

Data File : VW009017.D
Acq On : 06 Mar 2019 12:59
Operator : SY/VA
Sample : VSTDIC150
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Manual Integrations
APPROVED

MMDadoda
3/8/2019 12:07:08 AM

Quant Time: Mar 07 07:13:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W030619S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 07 06:55:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	309948	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	462710	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	445555	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	244588	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	556991	179.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	358.24%	
35) Dibromofluoromethane	7.88	113	490091	175.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	351.90%	
50) Toluene-d8	10.32	98	1875564	163.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	327.70%	
62) 4-Bromofluorobenzene	12.62	95	730141	165.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	330.32%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.00	85	424724	137.943	ug/l	99
3) Chloromethane	2.21	50	603830	155.696	ug/l	99
4) Vinyl Chloride	2.35	62	638638	164.327	ug/l	96
5) Bromomethane	2.75	94	505443	148.101	ug/l	97
6) Chloroethane	2.90	64	453837	164.697	ug/l	96
7) Trichlorofluoromethane	3.25	101	807697	161.339	ug/l	97
8) Diethyl Ether	3.68	74	265095	169.636	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	502994	161.913	ug/l	97
10) Methyl Iodide	4.26	142	588351	200.632	ug/l	100
11) Tert butyl alcohol	5.18	59	179130	787.552	ug/l	99
12) 1,1-Dichloroethene	4.03	96	447459	165.300	ug/l	98
13) Acrolein	3.89	56	193716	759.728	ug/l	98
14) Allyl chloride	4.67	41	820167	175.249	ug/l	99
15) Acrylonitrile	5.37	53	559547	836.353	ug/l	100
16) Acetone	4.12	43	523117	819.503	ug/l	99
17) Carbon Disulfide	4.37	76	1475067	162.597	ug/l	99
18) Methyl Acetate	4.67	43	261966	179.923	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	1241468	177.162	ug/l	98
20) Methylene Chloride	4.91	84	482325	129.062	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	518208	167.360	ug/l	95
22) Diisopropyl ether	6.31	45	1679441	179.712	ug/l	98
23) Vinyl Acetate	6.26	43	5426061	932.246	ug/l	99
24) 1,1-Dichloroethane	6.21	63	944200	173.765	ug/l	97
25) 2-Butanone	7.17	43	798741	879.128	ug/l	98
26) 2,2-Dichloropropane	7.17	77	828481	166.679	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	572546	175.646	ug/l	99
28) Bromochloromethane	7.51	49	378428	160.436	ug/l	96
29) Tetrahydrofuran	7.52	42	524513	918.921	ug/l	98
30) Chloroform	7.67	83	970150	174.381	ug/l	99
31) Cyclohexane	7.95	56	833115	149.093	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	858149	167.935	ug/l	100
36) 1,1-Dichloropropene	8.08	75	712074	154.770	ug/l	100
37) Ethyl Acetate	7.25	43	341706	167.912	ug/l	99
38) Carbon Tetrachloride	8.07	117	763638	160.388	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	898860	161.723	ug/l	99
40) Benzene	8.32	78	1921746	154.858	ug/l	98
41) Methacrylonitrile	7.48	41	214914	178.044	ug/l	91
42) 1,2-Dichloroethane	8.40	62	667742	167.649	ug/l	99
43) Isopropyl Acetate	8.42	43	698027	174.487	ug/l	98
44) Trichloroethene	9.09	130	525950	151.998	ug/l	99
45) 1,2-Dichloropropane	9.37	63	485399	157.777	ug/l	96
46) Dibromomethane	9.46	93	282361	166.365	ug/l	98
47) Bromodichloromethane	9.64	83	714571	167.945	ug/l	98
48) Methyl methacrylate	9.43	41	331455	175.343	ug/l	98
49) 1,4-Dioxane	9.45	88	70089	3020.840	ug/l #	96
51) 4-Methyl-2-Pentanone	10.21	43	1731609	855.965	ug/l	100
52) Toluene	10.39	92	1345881	160.653	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	729719	172.894	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	805448	167.167	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	371527	161.168	ug/l	99
56) Ethyl methacrylate	10.65	69	510587	179.062	ug/l	98
57) 1,3-Dichloropropane	10.93	76	652132	160.871	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	1271372	840.267	ug/l	99
59) 2-Hexanone	10.97	43	1205417	847.592	ug/l	98
60) Dibromochloromethane	11.13	129	472533	168.765	ug/l	100
61) 1,2-Dibromoethane	11.23	107	359659	164.609	ug/l	99
64) Tetrachloroethene	10.86	164	476650	154.938	ug/l	98
65) Chlorobenzene	11.66	112	1451615	156.962	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	523523	168.562	ug/l	99
67) Ethyl Benzene	11.73	91	2780330	165.812	ug/l	99
68) m/p-Xylenes	11.84	106	2194044	331.611	ug/l	99
69) o-Xylene	12.16	106	1051051	170.170	ug/l	99
70) Styrene	12.18	104	1767985	176.697	ug/l	98
71) Bromoform	12.35	173	291700	176.272	ug/l #	97
73) Isopropylbenzene	12.46	105	2887617	172.480	ug/l	100
74) N-amyl acetate	12.27	43	723253	181.458	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	435389	166.733	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	318884m	120.632	ug/l	
77) Bromobenzene	12.75	156	611906	161.452	ug/l	96
78) n-propylbenzene	12.80	91	3469783	168.820	ug/l	99
79) 2-Chlorotoluene	12.90	91	1934546	166.698	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	2452730	170.710	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	148641	185.853	ug/l	98
82) 4-Chlorotoluene	12.99	91	2068847	167.597	ug/l	99
83) tert-Butylbenzene	13.21	119	2074239	167.549	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	2506786	170.427	ug/l	100
85) sec-Butylbenzene	13.38	105	3000742	166.160	ug/l	99
86) p-Isopropyltoluene	13.50	119	2786040	171.394	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	1310769	161.551	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	1240381	154.137	ug/l	99
89) n-Butylbenzene	13.83	91	2609177	169.544	ug/l	99
90) Hexachloroethane	14.10	117	467969	168.046	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	1093232	154.001	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	75439	158.060	ug/l	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW030619\
Quantitation Report (QT Reviewed)

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	770973	158.604	ug/l	100
94) Hexachlorobutadiene	15.24	225	441267	142.815	ug/l	98
95) Naphthalene	15.37	128	1386589	175.928	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	661187	157.101	ug/l	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VW009017.D

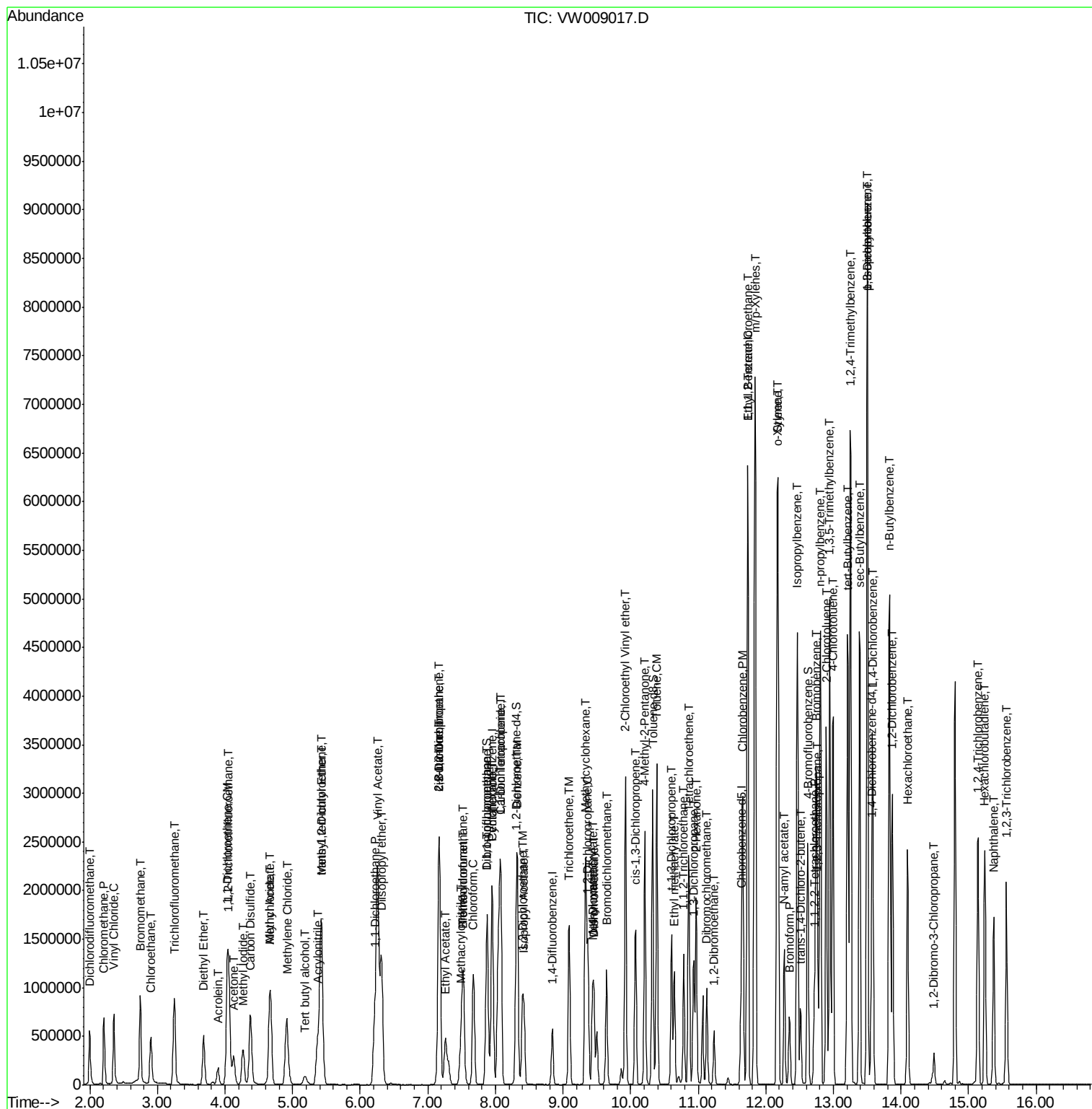
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Acq On       : 06 Mar 2019   12:59
Operator     : SY/VA
Sample       : VSTDICC150
Misc         : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial     : 8      Sample Multiplier: 1
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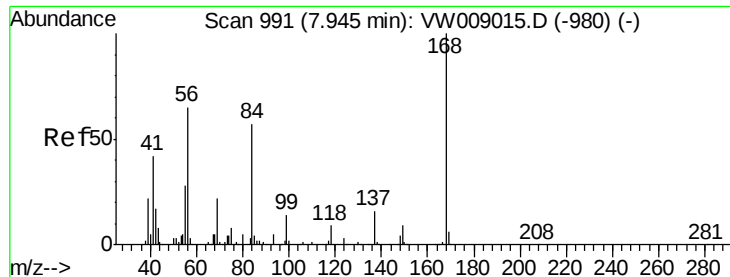
Instrument :
MSVOA_W
ClientSampleId :
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Manual Integrations

MMDadoda
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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW009017.D

Acq: 06 Mar 2019 12:59

Instrument :

MSVOA_W

ClientSampled :

VSTDIC150

Tgt Ion:168 Resp: 309948

Ion Ratio Lower Upper

168 100

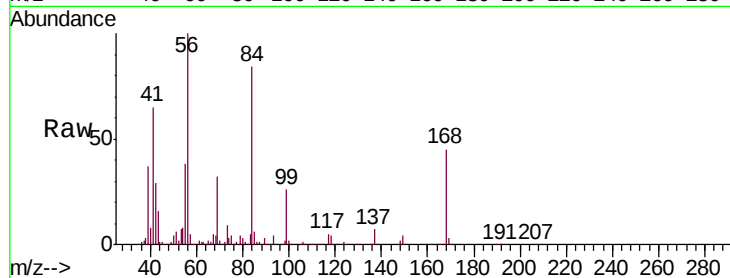
99 57.4 43.5 65.3

Manual Integrations

APPROVED

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

250000

200000

150000

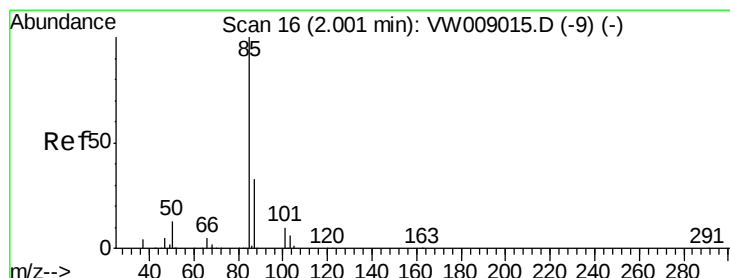
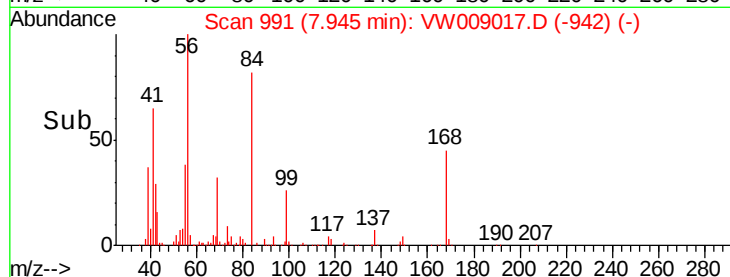
100000

50000

0

7.80 7.90 8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 137.943 ug/l

RT: 2.00 min Scan# 15

Delta R.T. -0.01 min

Lab File: VW009017.D

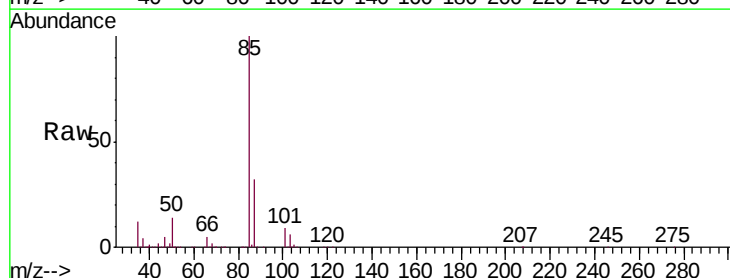
Acq: 06 Mar 2019 12:59

Tgt Ion: 85 Resp: 424724

Ion Ratio Lower Upper

85 100

87 32.0 16.4 49.2



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

300000

250000

200000

150000

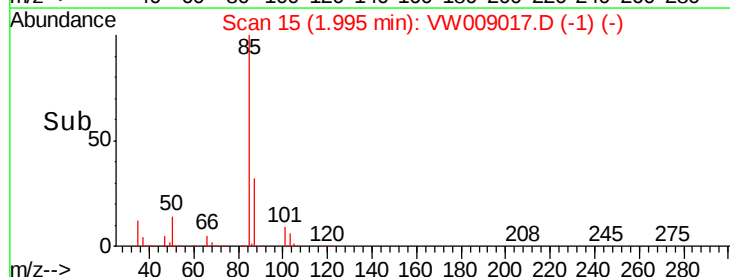
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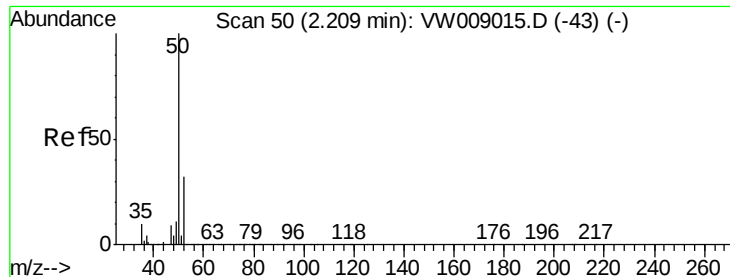
50000

0

1.90 2.00 2.10

Time-->





#3

Chloromethane

Concen: 155.696 ug/l

RT: 2.21 min Scan# 50

Delta R.T. 0.00 min

Lab File: VW009017.D

Acq: 06 Mar 2019 12:59

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tgt Ion: 50 Resp: 603830

Ion Ratio Lower Upper

50 100

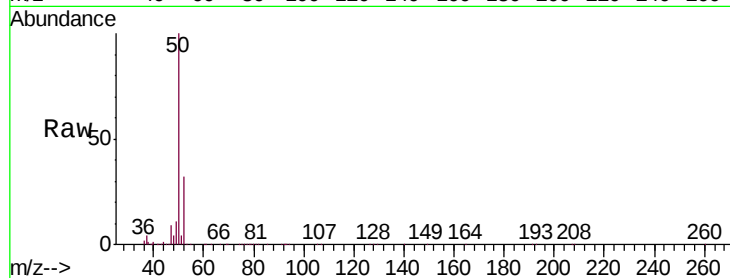
52 31.9 25.3 37.9

Manual Integrations

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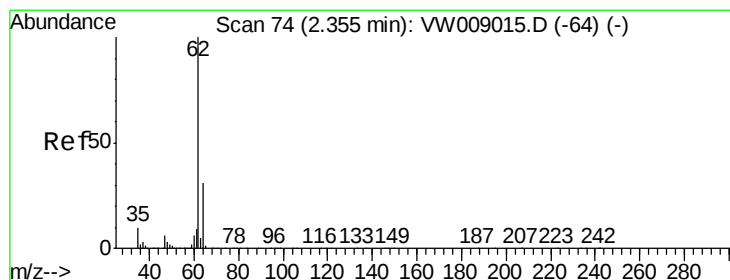
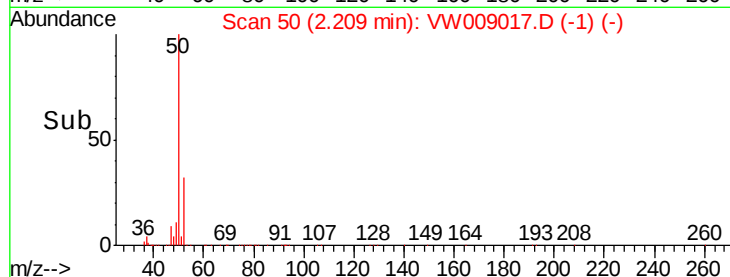
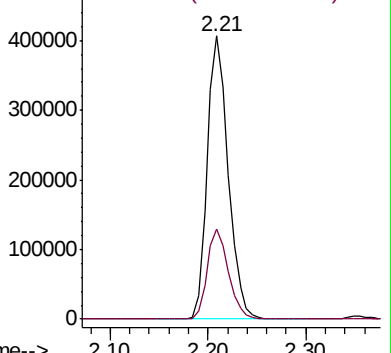
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Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW



#4

Vinyl Chloride

Concen: 164.327 ug/l

RT: 2.35 min Scan# 74

Delta R.T. 0.00 min

Lab File: VW009017.D

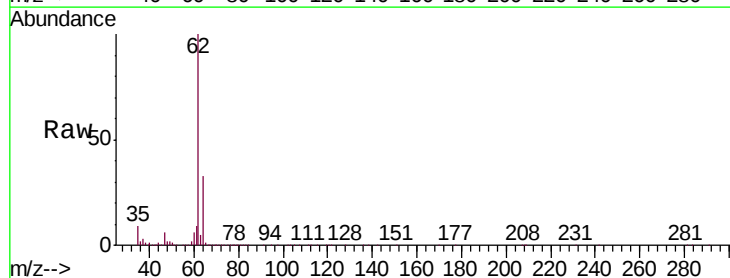
Acq: 06 Mar 2019 12:59

Tgt Ion: 62 Resp: 638638

Ion Ratio Lower Upper

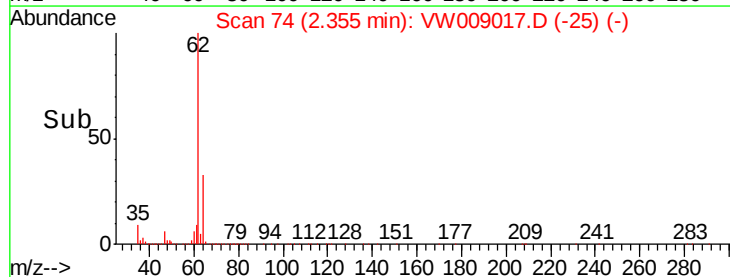
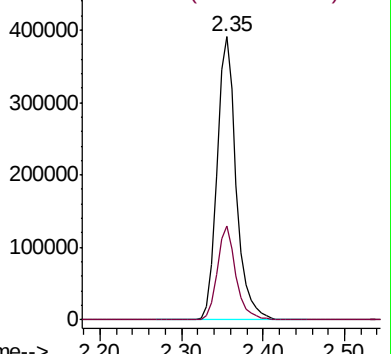
62 100

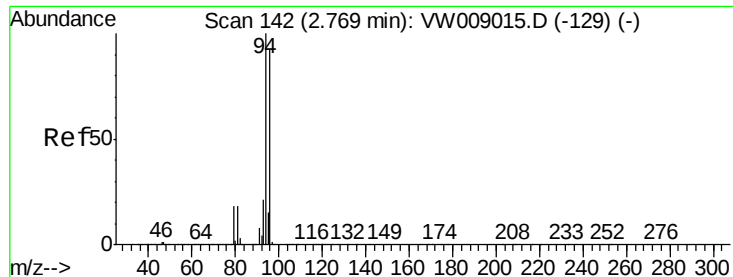
64 33.1 24.6 36.8



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW





#5

Bromomethane

Concen: 148.101 ug/l

RT: 2.75 min Scan# 138

Delta R.T. -0.02 min

Lab File: VW009017.D

Acq: 06 Mar 2019 12:59

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tgt Ion: 94 Resp: 505443

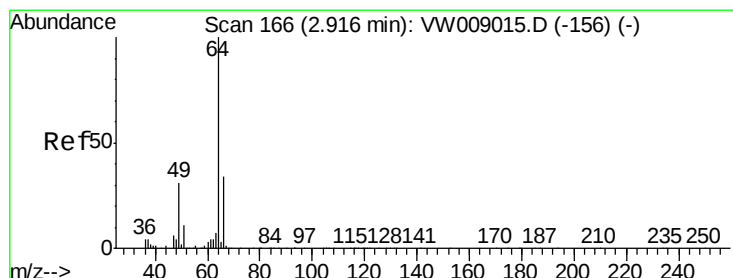
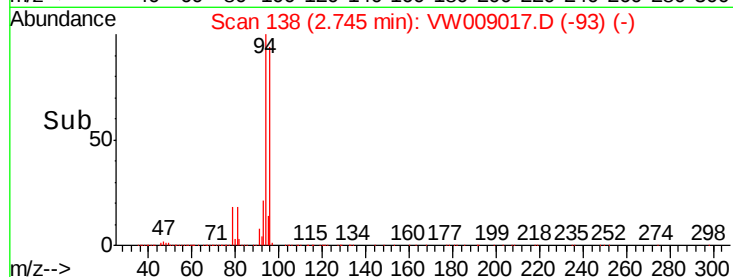
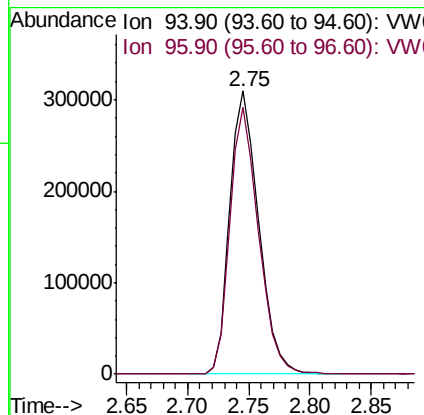
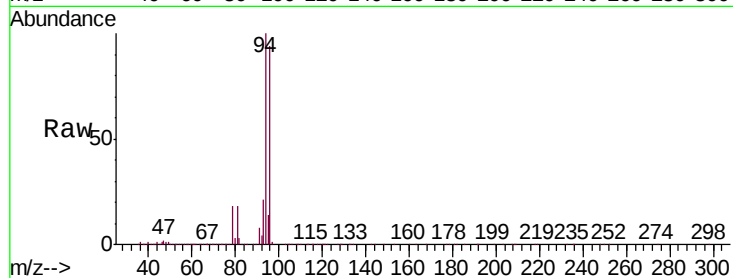
Ion Ratio Lower Upper

94 100

96 94.4 73.4 110.0

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3/8/2019 12:07:08 AM



#6

Chloroethane

Concen: 164.697 ug/l

RT: 2.90 min Scan# 164

Delta R.T. -0.01 min

Lab File: VW009017.D

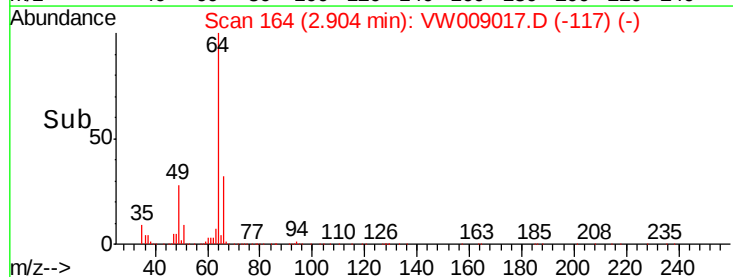
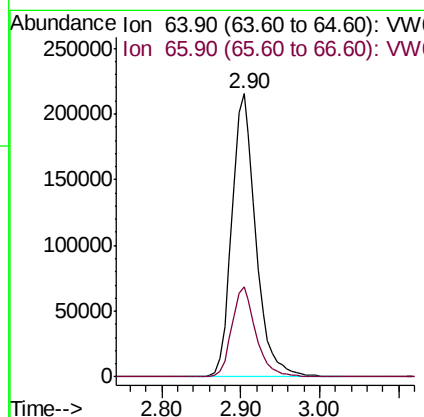
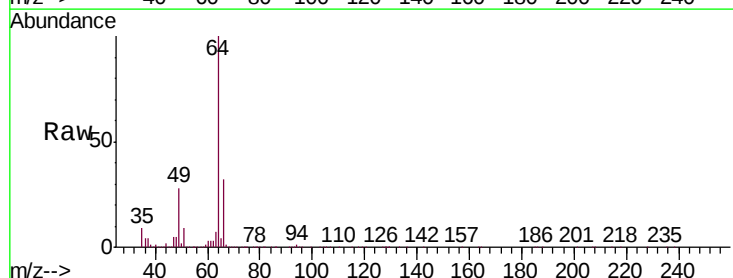
Acq: 06 Mar 2019 12:59

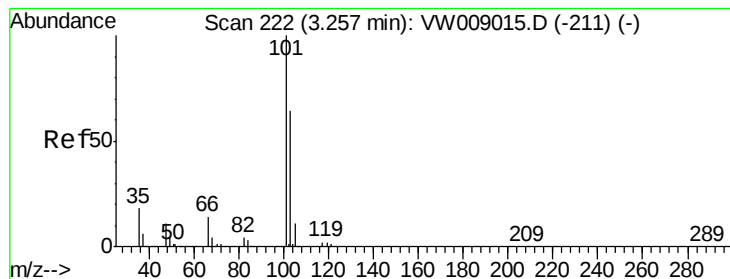
Tgt Ion: 64 Resp: 453837

Ion Ratio Lower Upper

64 100

66 31.8 27.2 40.8





#7

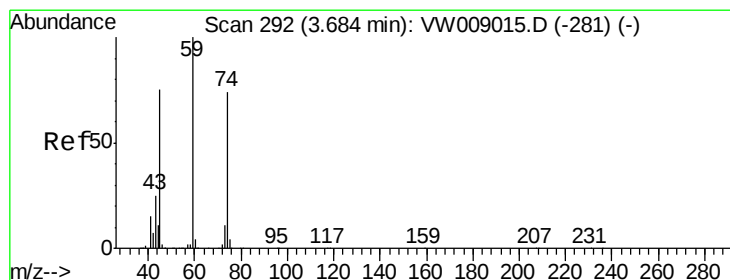
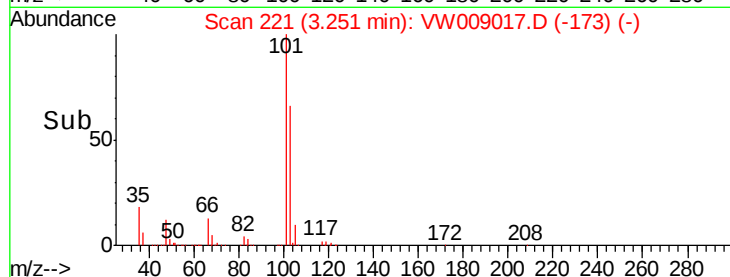
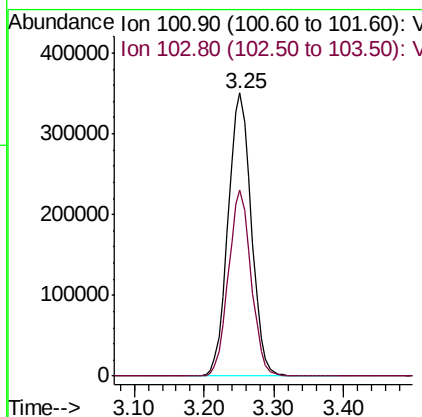
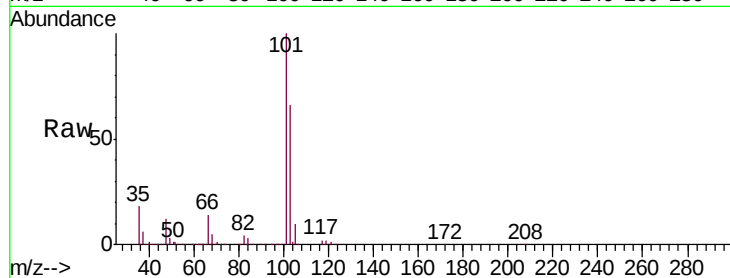
Trichlorofluoromethane
 Concen: 161.339 ug/l
 RT: 3.25 min Scan# 221
 Delta R.T. -0.01 min
 Lab File: VW009017.D
 Acq: 06 Mar 2019 12:59

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tgt Ion	Ratio	Lower	Upper
101	100		
103	65.9	51.1	76.7

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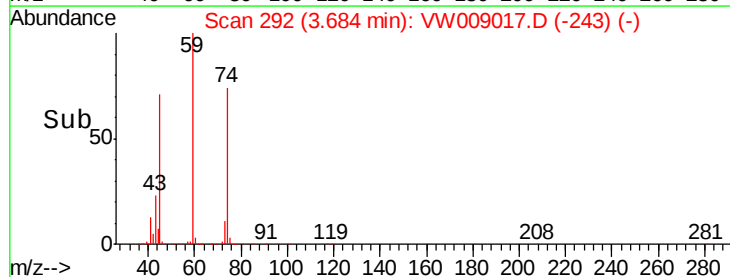
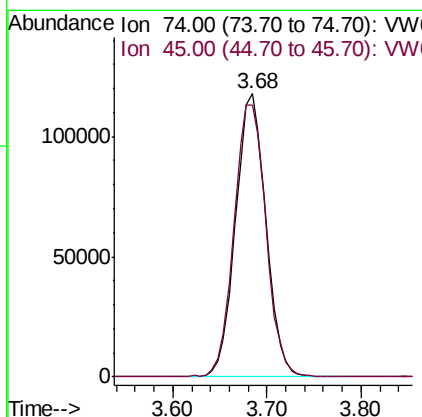
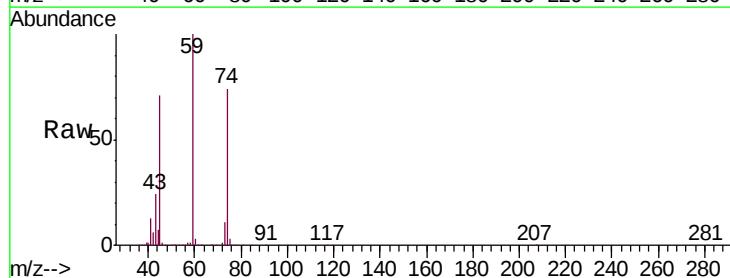
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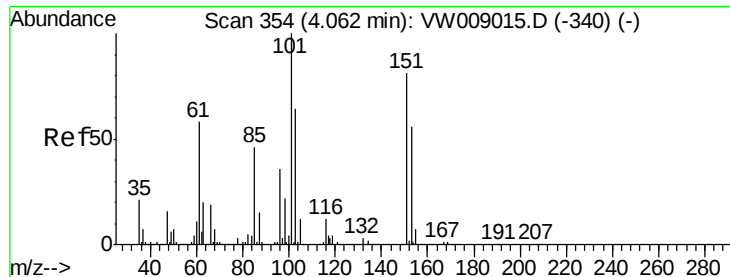


#8

Diethyl Ether
 Concen: 169.636 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. 0.00 min
 Lab File: VW009017.D
 Acq: 06 Mar 2019 12:59

Tgt Ion	Ratio	Lower	Upper
74	100		
45	101.5	48.8	146.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 161.913 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW009017.D

Acq: 06 Mar 2019 12:59

Instrument :

MSVOA_W

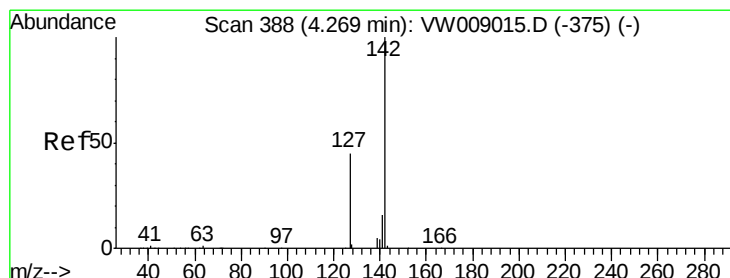
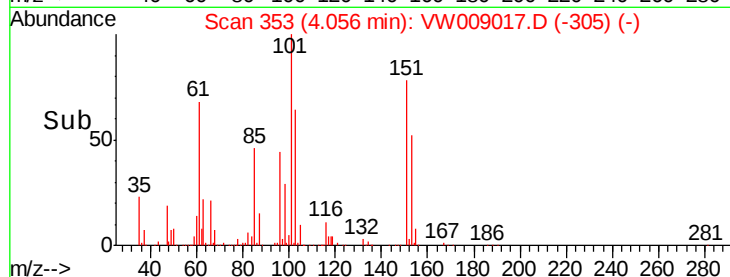
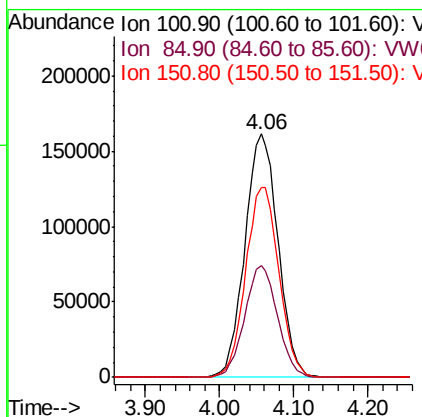
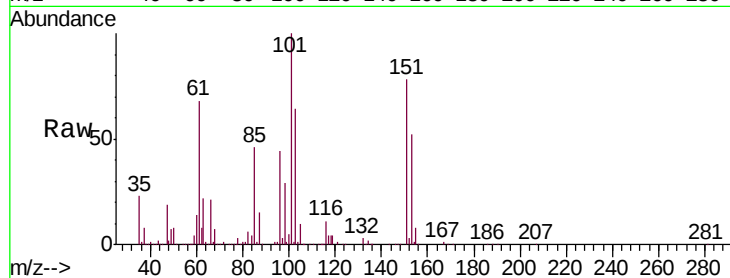
ClientSampleId :

VSTDIC150

Tgt Ion:	101	Resp:	502994
Ion Ratio	Lower	Upper	
101	100		
85	45.3	36.6	55.0
151	78.7	66.0	99.0

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#10

Methyl Iodide

Concen: 200.632 ug/l

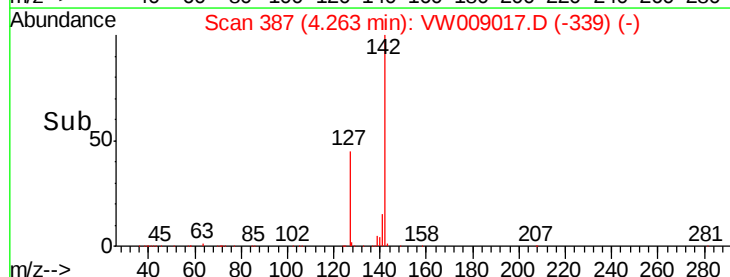
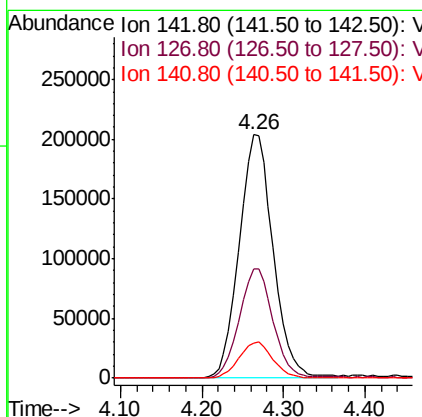
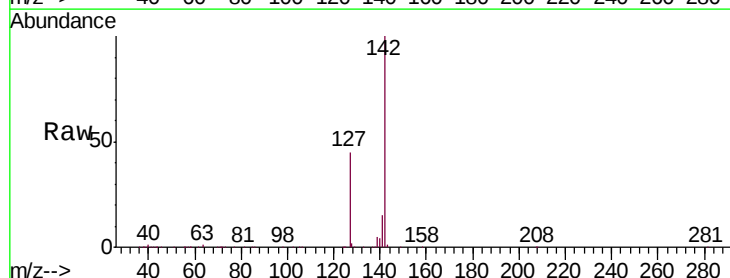
RT: 4.26 min Scan# 387

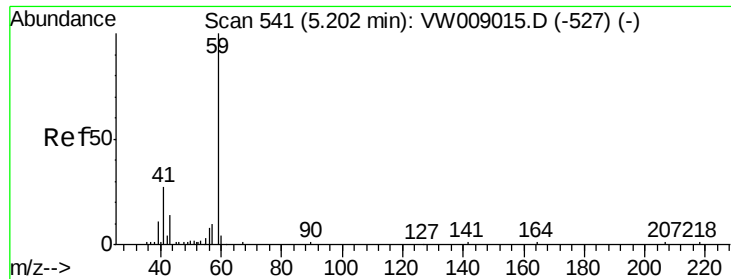
Delta R.T. -0.01 min

Lab File: VW009017.D

Acq: 06 Mar 2019 12:59

Tgt Ion:	142	Resp:	588351
Ion Ratio	Lower	Upper	
142	100		
127	45.1	36.2	54.2
141	15.0	12.3	18.5





#11

Tert butyl alcohol

Concen: 787.552 ug/l

RT: 5.18 min Scan# 537

Delta R.T. -0.02 min

Lab File: VW009017.D

Acq: 06 Mar 2019 12:59

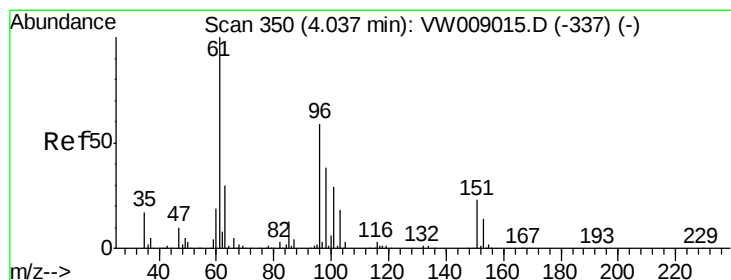
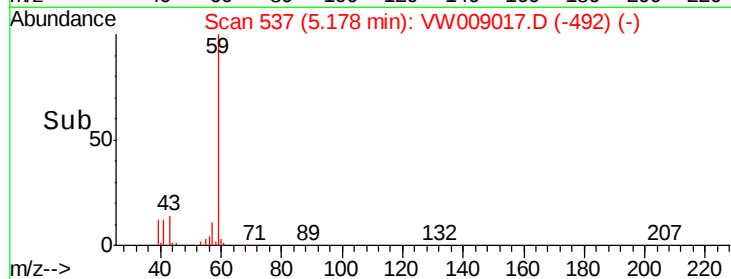
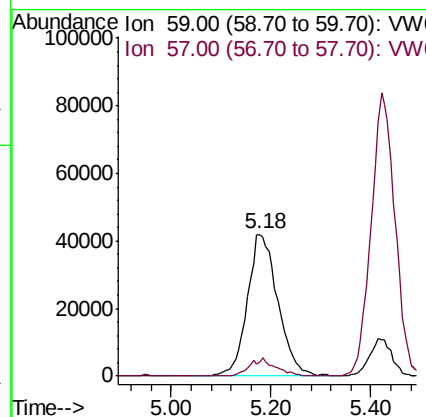
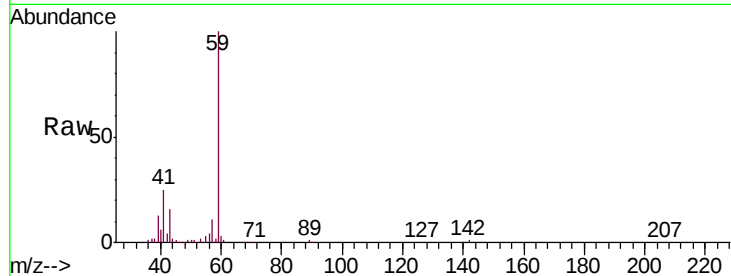
Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion: 59 Resp: 179130

Ion	Ratio	Lower	Upper
59	100		
57	10.8	9.0	13.6

Manual Integrations
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#12

1,1-Dichloroethene

Concen: 165.300 ug/l

RT: 4.03 min Scan# 349

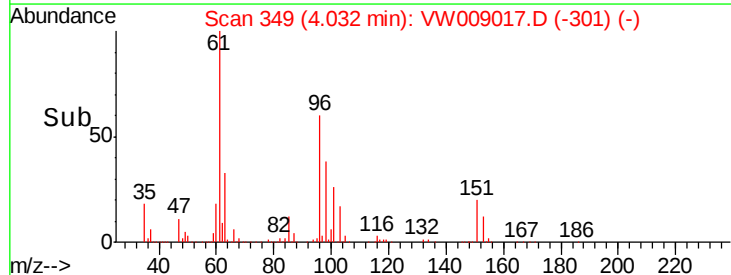
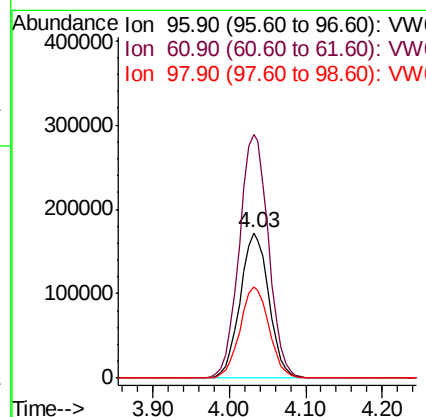
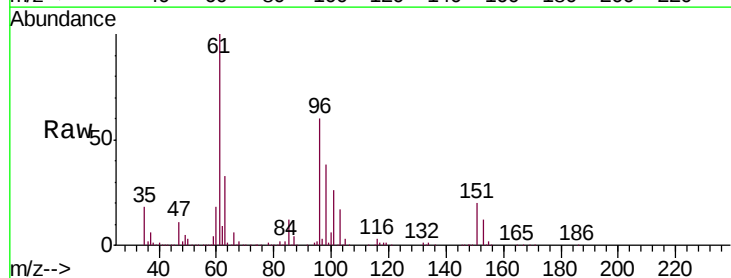
Delta R.T. -0.01 min

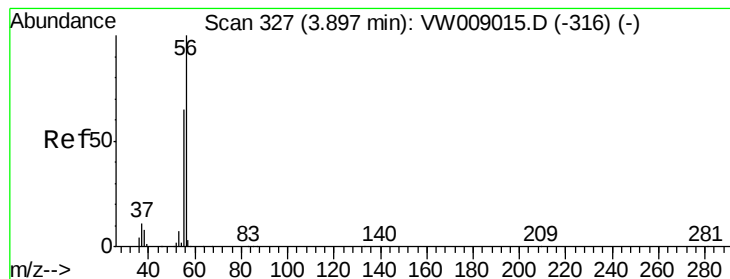
Lab File: VW009017.D

Acq: 06 Mar 2019 12:59

Tgt Ion: 96 Resp: 447459

Ion	Ratio	Lower	Upper
96	100		
61	167.4	135.8	203.6
98	62.9	51.6	77.4





#13

Acrolein

Concen: 759.728 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.01 min

Lab File: VW009017.D

Acq: 06 Mar 2019 12:59

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tgt Ion: 56 Resp: 193716

Ion Ratio Lower Upper

56 100

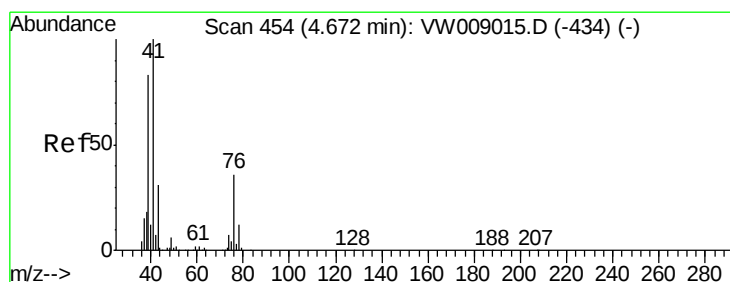
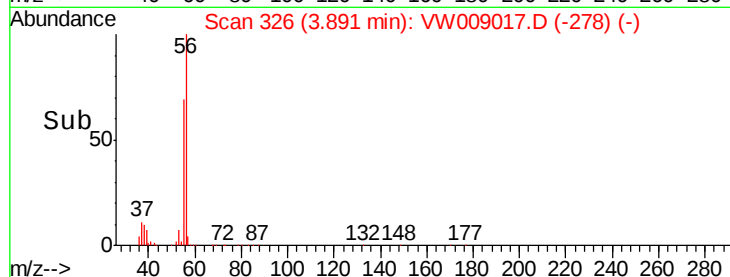
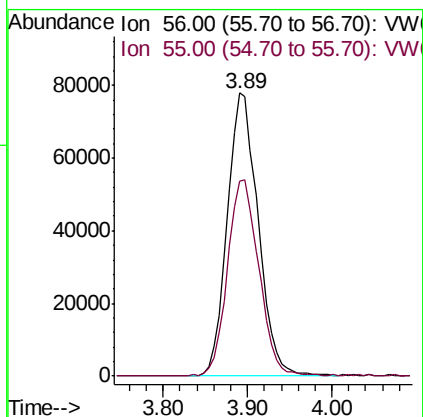
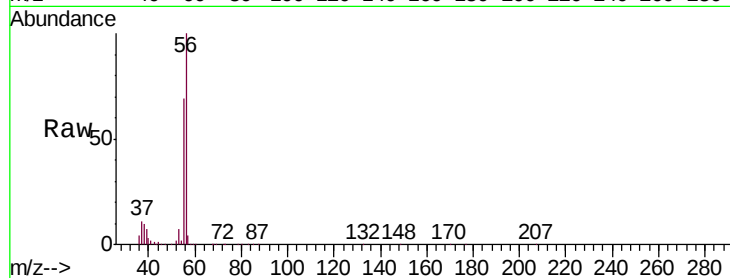
55 69.7 57.1 85.7

Manual Integrations

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#14

Allyl chloride

Concen: 175.249 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.01 min

Lab File: VW009017.D

Acq: 06 Mar 2019 12:59

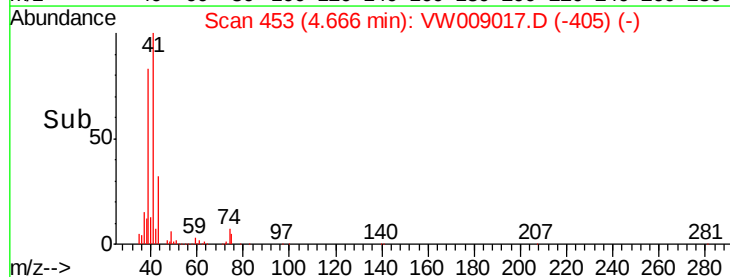
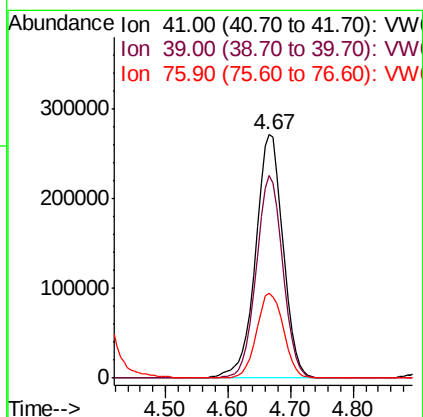
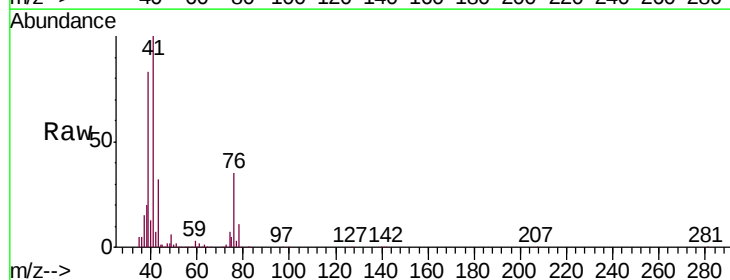
Tgt Ion: 41 Resp: 820167

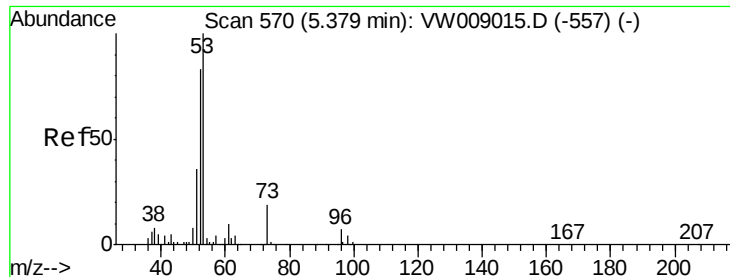
Ion Ratio Lower Upper

41 100

39 80.8 63.6 95.4

76 34.2 27.9 41.9





#15

Acrylonitrile

Concen: 836.353 ug/l

RT: 5.37 min Scan# 569

Delta R.T. -0.01 min

Lab File: VW009017.D

Acq: 06 Mar 2019 12:59

Instrument :

MSVOA_W

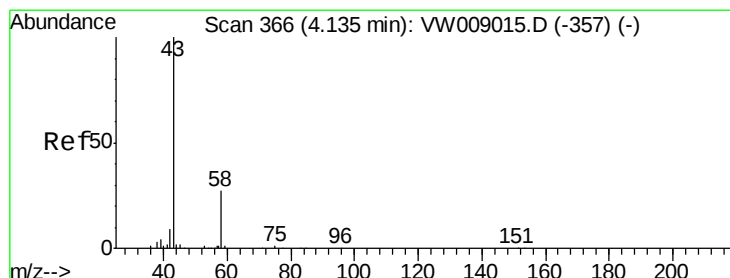
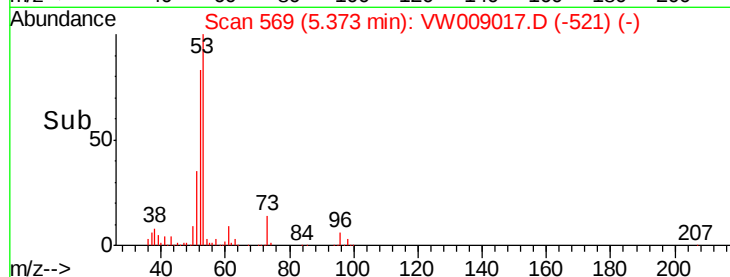
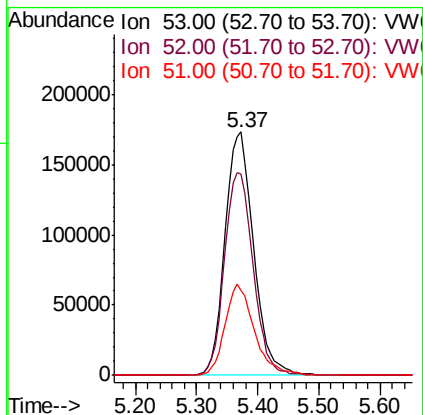
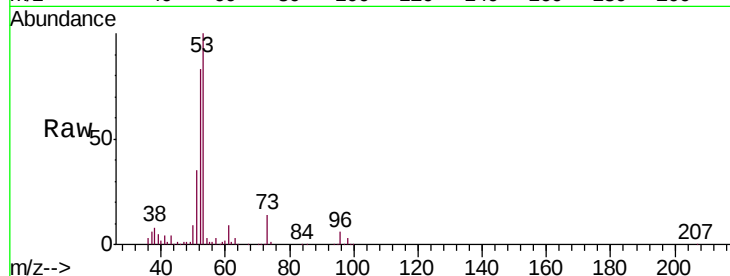
ClientSampleId :

VSTDIC150

Tgt Ion:	53	Resp:	559547
Ion Ratio	Lower	Upper	
53	100		
52	83.4	66.6	100.0
51	38.4	30.6	45.8

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#16

Acetone

Concen: 819.503 ug/l

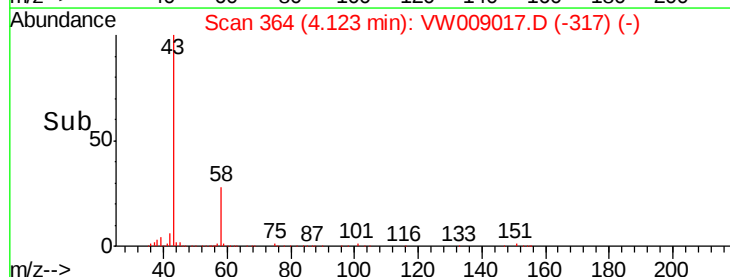
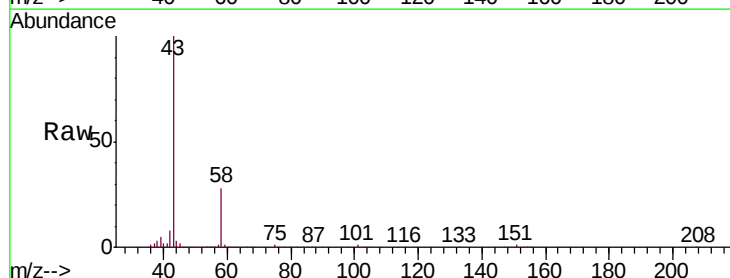
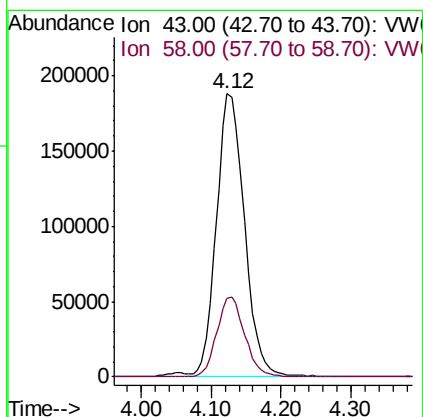
RT: 4.12 min Scan# 364

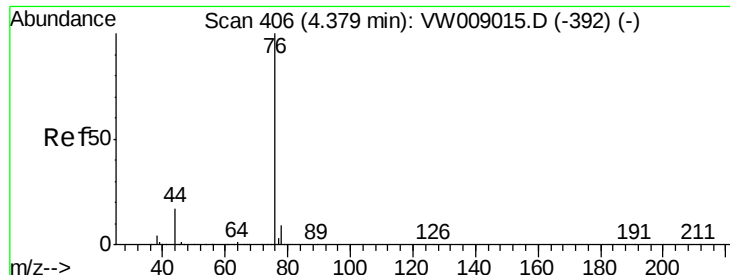
Delta R.T. -0.01 min

Lab File: VW009017.D

Acq: 06 Mar 2019 12:59

Tgt Ion:	43	Resp:	523117
Ion Ratio	Lower	Upper	
43	100		
58	27.6	21.6	32.4





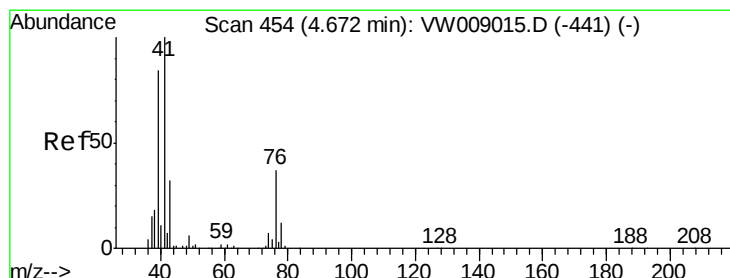
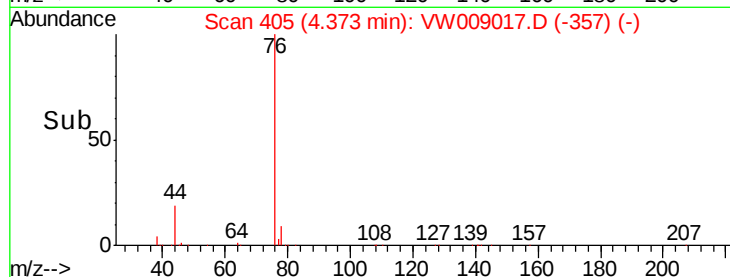
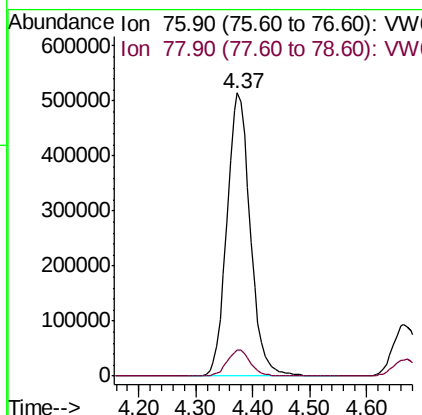
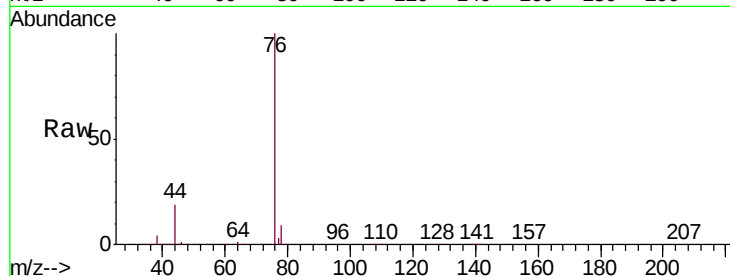
#17
Carbon Disulfide
Concen: 162.597 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW009017.D
Acq: 06 Mar 2019 12:59

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion: 76 Resp: 1475067
Ion Ratio Lower Upper
76 100
78 9.1 6.9 10.3

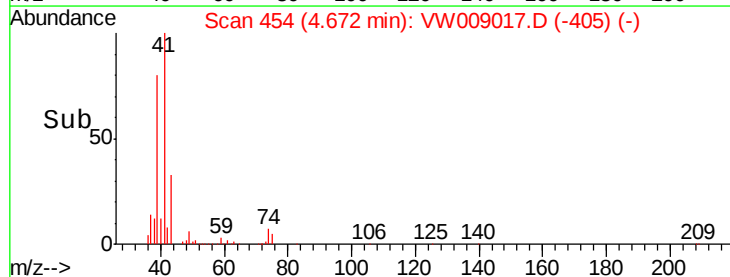
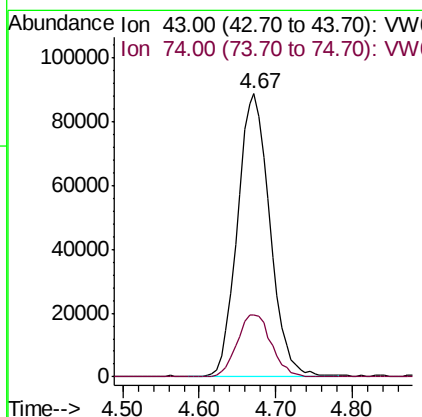
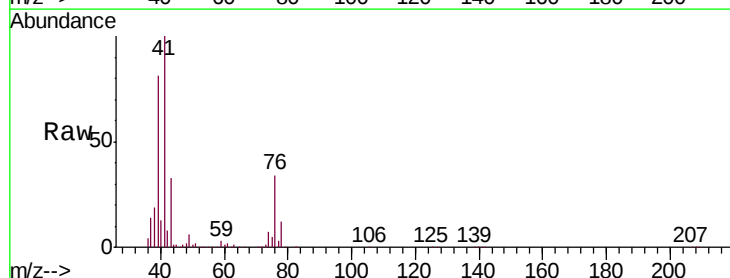
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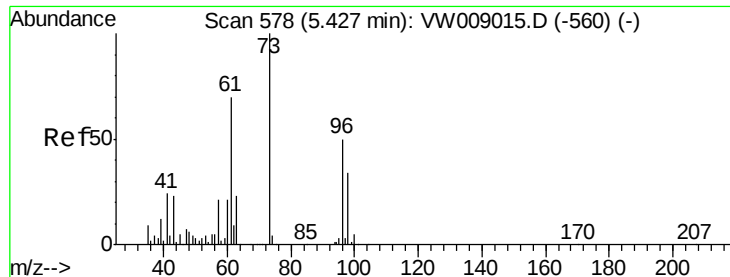
MMDadoda
3/8/2019 12:07:08 AM



#18
Methyl Acetate
Concen: 179.923 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.00 min
Lab File: VW009017.D
Acq: 06 Mar 2019 12:59

Tgt Ion: 43 Resp: 261966
Ion Ratio Lower Upper
43 100
74 23.1 17.7 26.5





#19

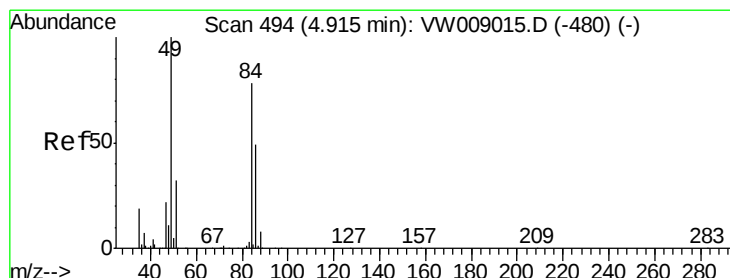
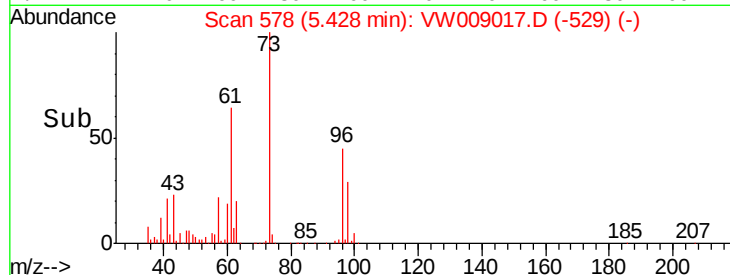
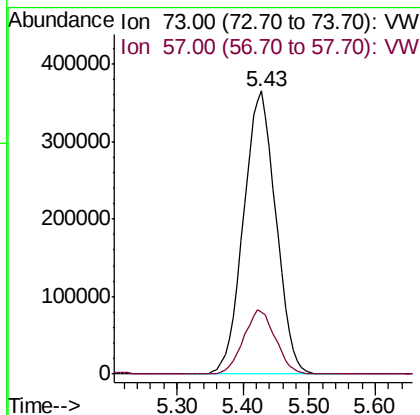
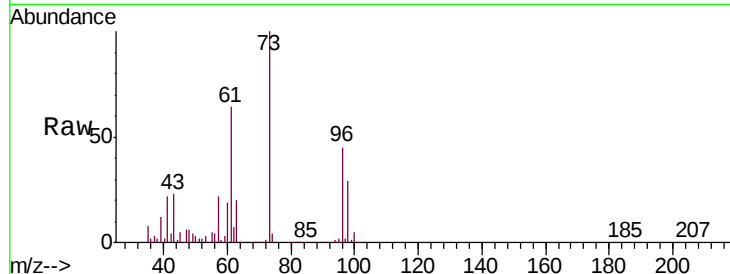
Methyl tert-butyl Ether
 Concen: 177.162 ug/l
 RT: 5.43 min Scan# 578
 Delta R.T. 0.00 min
 Lab File: VW009017.D
 Acq: 06 Mar 2019 12:59

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tgt Ion: 73 Resp: 1241468
 Ion Ratio Lower Upper
 73 100
 57 22.1 17.0 25.6

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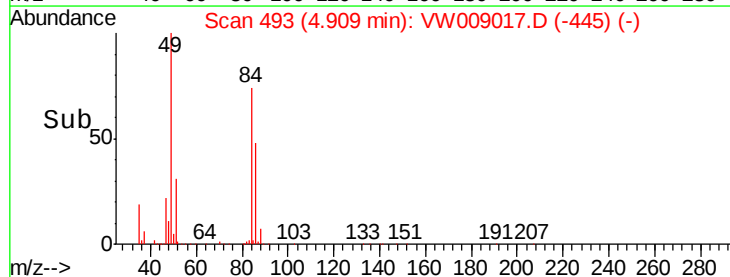
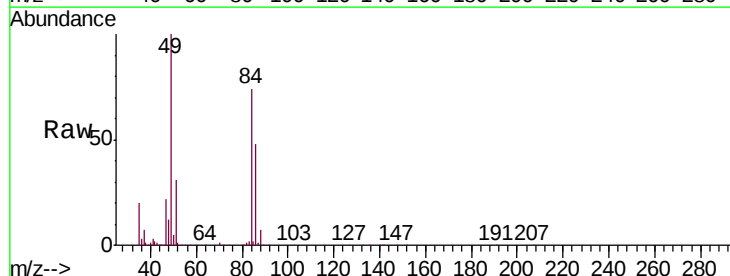
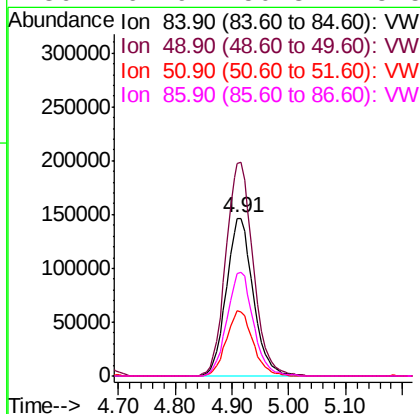
MMDadoda
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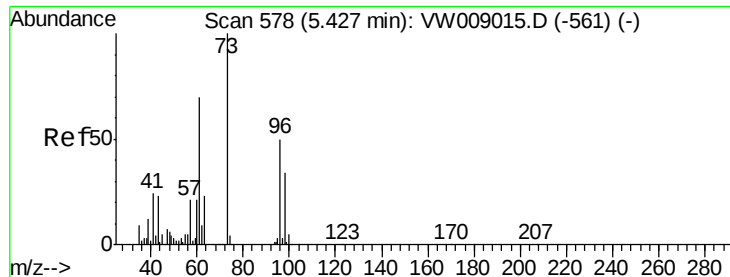


#20

Methylene Chloride
 Concen: 129.062 ug/l
 RT: 4.91 min Scan# 493
 Delta R.T. -0.01 min
 Lab File: VW009017.D
 Acq: 06 Mar 2019 12:59

Tgt Ion: 84 Resp: 482325
 Ion Ratio Lower Upper
 84 100
 49 134.7 102.8 154.2
 51 41.4 32.4 48.6
 86 64.9 50.3 75.5





#21

trans-1,2-Dichloroethene

Concen: 167.360 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.01 min

Lab File: VW009017.D

Acq: 06 Mar 2019 12:59

Instrument :

MSVOA_W

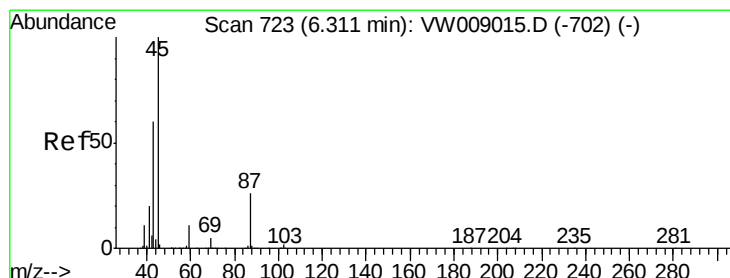
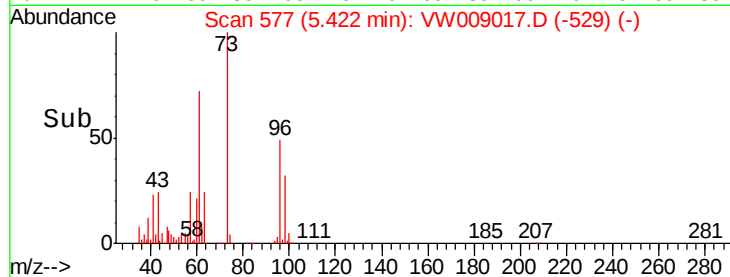
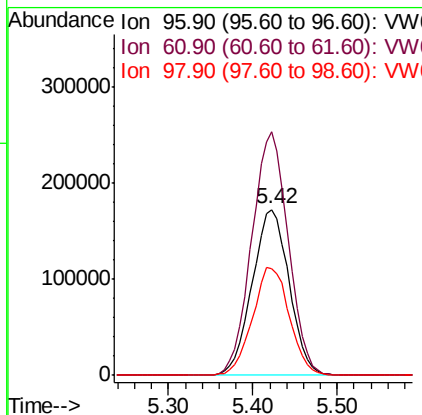
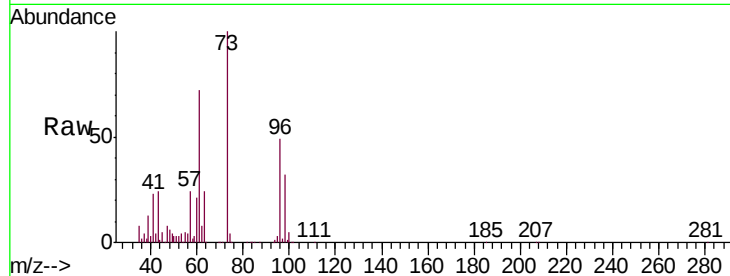
ClientSampleId :

VSTDIC150

Tgt Ion:	96	Resp:	518208
Ion	Ratio	Lower	Upper
96	100		
61	146.6	113.2	169.8
98	64.4	55.7	83.5

Manual Integrations
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#22

Diisopropyl ether

Concen: 179.712 ug/l

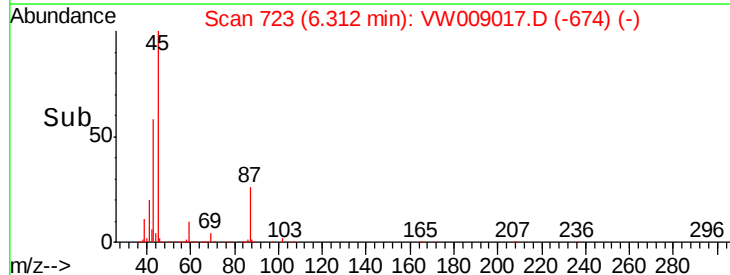
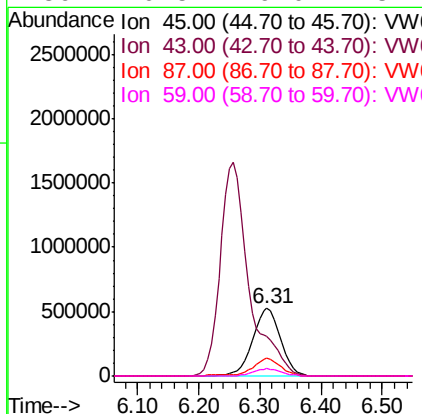
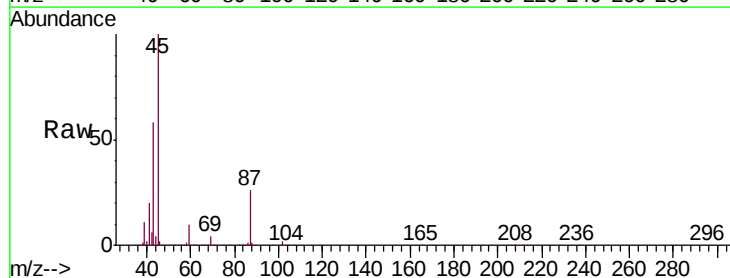
RT: 6.31 min Scan# 723

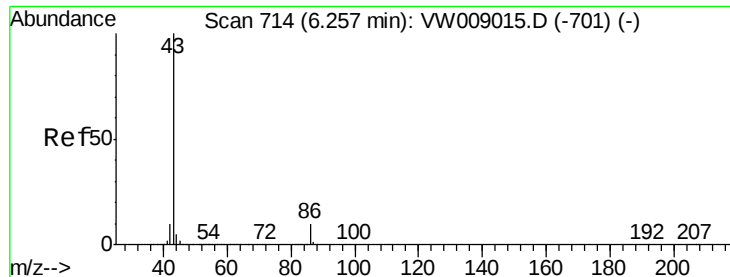
Delta R.T. 0.00 min

Lab File: VW009017.D

Acq: 06 Mar 2019 12:59

Tgt Ion:	45	Resp:	1679441
Ion	Ratio	Lower	Upper
45	100		
43	58.3	48.1	72.1
87	25.6	20.9	31.3
59	10.5	9.0	13.4





#23

Vinyl Acetate

Concen: 932.246 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.00 min

Lab File: VW009017.D

Acq: 06 Mar 2019 12:59

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tgt Ion: 43 Resp: 5426061

Ion Ratio Lower Upper

43 100

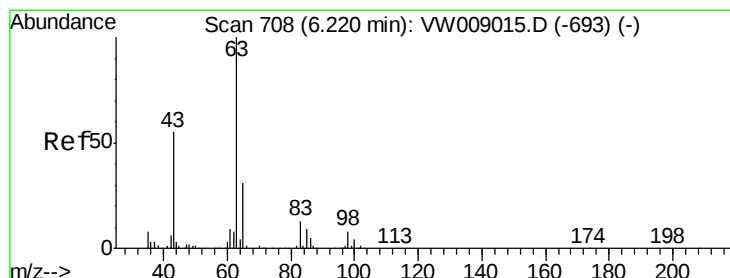
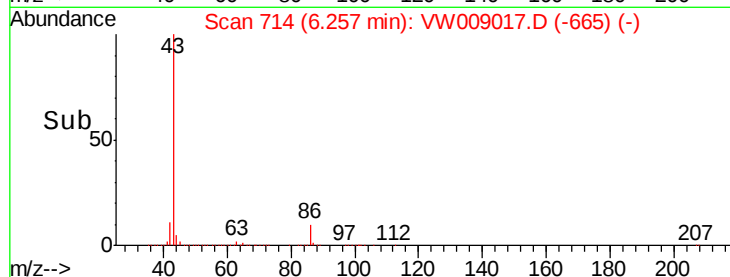
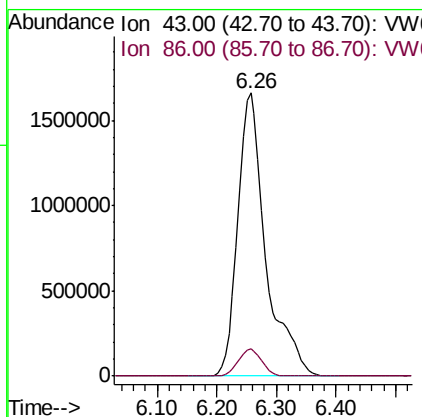
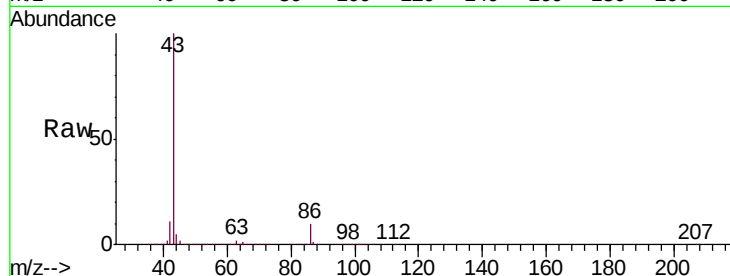
86 9.5 8.0 12.0

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 173.765 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.01 min

Lab File: VW009017.D

Acq: 06 Mar 2019 12:59

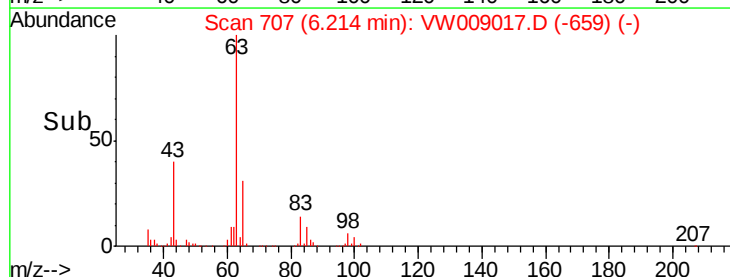
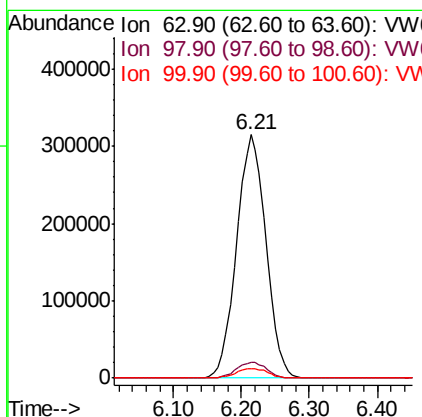
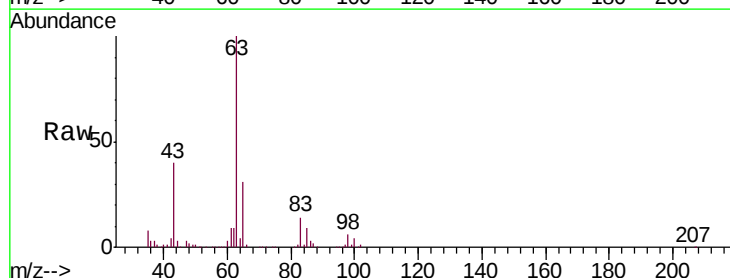
Tgt Ion: 63 Resp: 944200

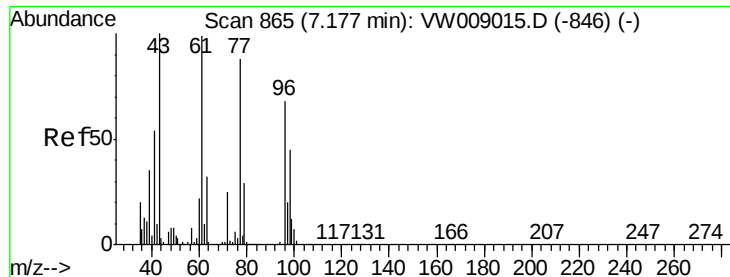
Ion Ratio Lower Upper

63 100

98 6.4 4.0 12.2

100 4.1 2.0 5.8





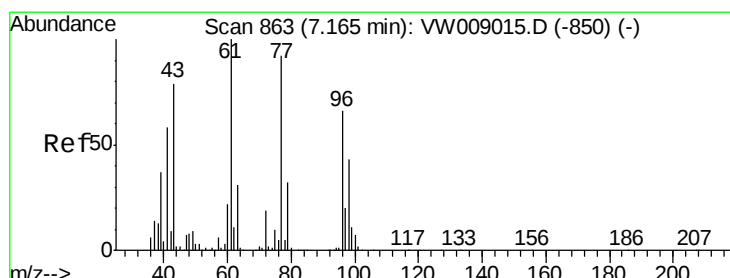
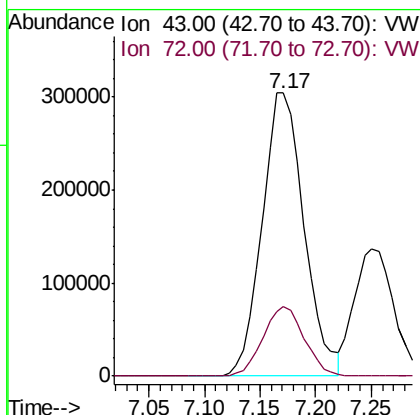
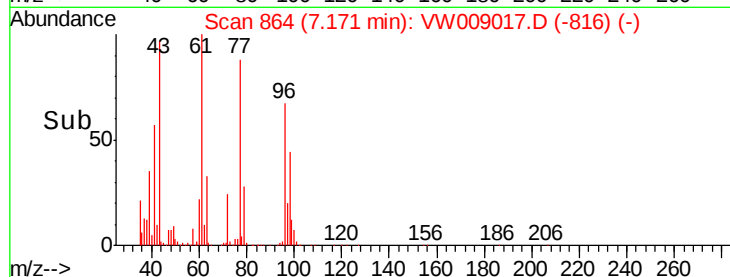
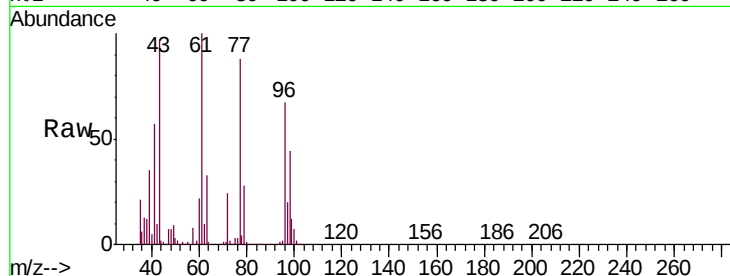
#25
2-Butanone
Concen: 879.128 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.01 min
Lab File: VW009017.D
Acq: 06 Mar 2019 12:59

Instrument :
MSVOA_W
ClientSampled :
VSTDIC150

Tgt Ion: 43 Resp: 798741
Ion Ratio Lower Upper
43 100
72 24.4 20.2 30.2

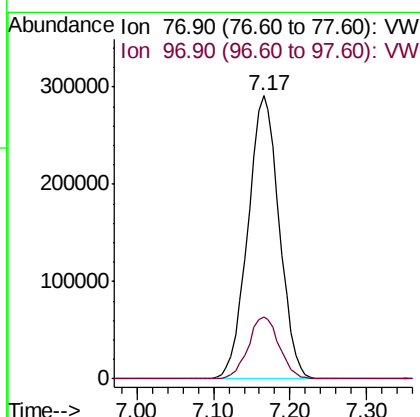
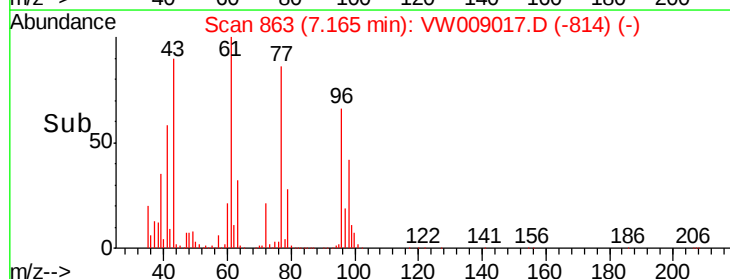
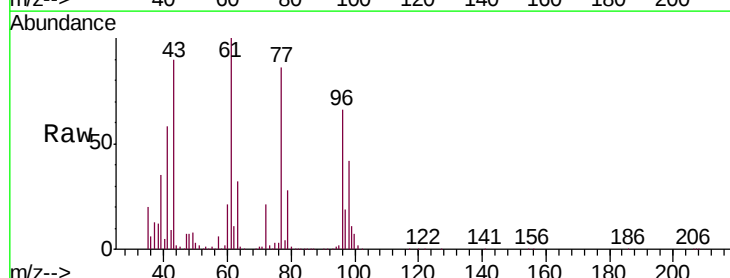
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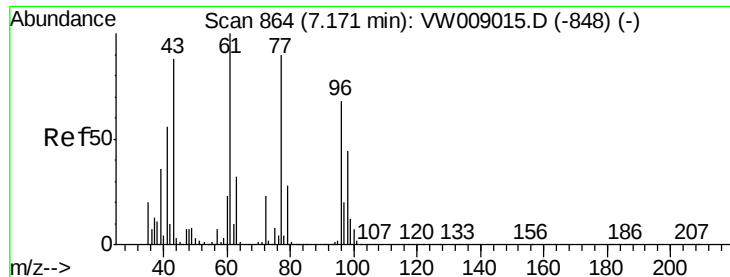
MMDadoda
3/8/2019 12:07:08 AM



#26
2,2-Dichloropropane
Concen: 166.679 ug/l
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW009017.D
Acq: 06 Mar 2019 12:59

Tgt Ion: 77 Resp: 828481
Ion Ratio Lower Upper
77 100
97 21.6 10.7 32.1





#27

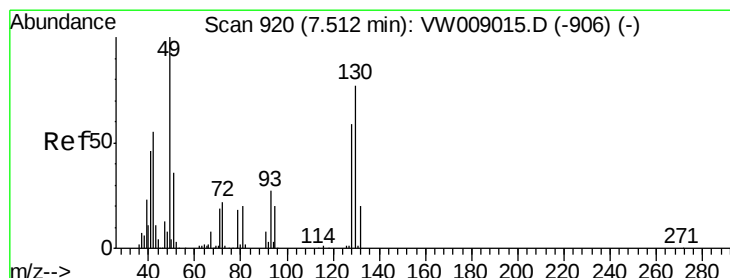
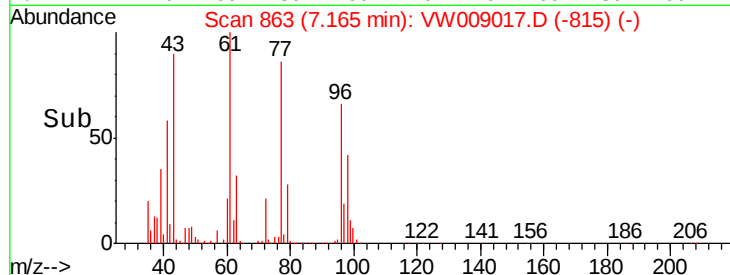
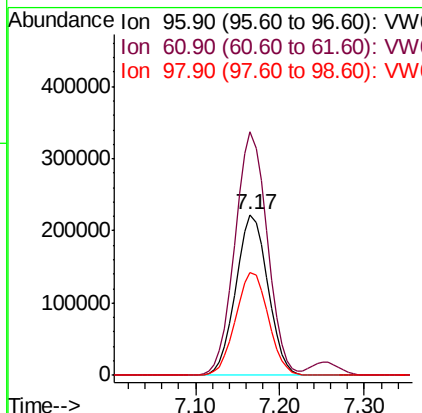
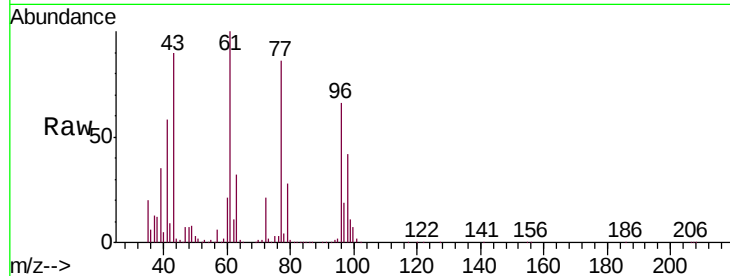
cis-1,2-Dichloroethene
Concen: 175.646 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW009017.D
Acq: 06 Mar 2019 12:59

Instrument :
MSVOA_W
ClientSampled :
VSTDIC150

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	572546		
61	152.8	0.0	303.6	
98	65.0	0.0	129.0	

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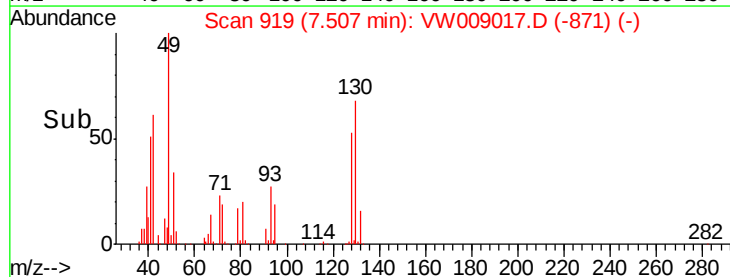
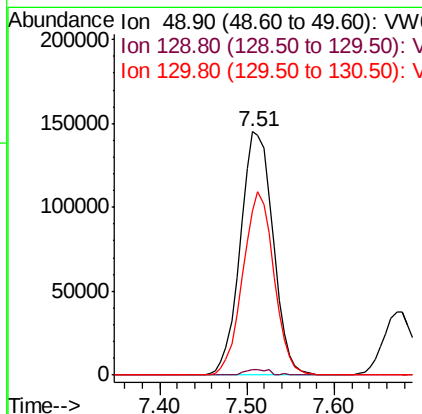
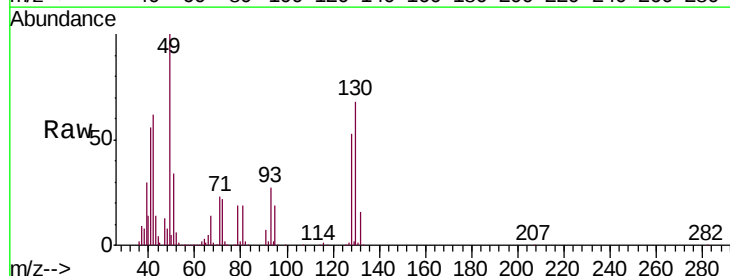
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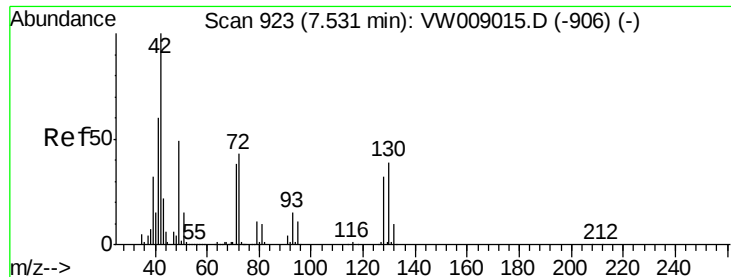


#28

Bromochloromethane
Concen: 160.436 ug/l
RT: 7.51 min Scan# 919
Delta R.T. -0.01 min
Lab File: VW009017.D
Acq: 06 Mar 2019 12:59

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	378428		
129	1.8	0.0	3.2	
130	71.6	59.9	89.9	





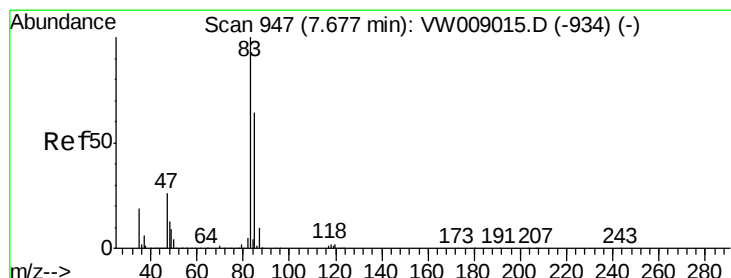
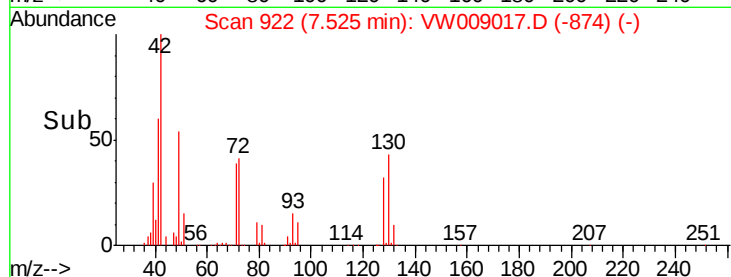
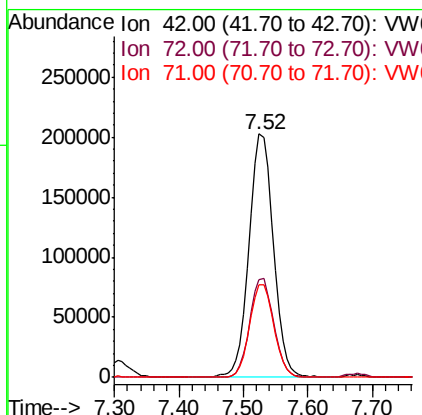
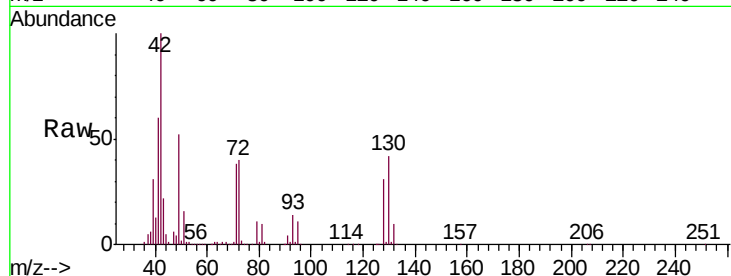
#29
Tetrahydrofuran
Concen: 918.921 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.01 min
Lab File: VW009017.D
Acq: 06 Mar 2019 12:59

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion	Ratio	Lower	Upper
42	100		
72	39.8	32.5	48.7
71	37.8	31.6	47.4

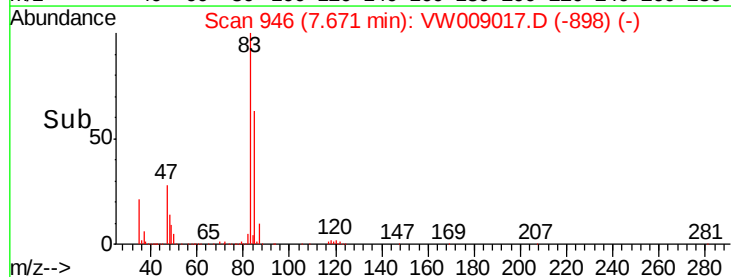
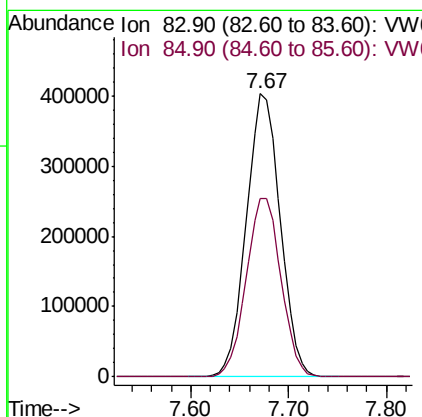
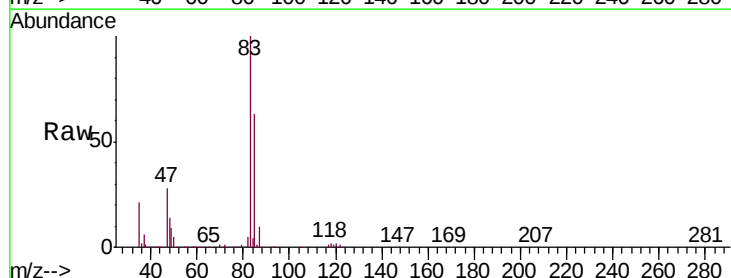
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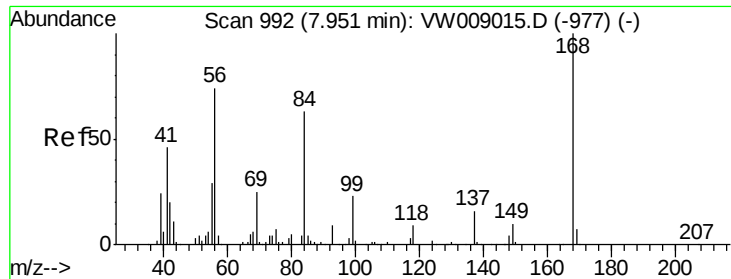
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3/8/2019 12:07:08 AM



#30
Chloroform
Concen: 174.381 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.01 min
Lab File: VW009017.D
Acq: 06 Mar 2019 12:59

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.2	51.4	77.0





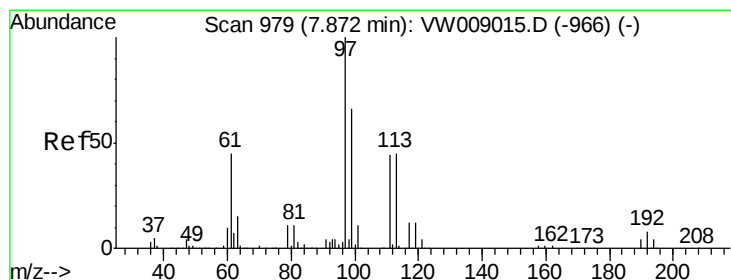
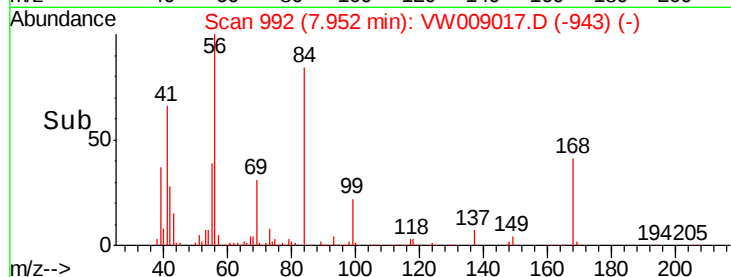
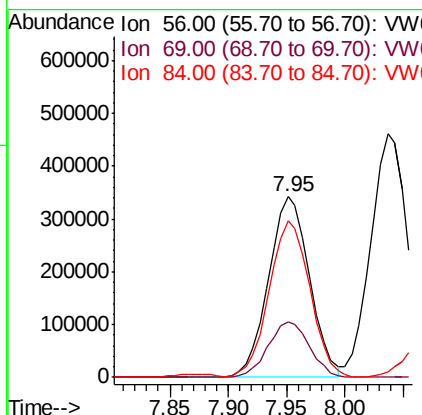
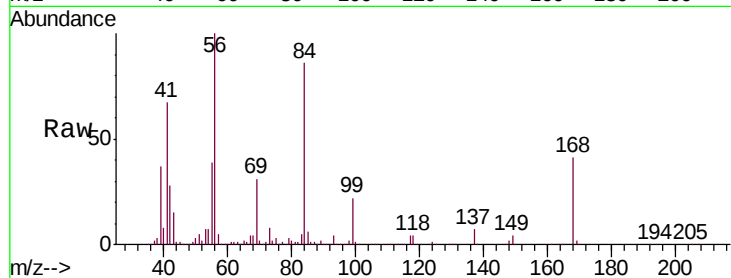
#31
Cyclohexane
Concen: 149.093 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW009017.D
Acq: 06 Mar 2019 12:59

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion	Ratio	Lower	Upper
56	100		
69	31.0	27.0	40.4
84	84.6	68.3	102.5

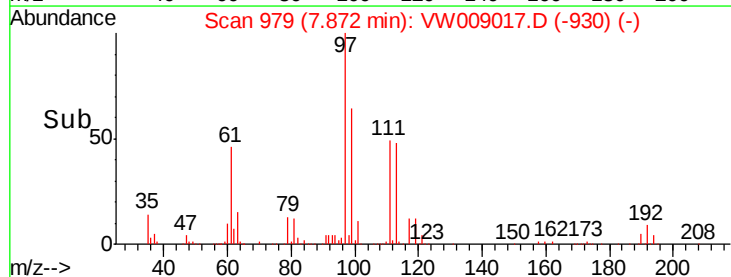
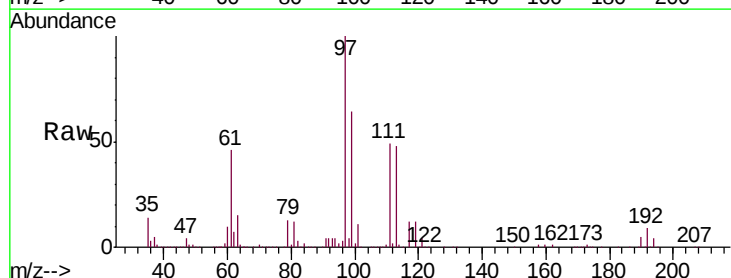
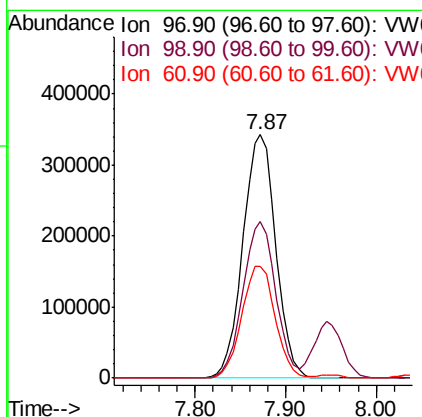
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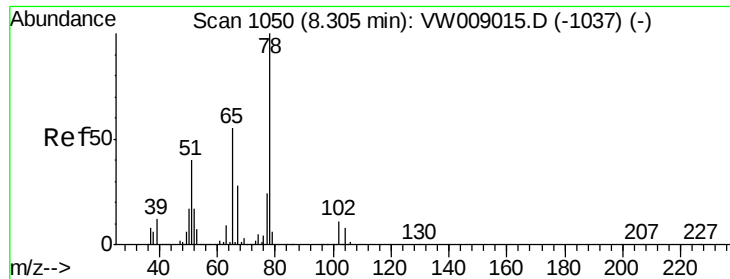
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#32
1,1,1-Trichloroethane
Concen: 167.935 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.00 min
Lab File: VW009017.D
Acq: 06 Mar 2019 12:59

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.4	77.0
61	46.9	37.4	56.0





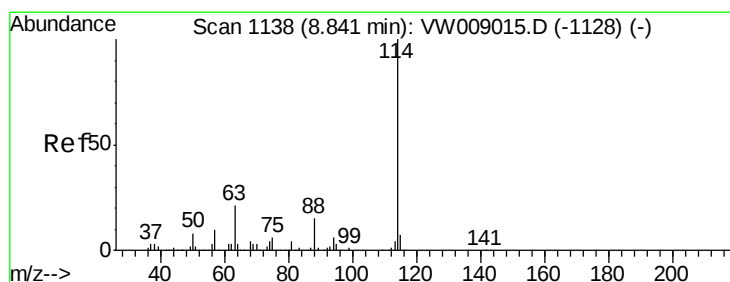
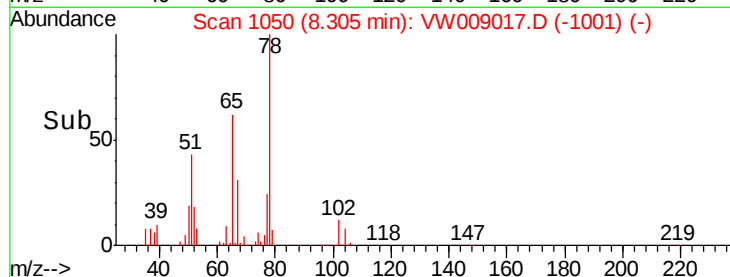
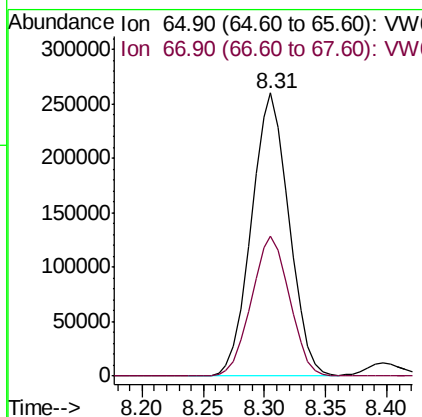
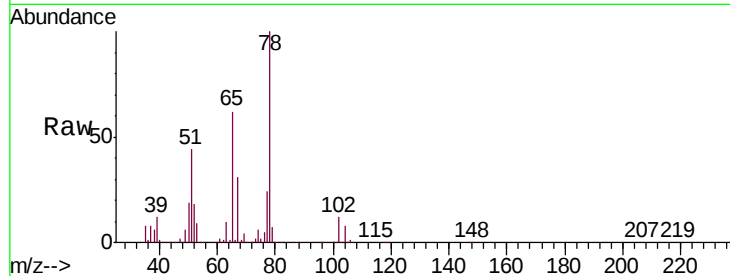
#33
 1,2-Dichloroethane-d4
 Concen: 179.125 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW009017.D
 Acq: 06 Mar 2019 12:59

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	556991		
67	50.1	0.0	102.2	

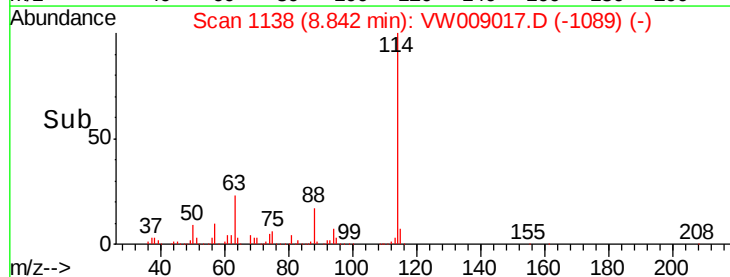
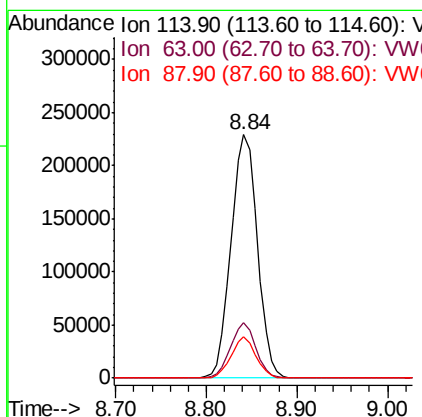
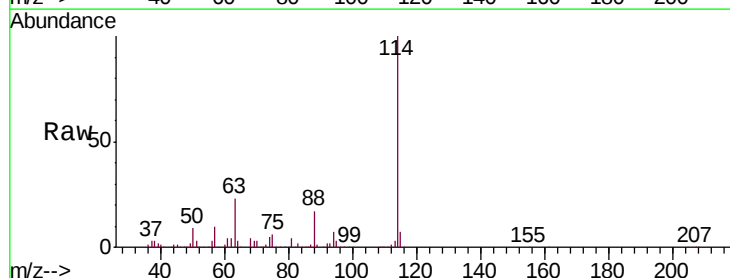
Manual Integrations
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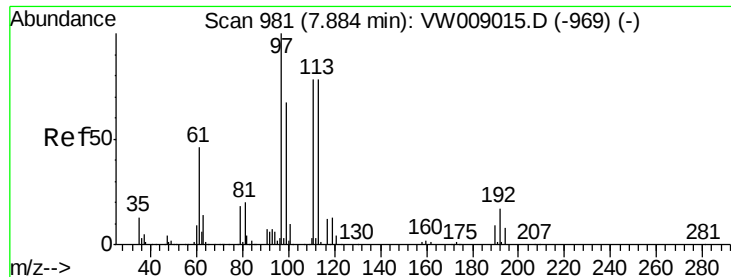
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW009017.D
 Acq: 06 Mar 2019 12:59

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	462710		
63	22.9	0.0	42.4	
88	16.9	0.0	30.8	





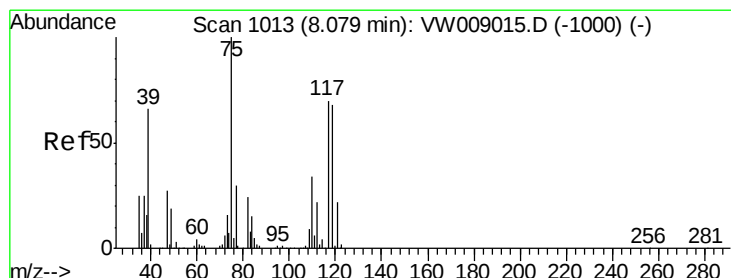
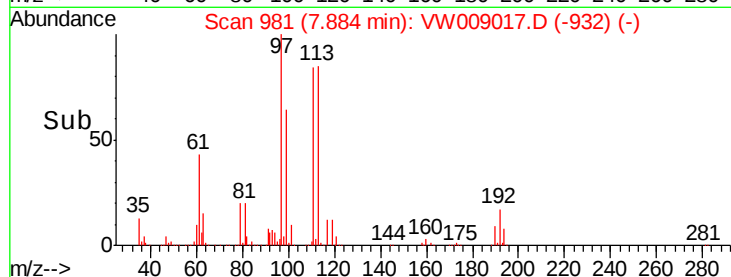
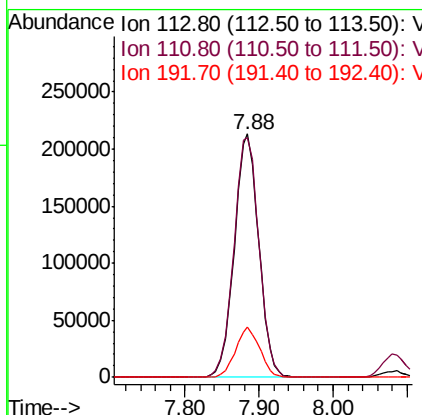
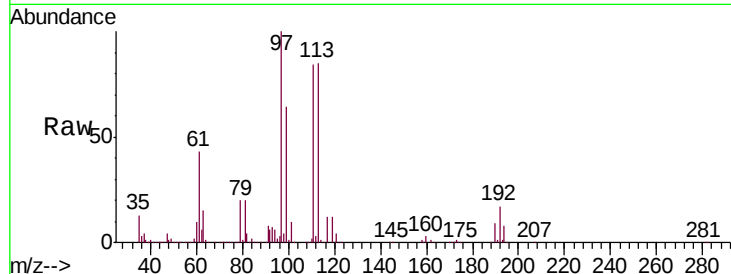
#35
Dibromofluoromethane
Concen: 175.947 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.00 min
Lab File: VW009017.D
Acq: 06 Mar 2019 12:59

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.7	80.5	120.7
192	20.6	16.7	25.1

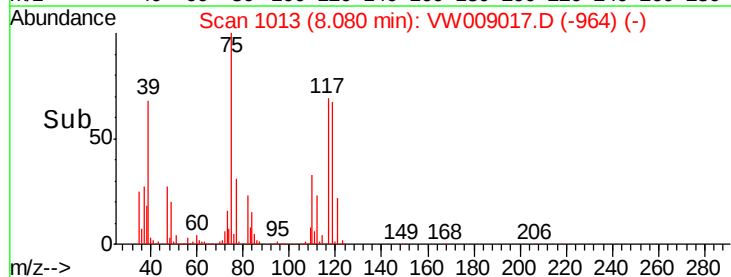
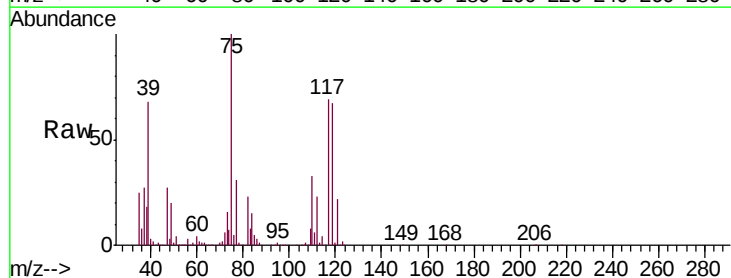
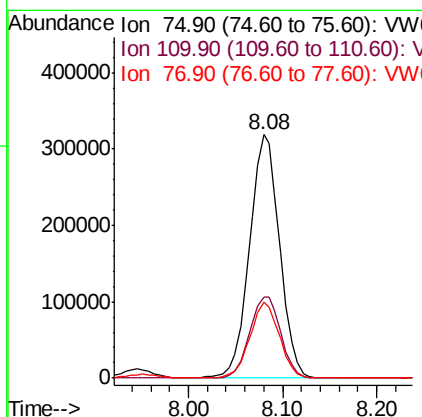
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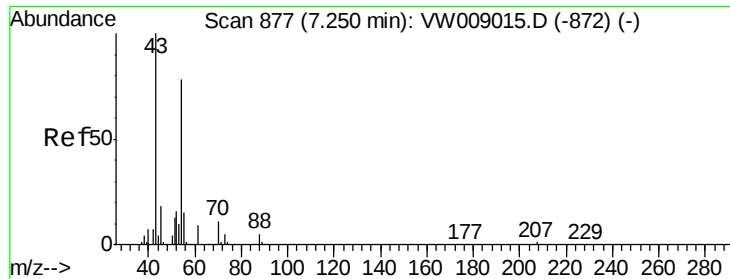
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#36
1,1-Dichloropropene
Concen: 154.770 ug/l
RT: 8.08 min Scan# 1013
Delta R.T. 0.00 min
Lab File: VW009017.D
Acq: 06 Mar 2019 12:59

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.6	17.3	51.9
77	30.8	24.8	37.2





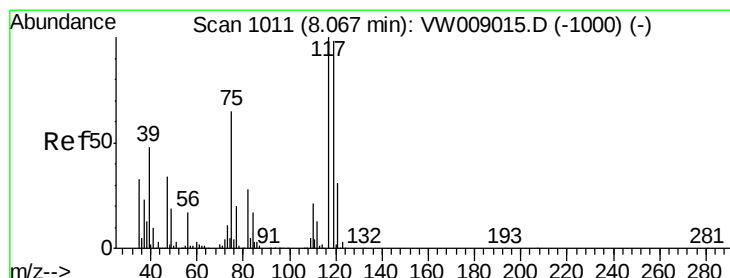
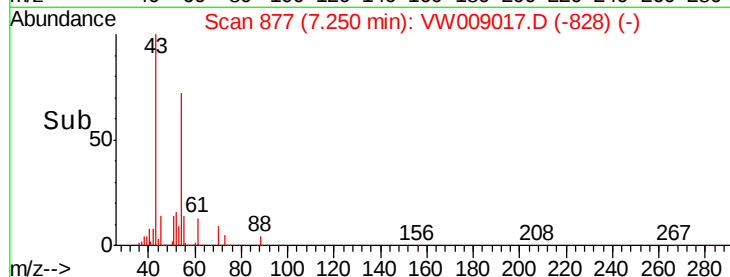
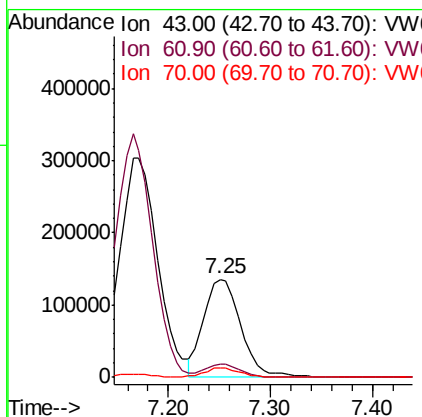
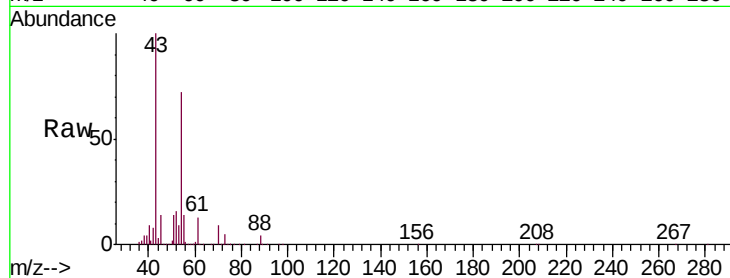
#37
Ethyl Acetate
Concen: 167.912 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW009017.D
Acq: 06 Mar 2019 12:59

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion	Ratio	Lower	Upper
43	100		
61	12.7	10.6	15.8
70	9.2	7.8	11.8

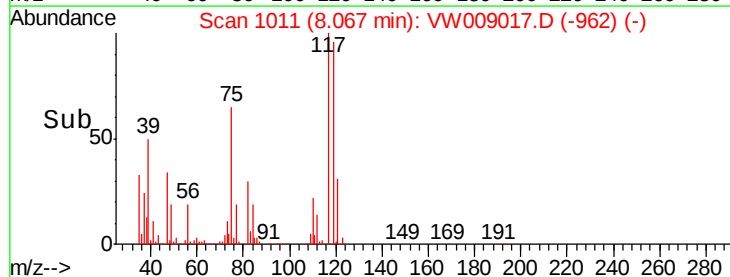
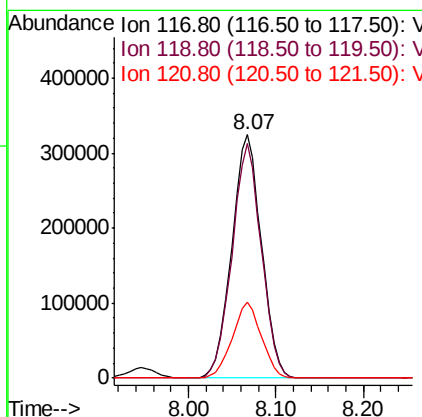
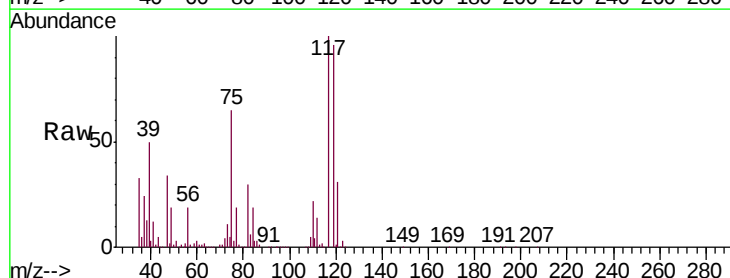
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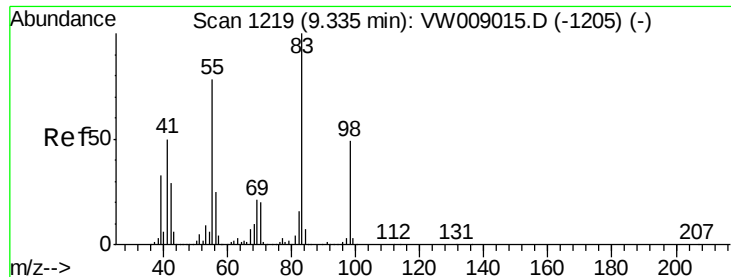
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#38
Carbon Tetrachloride
Concen: 160.388 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW009017.D
Acq: 06 Mar 2019 12:59

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.1	78.4	117.6
121	31.1	24.7	37.1





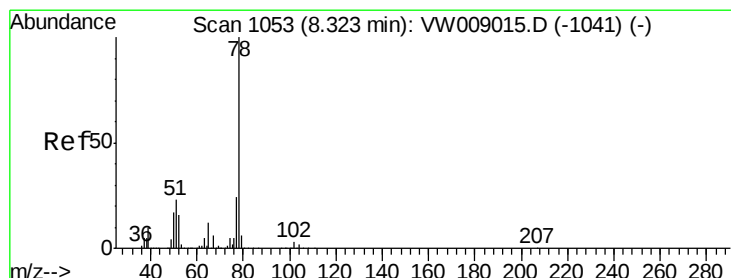
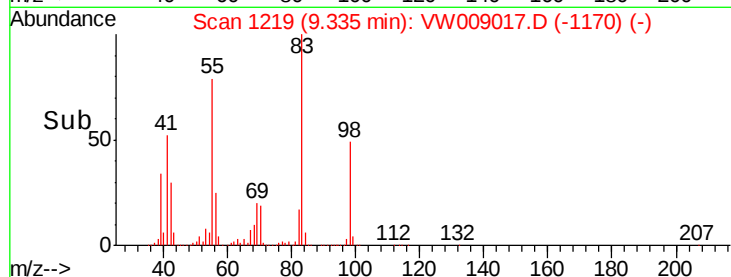
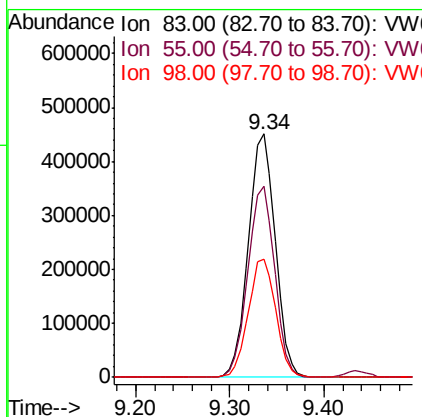
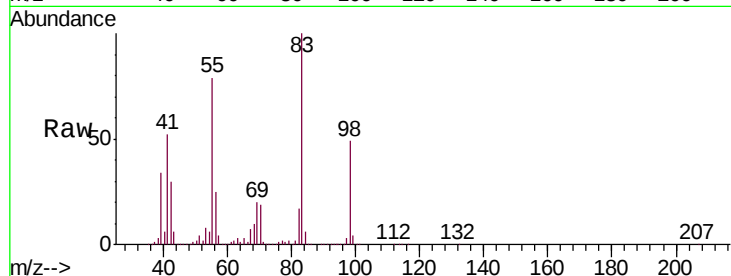
#39
Methylcyclohexane
Concen: 161.723 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW009017.D
Acq: 06 Mar 2019 12:59

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion	Ratio	Lower	Upper
83	100		
55	78.6	62.6	93.8
98	48.6	39.4	59.2

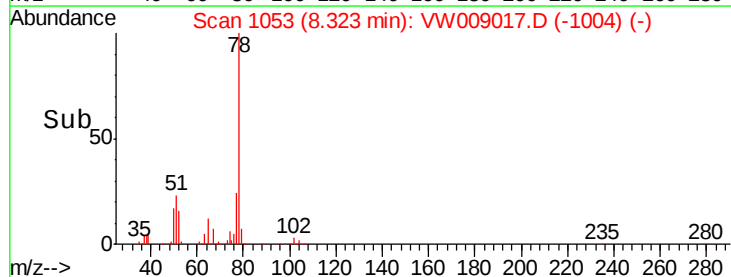
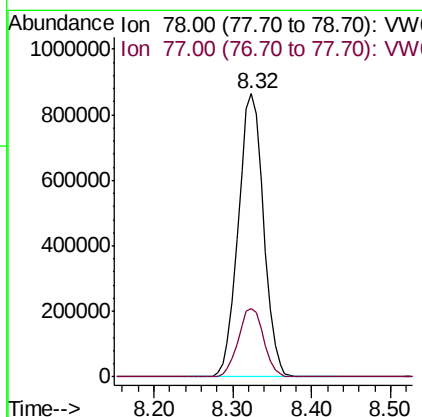
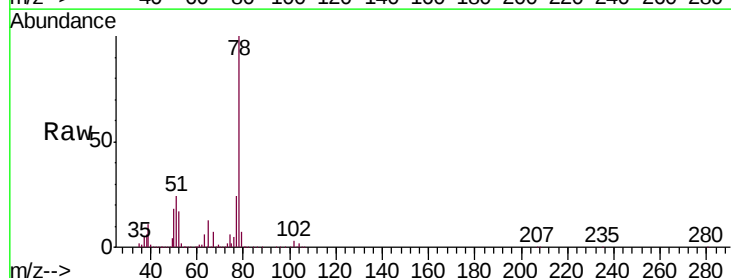
Manual Integrations
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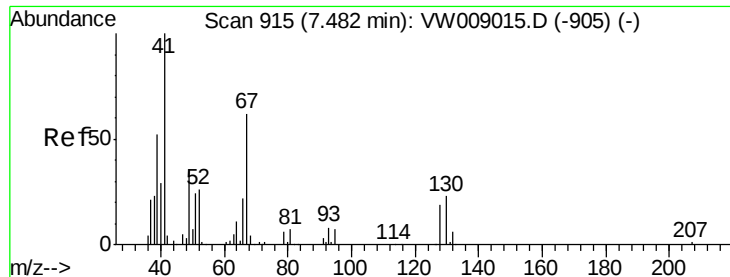
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#40
Benzene
Concen: 154.858 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW009017.D
Acq: 06 Mar 2019 12:59

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.4	18.9	28.3





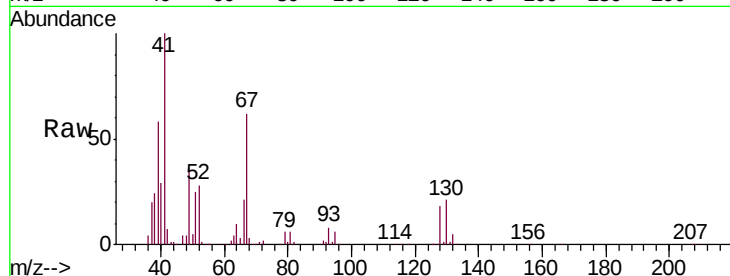
#41
Methacrylonitrile
Concen: 178.044 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW009017.D
Acq: 06 Mar 2019 12:59

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

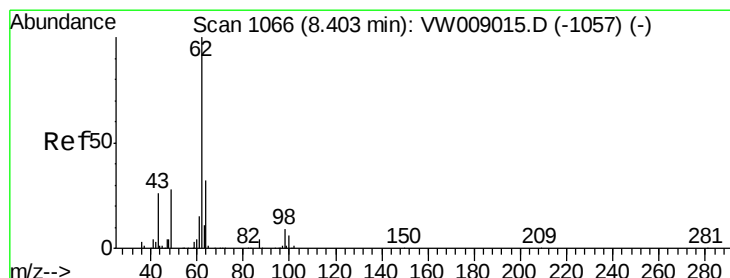
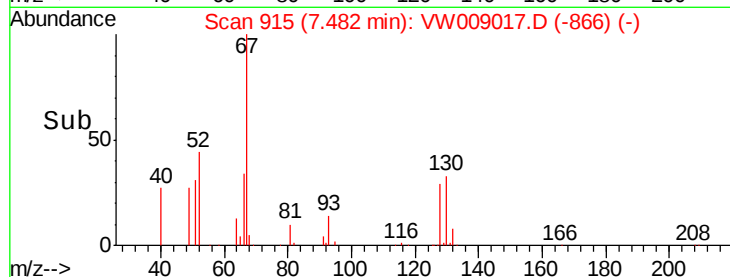
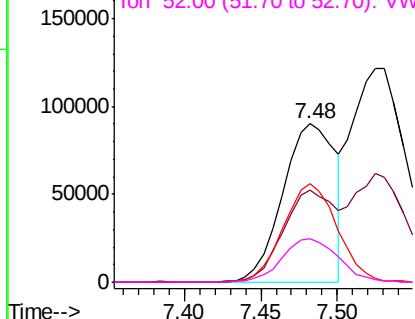
Tgt Ion	Ratio	Lower	Upper
41	100		
39	56.8	50.6	75.8
67	64.3	59.0	88.6
52	29.5	26.6	39.8

Manual Integrations
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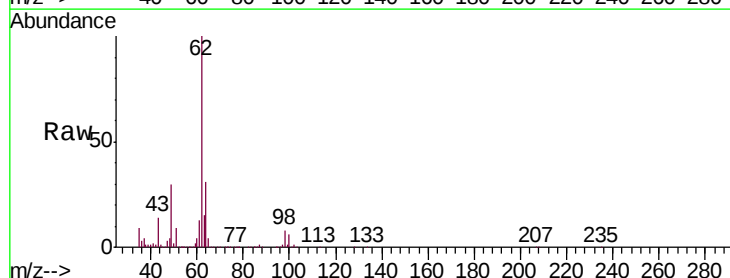


Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 39.00 (38.70 to 39.70): VW
Ion 67.00 (66.70 to 67.70): VW
Ion 52.00 (51.70 to 52.70): VW

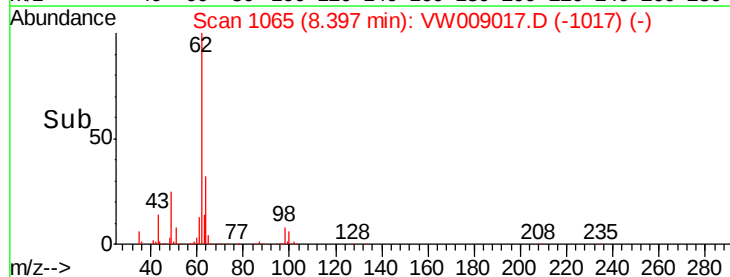
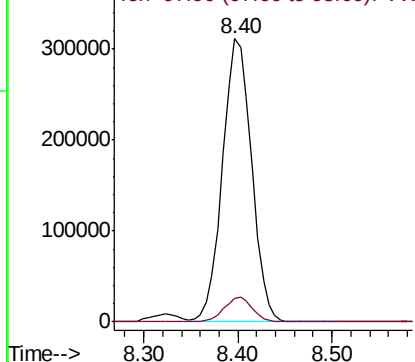


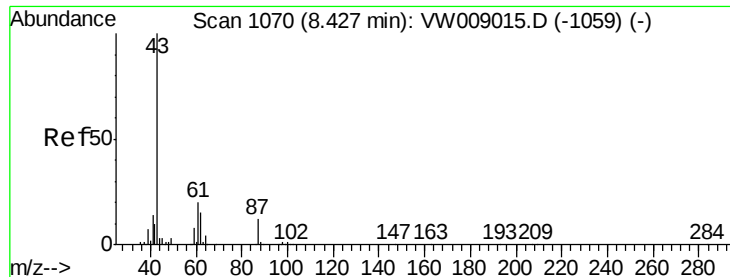
#42
1,2-Dichloroethane
Concen: 167.649 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. -0.01 min
Lab File: VW009017.D
Acq: 06 Mar 2019 12:59

Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	17.8



Abundance Ion 61.90 (61.60 to 62.60): VW
Ion 97.90 (97.60 to 98.60): VW





#43

Isopropyl Acetate

Concen: 174.487 ug/l

RT: 8.42 min Scan# 1069

Delta R.T. -0.01 min

Lab File: VW009017.D

Acq: 06 Mar 2019 12:59

Instrument :

MSVOA_W

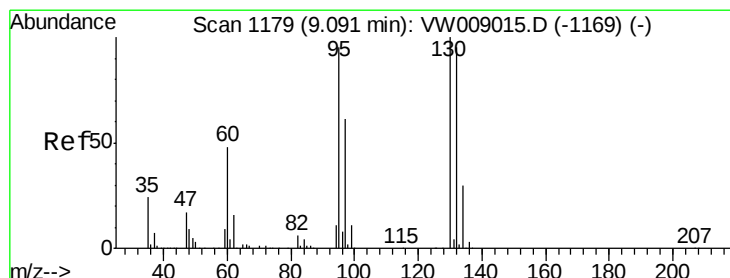
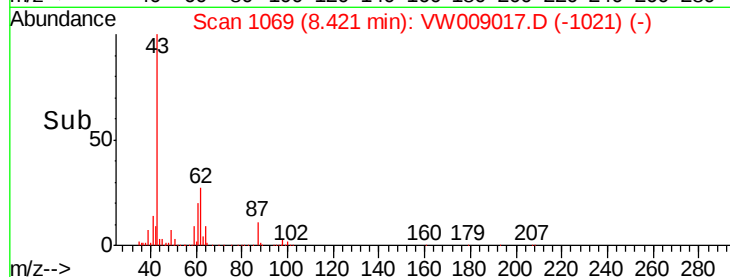
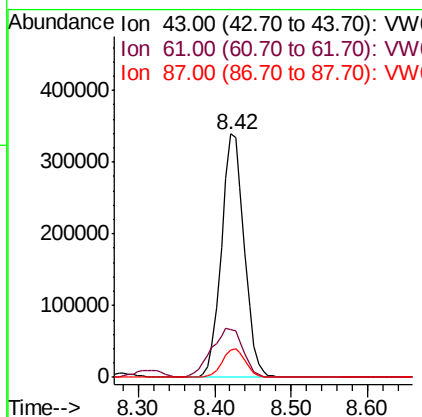
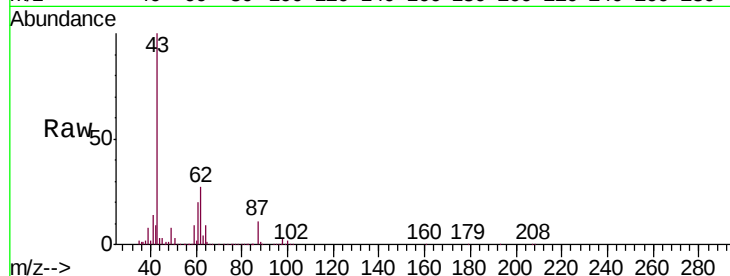
ClientSampleId :

VSTDIC150

Tgt Ion:	43	Resp:	698027
Ion Ratio	Lower	Upper	
43	100		
61	27.8	23.5	35.3
87	12.0	9.4	14.2

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#44

Trichloroethene

Concen: 151.998 ug/l

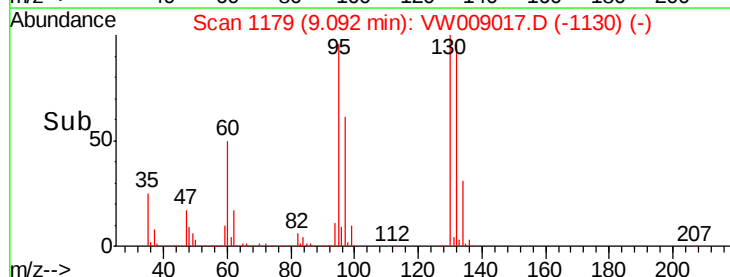
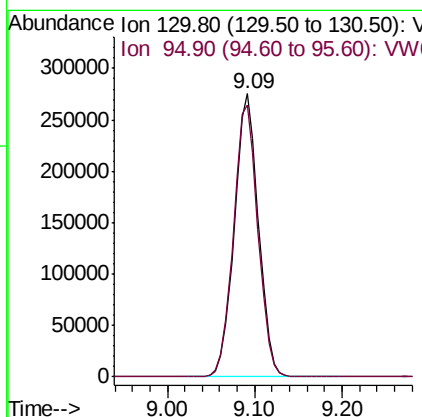
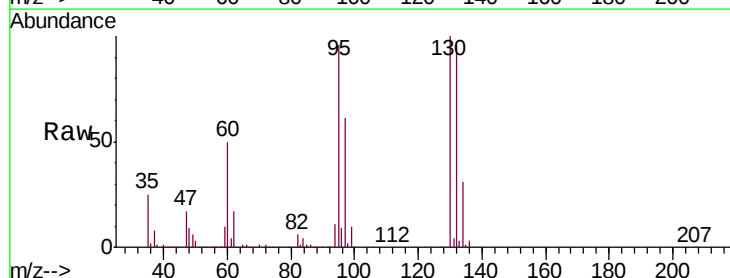
RT: 9.09 min Scan# 1179

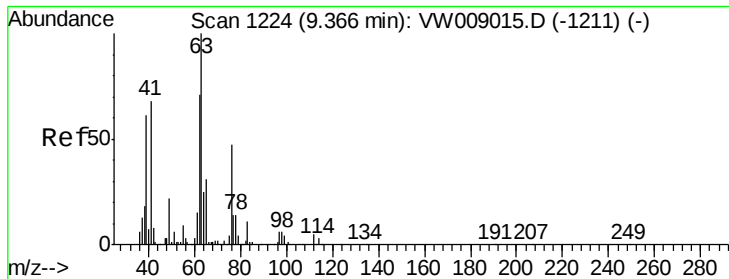
Delta R.T. 0.00 min

Lab File: VW009017.D

Acq: 06 Mar 2019 12:59

Tgt Ion:	130	Resp:	525950
Ion Ratio	Lower	Upper	
130	100		
95	95.9	0.0	190.0





#45

1,2-Dichloropropane

Concen: 157.777 ug/l

RT: 9.37 min Scan# 1224

Delta R.T. 0.00 min

Lab File: VW009017.D

Acq: 06 Mar 2019 12:59

Instrument :

MSVOA_W

ClientSampled :

VSTDIC150

Tgt Ion: 63 Resp: 485399

Ion Ratio Lower Upper

63 100

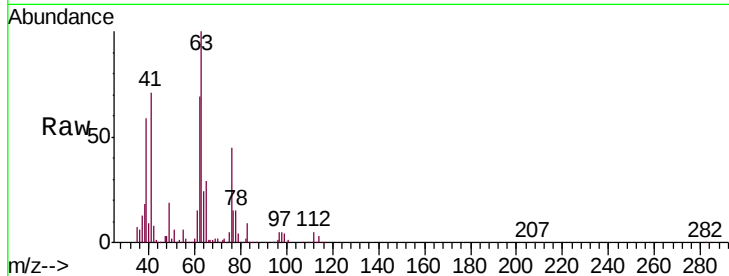
65 29.0 25.0 37.4

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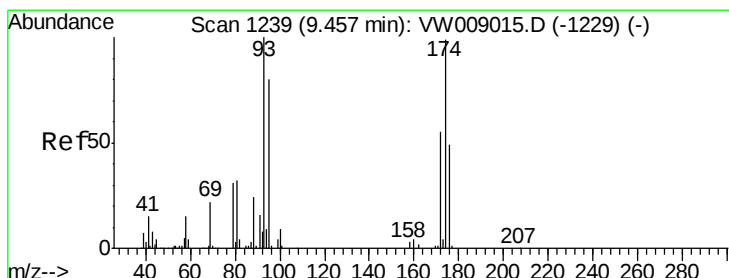
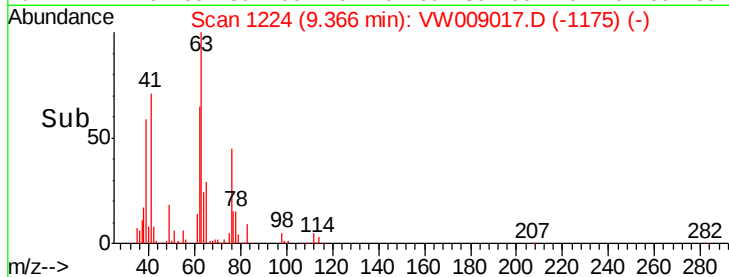
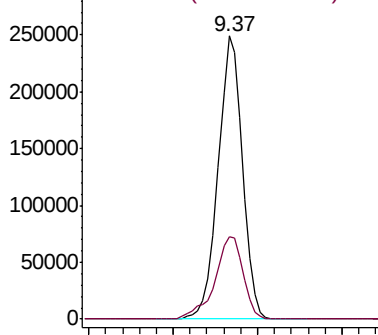
MMDadoda

3/8/2019 12:07:08 AM



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW



#46

Dibromomethane

Concen: 166.365 ug/l

RT: 9.46 min Scan# 1239

Delta R.T. 0.00 min

Lab File: VW009017.D

Acq: 06 Mar 2019 12:59

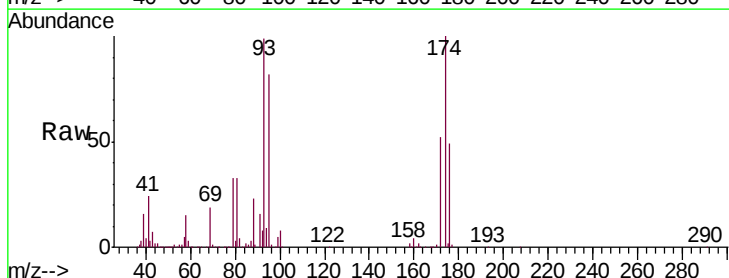
Tgt Ion: 93 Resp: 282361

Ion Ratio Lower Upper

93 100

95 81.7 64.1 96.1

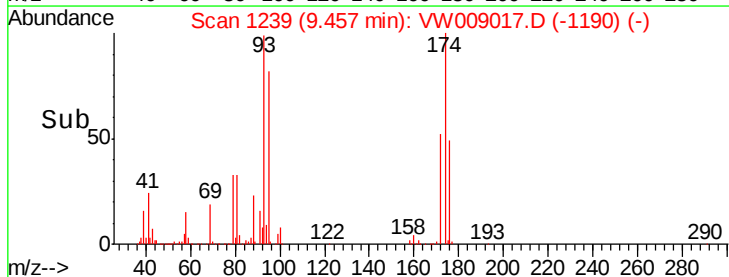
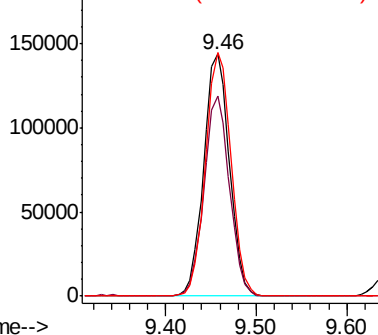
174 100.0 81.3 121.9

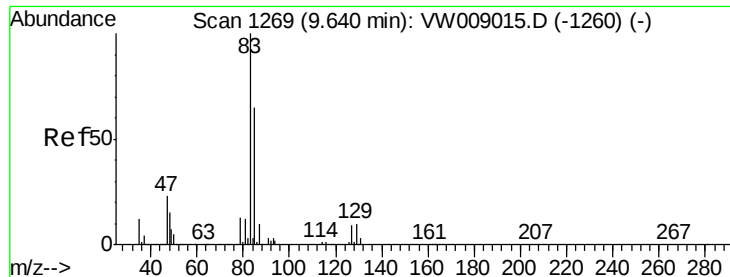


Abundance Ion 92.80 (92.50 to 93.50): VW

Ion 94.80 (94.50 to 95.50): VW

Ion 173.70 (173.40 to 174.40): V





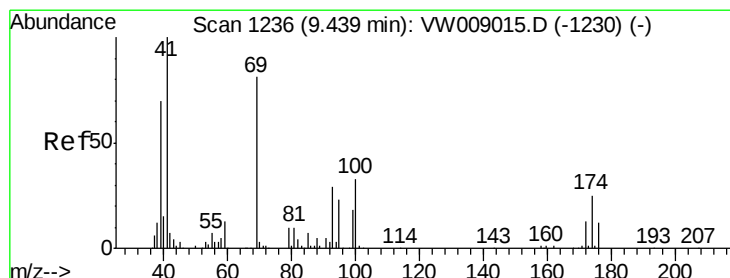
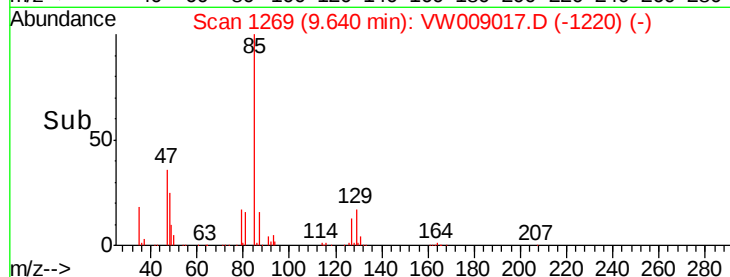
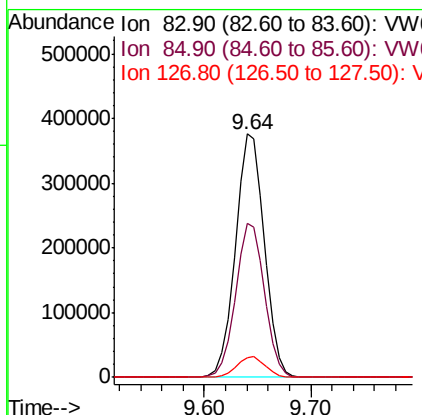
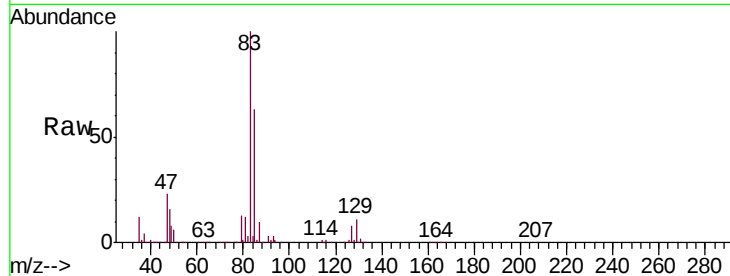
#47
 Bromodichloromethane
 Concen: 167.945 ug/l
 RT: 9.64 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VW009017.D
 Acq: 06 Mar 2019 12:59

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.2	51.9	77.9
127	8.0	7.0	10.6

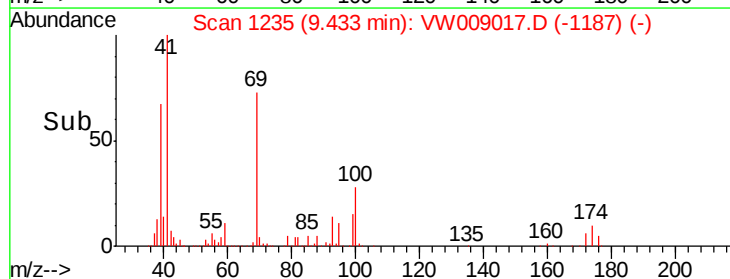
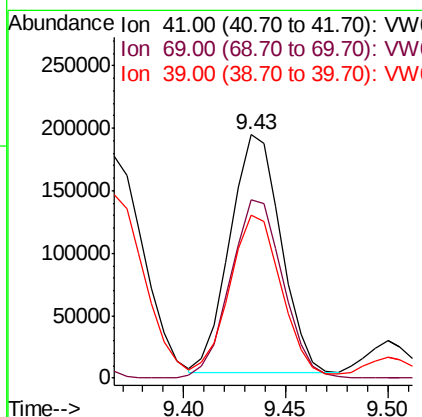
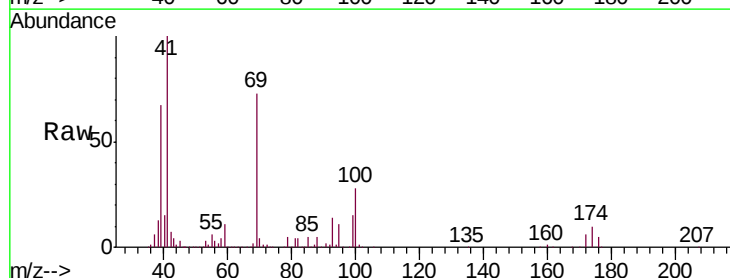
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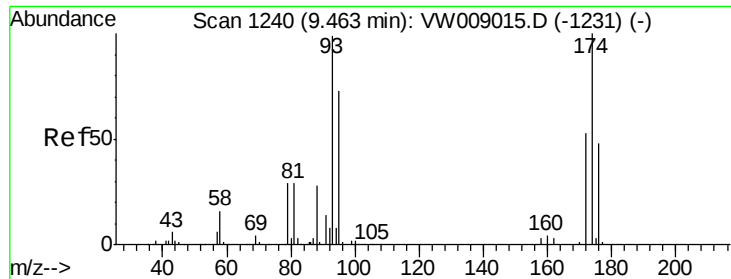
MMDadoda
 3/8/2019 12:07:08 AM



#48
 Methyl methacrylate
 Concen: 175.343 ug/l
 RT: 9.43 min Scan# 1235
 Delta R.T. -0.01 min
 Lab File: VW009017.D
 Acq: 06 Mar 2019 12:59

Tgt Ion	Ratio	Lower	Upper
41	100		
69	77.5	61.8	92.6
39	66.8	50.5	75.7





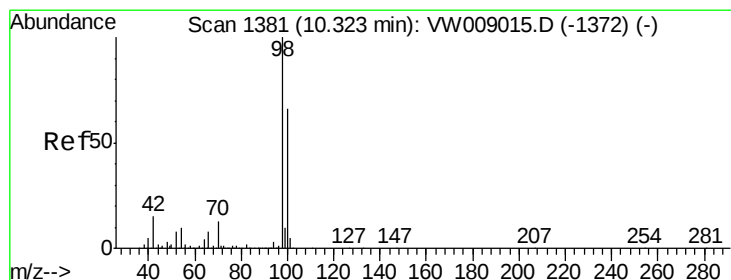
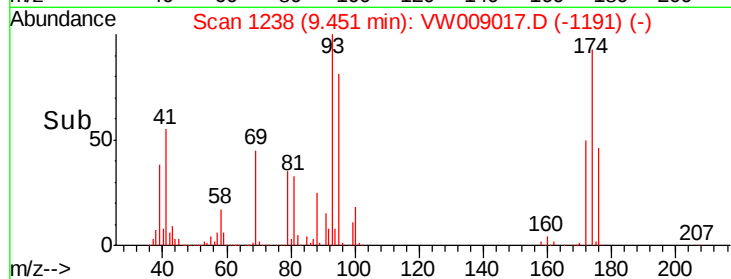
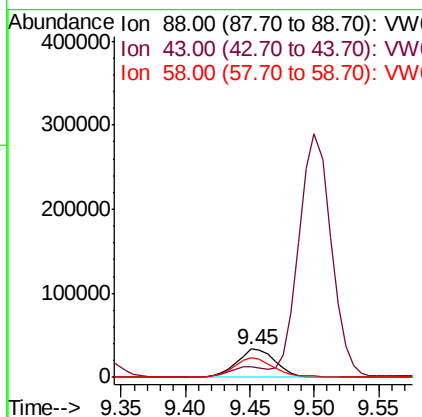
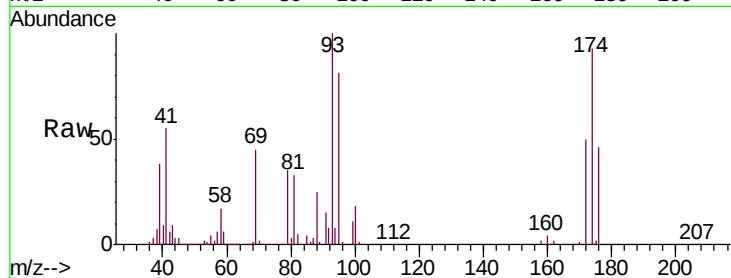
#49
1,4-Dioxane
Concen: 3020.840 ug/l
RT: 9.45 min Scan# 1238
Delta R.T. -0.01 min
Lab File: VW009017.D
Acq: 06 Mar 2019 12:59

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion: 88 Resp: 70089
Ion Ratio Lower Upper
88 100
43 35.6 0.0 0.0#
58 72.1 55.0 82.6

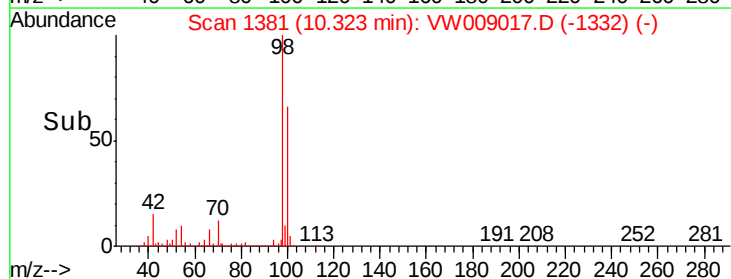
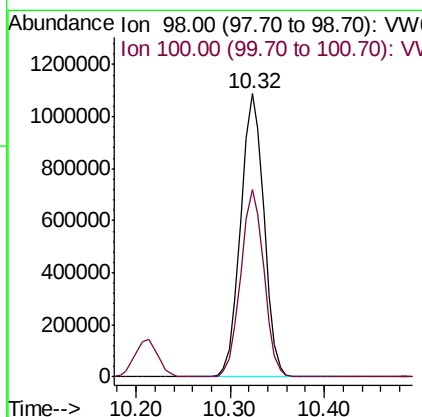
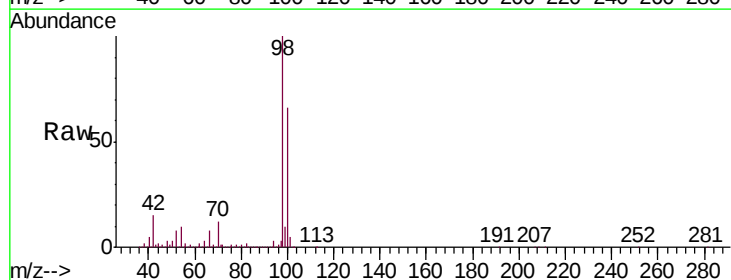
Manual Integrations
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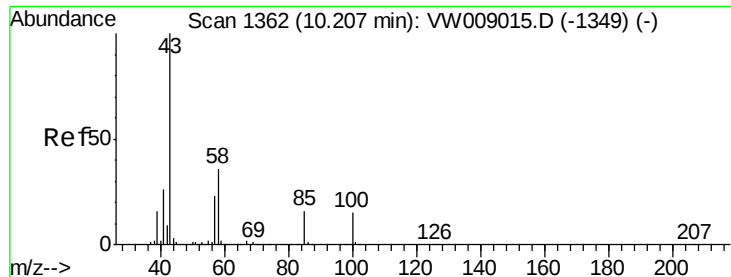
MMDadoda
3/8/2019 12:07:08 AM



#50
Toluene-d8
Concen: 163.851 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW009017.D
Acq: 06 Mar 2019 12:59

Tgt Ion: 98 Resp: 1875564
Ion Ratio Lower Upper
98 100
100 65.9 52.9 79.3





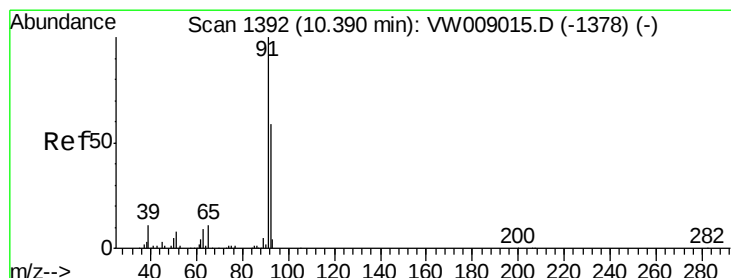
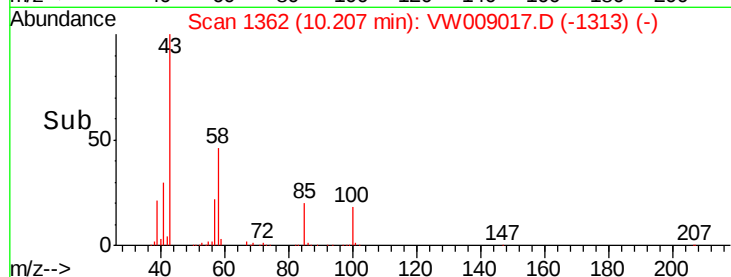
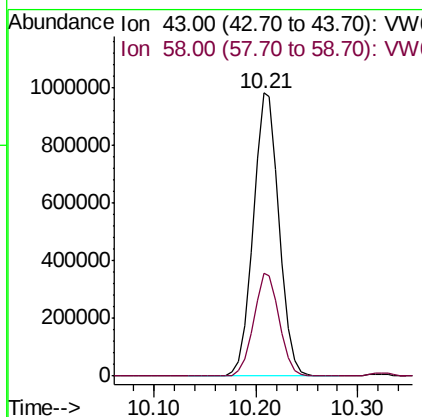
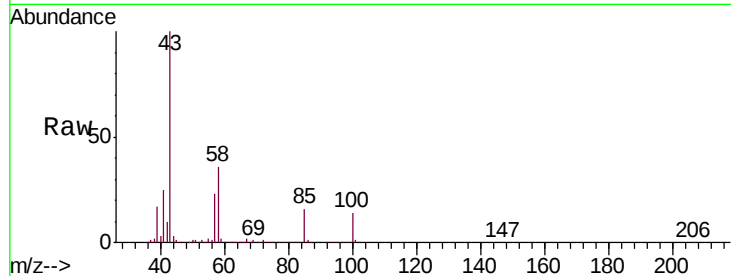
#51
4-Methyl-2-Pentanone
Concen: 855.965 ug/l
RT: 10.21 min Scan# 1362
Delta R.T. 0.00 min
Lab File: VW009017.D
Acq: 06 Mar 2019 12:59

Instrument :
MSVOA_W
ClientSampled :
VSTDIC150

Tgt Ion: 43 Resp: 1731609
Ion Ratio Lower Upper
43 100
58 36.0 29.0 43.4

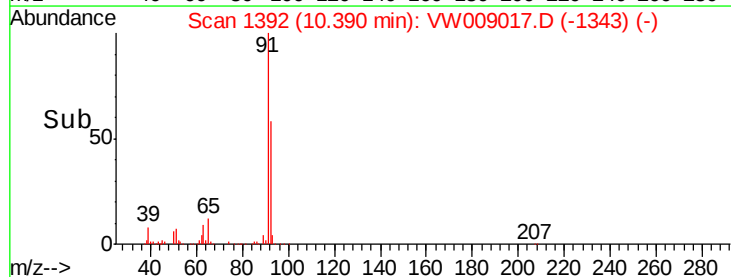
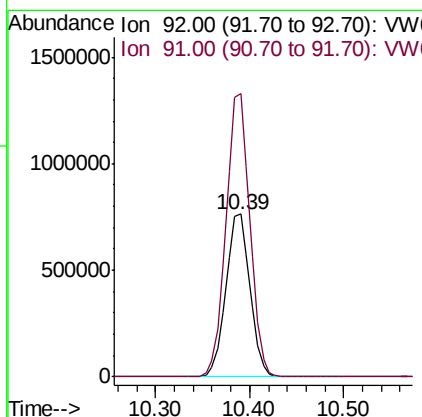
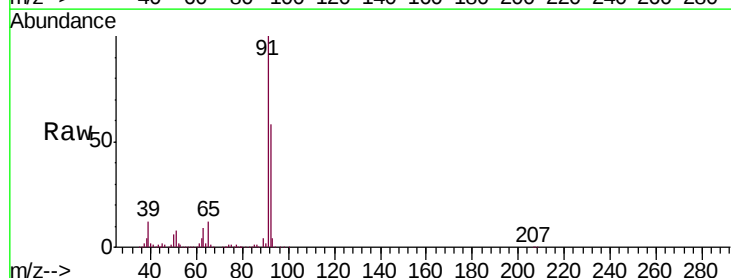
Manual Integrations
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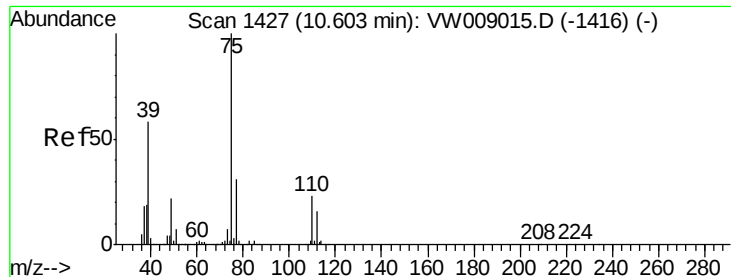
MMDadoda
3/8/2019 12:07:08 AM



#52
Toluene
Concen: 160.653 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW009017.D
Acq: 06 Mar 2019 12:59

Tgt Ion: 92 Resp: 1345881
Ion Ratio Lower Upper
92 100
91 172.9 138.1 207.1





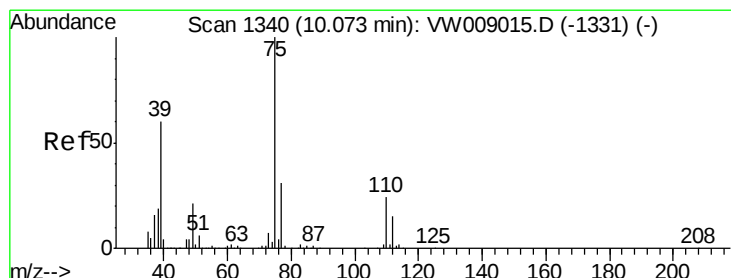
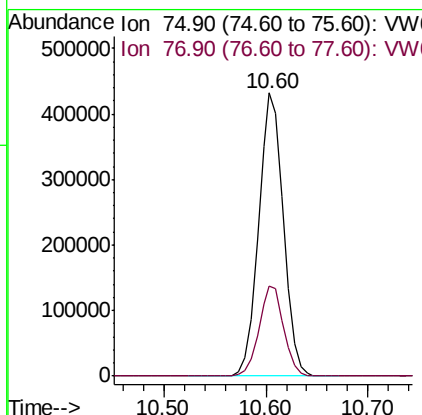
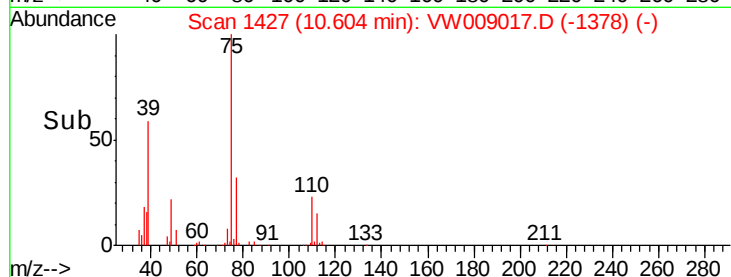
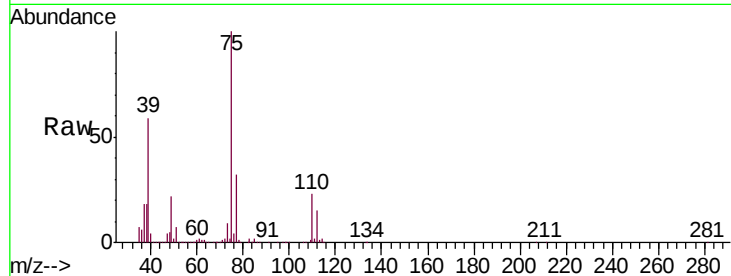
#53
t-1,3-Dichloropropene
Concen: 172.894 ug/l
RT: 10.60 min Scan# 1427
Delta R.T. 0.00 min
Lab File: VW009017.D
Acq: 06 Mar 2019 12:59

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion: 75 Resp: 729719
Ion Ratio Lower Upper
75 100
77 31.7 24.8 37.2

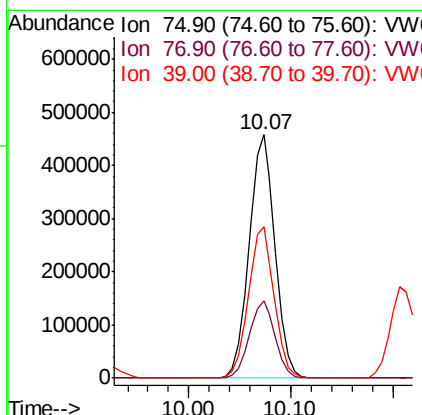
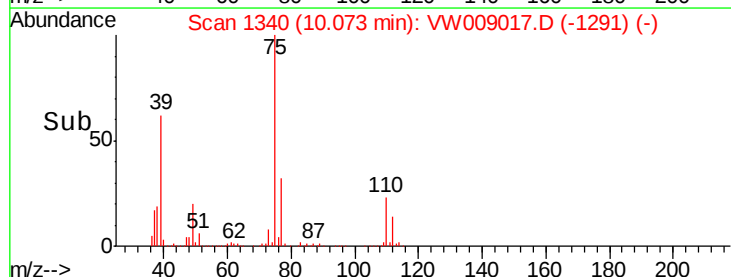
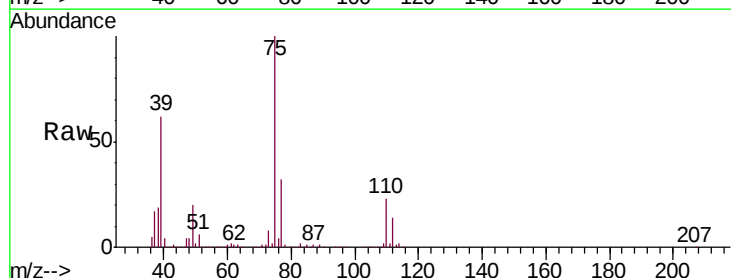
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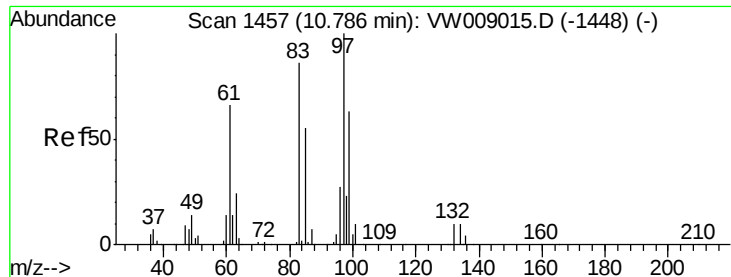
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 167.167 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. 0.00 min
Lab File: VW009017.D
Acq: 06 Mar 2019 12:59

Tgt Ion: 75 Resp: 805448
Ion Ratio Lower Upper
75 100
77 31.9 25.0 37.4
39 61.9 48.2 72.2





#55

1,1,2-Trichloroethane

Concen: 161.168 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. 0.00 min

Lab File: VW009017.D

Acq: 06 Mar 2019 12:59

Instrument :

MSVOA_W

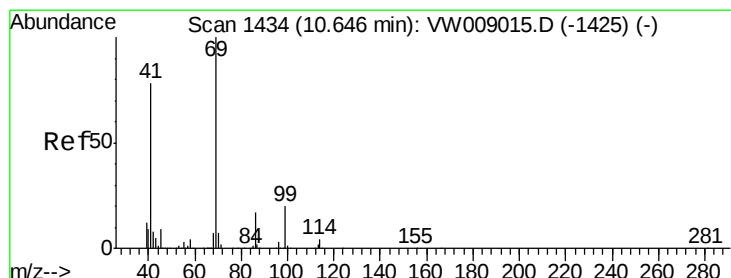
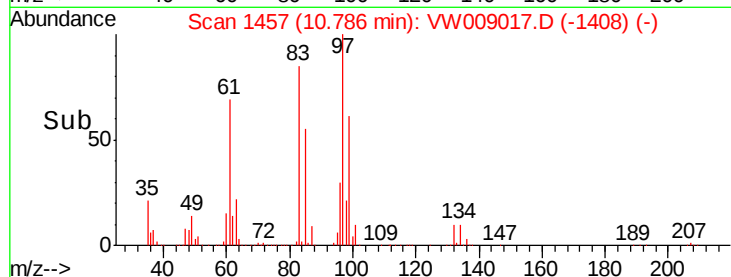
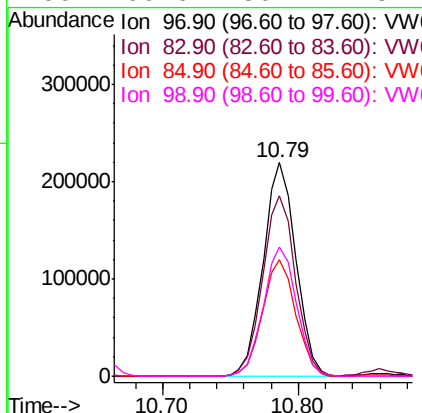
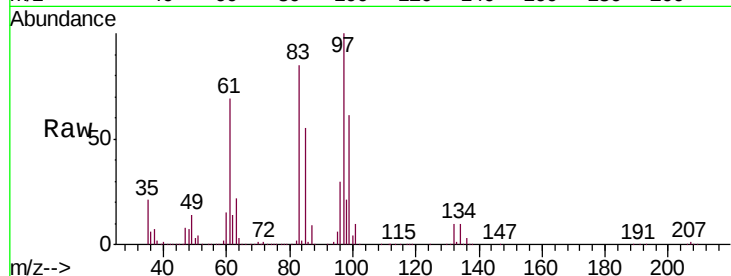
ClientSampleId :

VSTDIC150

Tgt Ion:	97	Resp:	371527
Ion	Ratio	Lower	Upper
97	100		
83	84.6	68.8	103.2
85	54.8	43.7	65.5
99	60.6	50.1	75.1

Manual Integrations
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3/8/2019 12:07:08 AM



#56

Ethyl methacrylate

Concen: 179.062 ug/l

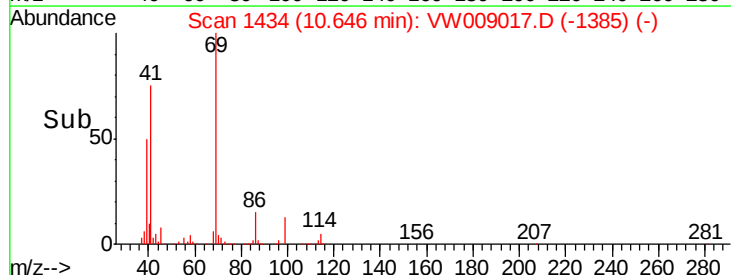
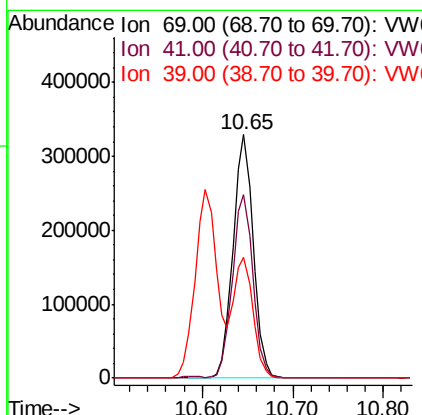
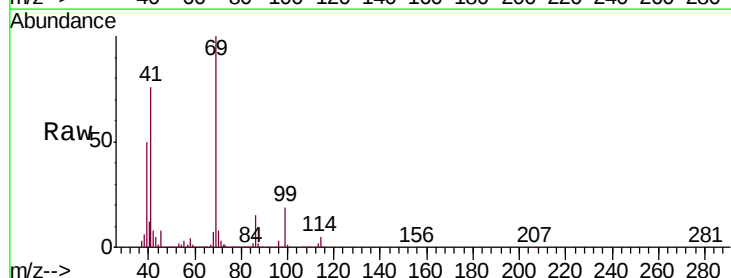
RT: 10.65 min Scan# 1434

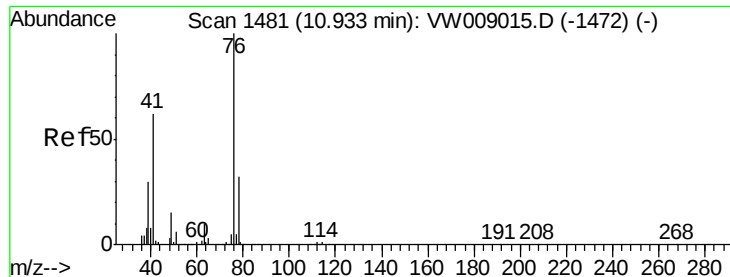
Delta R.T. 0.00 min

Lab File: VW009017.D

Acq: 06 Mar 2019 12:59

Tgt Ion:	69	Resp:	510587
Ion	Ratio	Lower	Upper
69	100		
41	76.1	58.9	88.3
39	47.0	37.6	56.4





#57

1,3-Dichloropropane

Concen: 160.871 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. 0.00 min

Lab File: VW009017.D

Acq: 06 Mar 2019 12:59

Instrument :

MSVOA_W

ClientSampleId :

VSTDICC150

Tgt Ion: 76 Resp: 652132

Ion Ratio Lower Upper

76 100

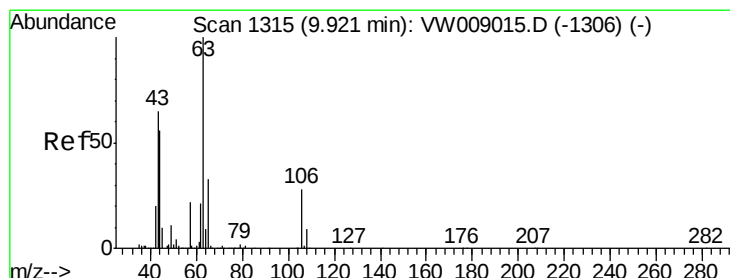
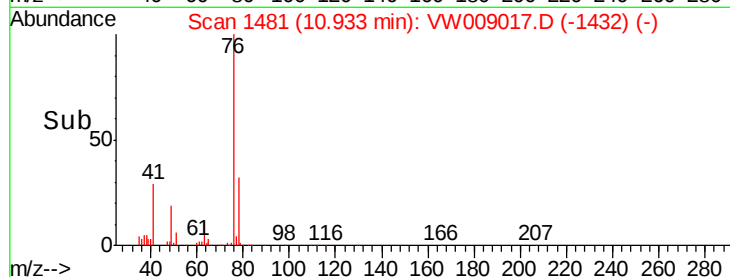
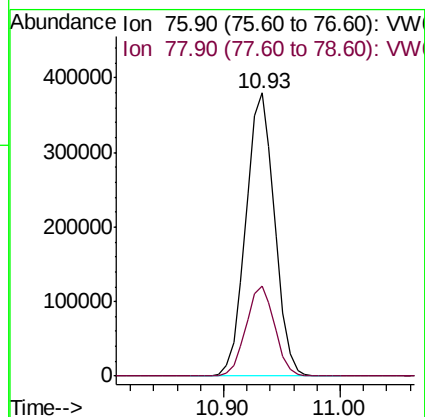
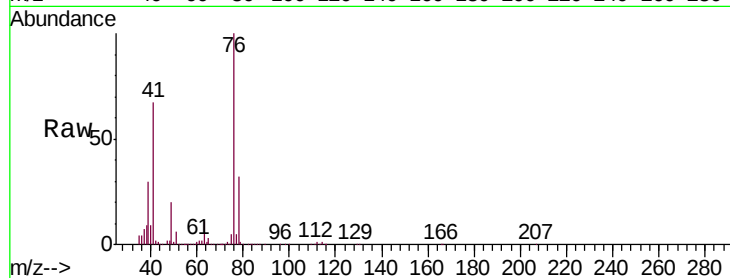
78 31.9 25.6 38.4

Manual Integrations

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3/8/2019 12:07:08 AM



#58

2-Chloroethyl Vinyl ether

Concen: 840.267 ug/l

RT: 9.92 min Scan# 1315

Delta R.T. 0.00 min

Lab File: VW009017.D

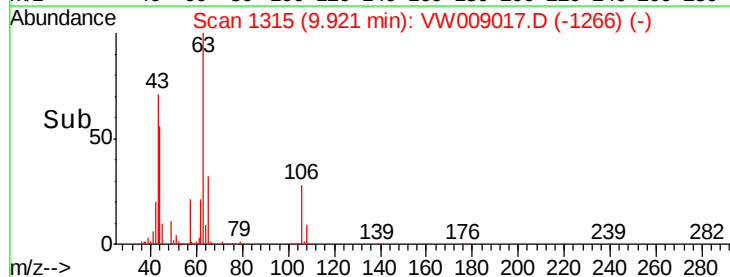
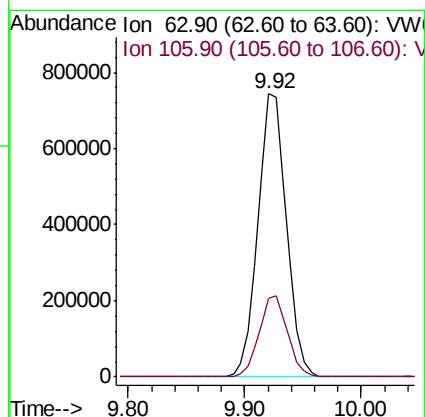
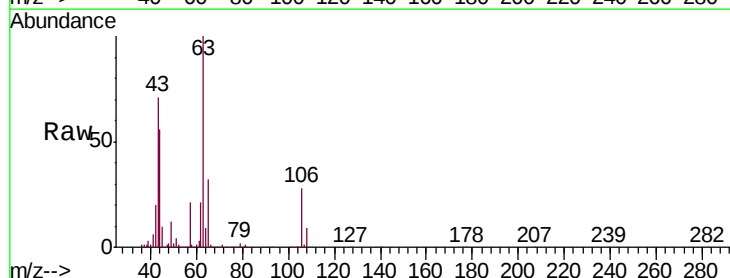
Acq: 06 Mar 2019 12:59

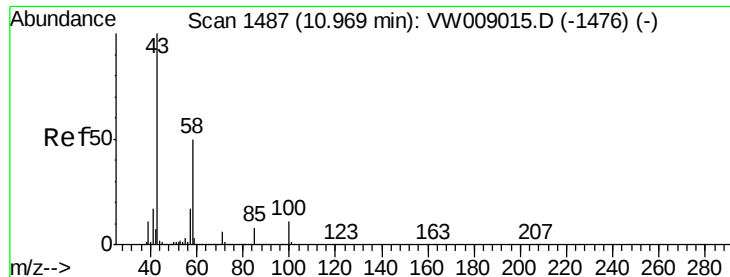
Tgt Ion: 63 Resp: 1271372

Ion Ratio Lower Upper

63 100

106 28.4 23.0 34.6





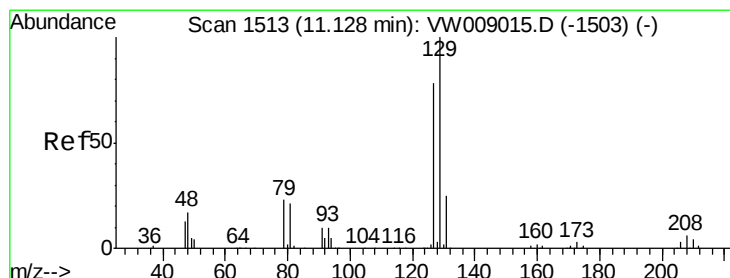
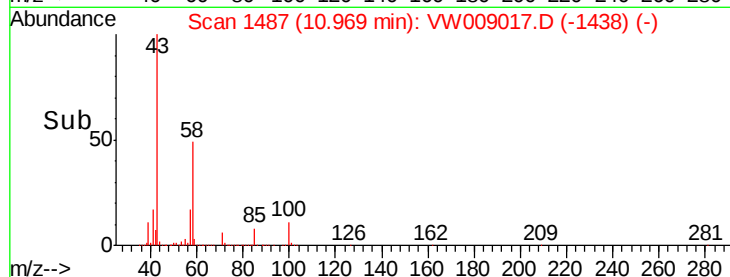
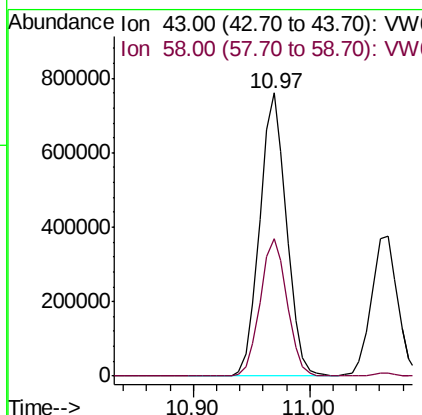
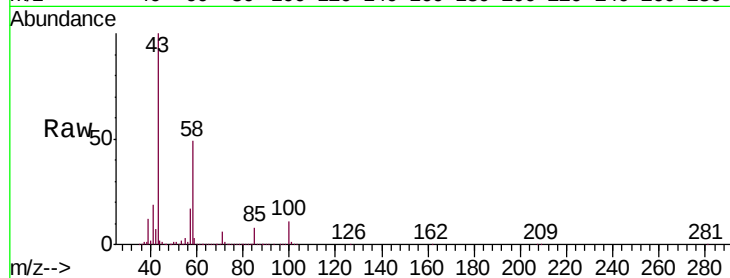
#59
2-Hexanone
Concen: 847.592 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW009017.D
Acq: 06 Mar 2019 12:59

Instrument :
MSVOA_W
ClientSampleId :
VSTDICC150

Tgt Ion: 43 Resp: 1205417
Ion Ratio Lower Upper
43 100
58 49.0 25.3 75.8

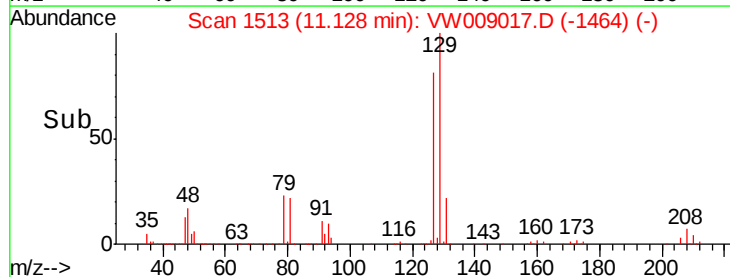
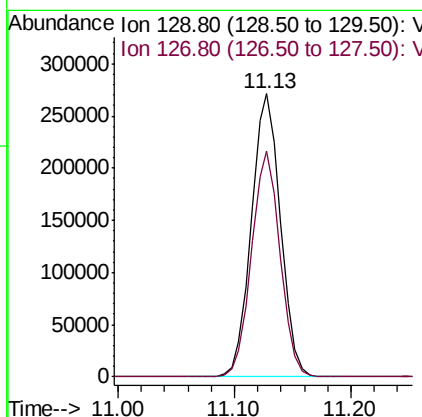
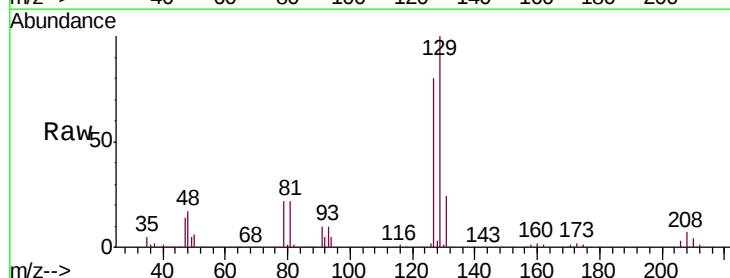
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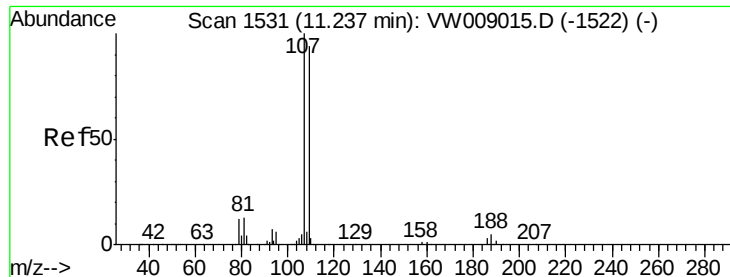
MMDadoda
3/8/2019 12:07:08 AM



#60
Dibromochloromethane
Concen: 168.765 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW009017.D
Acq: 06 Mar 2019 12:59

Tgt Ion: 129 Resp: 472533
Ion Ratio Lower Upper
129 100
127 78.1 39.0 116.9





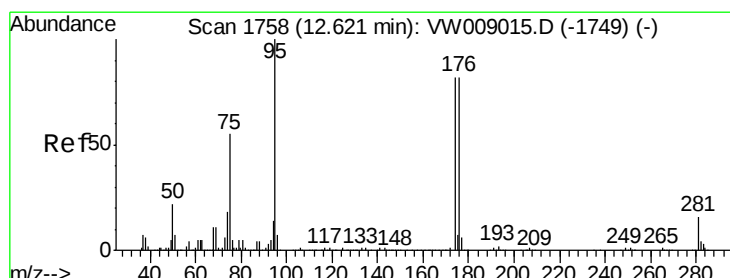
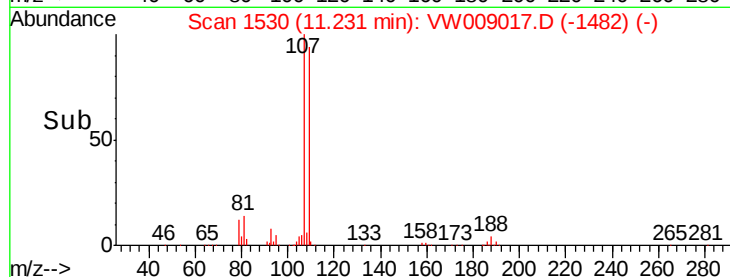
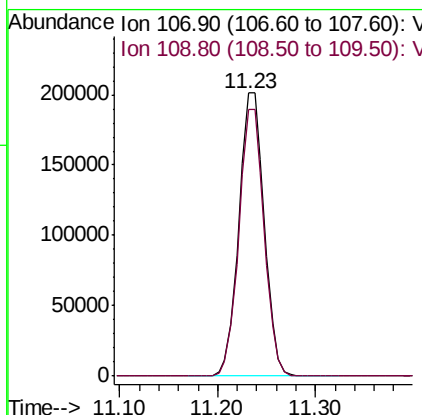
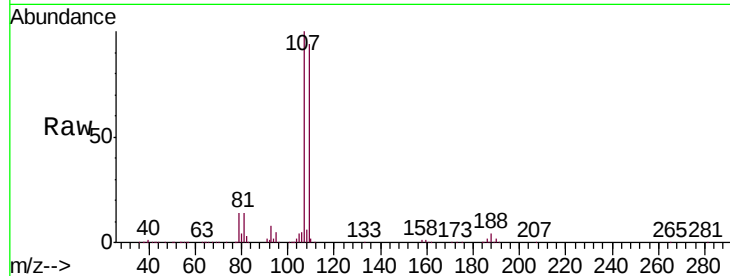
#61
 1,2-Dibromoethane
 Concen: 164.609 ug/l
 RT: 11.23 min Scan# 1530
 Delta R.T. -0.01 min
 Lab File: VW009017.D
 Acq: 06 Mar 2019 12:59

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tgt Ion	Ratio	Lower	Upper
107	100		
109	94.1	75.7	113.5

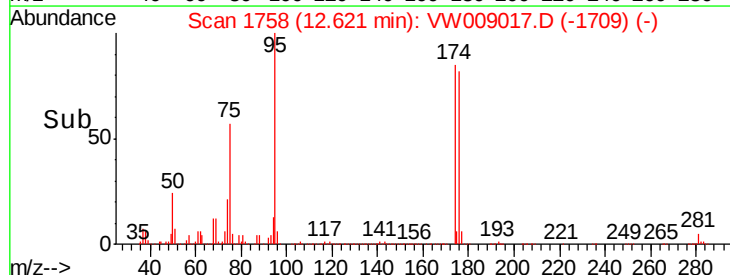
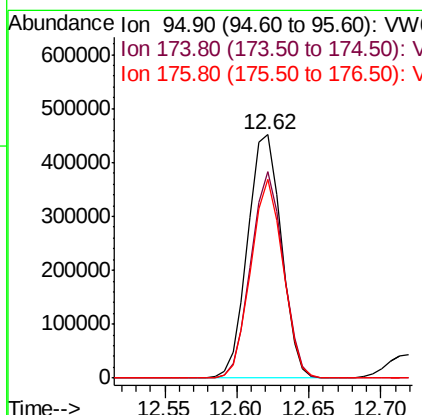
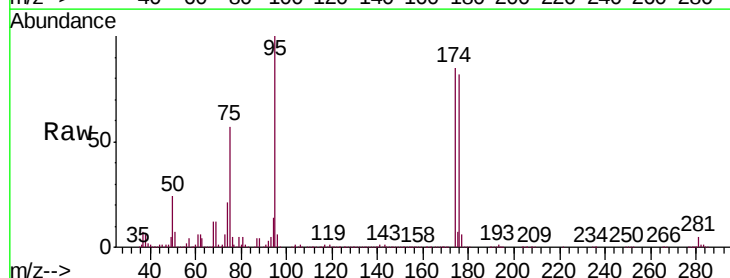
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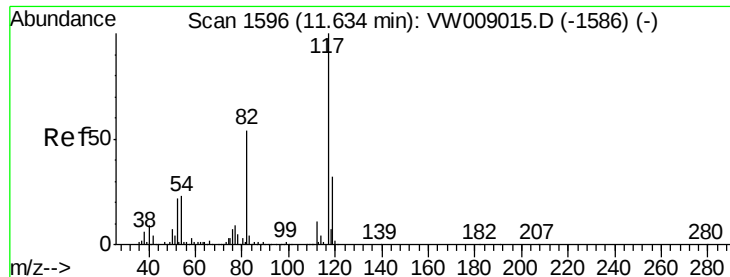
MMDadoda
 3/8/2019 12:07:08 AM



#62
 4-Bromofluorobenzene
 Concen: 165.161 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW009017.D
 Acq: 06 Mar 2019 12:59

Tgt Ion	Ratio	Lower	Upper
95	100		
174	81.5	0.0	165.8
176	78.2	0.0	159.8





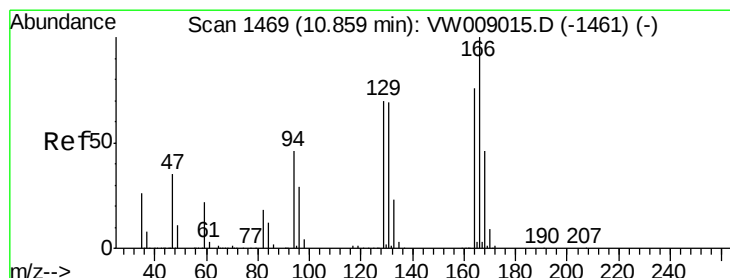
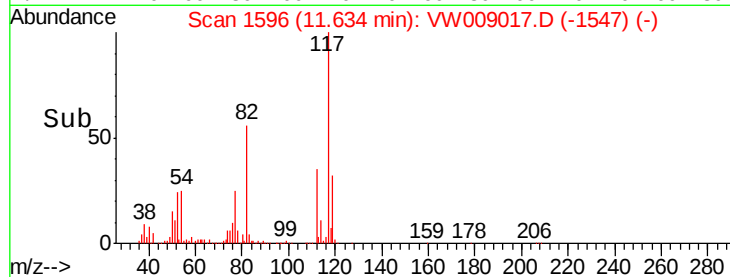
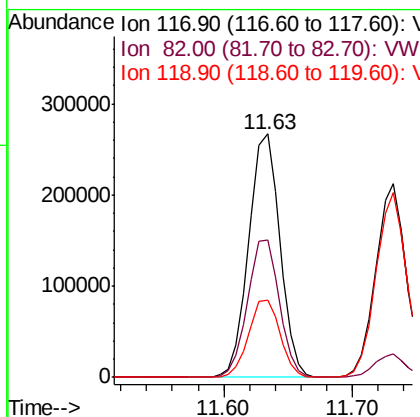
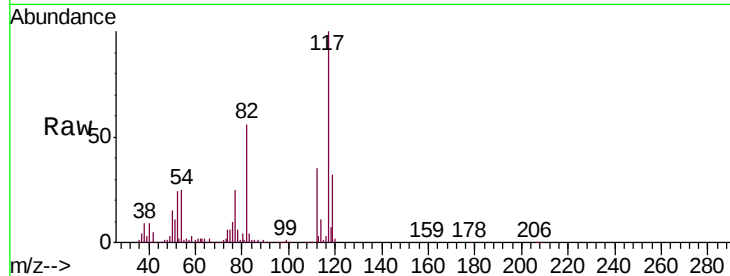
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW009017.D
Acq: 06 Mar 2019 12:59

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	445555		
82	56.3	43.4	65.2	
119	31.9	25.8	38.8	

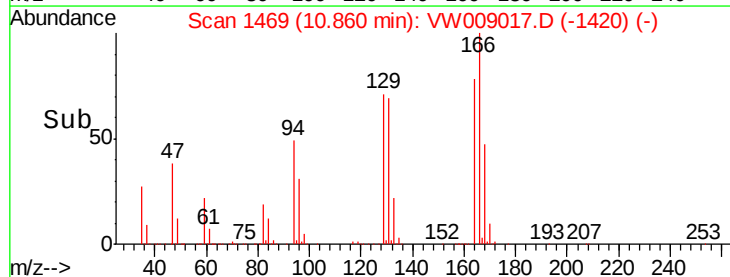
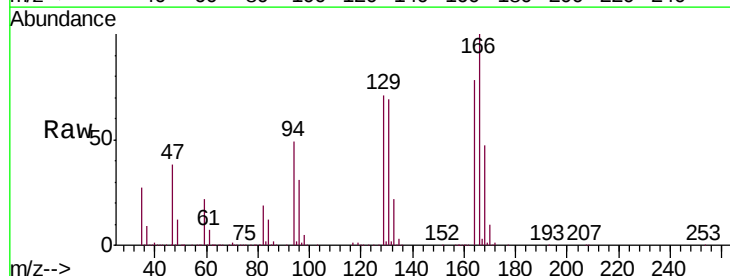
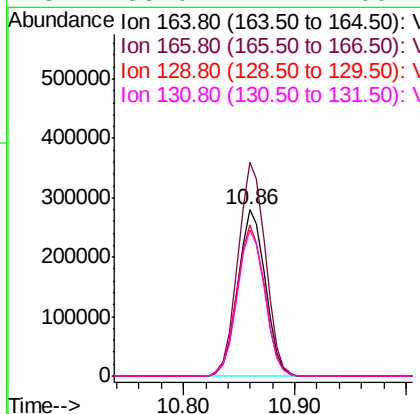
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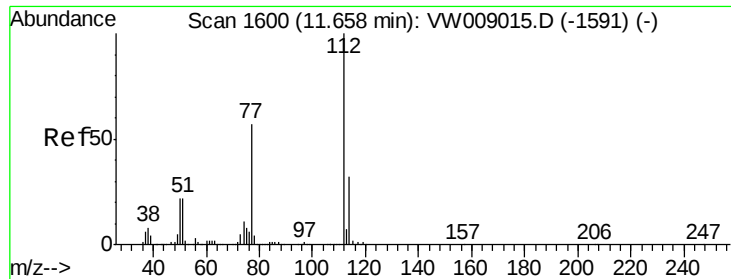
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#64
Tetrachloroethene
Concen: 154.938 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW009017.D
Acq: 06 Mar 2019 12:59

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	476650		
166	128.4	104.6	157.0	
129	91.2	73.4	110.2	
131	88.0	72.7	109.1	





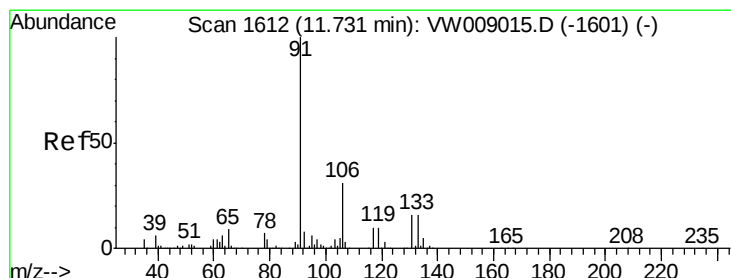
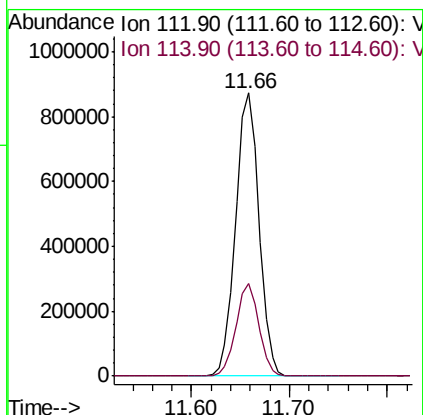
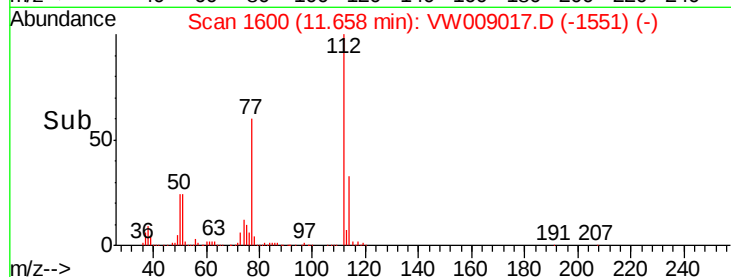
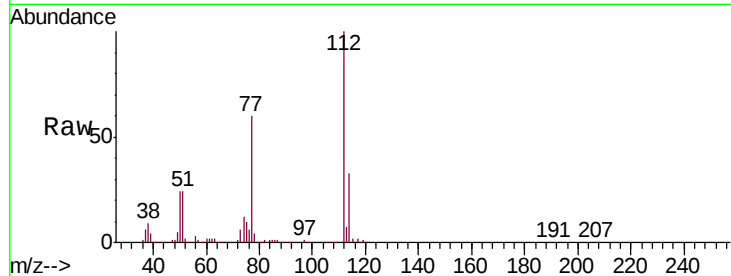
#65
Chlorobenzene
Concen: 156.962 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW009017.D
Acq: 06 Mar 2019 12:59

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion:112 Resp: 1451615
Ion Ratio Lower Upper
112 100
114 32.7 25.5 38.3

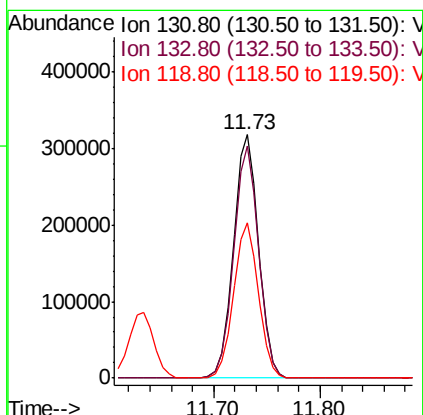
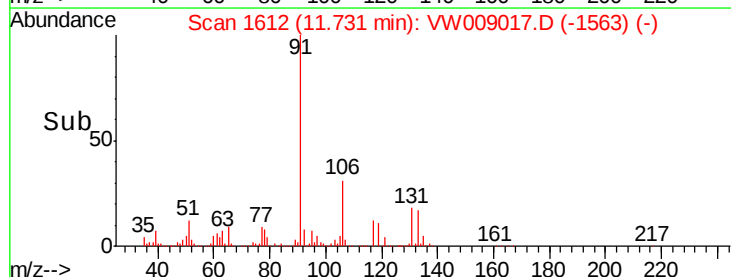
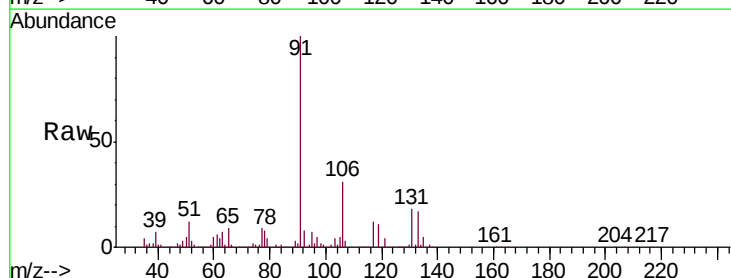
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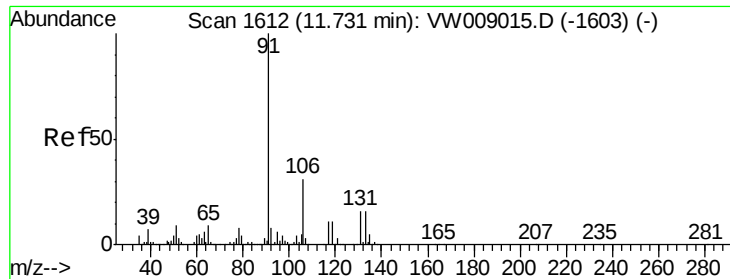
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#66
1,1,1,2-Tetrachloroethane
Concen: 168.562 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW009017.D
Acq: 06 Mar 2019 12:59

Tgt Ion:131 Resp: 523523
Ion Ratio Lower Upper
131 100
133 95.1 48.1 144.3
119 63.4 31.1 93.5





#67

Ethyl Benzene

Concen: 165.812 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW009017.D

Acq: 06 Mar 2019 12:59

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tgt Ion: 91 Resp: 2780330

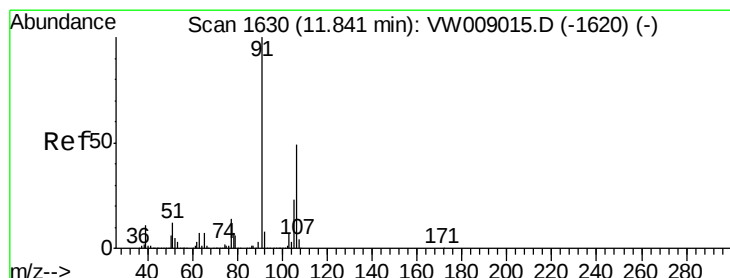
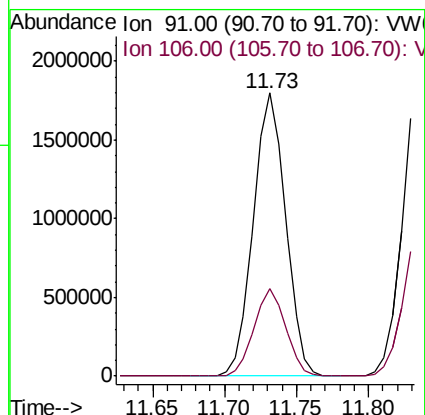
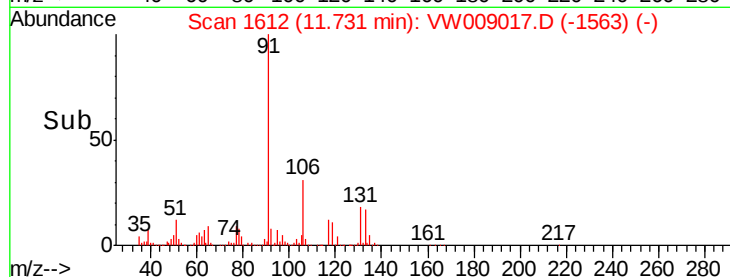
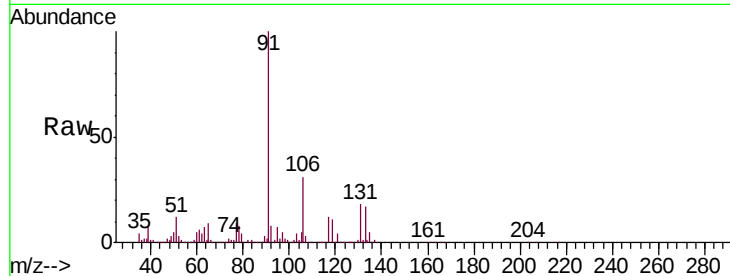
Ion Ratio Lower Upper

91 100

106 30.8 25.2 37.8

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#68

m/p-Xylenes

Concen: 331.611 ug/l

RT: 11.84 min Scan# 1630

Delta R.T. 0.00 min

Lab File: VW009017.D

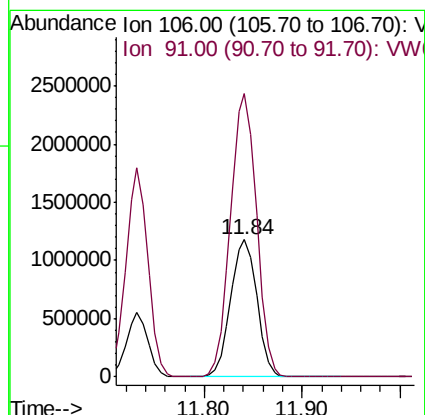
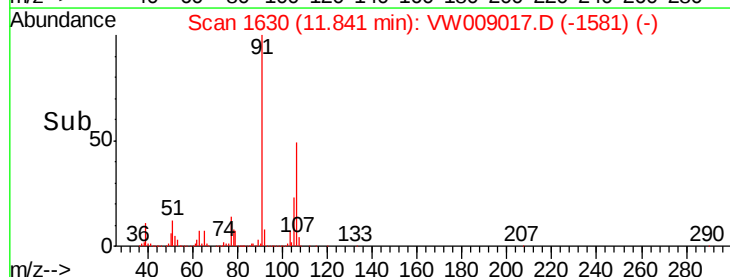
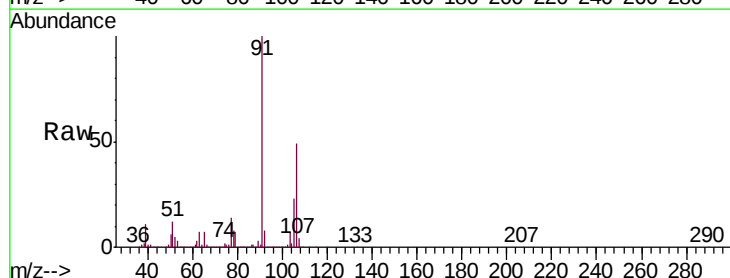
Acq: 06 Mar 2019 12:59

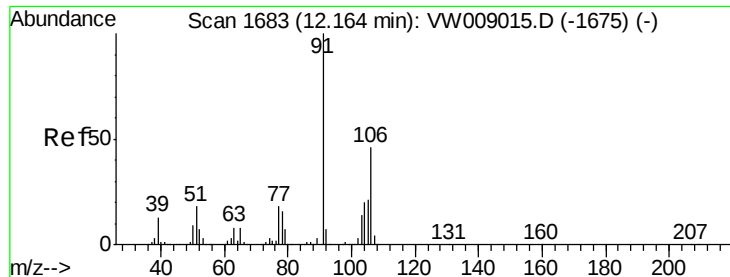
Tgt Ion: 106 Resp: 2194044

Ion Ratio Lower Upper

106 100

91 205.3 162.9 244.3





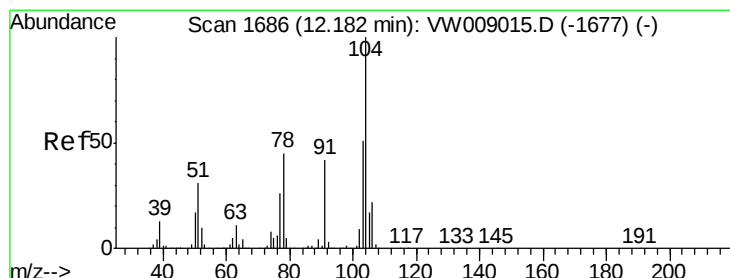
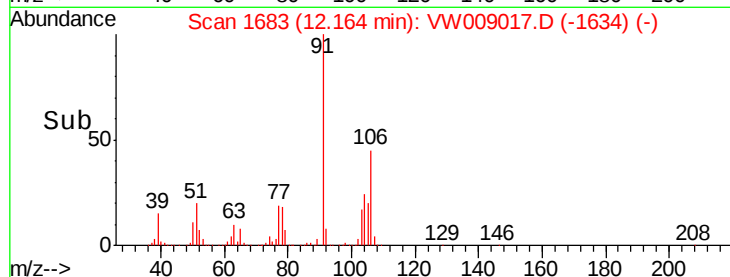
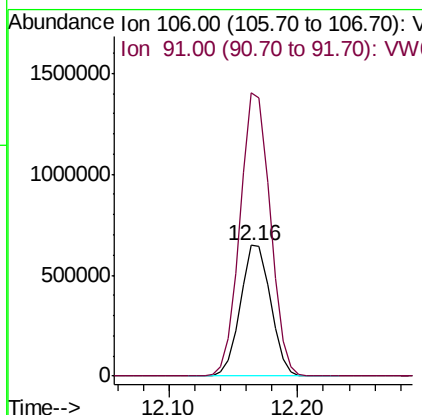
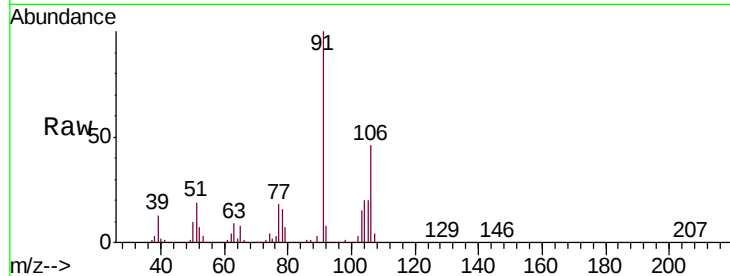
#69
o-Xylene
Concen: 170.170 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW009017.D
Acq: 06 Mar 2019 12:59

Instrument :
MSVOA_W
ClientSampled :
VSTDIC150

Tgt Ion:106 Resp: 1051051
Ion Ratio Lower Upper
106 100
91 216.7 107.4 322.2

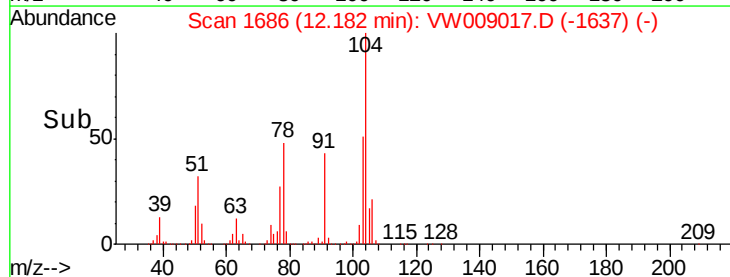
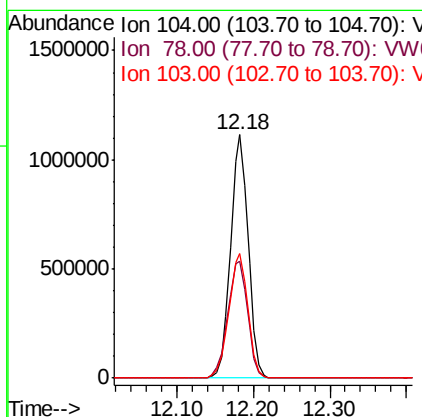
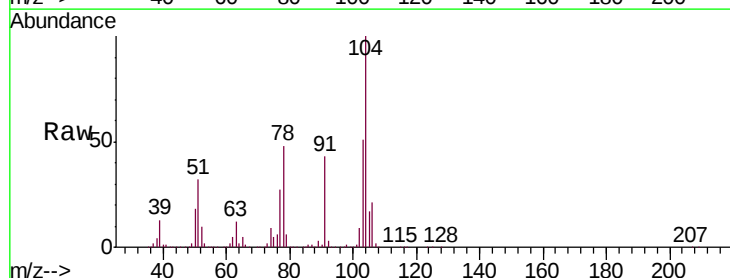
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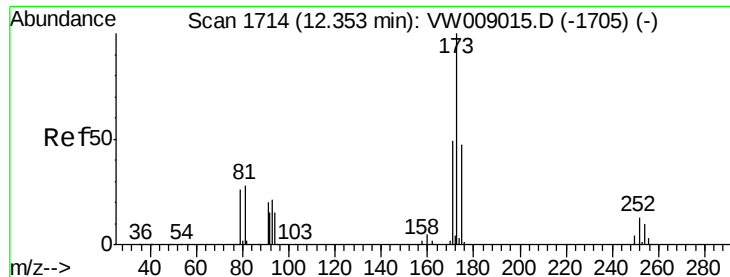
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#70
Styrene
Concen: 176.697 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW009017.D
Acq: 06 Mar 2019 12:59

Tgt Ion:104 Resp: 1767985
Ion Ratio Lower Upper
104 100
78 54.1 41.9 62.9
103 55.1 44.9 67.3





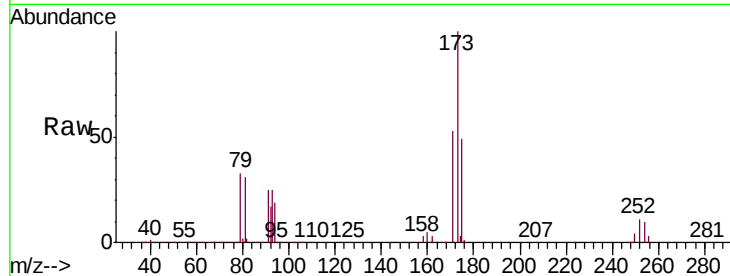
#71
Bromoform
Concen: 176.272 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. -0.01 min
Lab File: VW009017.D
Acq: 06 Mar 2019 12:59

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

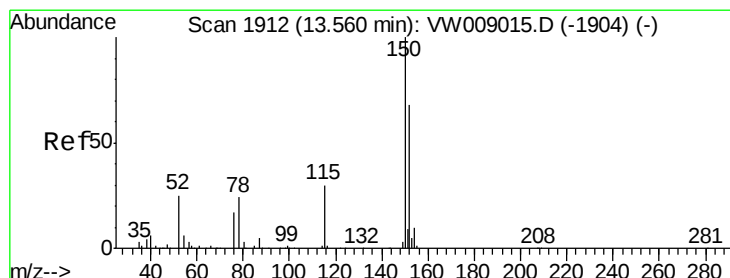
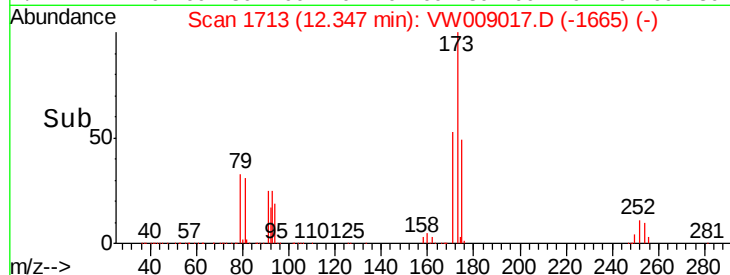
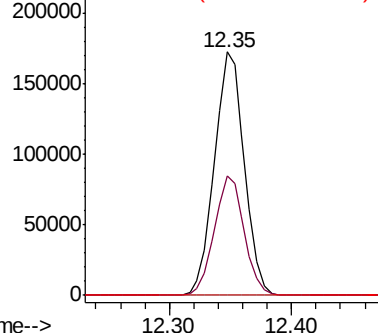
Tgt Ion	Ratio	Resp	Lower	Upper
173	100	291700		
175	48.7	23.3	69.9	
254	0.0	0.1	0.1#	

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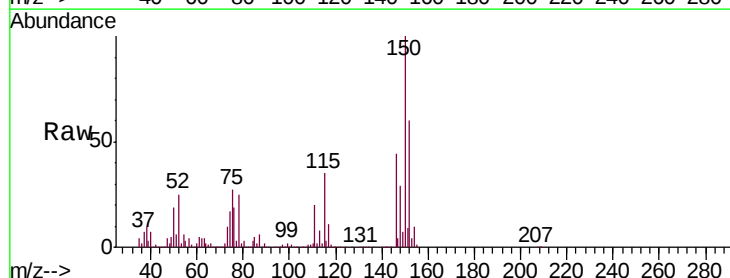


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

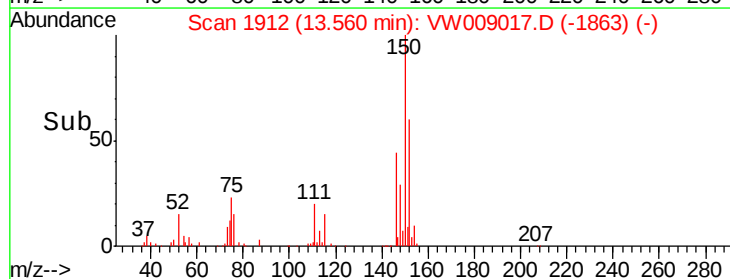
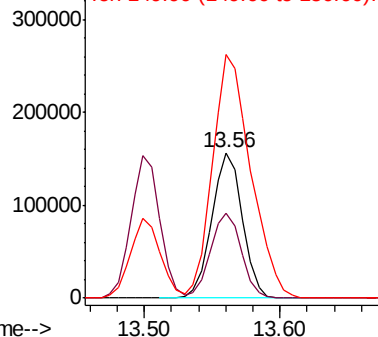


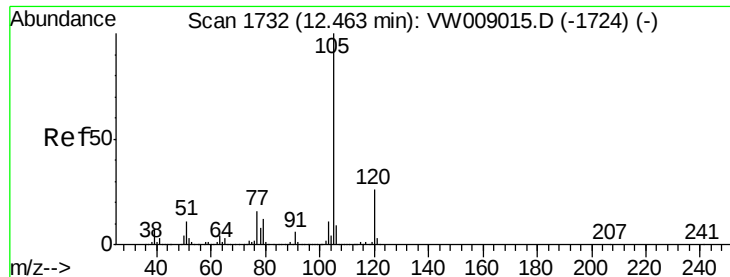
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW009017.D
Acq: 06 Mar 2019 12:59

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	244588		
115	58.7	29.3	87.8	
150	209.8	0.0	348.6	



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 172.480 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. 0.00 min

Lab File: VW009017.D

Acq: 06 Mar 2019 12:59

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tgt Ion: 105 Resp: 2887617

Ion Ratio Lower Upper

105 100

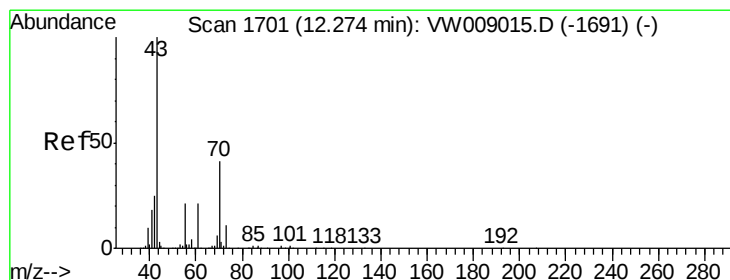
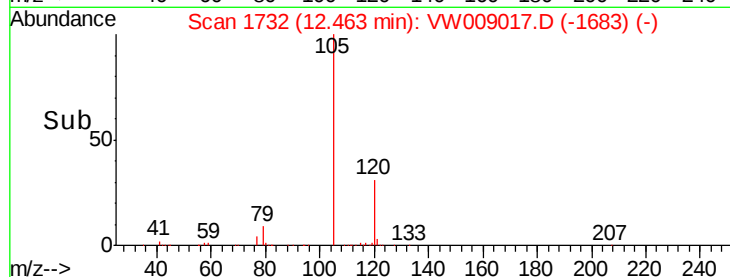
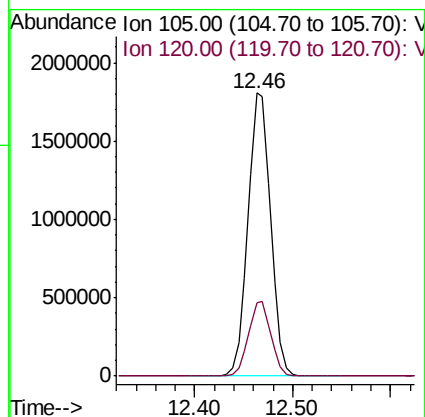
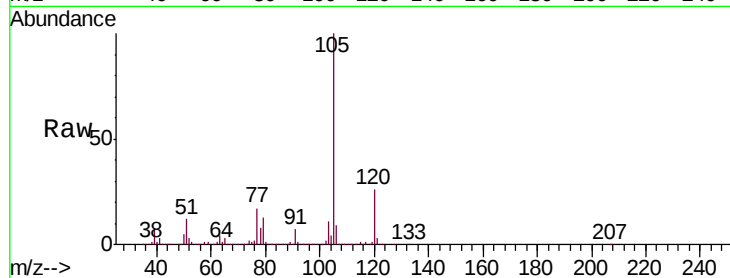
120 26.2 13.2 39.6

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#74

N-ethyl acetate

Concen: 181.458 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW009017.D

Acq: 06 Mar 2019 12:59

Tgt Ion: 43 Resp: 723253

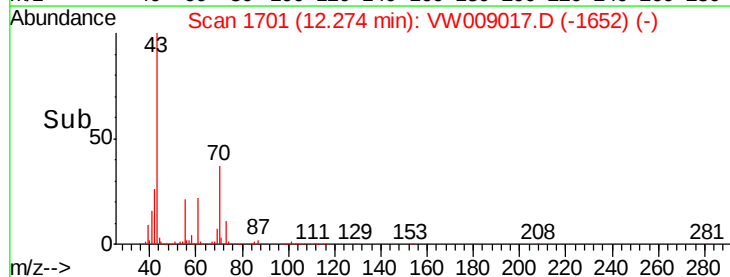
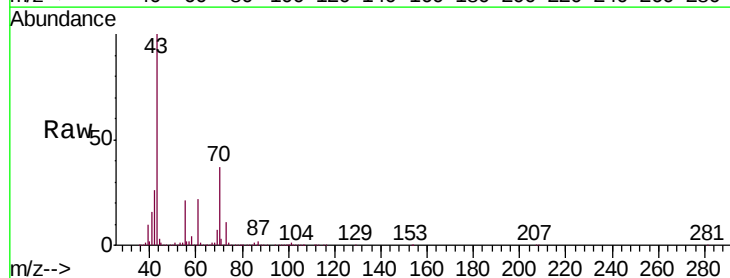
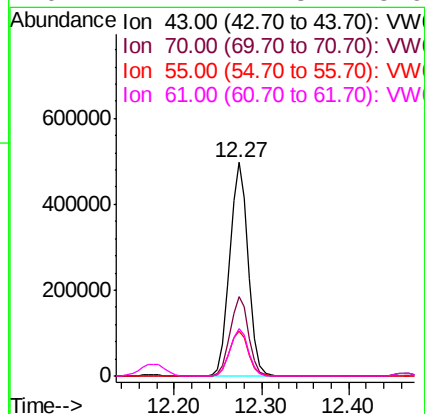
Ion Ratio Lower Upper

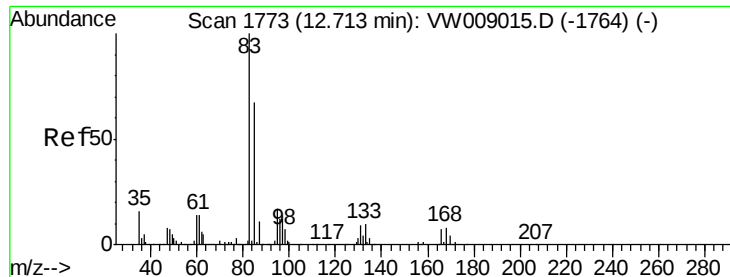
43 100

70 37.1 31.2 46.8

55 21.8 18.0 27.0

61 22.1 17.3 25.9





#75

1,1,2,2-Tetrachloroethane

Concen: 166.733 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.01 min

Lab File: VW009017.D

Acq: 06 Mar 2019 12:59

Instrument :

MSVOA_W

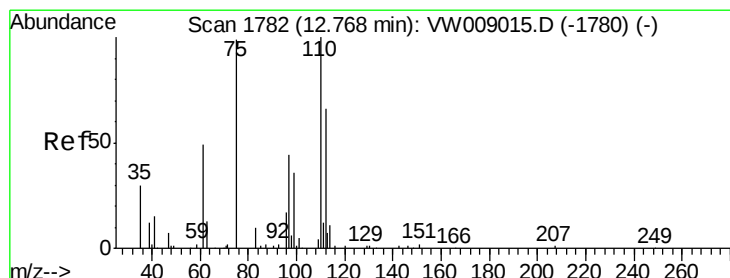
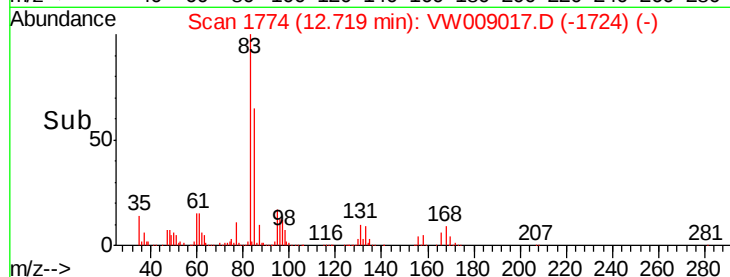
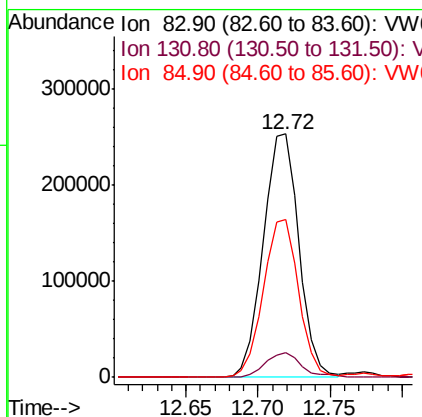
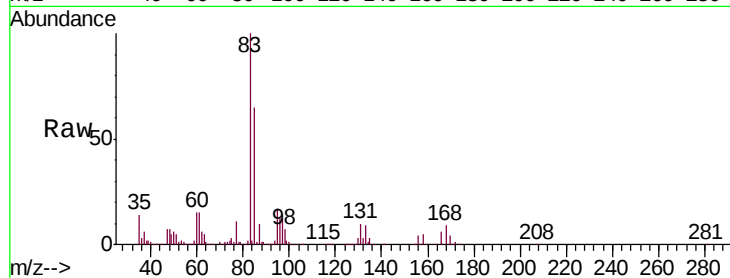
ClientSampleId :

VSTDIC150

Tgt Ion:	83	Resp:	435389
Ion Ratio	Lower	Upper	
83	100		
131	10.6	5.5	16.7
85	64.1	32.8	98.3

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#76

1,2,3-Trichloropropane

Concen: 120.632 ug/l m

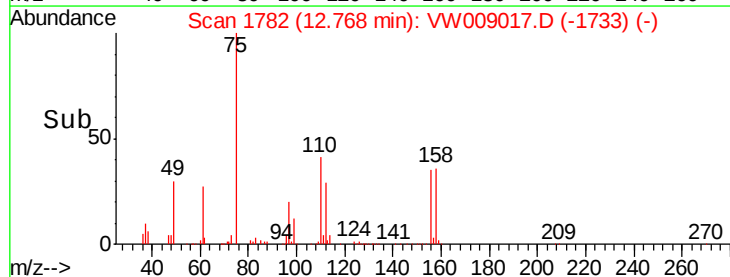
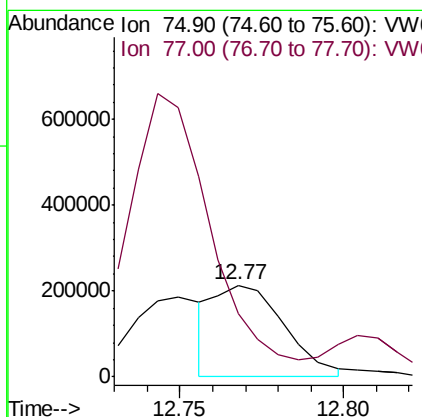
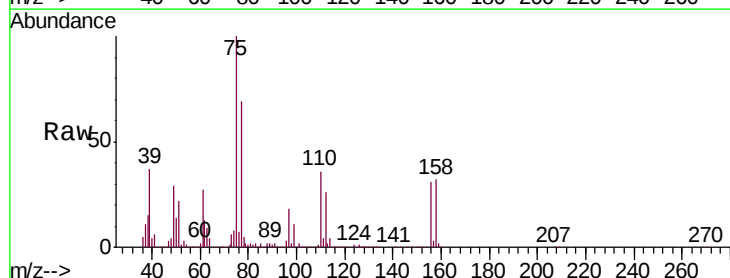
RT: 12.77 min Scan# 1782

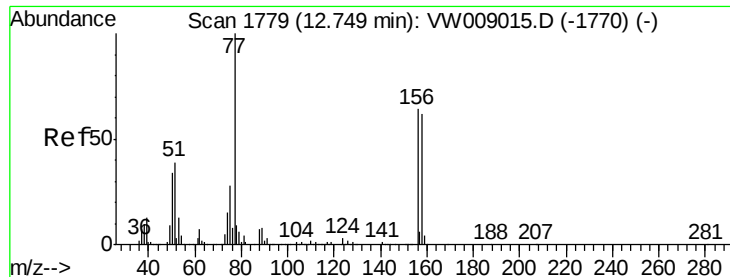
Delta R.T. 0.00 min

Lab File: VW009017.D

Acq: 06 Mar 2019 12:59

Tgt Ion:	75	Resp:	318884
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 161.452 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW009017.D

Acq: 06 Mar 2019 12:59

Instrument :

MSVOA_W

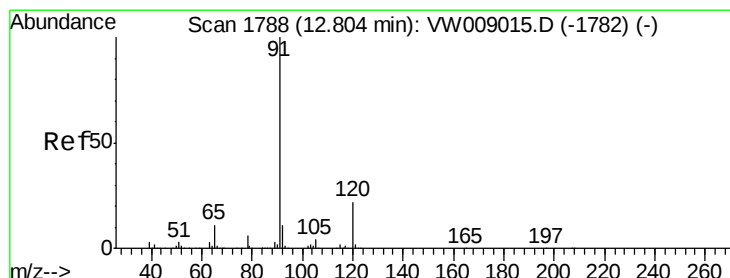
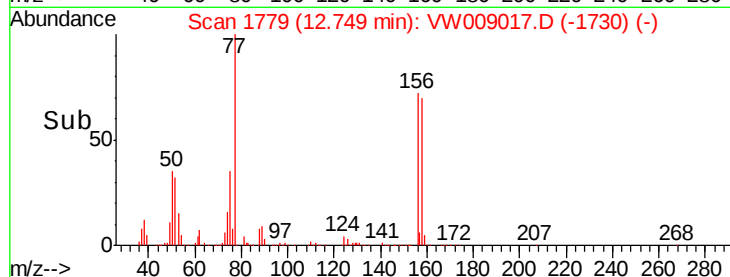
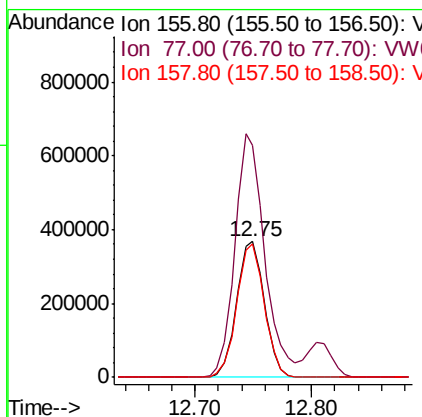
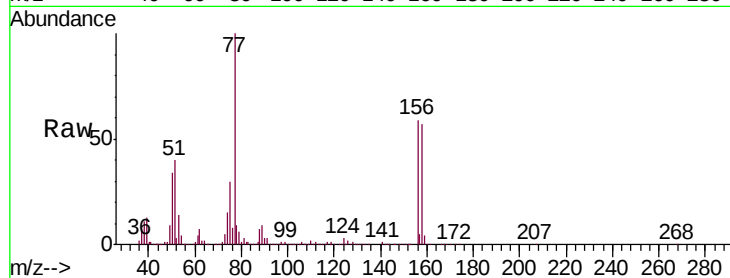
ClientSampled :

VSTDIC150

Tgt Ion	Ratio	Lower	Upper
156	100		
77	192.2	91.6	274.9
158	97.4	48.8	146.4

Manual Integrations
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#78

n-propylbenzene

Concen: 168.820 ug/l

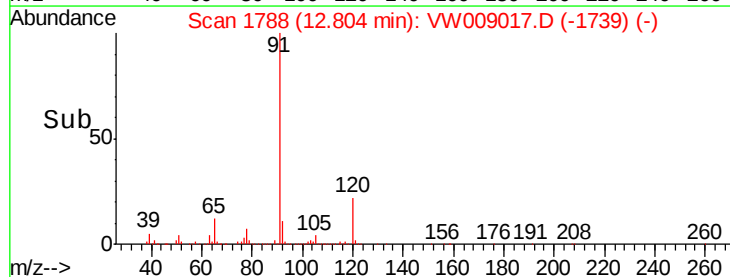
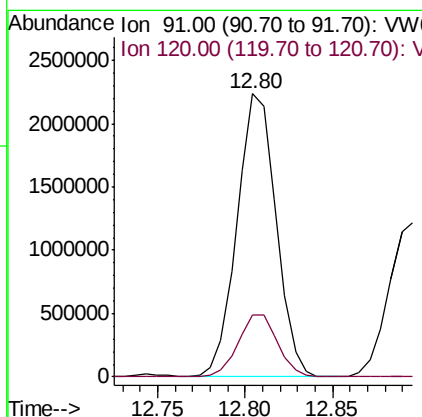
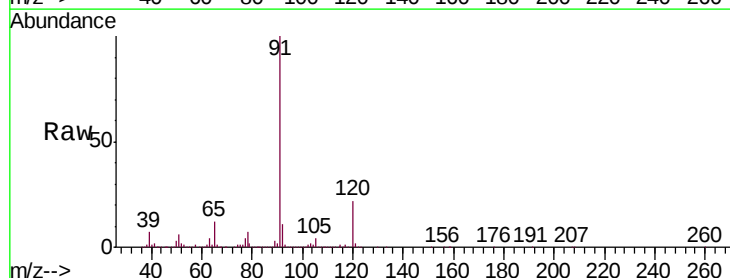
RT: 12.80 min Scan# 1788

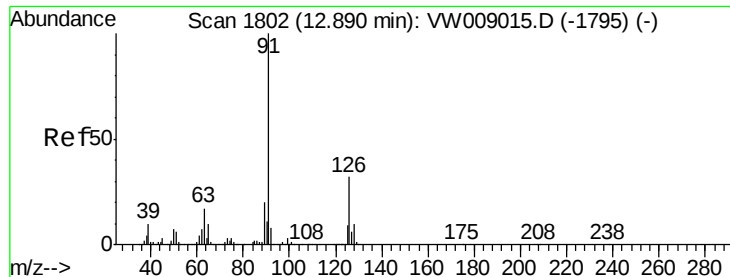
Delta R.T. 0.00 min

Lab File: VW009017.D

Acq: 06 Mar 2019 12:59

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.3	11.3	33.9





#79

2-Chlorotoluene

Concen: 166.698 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.01 min

Lab File: VW009017.D

Acq: 06 Mar 2019 12:59

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC150

Tgt Ion: 91 Resp: 1934546

Ion Ratio Lower Upper

91 100

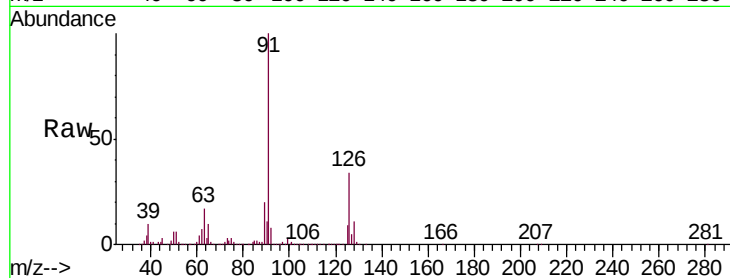
126 33.2 16.8 50.4

Manual Integrations

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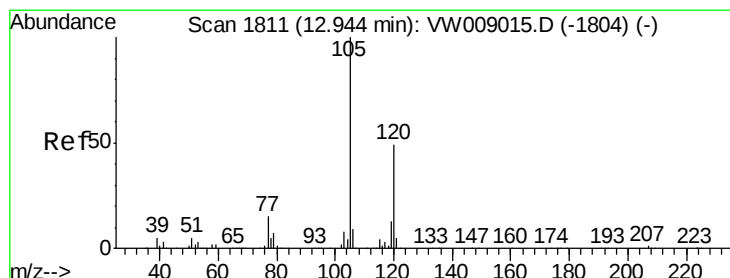
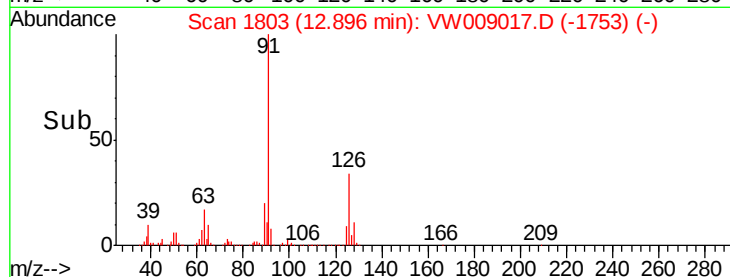
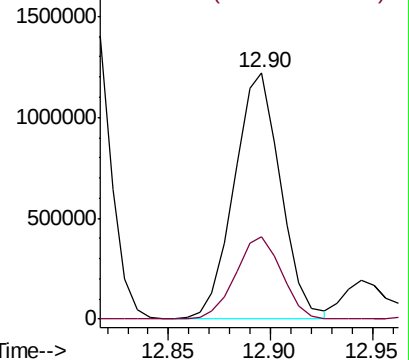
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 170.710 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW009017.D

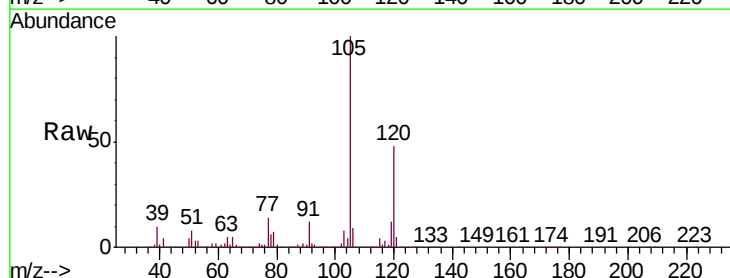
Acq: 06 Mar 2019 12:59

Tgt Ion: 105 Resp: 2452730

Ion Ratio Lower Upper

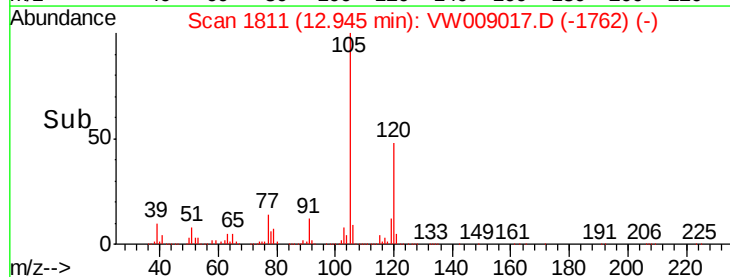
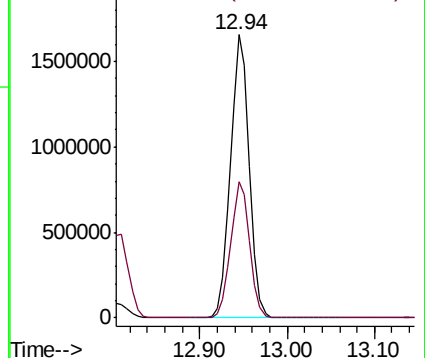
105 100

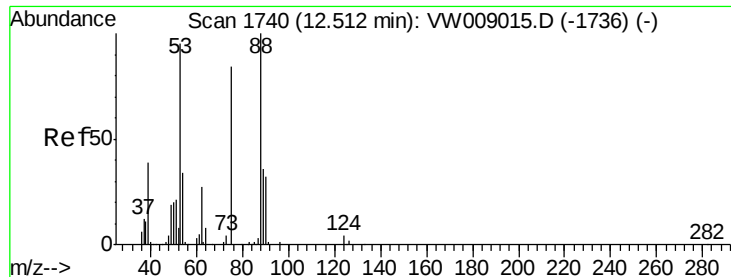
120 48.5 24.6 73.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





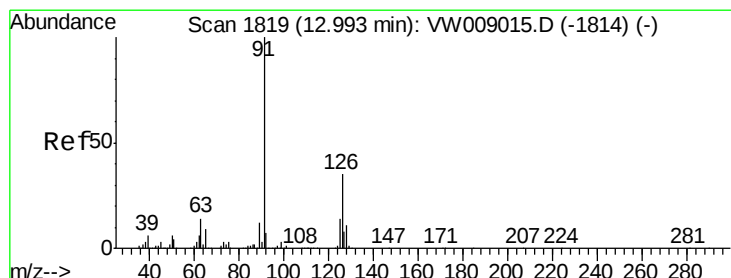
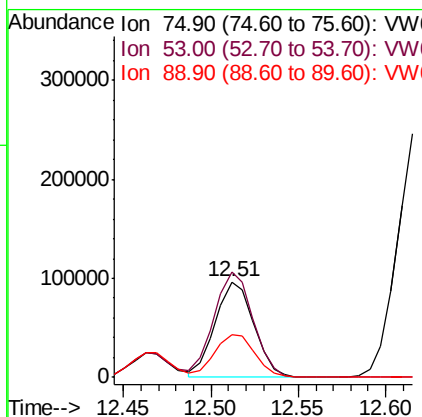
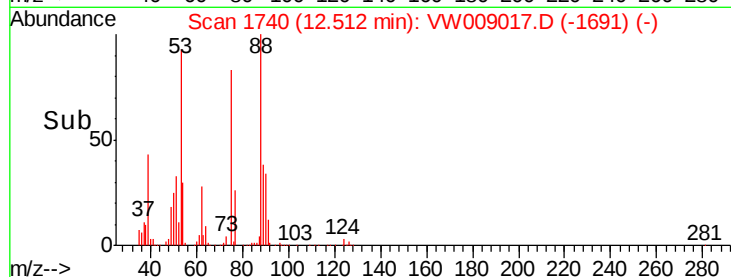
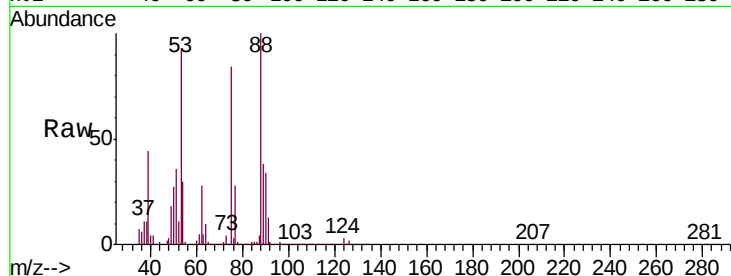
#81
trans-1,4-Dichloro-2-butene
Concen: 185.853 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VW009017.D
Acq: 06 Mar 2019 12:59

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion	Ratio	Lower	Upper
75	100		
53	112.0	88.5	132.7
89	47.1	36.3	54.5

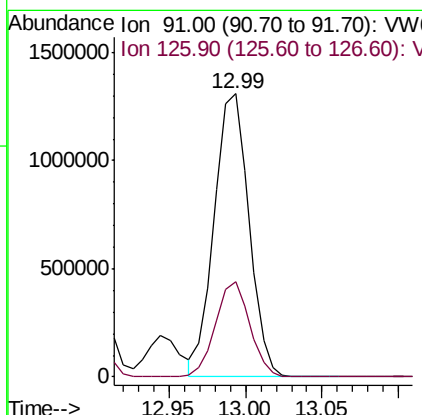
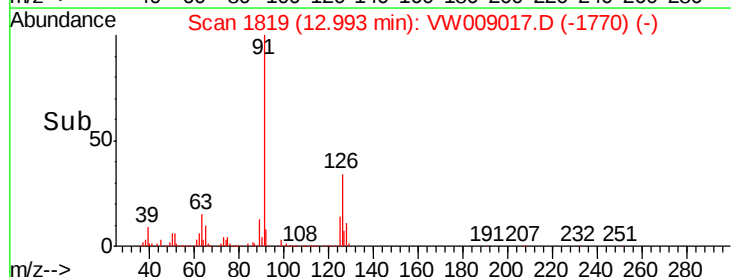
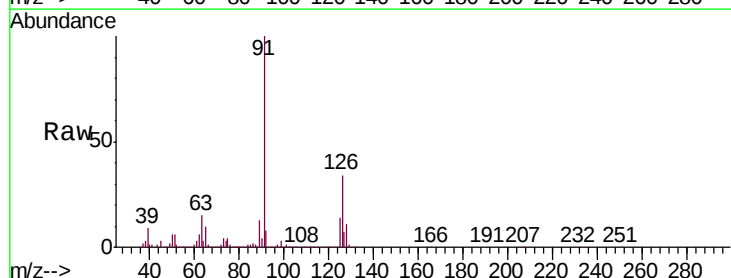
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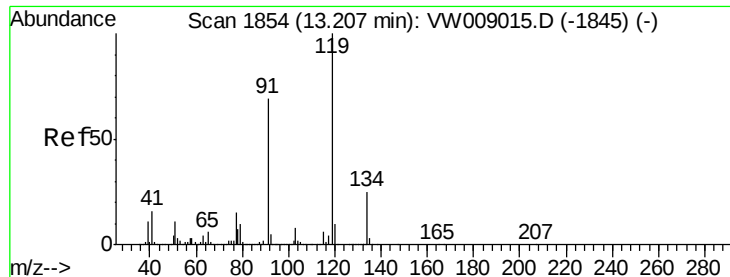
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#82
4-Chlorotoluene
Concen: 167.597 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW009017.D
Acq: 06 Mar 2019 12:59

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.3	16.9	50.6





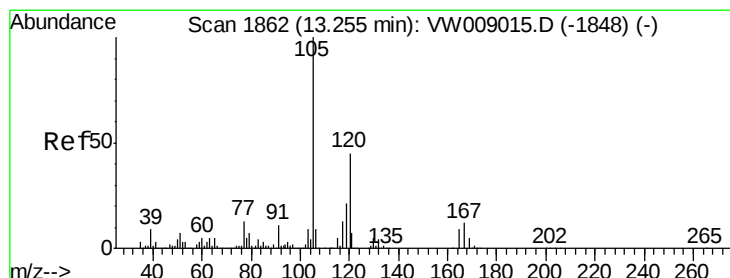
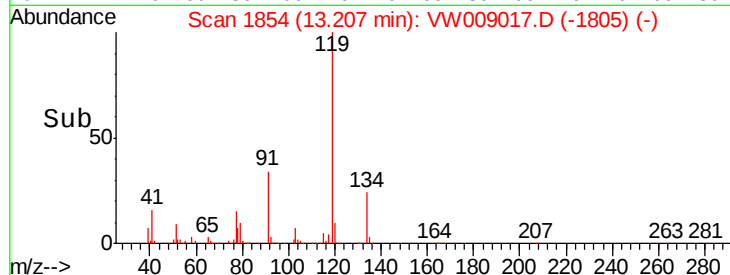
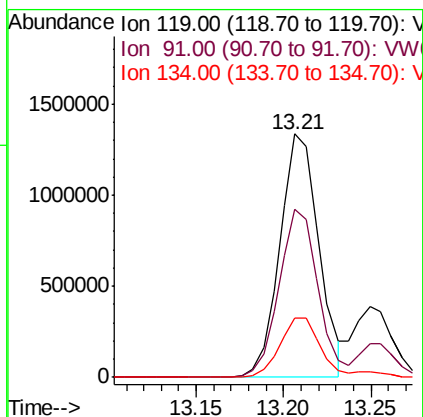
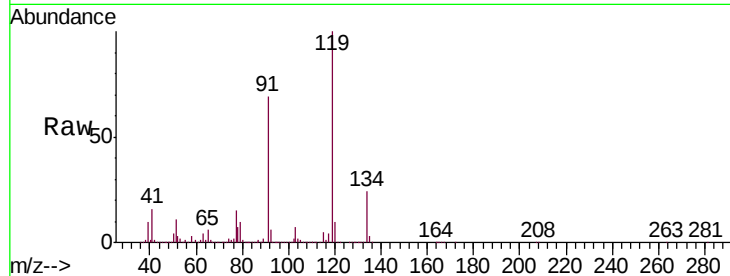
#83
 tert-Butylbenzene
 Concen: 167.549 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: VW009017.D
 Acq: 06 Mar 2019 12:59

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tgt Ion:119 Resp: 2074239
 Ion Ratio Lower Upper
 119 100
 91 69.4 34.3 102.9
 134 26.9 13.6 40.8

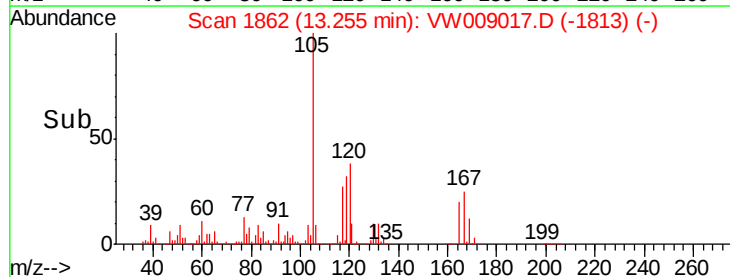
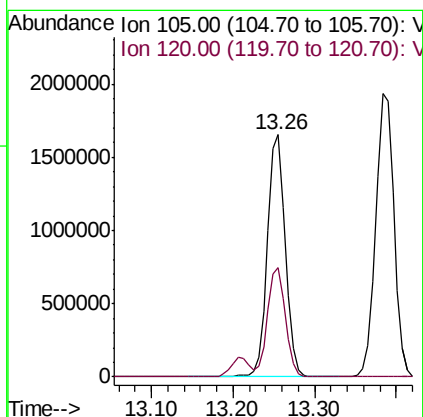
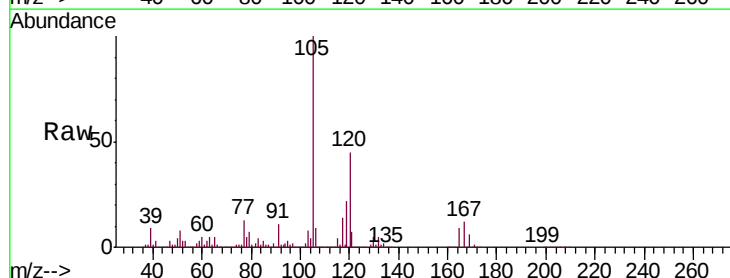
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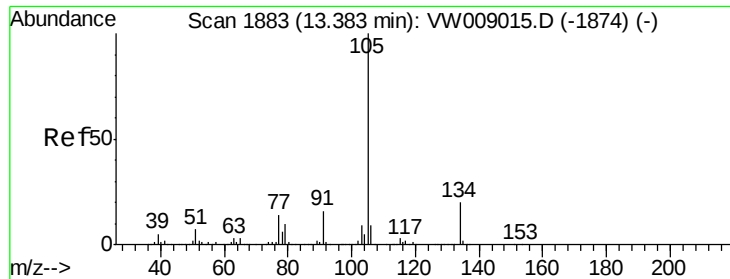
MMDadoda
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#84
 1,2,4-Trimethylbenzene
 Concen: 170.427 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW009017.D
 Acq: 06 Mar 2019 12:59

Tgt Ion:105 Resp: 2506786
 Ion Ratio Lower Upper
 105 100
 120 45.1 22.6 67.7





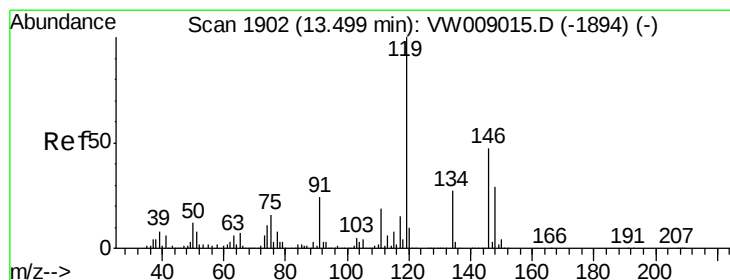
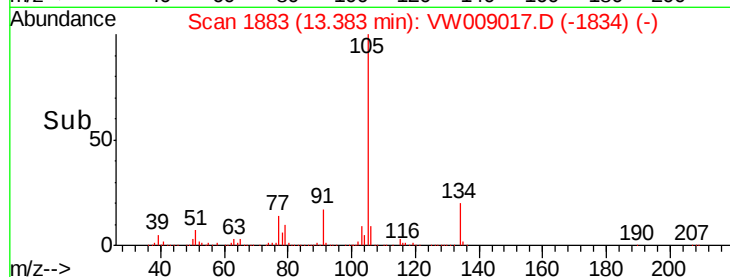
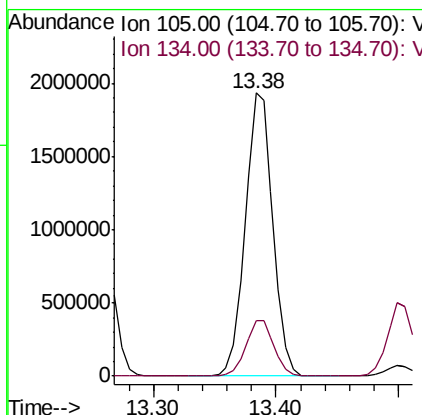
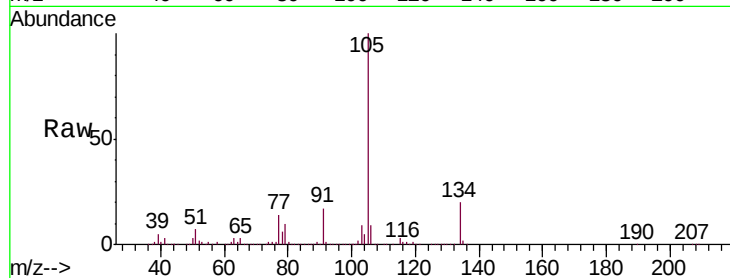
#85
 sec-Butylbenzene
 Concen: 166.160 ug/l
 RT: 13.38 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VW009017.D
 Acq: 06 Mar 2019 12:59

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tgt Ion:105 Resp: 3000742
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.2 30.6

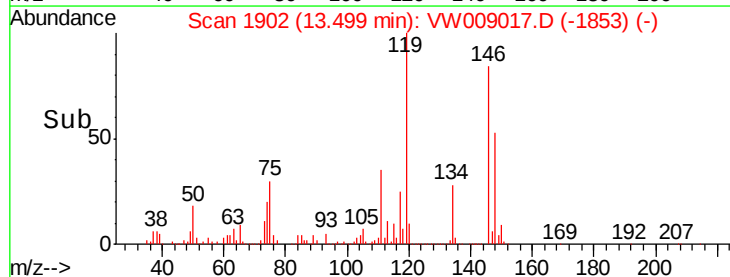
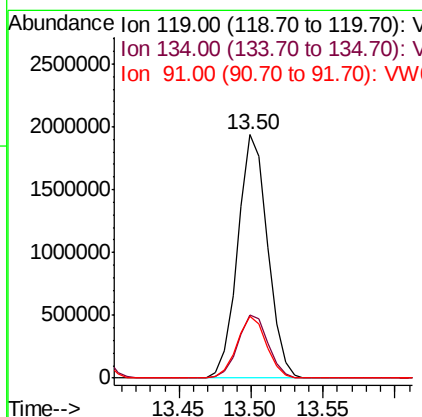
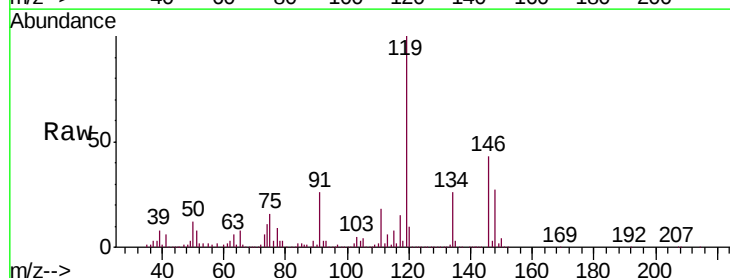
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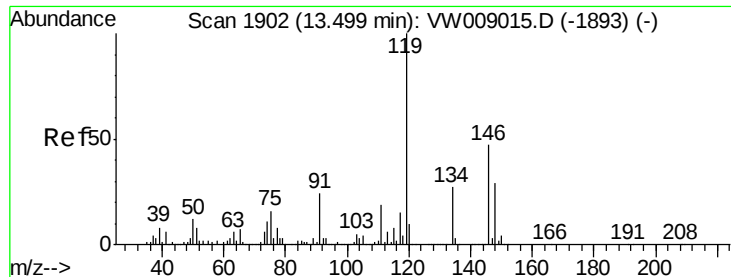
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#86
 p-Isopropyltoluene
 Concen: 171.394 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW009017.D
 Acq: 06 Mar 2019 12:59

Tgt Ion:119 Resp: 2786040
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.0 38.9
 91 25.1 12.1 36.3





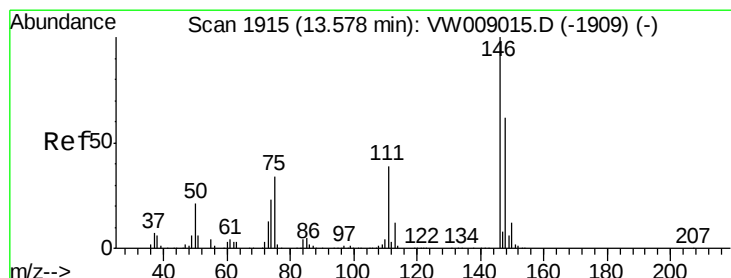
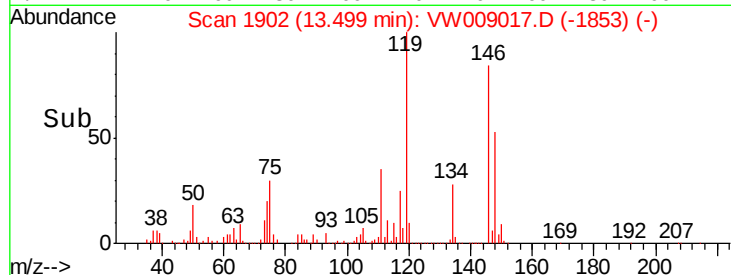
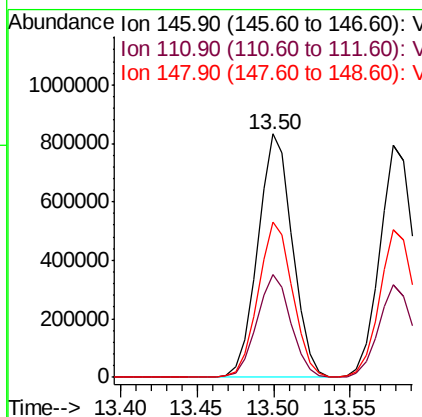
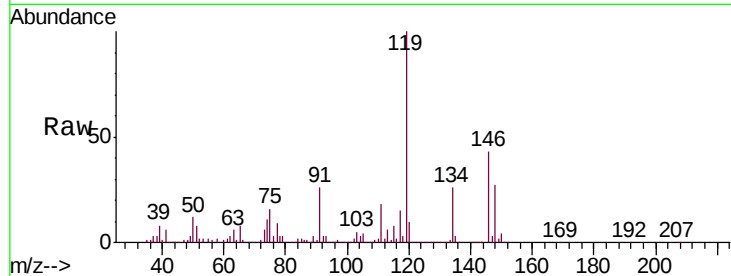
#87
 1,3-Dichlorobenzene
 Concen: 161.551 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW009017.D
 Acq: 06 Mar 2019 12:59

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tgt Ion:146 Resp: 1310769
 Ion Ratio Lower Upper
 146 100
 111 41.3 19.6 58.7
 148 63.5 31.7 95.1

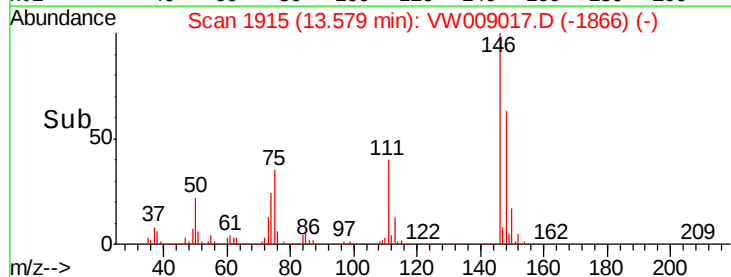
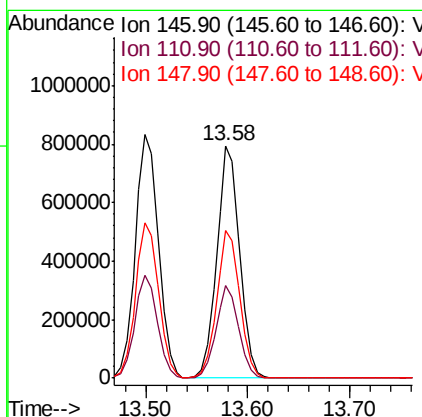
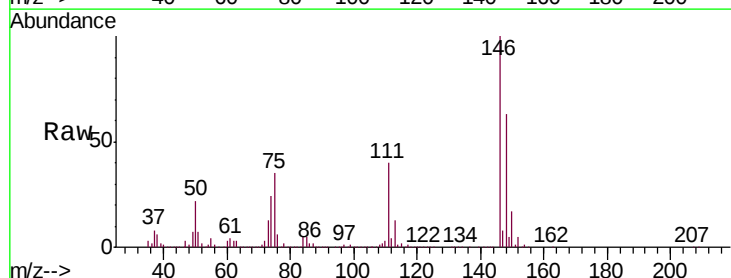
Manual Integrations
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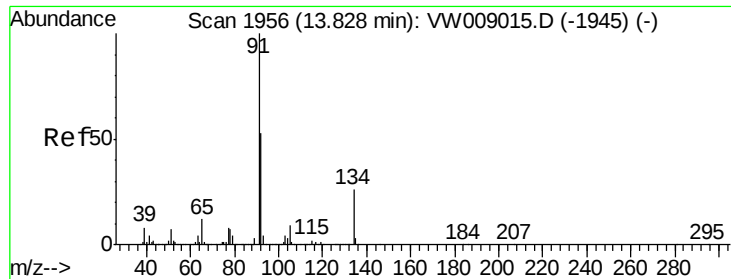
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#88
 1,4-Dichlorobenzene
 Concen: 154.137 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW009017.D
 Acq: 06 Mar 2019 12:59

Tgt Ion:146 Resp: 1240381
 Ion Ratio Lower Upper
 146 100
 111 39.2 19.9 59.7
 148 63.8 31.7 95.1





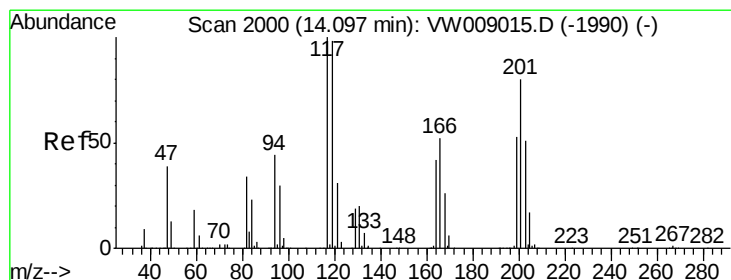
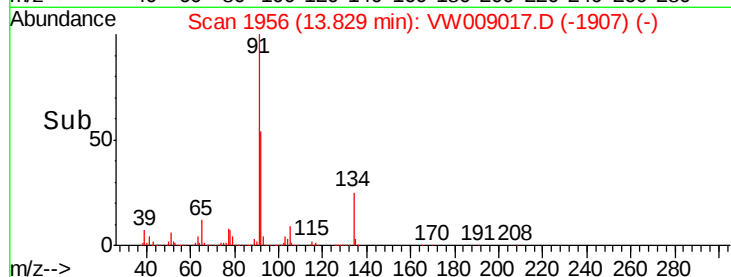
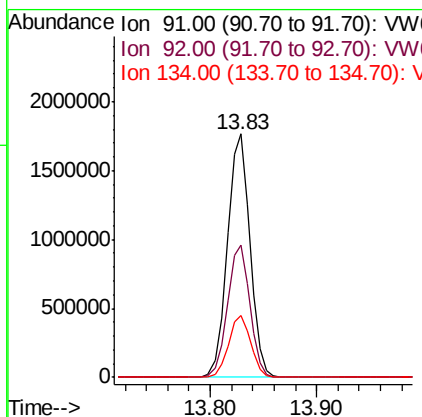
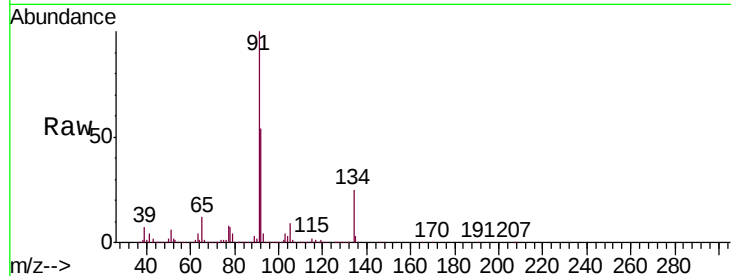
#89
n-Butylbenzene
Concen: 169.544 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW009017.D
Acq: 06 Mar 2019 12:59

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion: 91 Resp: 2609177
Ion Ratio Lower Upper
91 100
92 54.1 26.7 80.0
134 25.3 13.0 39.0

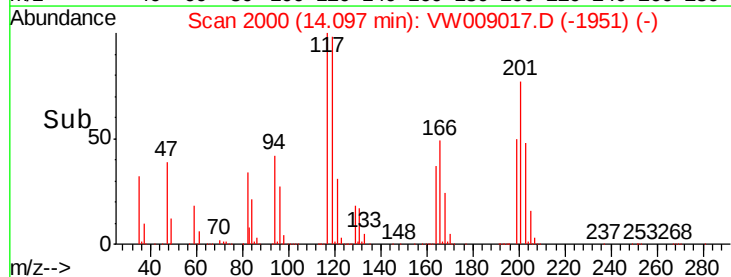
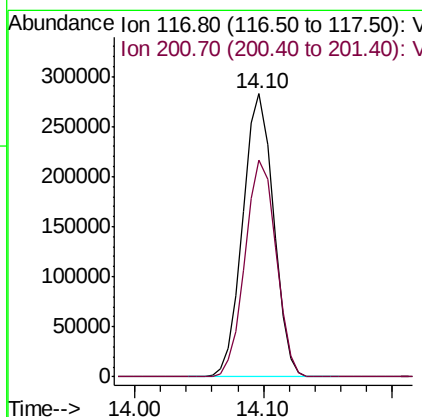
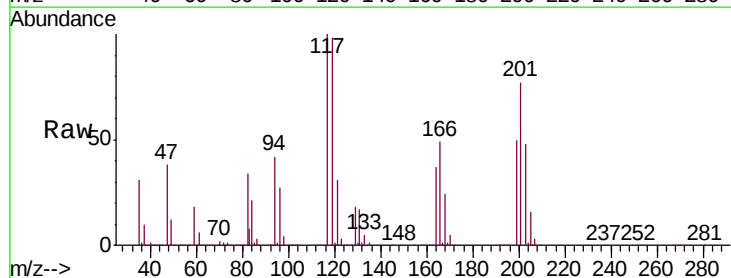
Manual Integrations
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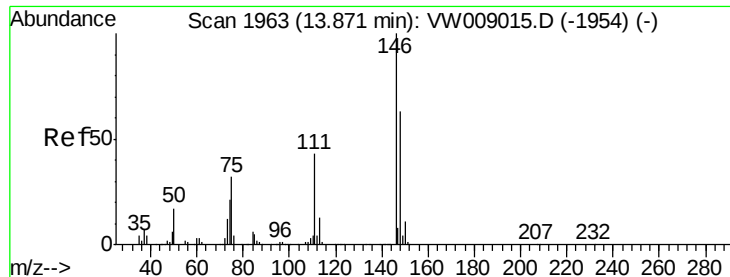
MMDadoda
3/8/2019 12:07:08 AM



#90
Hexachloroethane
Concen: 168.046 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW009017.D
Acq: 06 Mar 2019 12:59

Tgt Ion: 117 Resp: 467969
Ion Ratio Lower Upper
117 100
201 77.0 38.9 116.6





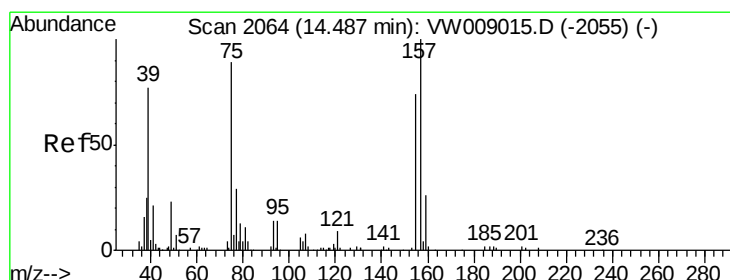
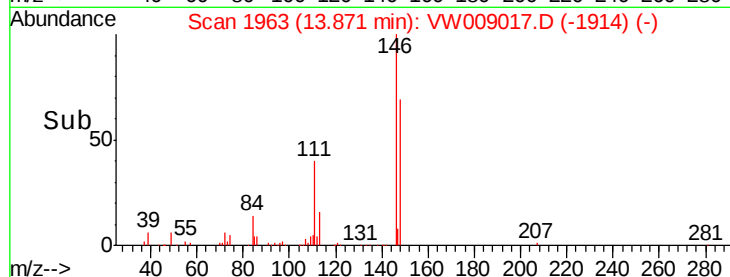
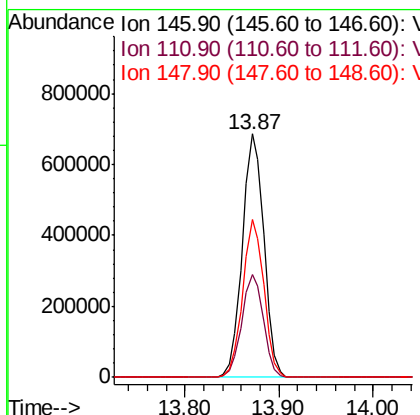
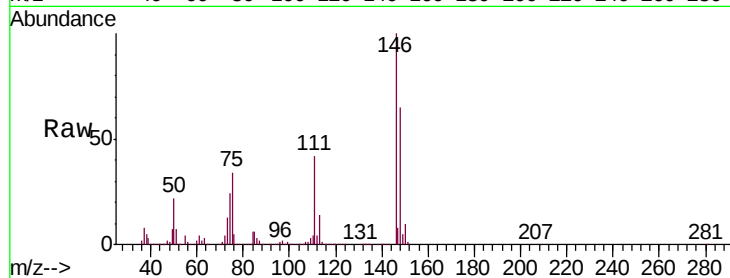
#91
 1,2-Dichlorobenzene
 Concen: 154.001 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW009017.D
 Acq: 06 Mar 2019 12:59

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC150

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.3	20.8	62.4
148	63.7	31.8	95.3

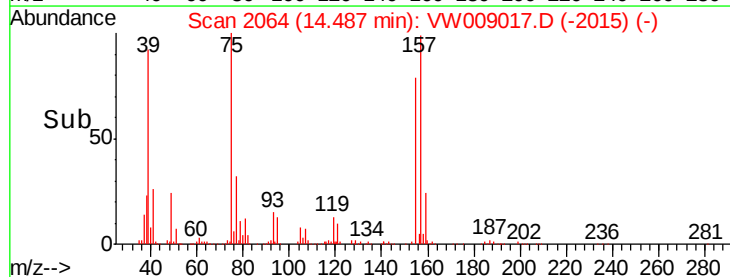
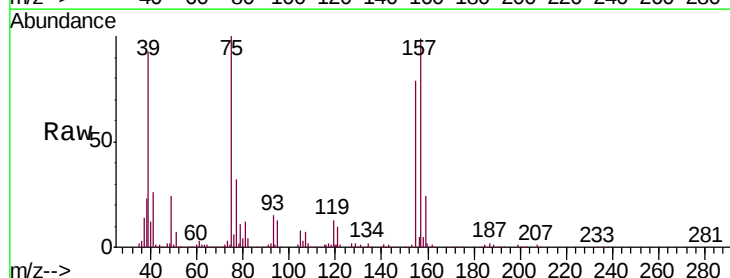
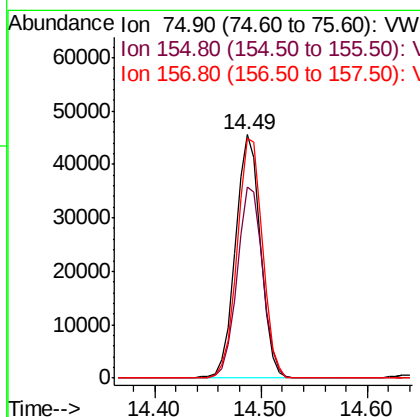
Manual Integrations
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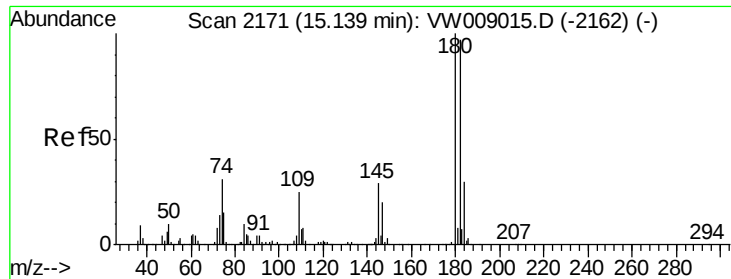
MMDadoda
 3/8/2019 12:07:08 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 158.060 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW009017.D
 Acq: 06 Mar 2019 12:59

Tgt Ion	Ratio	Lower	Upper
75	100		
155	80.0	41.4	124.4
157	99.6	53.1	159.4





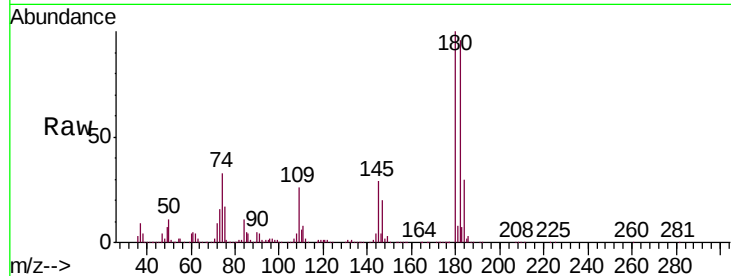
#93
1,2,4-Trichlorobenzene
Concen: 158.604 ug/l
RT: 15.14 min Scan# 2171
Delta R.T. 0.00 min
Lab File: VW009017.D
Acq: 06 Mar 2019 12:59

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	770973		
182	95.4	47.6	142.9	
145	30.0	14.7	44.1	

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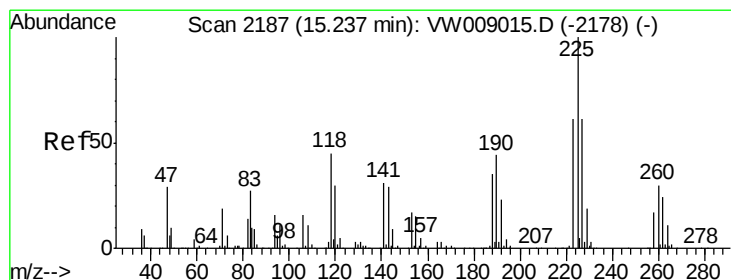
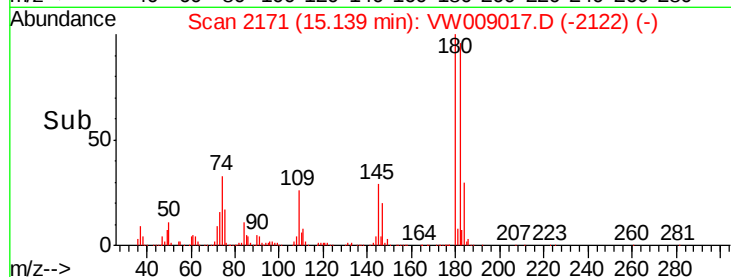
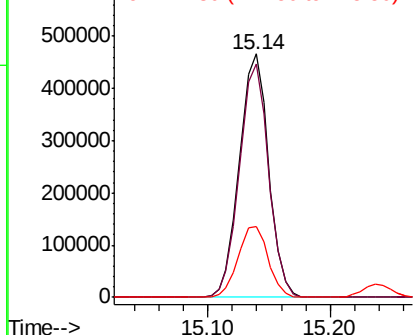


Abundance

Ion 179.80 (179.50 to 180.50): V

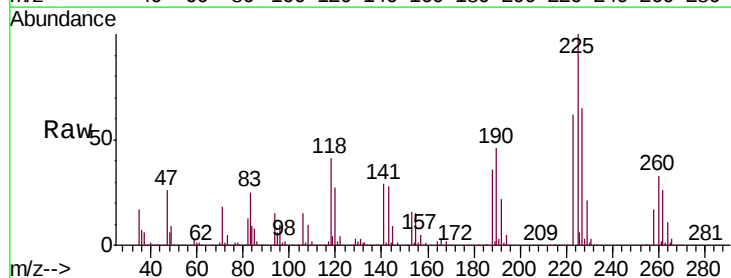
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
Hexachlorobutadiene
Concen: 142.815 ug/l
RT: 15.24 min Scan# 2188
Delta R.T. 0.01 min
Lab File: VW009017.D
Acq: 06 Mar 2019 12:59

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	441267		
223	62.5	30.6	91.8	
227	64.1	31.2	93.6	

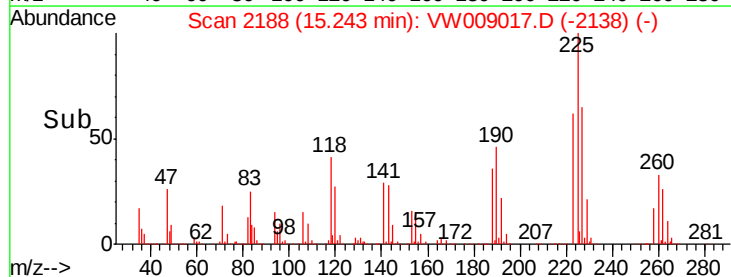
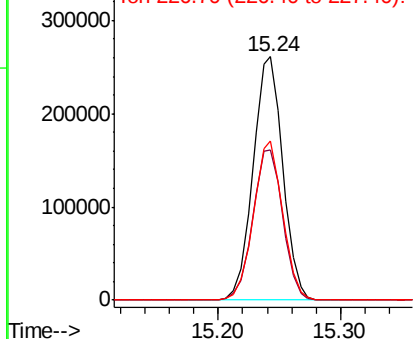


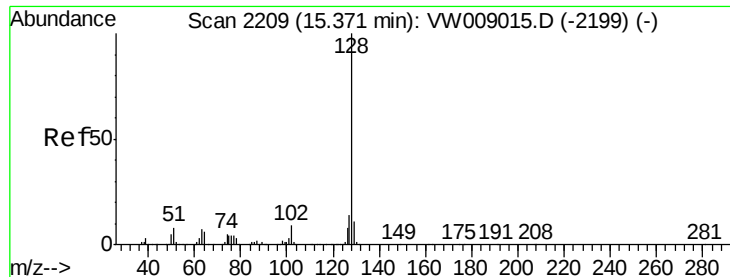
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





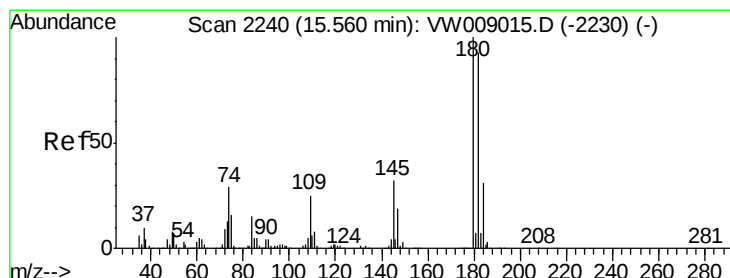
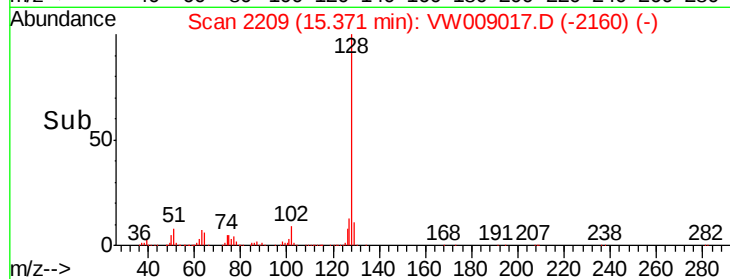
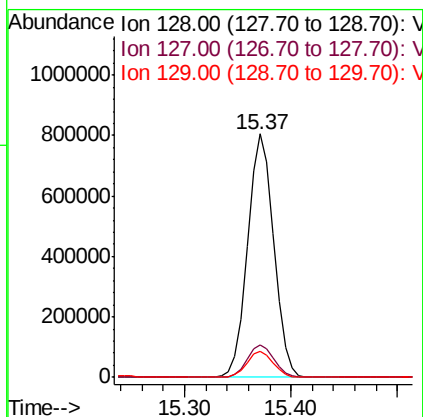
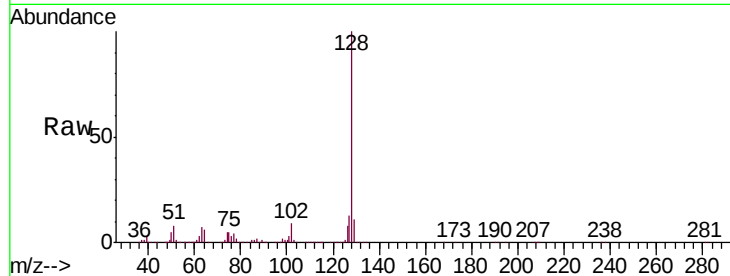
#95
Naphthalene
Concen: 175.928 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW009017.D
Acq: 06 Mar 2019 12:59

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC150

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.6	11.0	16.4
129	10.8	8.6	13.0

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#96
1,2,3-Trichlorobenzene
Concen: 157.101 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW009017.D
Acq: 06 Mar 2019 12:59

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	47.3	141.8
145	32.2	15.4	46.2

