

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW013019\
 Data File : VW008458.D
 Acq On : 30 Jan 2019 11:51
 Operator : SY/VA
 Sample : VW0130SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0130SBS01

Manual Integrations
 APPROVED

MMDadoda
 2/1/2019 10:47:10 AM

Quant Time: Jan 31 02:11:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 25 11:07:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	438696	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	660161	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	584654	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	299684	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	210300	48.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.60%	
35) Dibromofluoromethane	7.88	113	210364	54.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.00%	
50) Toluene-d8	10.32	98	811025	52.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.78%	
62) 4-Bromofluorobenzene	12.62	95	297431	49.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	32879	15.378	ug/l	100
3) Chloromethane	2.21	50	51152	14.284	ug/l	95
4) Vinyl Chloride	2.37	62	75614	16.588	ug/l	100
5) Bromomethane	2.78	94	55980	19.039	ug/l	98
6) Chloroethane	2.92	64	51320	18.409	ug/l	97
7) Trichlorofluoromethane	3.25	101	59226	18.251	ug/l	93
8) Diethyl Ether	3.67	74	35689	16.313	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	71830	18.103	ug/l	96
10) Methyl Iodide	4.26	142	114195	18.221	ug/l	98
11) Tert butyl alcohol	5.17	59	29019	83.632	ug/l #	89
12) 1,1-Dichloroethene	4.03	96	69178	17.228	ug/l	97
13) Acrolein	3.89	56	29700	99.575	ug/l	100
14) Allyl chloride	4.66	41	120250	15.770	ug/l	97
15) Acrylonitrile	5.37	53	77218	81.738	ug/l	100
16) Acetone	4.12	43	79374	82.013	ug/l	97
17) Carbon Disulfide	4.37	76	213679	16.662	ug/l	100
18) Methyl Acetate	4.67	43	40633	15.741	ug/l	93
19) Methyl tert-butyl Ether	5.43	73	115720	17.418	ug/l	95
20) Methylene Chloride	4.91	84	81331	18.233	ug/l	95
21) trans-1,2-Dichloroethene	5.41	96	77595	17.188	ug/l	98
22) Diisopropyl ether	6.31	45	230587	15.956	ug/l	96
23) Vinyl Acetate	6.25	43	665157	77.950	ug/l	98
24) 1,1-Dichloroethane	6.21	63	135241	16.533	ug/l	98
25) 2-Butanone	7.17	43	106723	79.390	ug/l	97
26) 2,2-Dichloropropane	7.16	77	96237	17.405	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	84394	17.153	ug/l	97
28) Bromochloromethane	7.51	49	65015	17.305	ug/l	92
29) Tetrahydrofuran	7.53	42	66657	78.247	ug/l	94
30) Chloroform	7.68	83	136224	16.931	ug/l	97
31) Cyclohexane	7.95	56	135051	15.967	ug/l	93
32) 1,1,1-Trichloroethane	7.87	97	122334	17.604	ug/l	98
36) 1,1-Dichloropropene	8.08	75	111658	17.906	ug/l	98
37) Ethyl Acetate	7.25	43	48448	17.560	ug/l	97
38) Carbon Tetrachloride	8.07	117	115148	18.350	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Fri Jan 25 11:07:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	145683	17.784	ug/l	95
40) Benzene	8.32	78	301292	17.412	ug/l	100
41) Methacrylonitrile	7.48	41	27305	16.714	ug/l	96
42) 1,2-Dichloroethane	8.40	62	87160	17.381	ug/l	97
43) Isopropyl Acetate	8.43	43	94908	16.558	ug/l	96
44) Trichloroethene	9.09	130	88711	18.852	ug/l	96
45) 1,2-Dichloropropane	9.37	63	74012	17.154	ug/l	96
46) Dibromomethane	9.46	93	39307	17.713	ug/l	95
47) Bromodichloromethane	9.65	83	103541	17.640	ug/l	100
48) Methyl methacrylate	9.44	41	44759	15.970	ug/l	97
49) 1,4-Dioxane	9.45	88	13623	363.182	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	231687	81.819	ug/l	100
52) Toluene	10.39	92	199935	17.503	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	104985	16.809	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	121407	17.129	ug/l	94
55) 1,1,2-Trichloroethane	10.79	97	55039	17.881	ug/l	94
56) Ethyl methacrylate	10.65	69	70265	16.291	ug/l	96
57) 1,3-Dichloropropane	10.93	76	94542	17.145	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	181451	86.588	ug/l	97
59) 2-Hexanone	10.97	43	166288	83.183	ug/l	100
60) Dibromochloromethane	11.13	129	69551	17.583	ug/l	98
61) 1,2-Dibromoethane	11.24	107	53965	17.682	ug/l	100
64) Tetrachloroethene	10.86	164	74394	18.794	ug/l	96
65) Chlorobenzene	11.66	112	218343	18.295	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	78086	18.287	ug/l	98
67) Ethyl Benzene	11.73	91	386964	17.639	ug/l	99
68) m/p-Xylenes	11.84	106	301381	35.407	ug/l	98
69) o-Xylene	12.17	106	145458	17.985	ug/l	94
70) Styrene	12.18	104	227347	17.018	ug/l	98
71) Bromoform	12.35	173	42393	17.645	ug/l #	99
73) Isopropylbenzene	12.47	105	398284	17.827	ug/l	100
74) N-amyl acetate	12.27	43	90694	15.757	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.71	83	62227	17.592	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	44220m	16.972	ug/l	
77) Bromobenzene	12.75	156	90366	18.520	ug/l	95
78) n-propylbenzene	12.80	91	465383	17.343	ug/l	98
79) 2-Chlorotoluene	12.90	91	262848	17.358	ug/l	97
80) 1,3,5-Trimethylbenzene	12.94	105	326556	17.487	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.51	75	21494	16.293	ug/l	95
82) 4-Chlorotoluene	12.99	91	274495	17.026	ug/l	98
83) tert-Butylbenzene	13.21	119	300357	18.074	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	331913	17.487	ug/l	99
85) sec-Butylbenzene	13.39	105	420420	17.715	ug/l	99
86) p-Isopropyltoluene	13.50	119	374108	17.996	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	180245	18.291	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	181046	18.487	ug/l	99
89) n-Butylbenzene	13.83	91	352828	17.286	ug/l	99
90) Hexachloroethane	14.10	117	70628	17.373	ug/l	96
91) 1,2-Dichlorobenzene	13.87	146	158336	18.160	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	11437	17.041	ug/l	99

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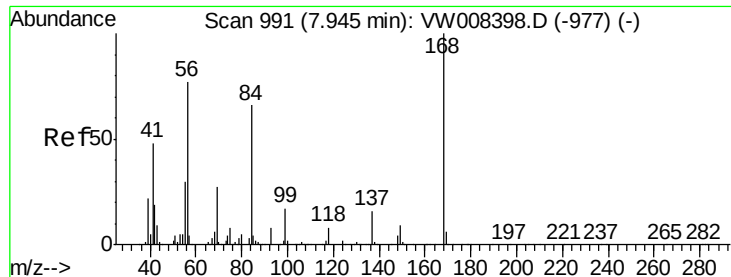
Manual Integrations
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	115453	18.555	ug/l	99
94) Hexachlorobutadiene	15.24	225	71959	19.190	ug/l	98
95) Naphthalene	15.37	128	197611	18.088	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	99366	18.826	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. 0.00 min

Lab File: VW008458.D

Acq: 30 Jan 2019 11:51

Instrument :

MSVOA_W

ClientSampleId :

VW0130SBS01

Tot Ion:168 Resp: 438696

Ion Ratio Lower Upper

168 100

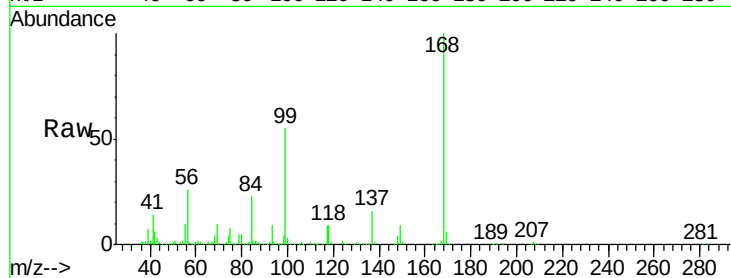
99 54.9 45.5 68.3

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

200000

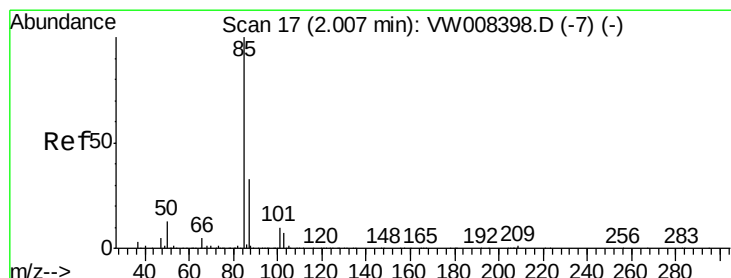
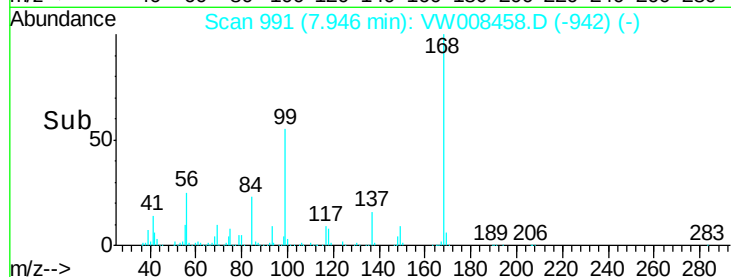
150000

100000

50000

0

Time--> 7.80 7.90 8.00



#2

Dichlorodifluoromethane

Concen: 15.378 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW008458.D

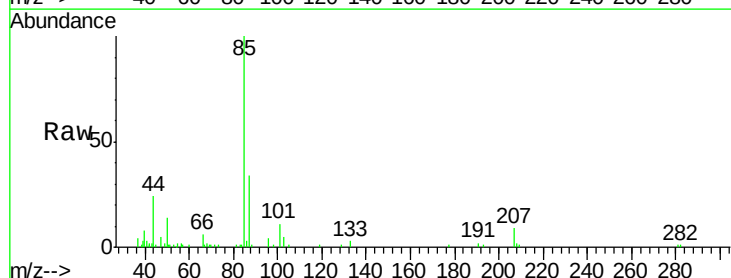
Acq: 30 Jan 2019 11:51

Tgt Ion: 85 Resp: 32879

Ion Ratio Lower Upper

85 100

87 33.5 16.7 50.1



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.01

12000

10000

8000

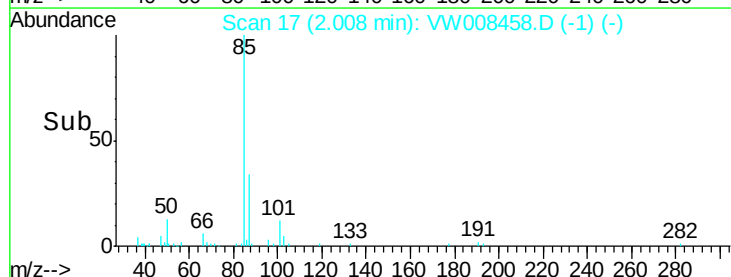
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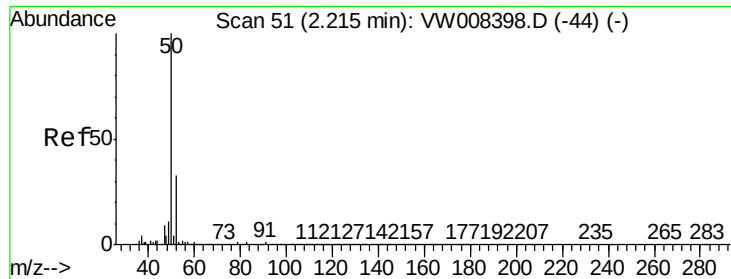
4000

2000

0

Time--> 1.90 2.00 2.10





#3

Chloromethane

Concen: 14.284 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW008458.D

Acq: 30 Jan 2019 11:51

Instrument :

MSVOA_W

ClientSampleId :

VW0130SBSD01

Tot Ion: 50 Resp: 51152

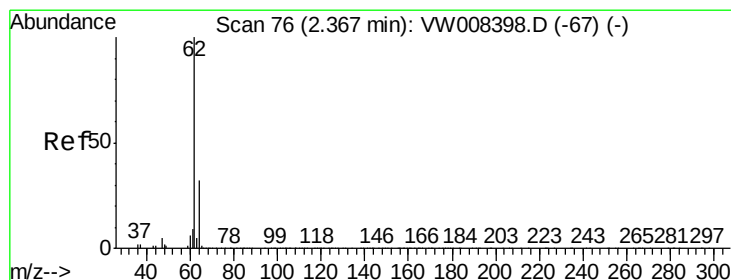
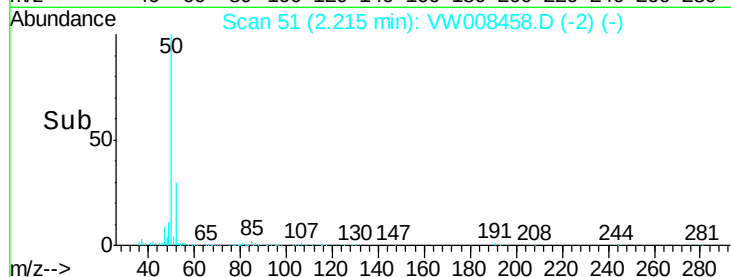
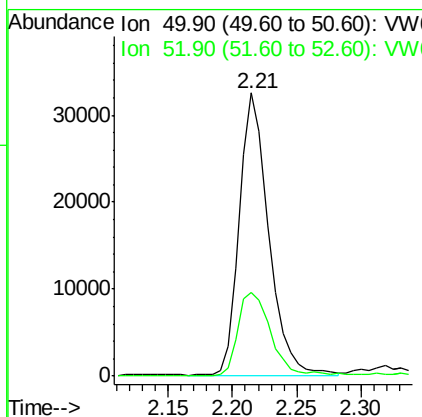
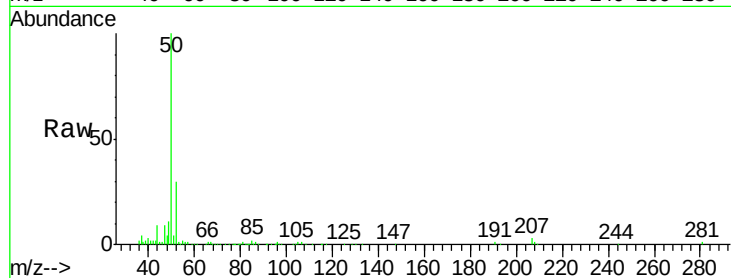
Ion Ratio Lower Upper

50 100

52 29.8 26.3 39.5

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#4

Vinyl Chloride

Concen: 16.588 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW008458.D

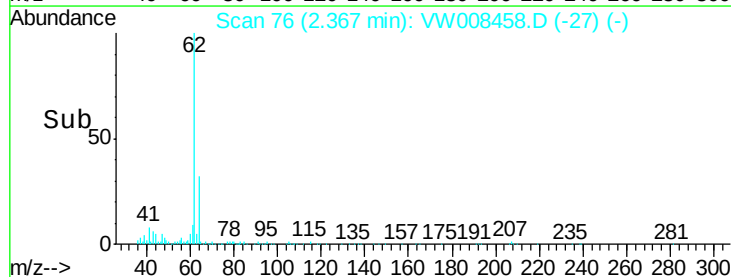
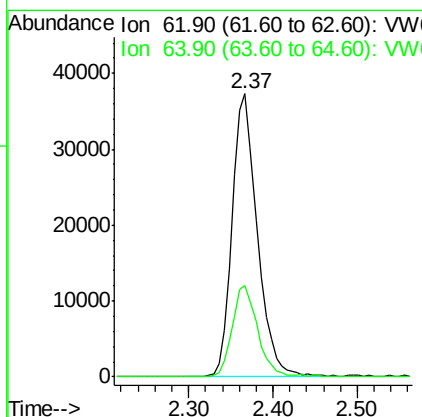
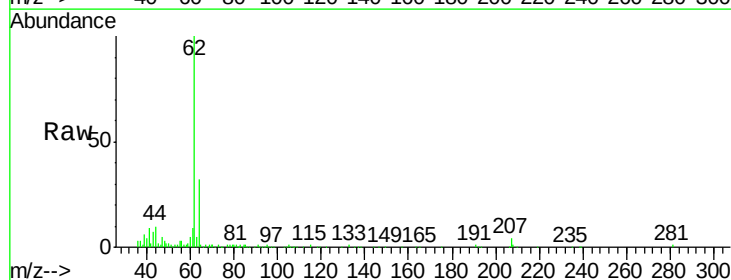
Acq: 30 Jan 2019 11:51

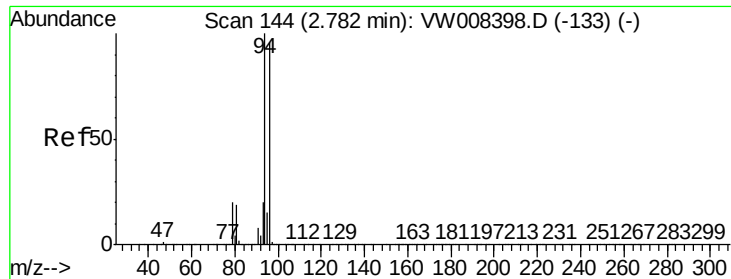
Tgt Ion: 62 Resp: 75614

Ion Ratio Lower Upper

62 100

64 32.2 25.5 38.3





#5

Bromomethane

Concen: 19.039 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.01 min

Lab File: VW008458.D

Acq: 30 Jan 2019 11:51

Instrument :

MSVOA_W

ClientSampleId :

VW0130SBS01

Tot Ion: 94 Resp: 55980

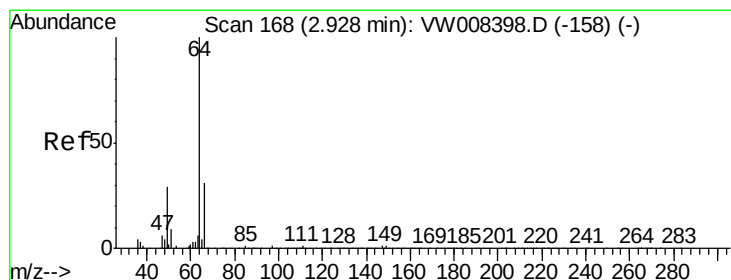
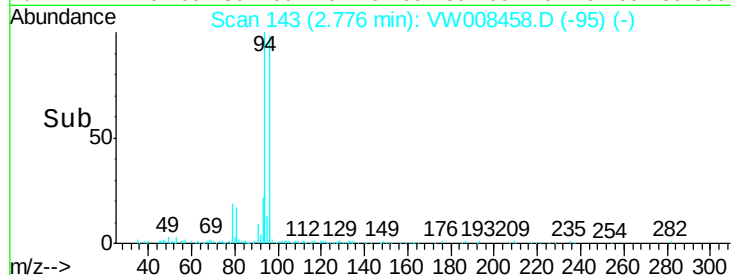
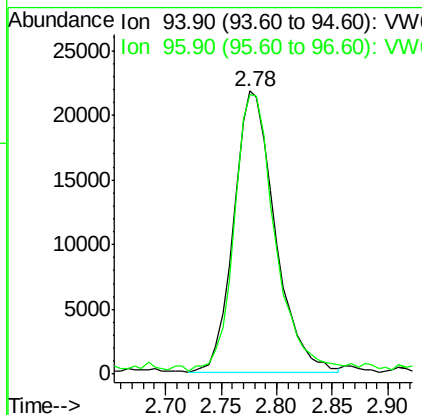
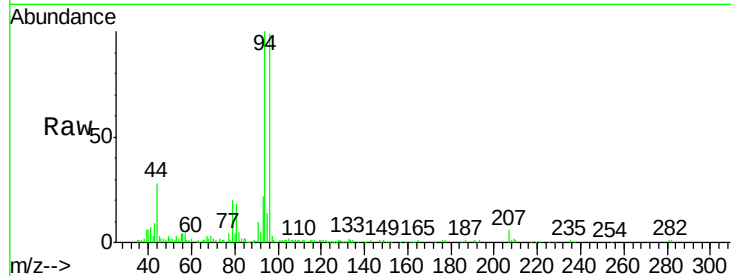
Ion Ratio Lower Upper

94 100

96 98.0 77.2 115.8

Manual Integrations
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#6

Chloroethane

Concen: 18.409 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.01 min

Lab File: VW008458.D

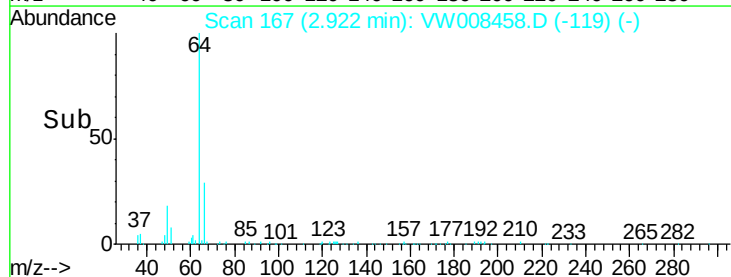
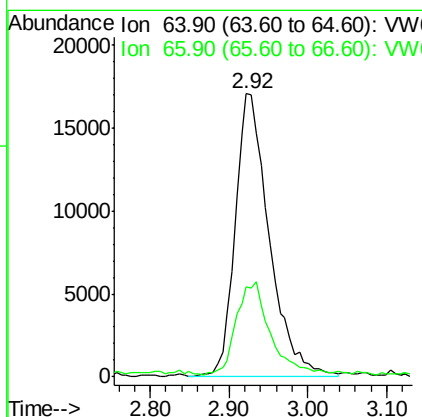
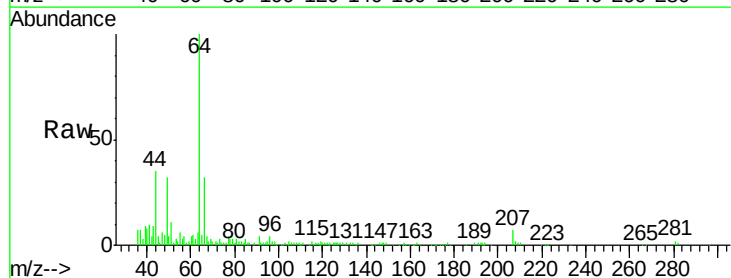
Acq: 30 Jan 2019 11:51

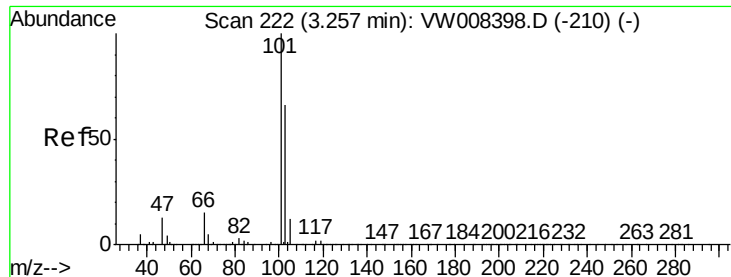
Tgt Ion: 64 Resp: 51320

Ion Ratio Lower Upper

64 100

66 29.5 24.9 37.3





#7

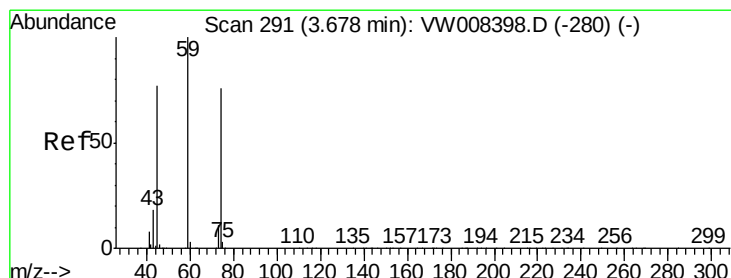
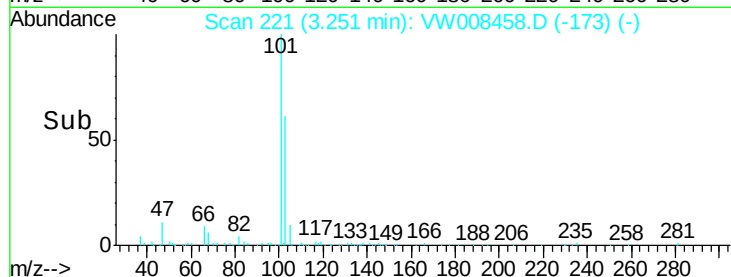
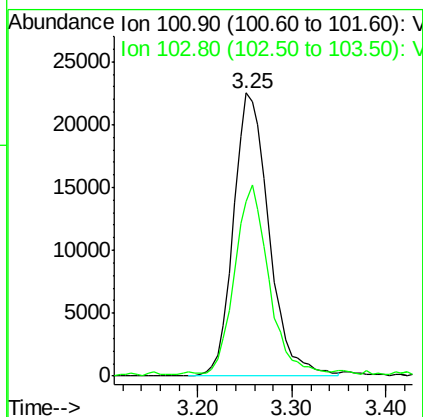
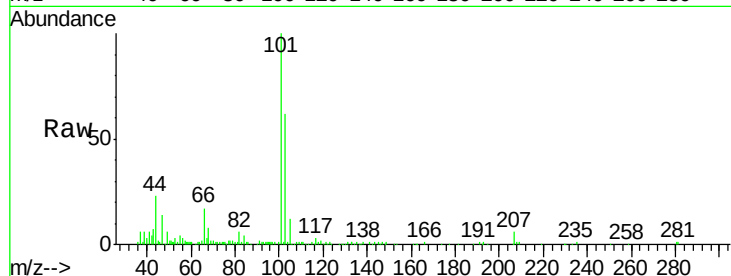
Trichlorofluoromethane
Concen: 18.251 ug/l
RT: 3.25 min Scan# 221
Delta R.T. -0.01 min
Lab File: VW008458.D
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ClientSampleId :
VW0130SBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	59.9	52.5	78.7

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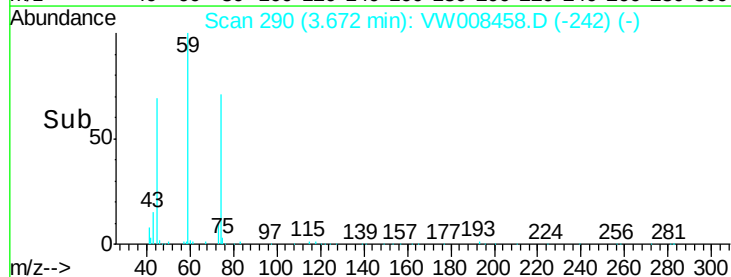
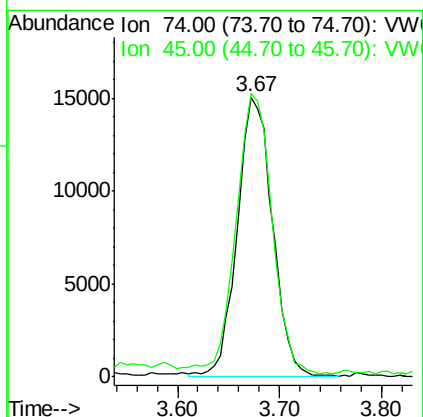
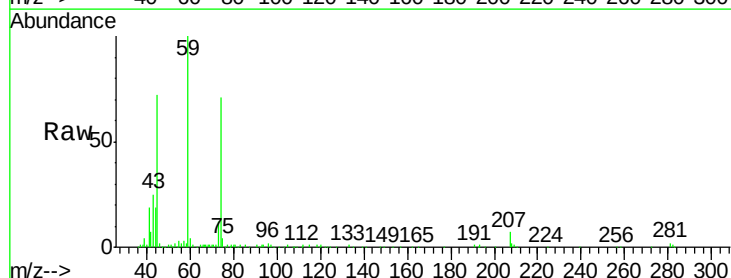
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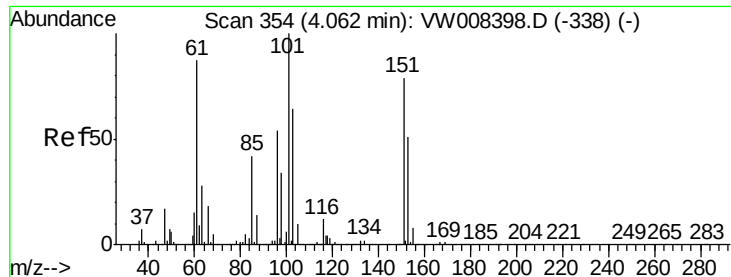


#8

Diethyl Ether
Concen: 16.313 ug/l
RT: 3.67 min Scan# 290
Delta R.T. -0.01 min
Lab File: VW008458.D
Acq: 30 Jan 2019 11:51

Tgt Ion	Ratio	Lower	Upper
74	100		
45	104.1	51.7	155.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.103 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.01 min

Lab File: VW008458.D

Acq: 30 Jan 2019 11:51

Instrument :

MSVOA_W

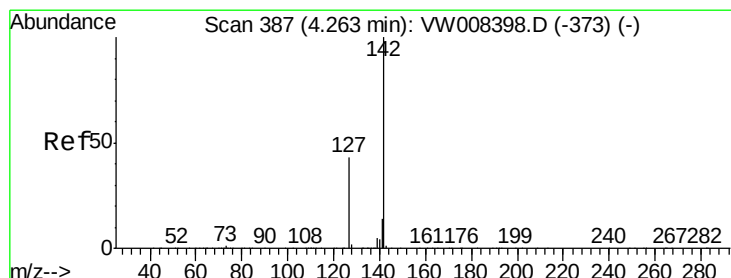
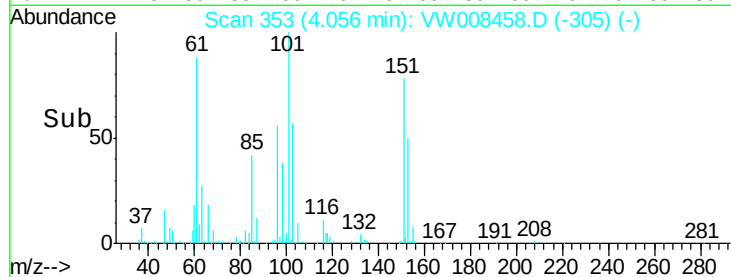
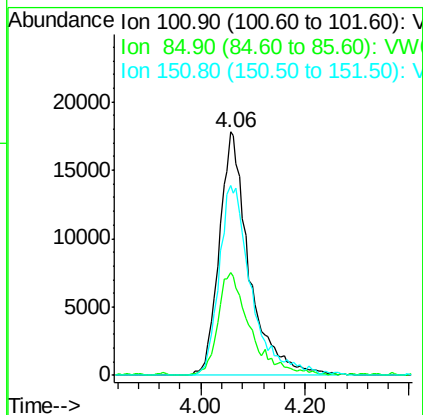
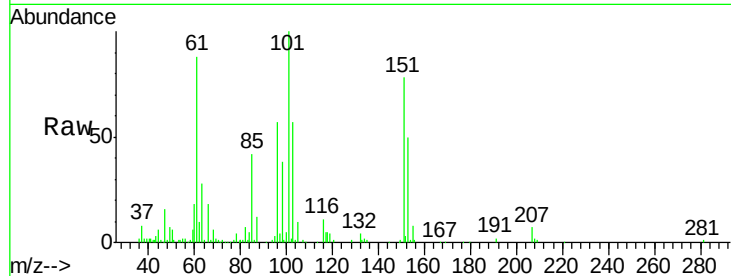
ClientSampleId :

VW0130SBS01

Tot Ion:	101	Resp:	71830
Ion Ratio	Lower	Upper	
101	100		
85	44.7	35.0	52.4
151	82.5	62.6	94.0

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#10

Methyl Iodide

Concen: 18.221 ug/l

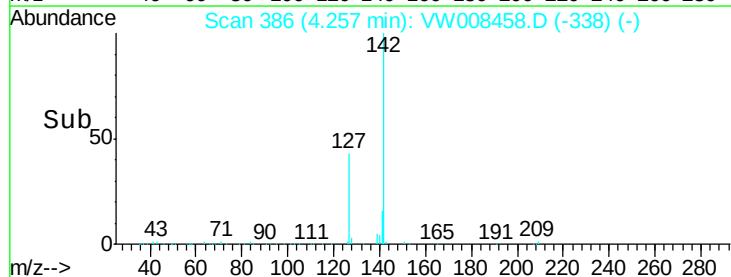
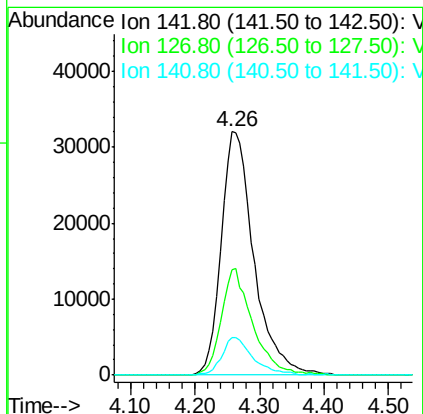
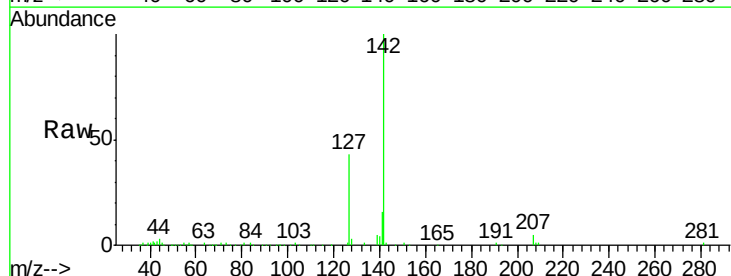
RT: 4.26 min Scan# 386

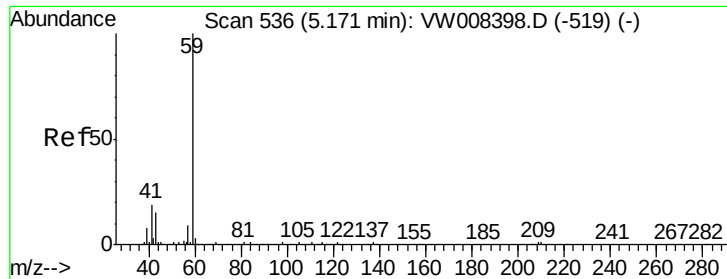
Delta R.T. -0.01 min

Lab File: VW008458.D

Acq: 30 Jan 2019 11:51

Tgt Ion:	142	Resp:	114195
Ion Ratio	Lower	Upper	
142	100		
127	41.9	34.6	52.0
141	14.9	11.4	17.2





#11

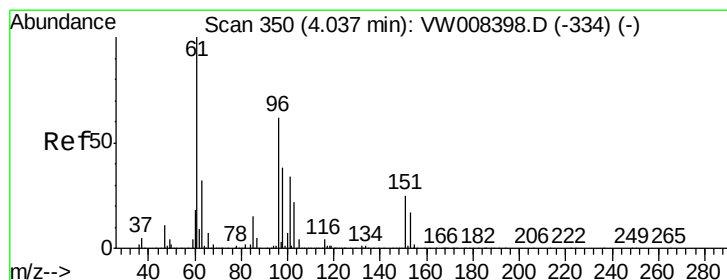
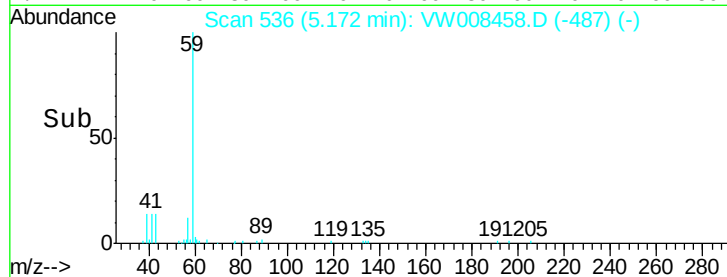
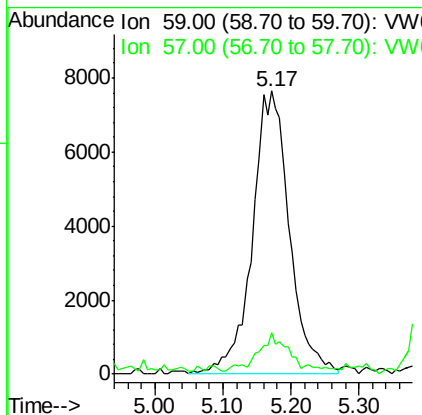
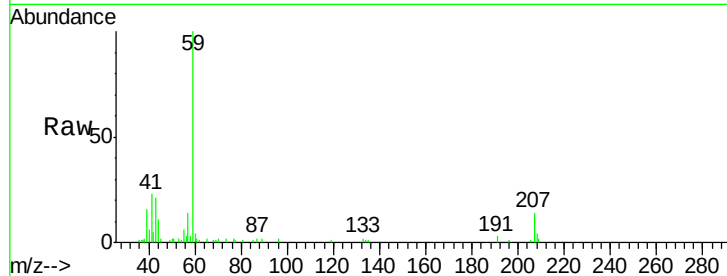
Tert butyl alcohol
Concen: 83.632 ug/l
RT: 5.17 min Scan# 536
Delta R.T. 0.00 min
Lab File: VW008458.D
Acq: 30 Jan 2019 11:51

Instrument :
MSVOA_W
ClientSampleId :
VW0130SBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	7.5	9.3	13.9#

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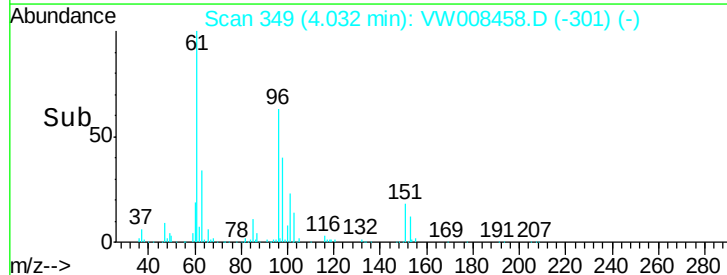
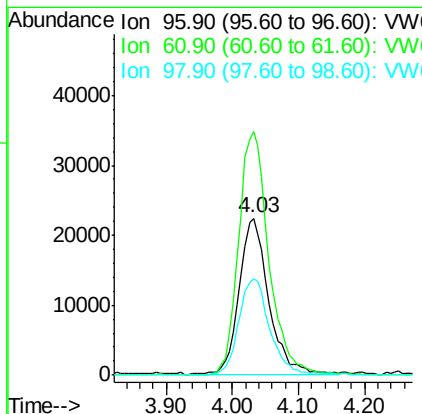
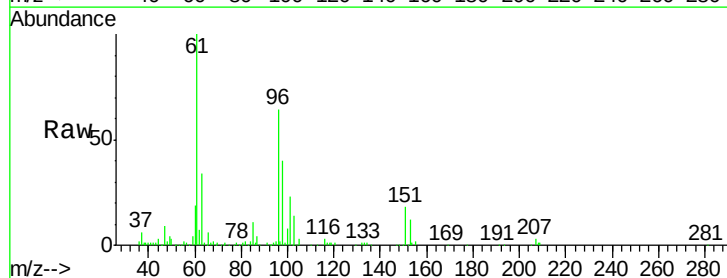
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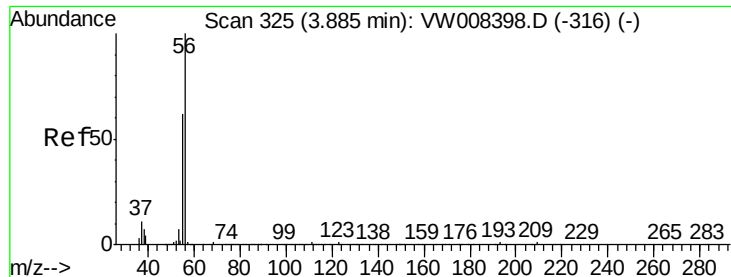


#12

1,1-Dichloroethene
Concen: 17.228 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW008458.D
Acq: 30 Jan 2019 11:51

Tgt Ion	Ratio	Lower	Upper
96	100		
61	156.3	129.5	194.3
98	62.0	48.6	73.0





#13

Acrolein

Concen: 99.575 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.01 min

Lab File: VW008458.D

Acq: 30 Jan 2019 11:51

Instrument :

MSVOA_W

ClientSampleId :

VW0130SBS01

Tot Ion: 56 Resp: 29700

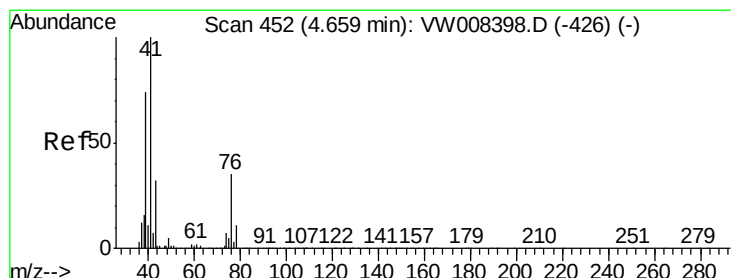
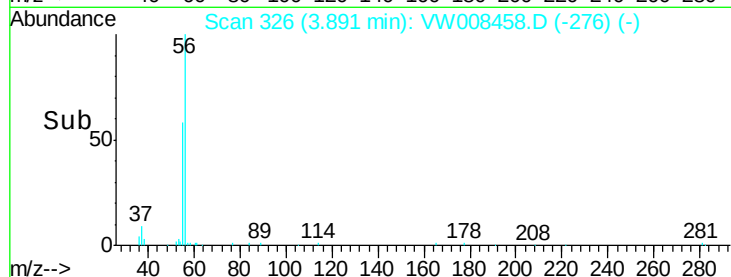
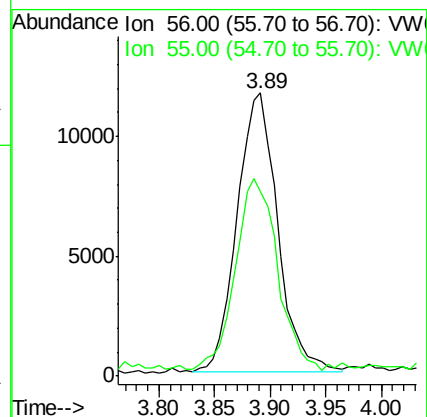
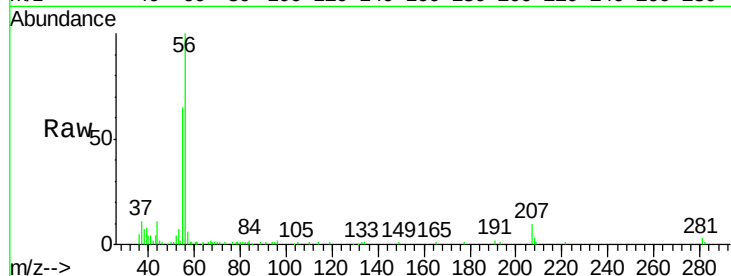
Ion Ratio Lower Upper

56 100

55 70.6 56.7 85.1

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#14

Allyl chloride

Concen: 15.770 ug/l

RT: 4.66 min Scan# 452

Delta R.T. 0.00 min

Lab File: VW008458.D

Acq: 30 Jan 2019 11:51

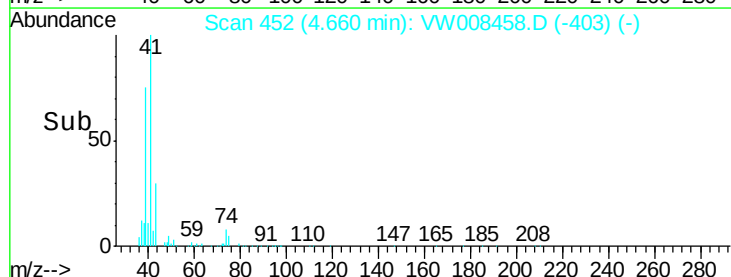
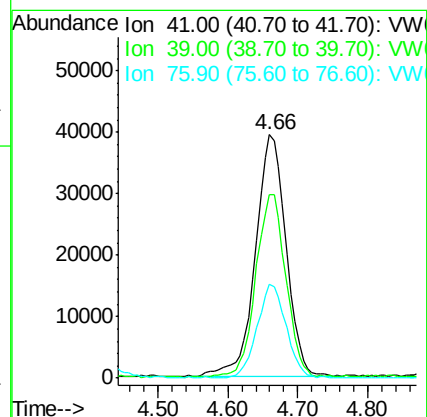
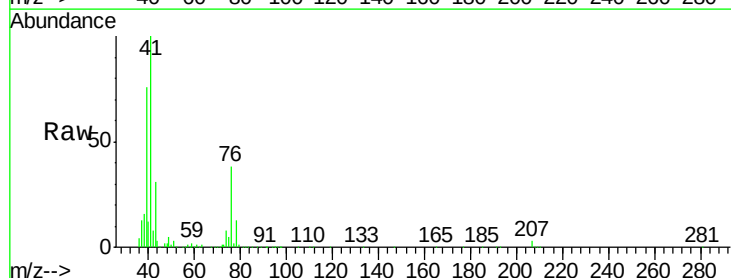
Tgt Ion: 41 Resp: 120250

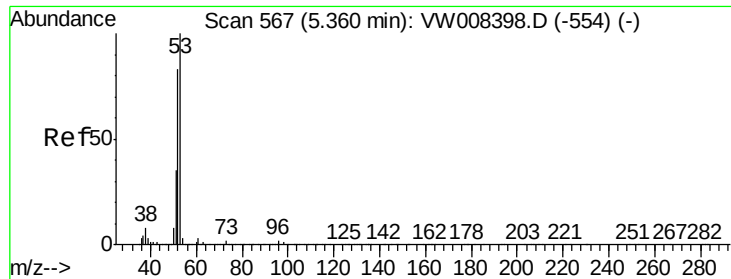
Ion Ratio Lower Upper

41 100

39 74.0 57.7 86.5

76 36.8 26.9 40.3





#15

Acrylonitrile

Concen: 81.738 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.01 min

Lab File: VW008458.D

Acq: 30 Jan 2019 11:51

Instrument :

MSVOA_W

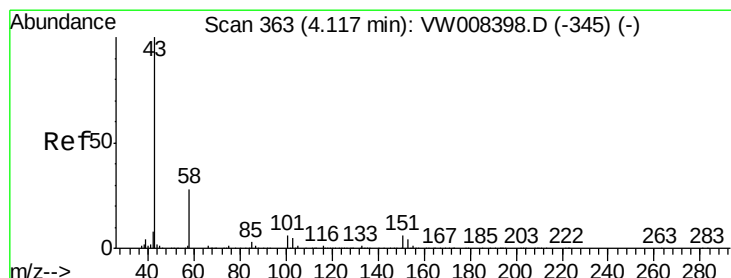
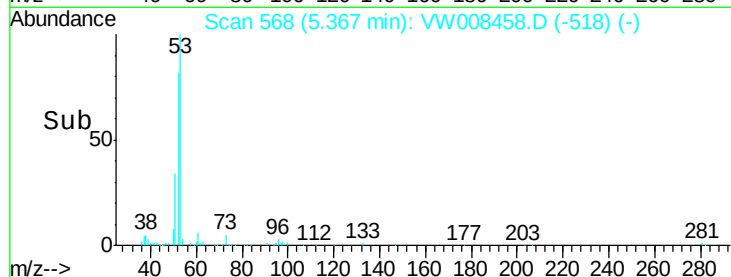
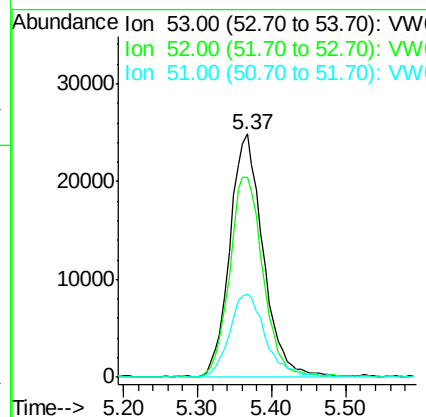
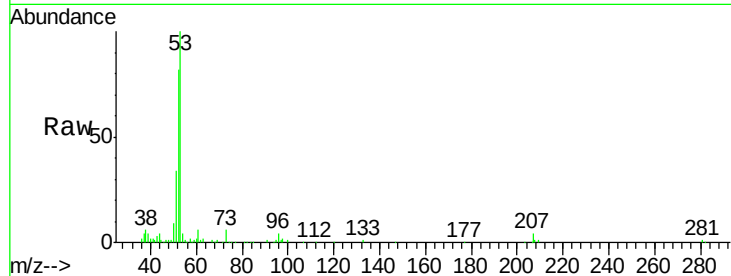
ClientSampleId :

VW0130SBS01

Tot Ion:	53	Resp:	77218
Ion	Ratio	Lower	Upper
53	100		
52	83.5	67.0	100.4
51	37.2	29.8	44.8

Manual Integrations
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#16

Acetone

Concen: 82.013 ug/l

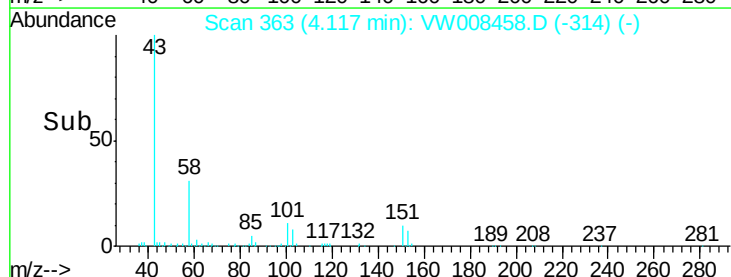
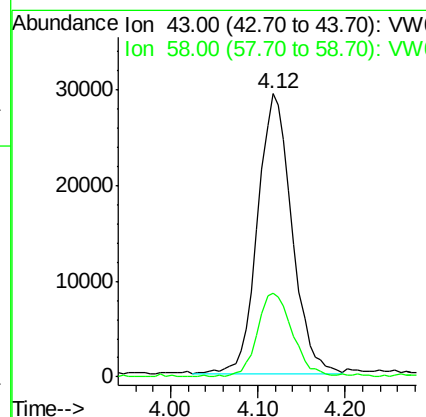
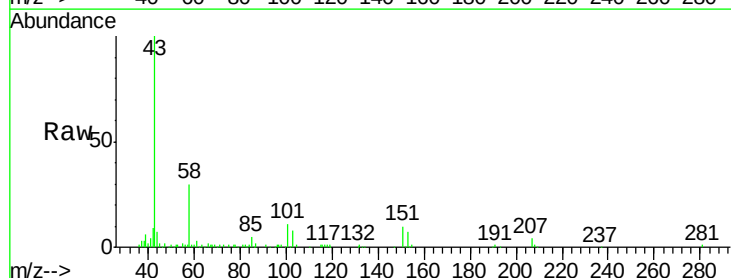
RT: 4.12 min Scan# 363

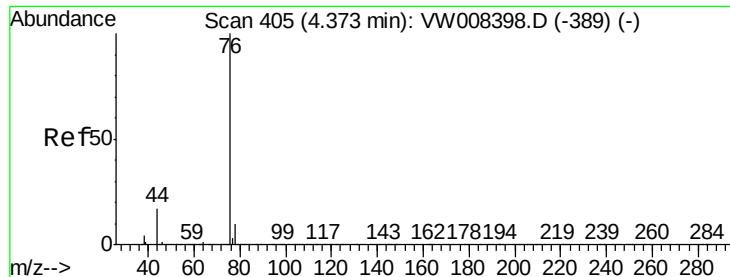
Delta R.T. 0.00 min

Lab File: VW008458.D

Acq: 30 Jan 2019 11:51

Tgt Ion:	43	Resp:	79374
Ion	Ratio	Lower	Upper
43	100		
58	29.8	22.6	34.0





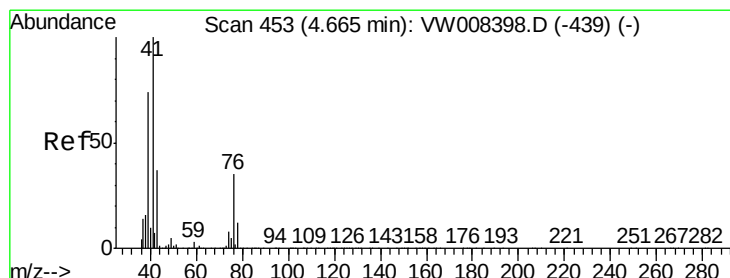
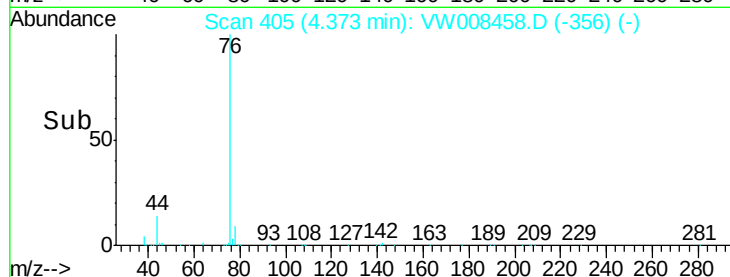
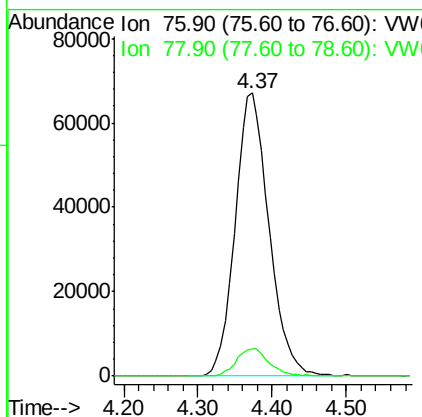
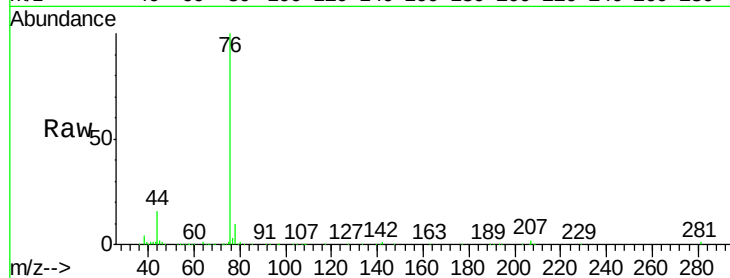
#17
Carbon Disulfide
Concen: 16.662 ug/l
RT: 4.37 min Scan# 405
Delta R.T. 0.00 min
Lab File: VW008458.D
Acq: 30 Jan 2019 11:51

Instrument :
MSVOA_W
ClientSampleId :
VW0130SBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.7	7.7	11.5

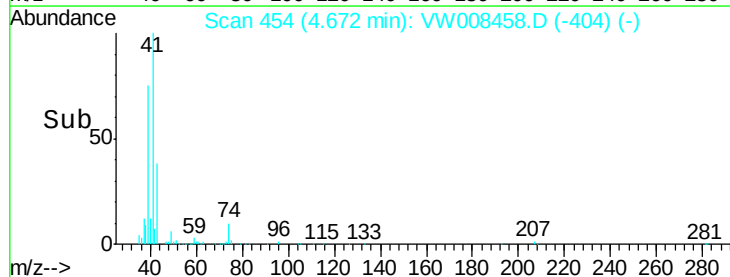
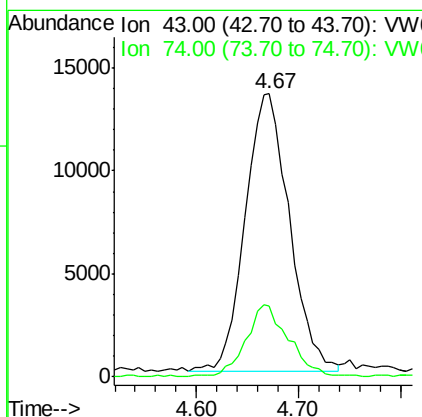
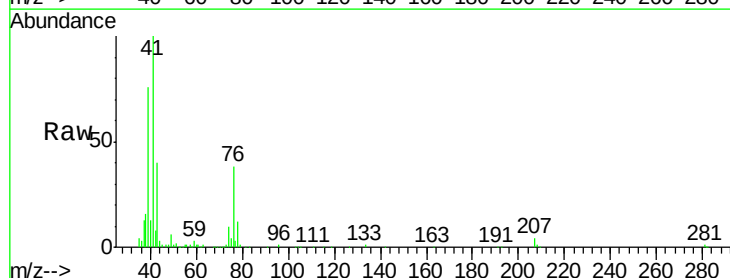
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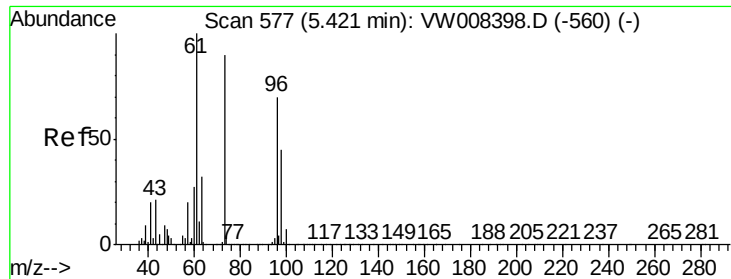
MMDadoda
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#18
Methyl Acetate
Concen: 15.741 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.01 min
Lab File: VW008458.D
Acq: 30 Jan 2019 11:51

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.2	17.5	26.3





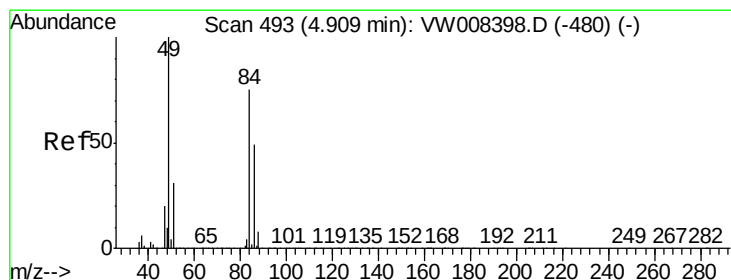
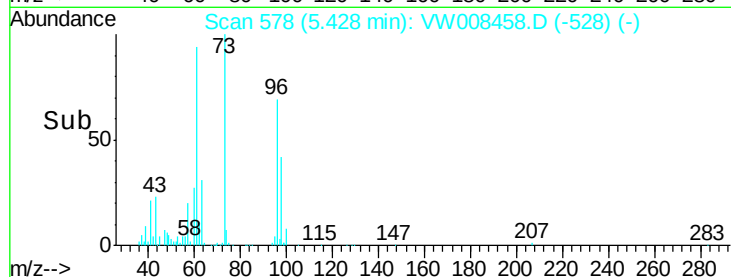
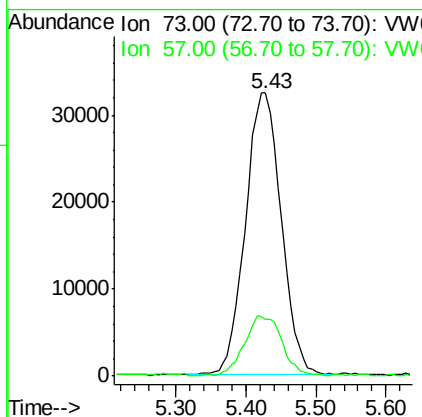
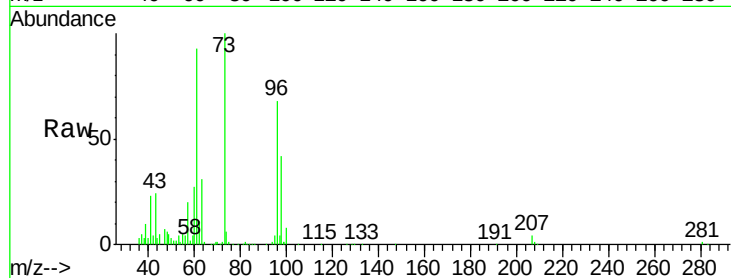
#19
Methyl tert-butyl Ether
Concen: 17.418 ug/l
RT: 5.43 min Scan# 578
Delta R.T. 0.01 min
Lab File: VW008458.D
Acq: 30 Jan 2019 11:51

Instrument :
MSVOA_W
ClientSampleId :
VW0130SBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	19.9	18.0	27.0

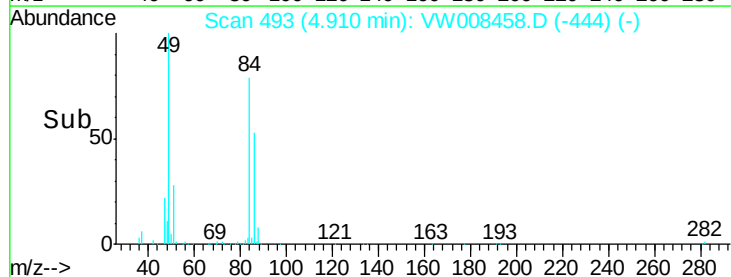
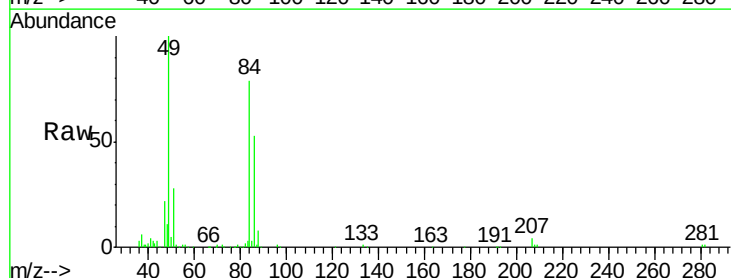
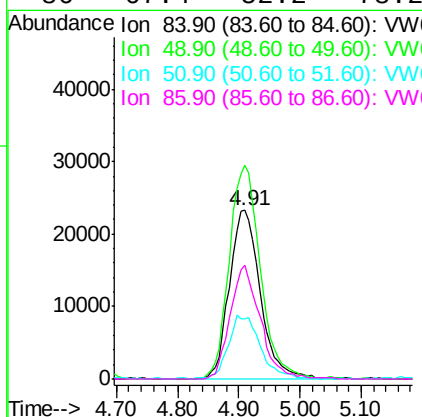
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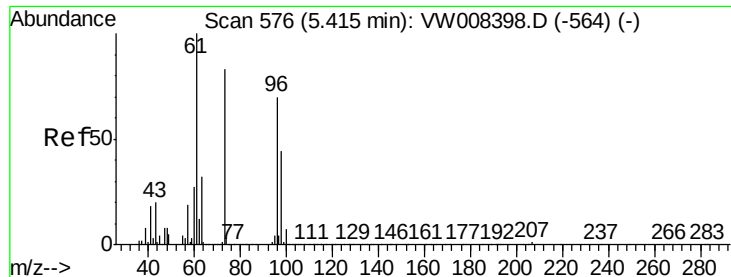
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#20
Methylene Chloride
Concen: 18.233 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW008458.D
Acq: 30 Jan 2019 11:51

Tgt Ion	Ratio	Lower	Upper
84	100		
49	126.5	106.8	160.2
51	36.1	32.9	49.3
86	67.4	52.2	78.2





#21

trans-1,2-Dichloroethene

Concen: 17.188 ug/l

RT: 5.41 min Scan# 575

Delta R.T. -0.01 min

Lab File: VW008458.D

Acq: 30 Jan 2019 11:51

Instrument :

MSVOA_W

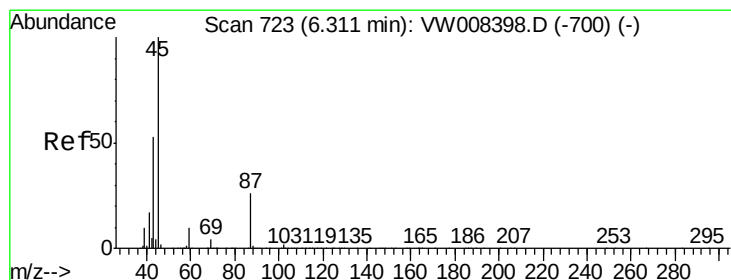
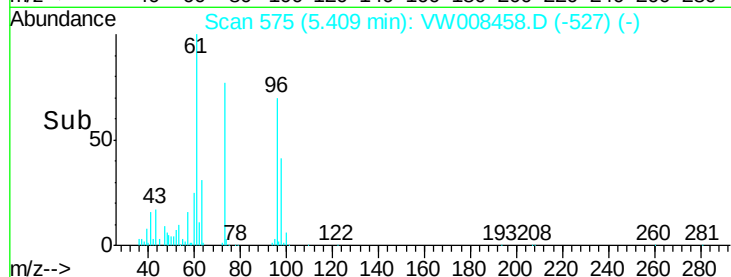
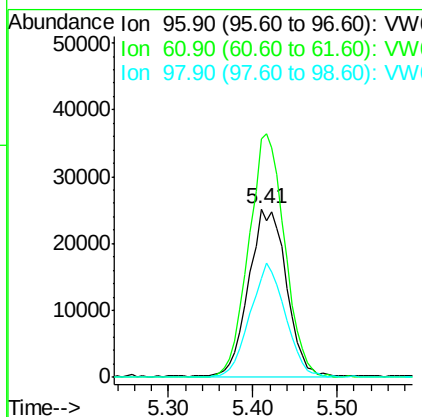
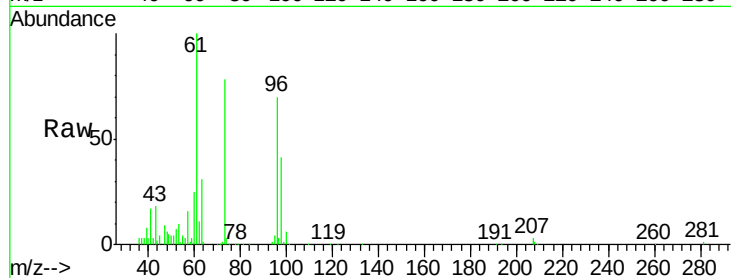
ClientSampleId :

VW0130SBSD01

Tot Ion:	96	Resp:	77595
Ion	Ratio	Lower	Upper
96	100		
61	141.9	114.4	171.6
98	58.6	50.6	75.8

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#22

Diisopropyl ether

Concen: 15.956 ug/l

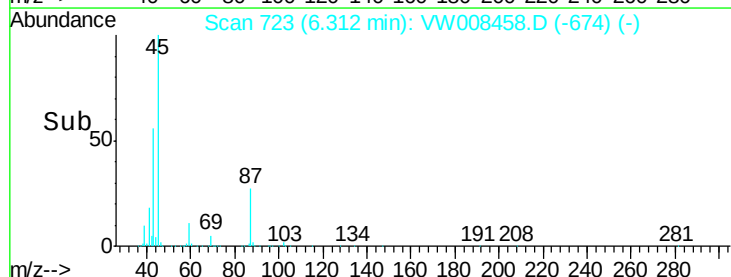
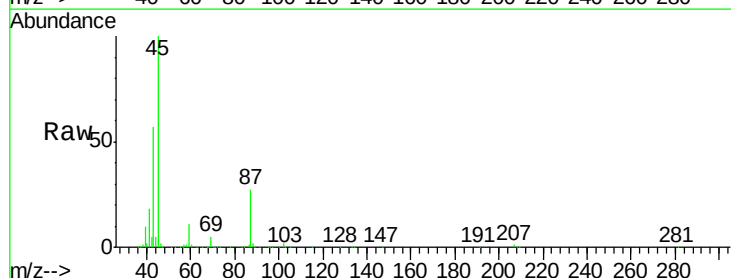
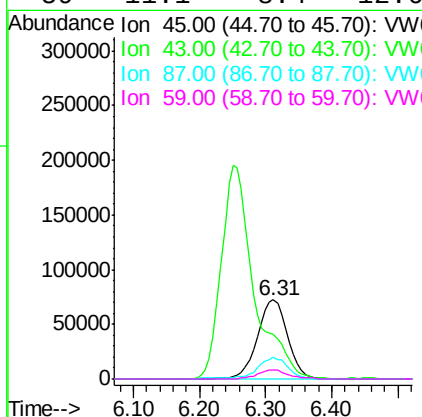
RT: 6.31 min Scan# 723

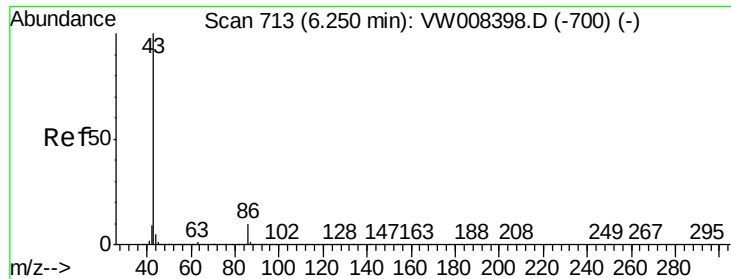
Delta R.T. 0.00 min

Lab File: VW008458.D

Acq: 30 Jan 2019 11:51

Tgt Ion:	45	Resp:	230587
Ion	Ratio	Lower	Upper
45	100		
43	56.4	42.6	63.8
87	27.0	20.3	30.5
59	11.1	8.4	12.6





#23

Vinyl Acetate

Concen: 77.950 ug/l

RT: 6.25 min Scan# 713

Delta R.T. 0.00 min

Lab File: VW008458.D

Acq: 30 Jan 2019 11:51

Instrument :

MSVOA_W

ClientSampleId :

VW0130SBSD01

Tot Ion: 43 Resp: 665157

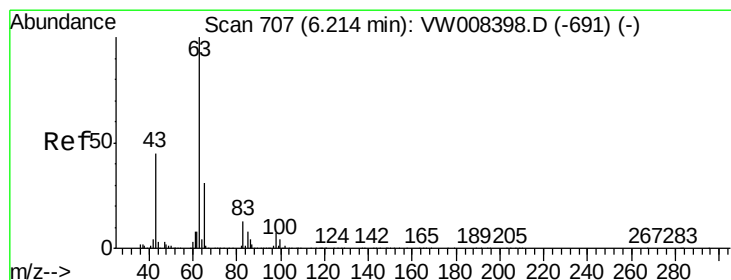
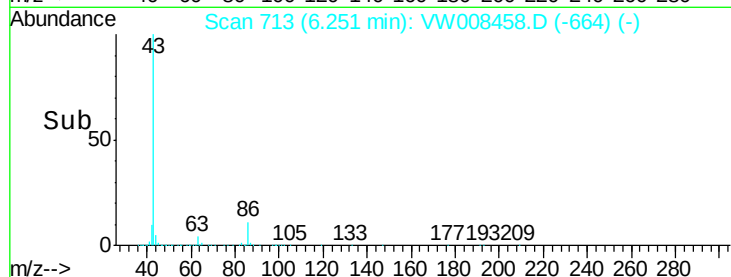
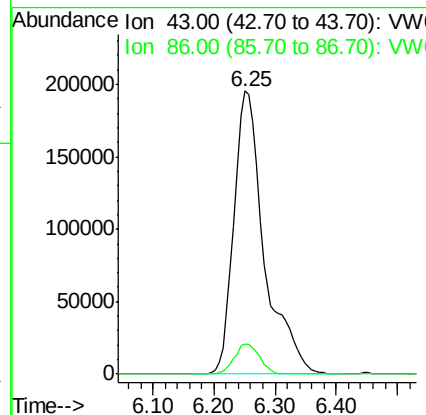
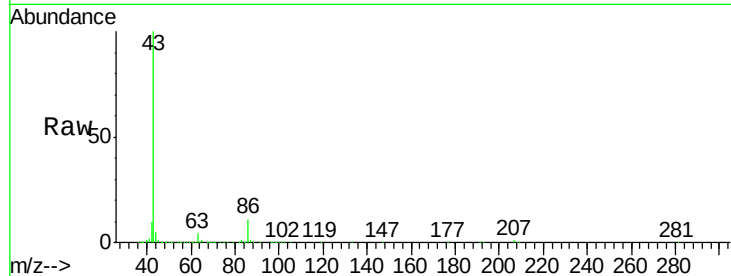
Ion Ratio Lower Upper

43 100

86 10.6 7.8 11.8

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#24

1,1-Dichloroethane

Concen: 16.533 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.01 min

Lab File: VW008458.D

Acq: 30 Jan 2019 11:51

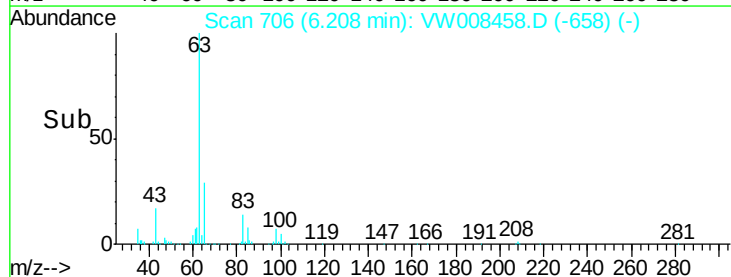
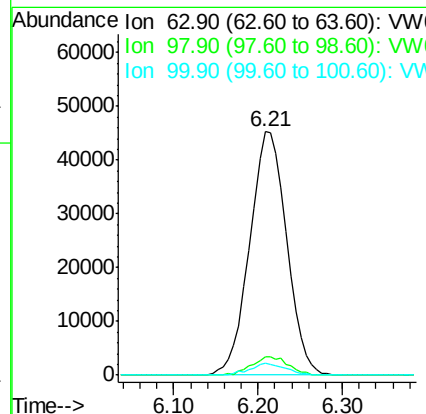
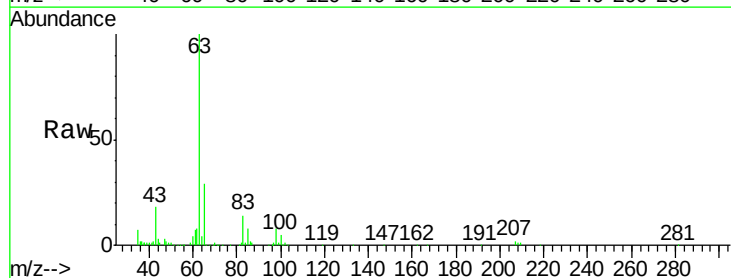
Tgt Ion: 63 Resp: 135241

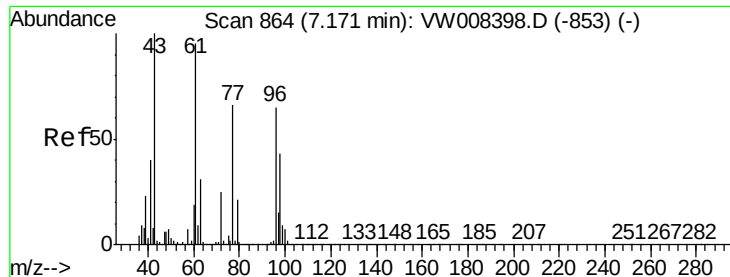
Ion Ratio Lower Upper

63 100

98 7.5 3.5 10.5

100 4.7 2.1 6.2





#25

2-Butanone

Concen: 79.390 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW008458.D

Acq: 30 Jan 2019 11:51

Instrument :

MSVOA_W

ClientSampleId :

VW0130SBS01

Tot Ion: 43 Resp: 106723

Ion Ratio Lower Upper

43 100

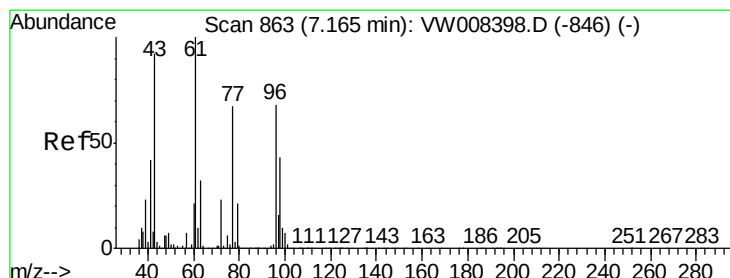
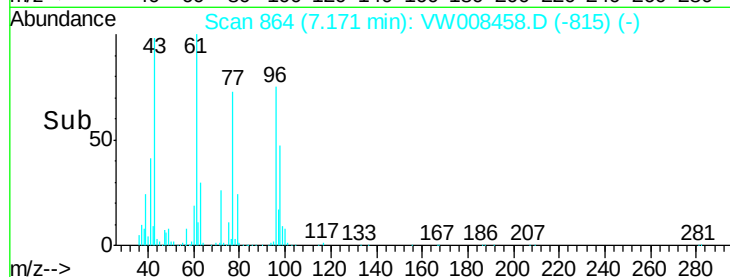
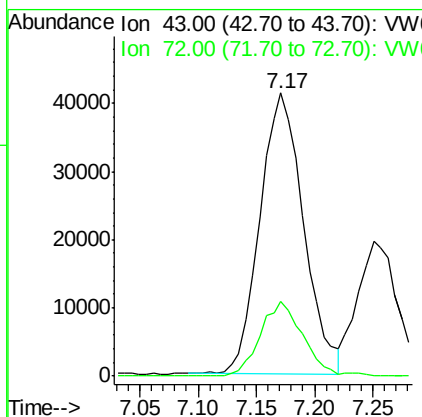
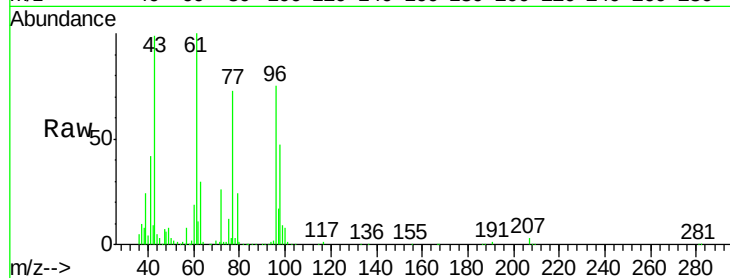
72 26.5 20.1 30.1

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 17.405 ug/l

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW008458.D

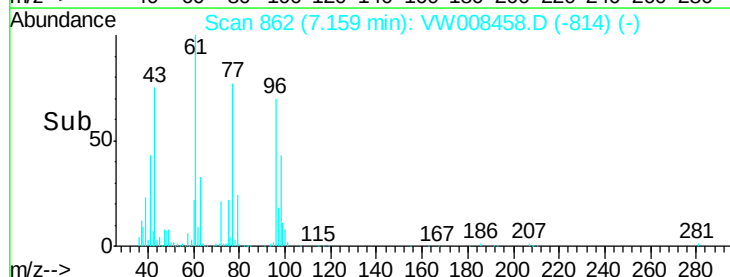
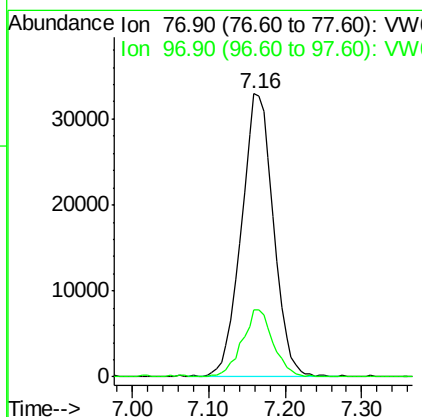
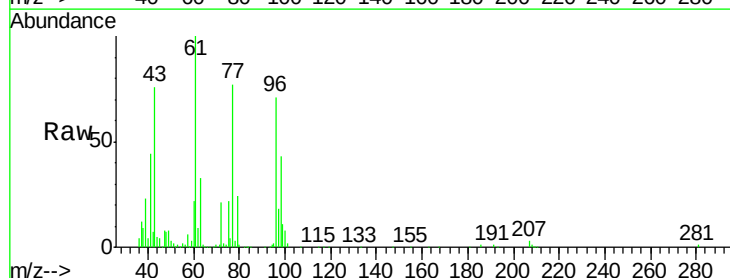
Acq: 30 Jan 2019 11:51

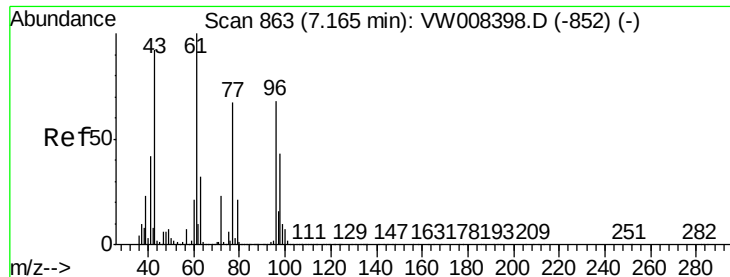
Tgt Ion: 77 Resp: 96237

Ion Ratio Lower Upper

77 100

97 22.9 11.5 34.5





#27

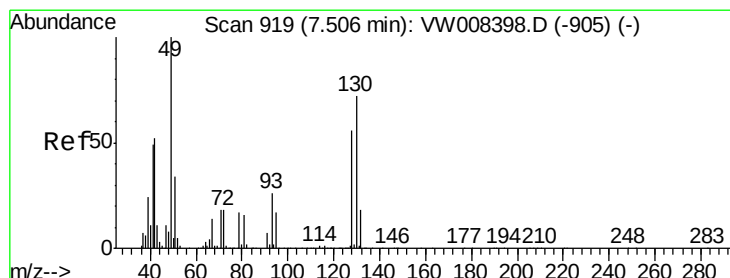
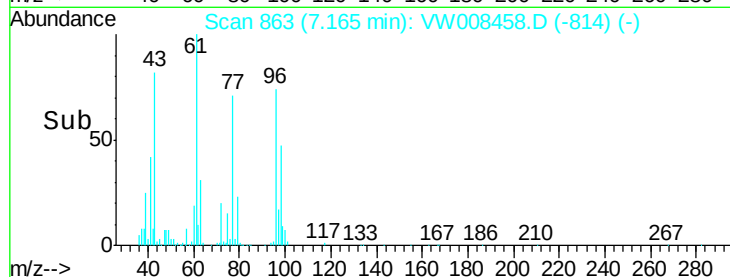
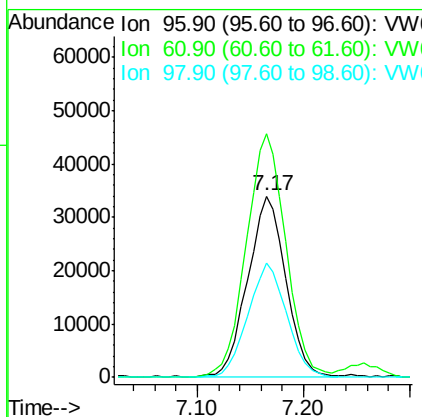
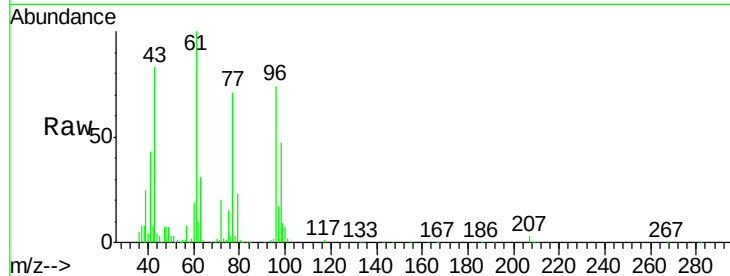
cis-1,2-Dichloroethene
Concen: 17.153 ug/l
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW008458.D
Acq: 30 Jan 2019 11:51

Instrument :
MSVOA_W
ClientSampleId :
VW0130SBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	141.1	0.0	292.8
98	65.1	0.0	129.2

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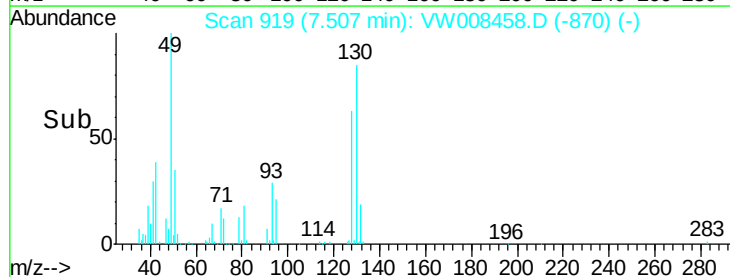
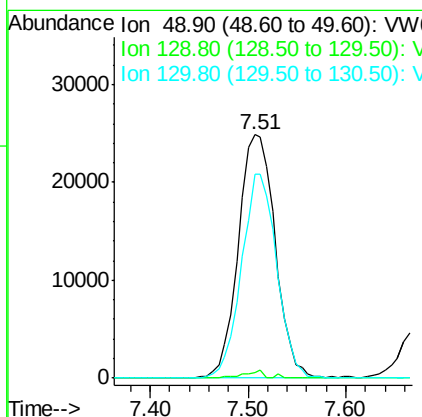
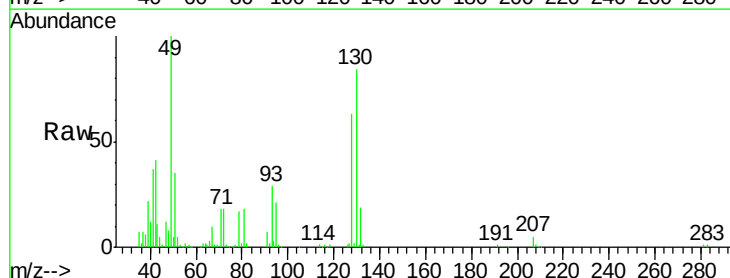
MMDadoda
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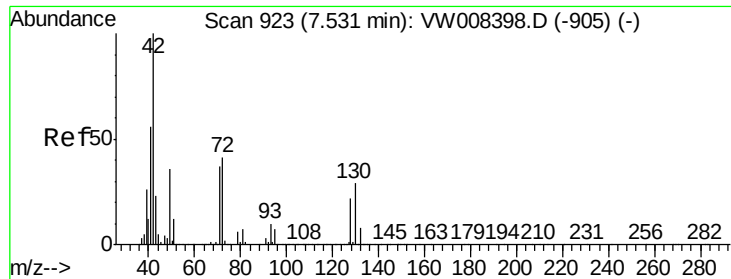


#28

Bromochloromethane
Concen: 17.305 ug/l
RT: 7.51 min Scan# 919
Delta R.T. 0.00 min
Lab File: VW008458.D
Acq: 30 Jan 2019 11:51

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.5	0.0	4.6
130	80.1	58.6	87.8





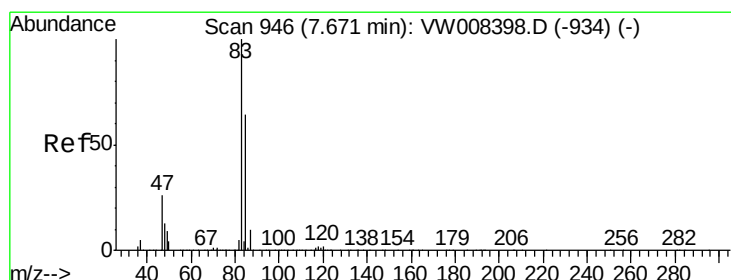
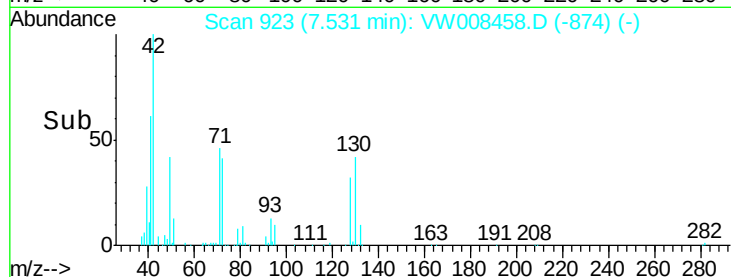
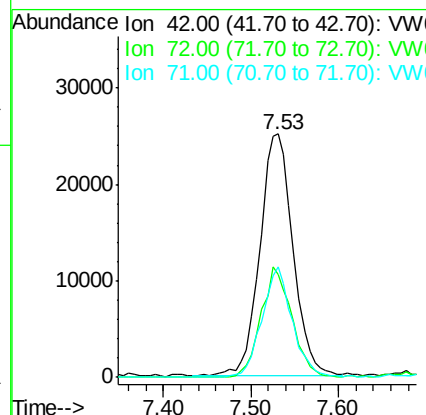
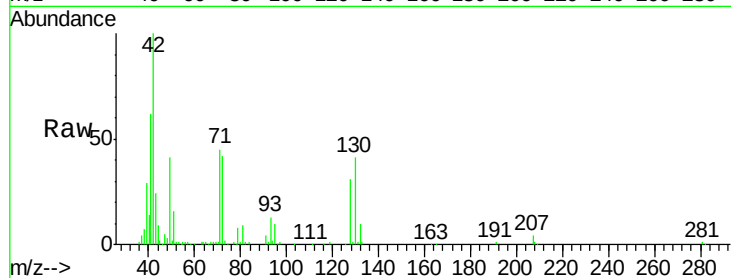
#29
Tetrahydrofuran
Concen: 78.247 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.00 min
Lab File: VW008458.D
Acq: 30 Jan 2019 11:51

Instrument :
MSVOA_W
ClientSampleId :
VW0130SBS01

Tot Ion:	42	Resp:	66657
Ion Ratio		Lower	Upper
42	100		
72	42.5	31.9	47.9
71	41.7	29.9	44.9

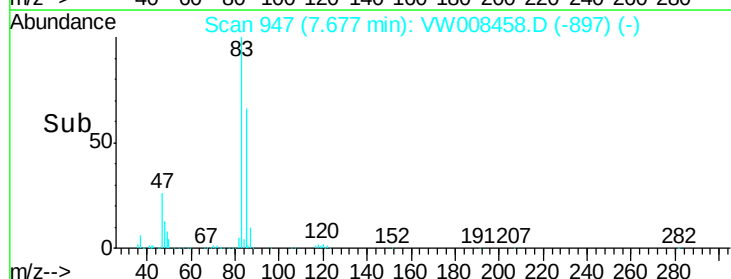
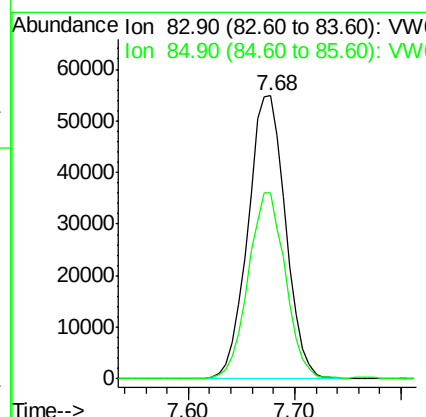
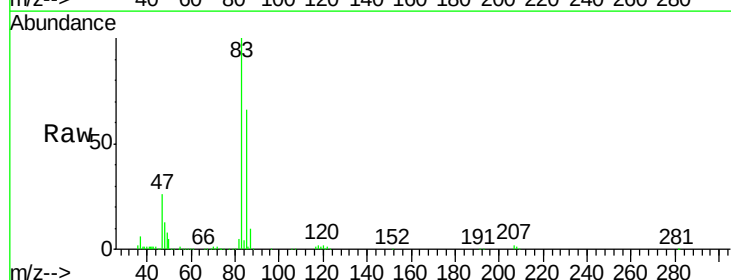
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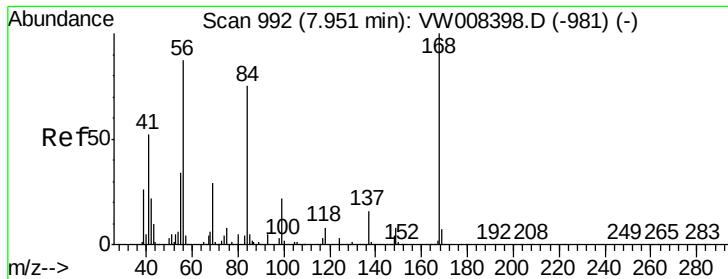
MMDadoda
2/1/2019 10:47:10 AM



#30
Chloroform
Concen: 16.931 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.01 min
Lab File: VW008458.D
Acq: 30 Jan 2019 11:51

Tgt Ion:	83	Resp:	136224
Ion Ratio		Lower	Upper
83	100		
85	65.8	50.9	76.3





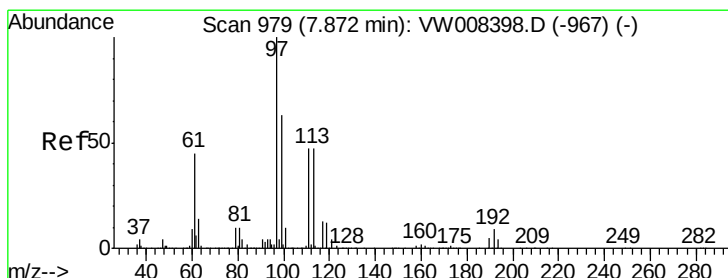
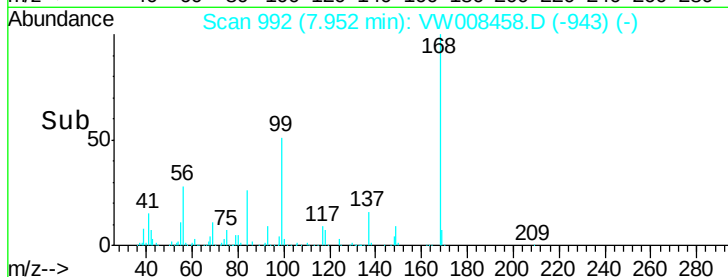
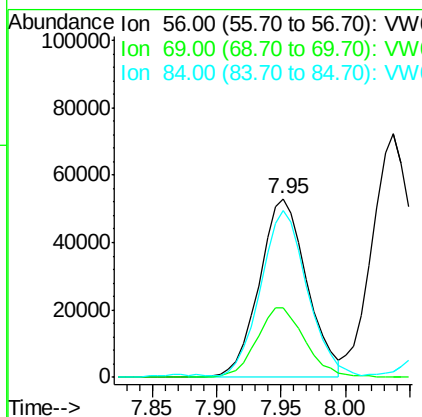
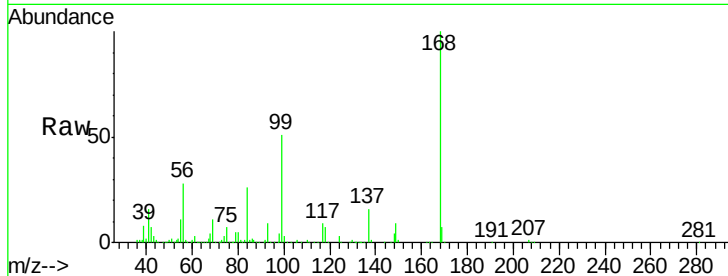
#31
Cyclohexane
Concen: 15.967 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW008458.D
Acq: 30 Jan 2019 11:51

Instrument :
MSVOA_W
ClientSampleId :
VW0130SBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	39.0	26.4	39.6
84	92.0	69.1	103.7

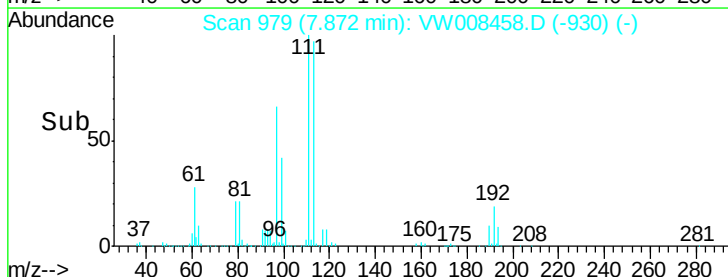
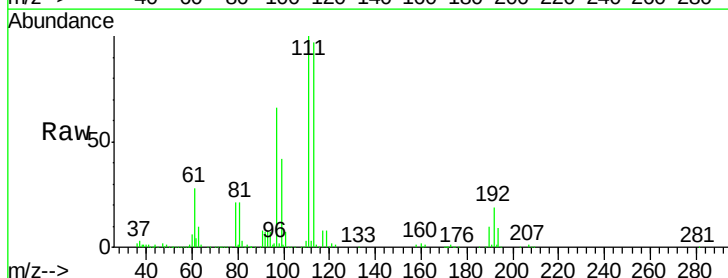
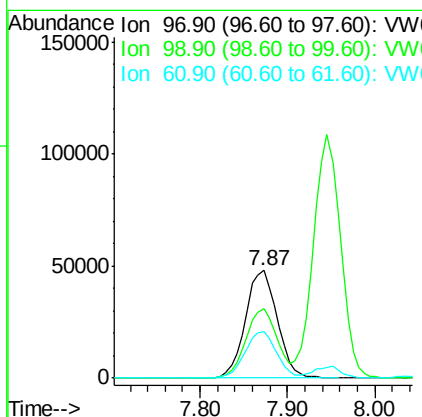
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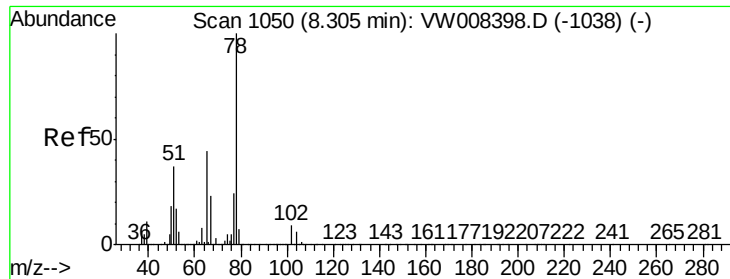
MMDadoda
2/1/2019 10:47:10 AM



#32
1,1,1-Trichloroethane
Concen: 17.604 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.00 min
Lab File: VW008458.D
Acq: 30 Jan 2019 11:51

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.2	51.3	76.9
61	42.7	36.2	54.4





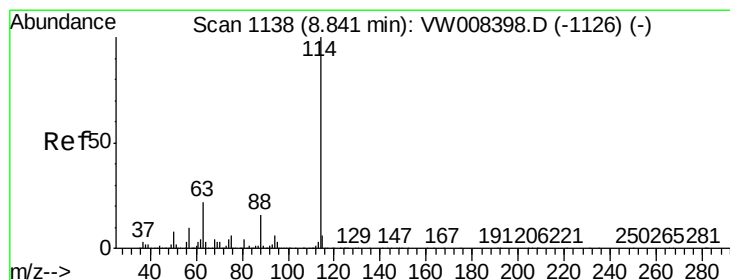
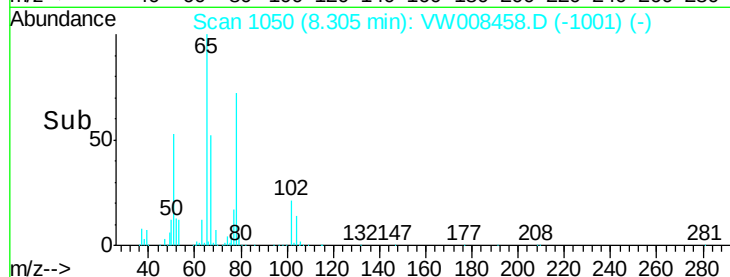
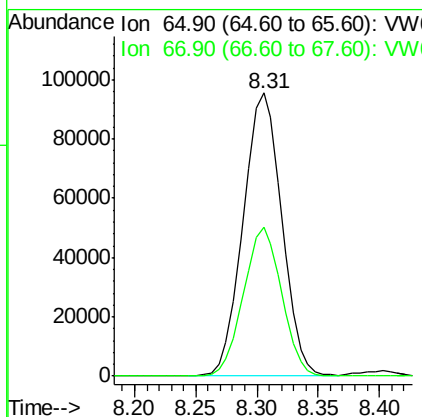
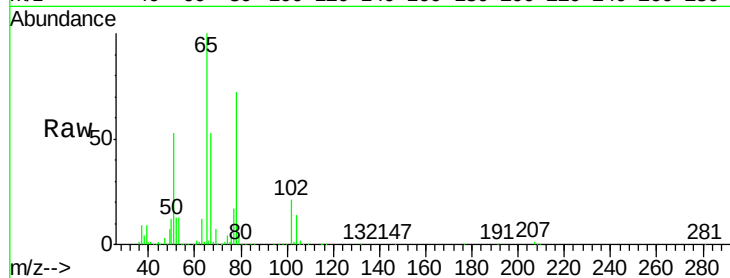
#33
 1,2-Dichloroethane-d4
 Concen: 48.796 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW008458.D
 Acq: 30 Jan 2019 11:51

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0130SBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	51.7	0.0	104.0	

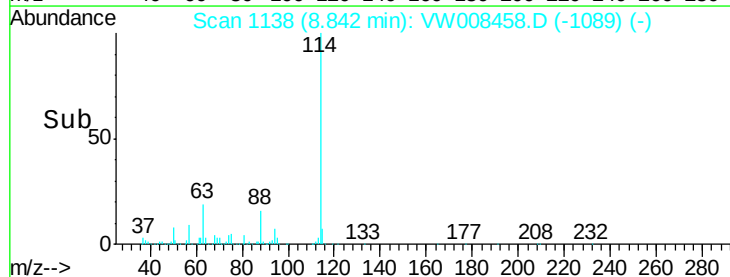
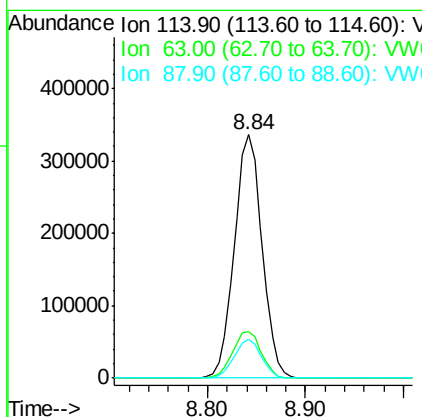
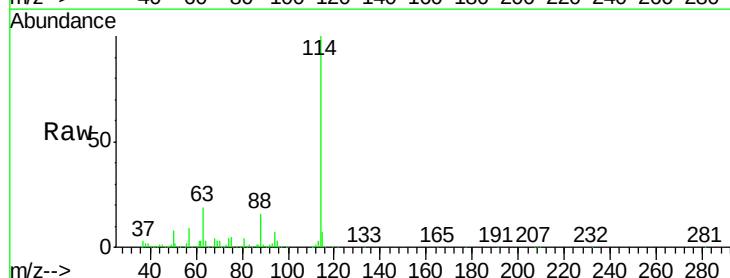
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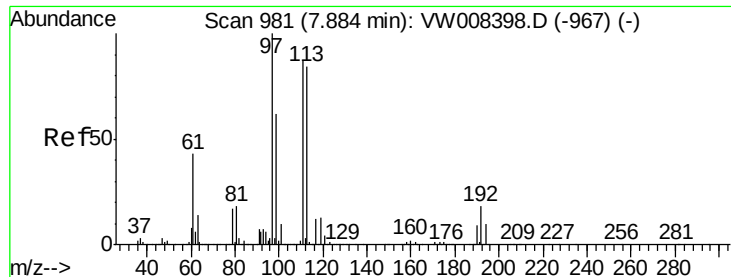
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 2/1/2019 10:47:10 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008458.D
 Acq: 30 Jan 2019 11:51

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	19.3	0.0	43.6	
88	16.0	0.0	31.8	





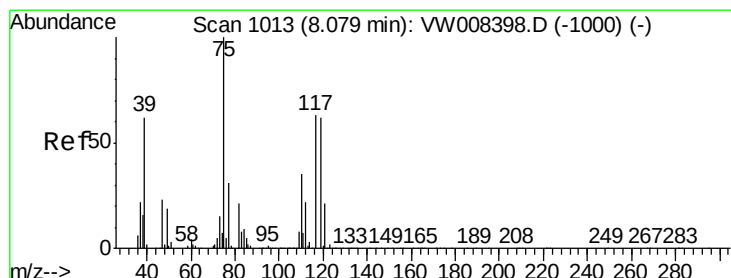
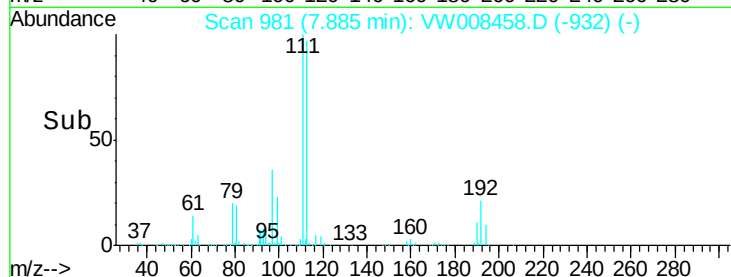
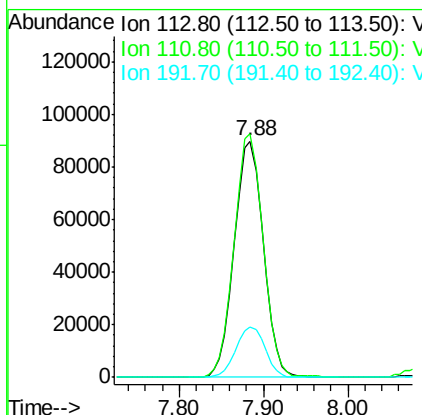
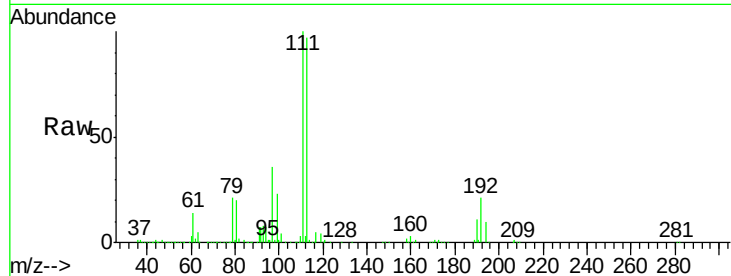
#35
 Dibromofluoromethane
 Concen: 54.496 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. 0.00 min
 Lab File: VW008458.D
 Acq: 30 Jan 2019 11:51

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0130SBS01

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.0	121.4
192	21.4	16.8	25.2

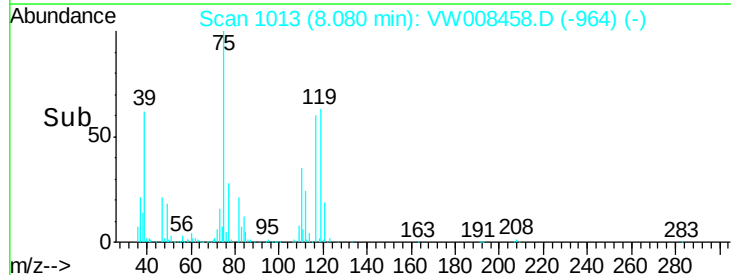
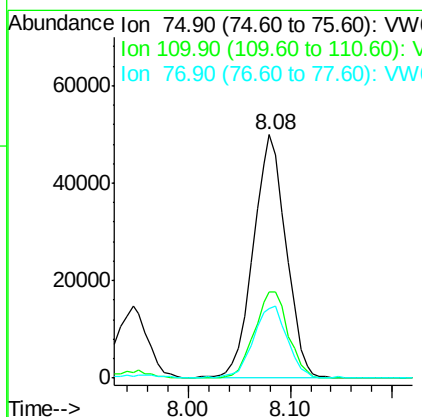
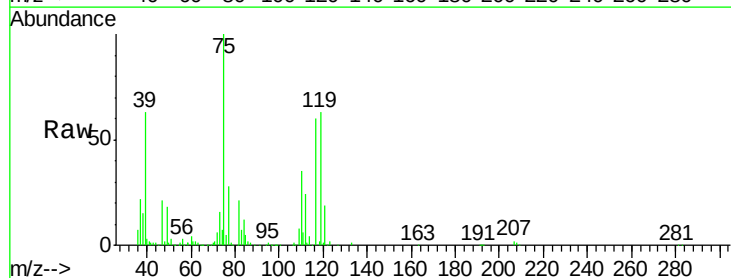
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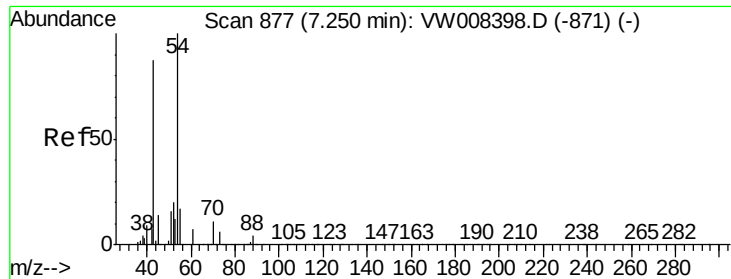
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#36
 1,1-Dichloropropene
 Concen: 17.906 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: VW008458.D
 Acq: 30 Jan 2019 11:51

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.7	17.3	52.0
77	30.7	24.7	37.1





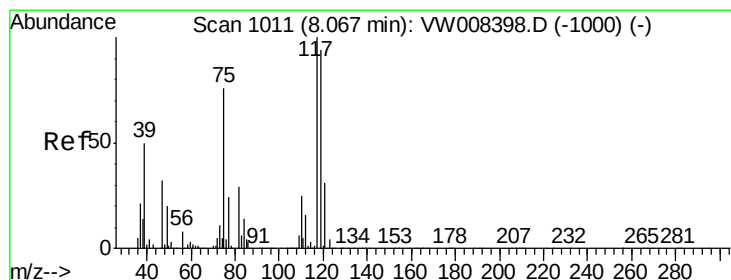
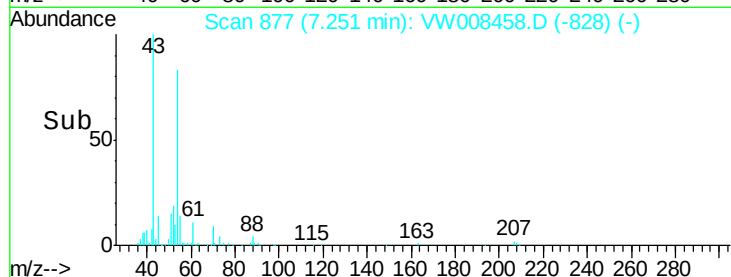
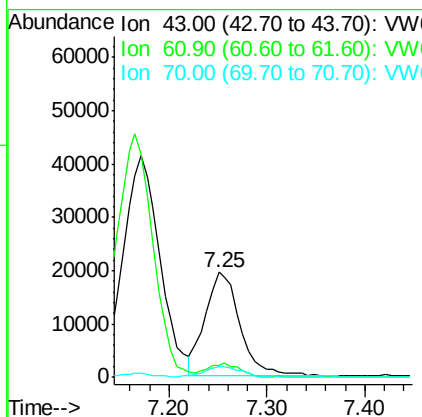
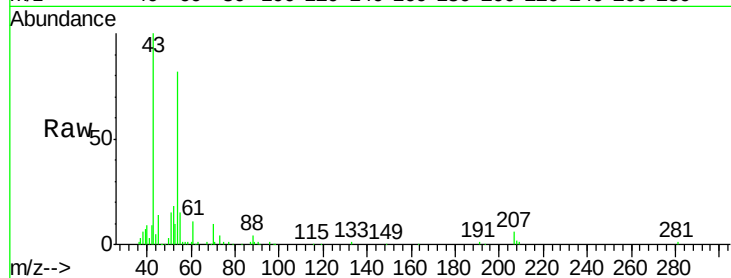
#37
Ethyl Acetate
Concen: 17.560 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW008458.D
Acq: 30 Jan 2019 11:51

Instrument :
MSVOA_W
ClientSampled :
VW0130SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	11.8	10.1	15.1
70	11.0	7.8	11.6

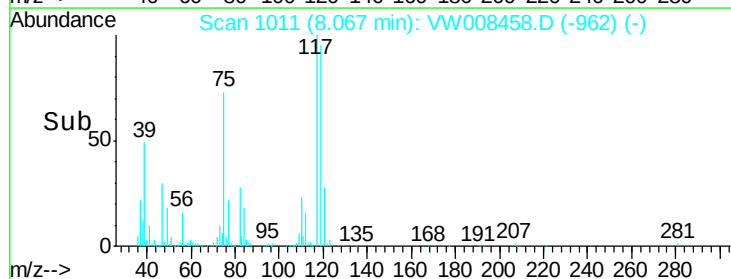
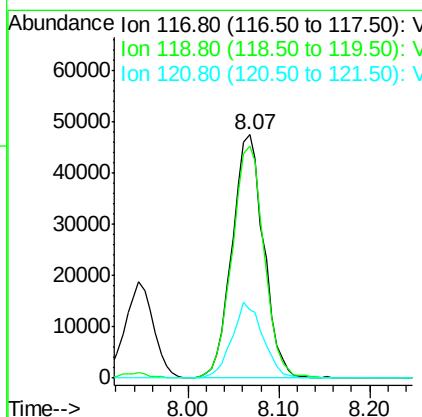
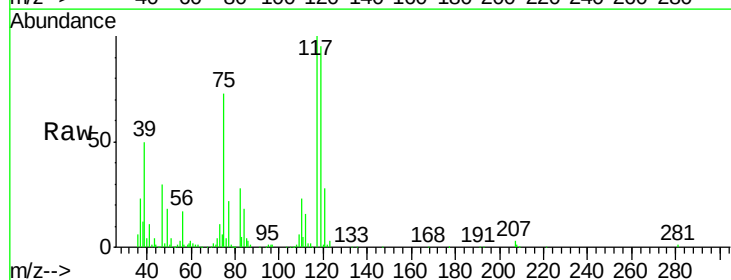
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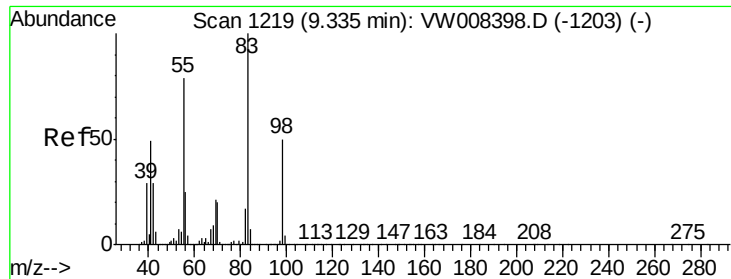
MMDadoda
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#38
Carbon Tetrachloride
Concen: 18.350 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW008458.D
Acq: 30 Jan 2019 11:51

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.9	75.0	112.4
121	28.1	24.9	37.3





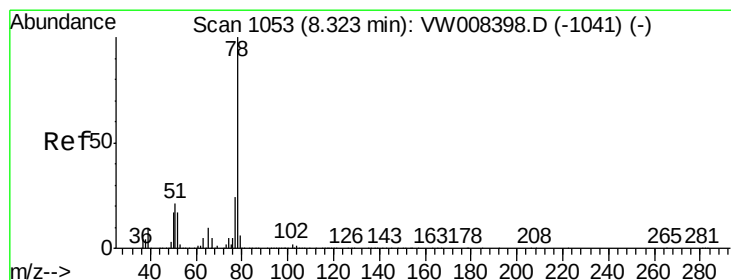
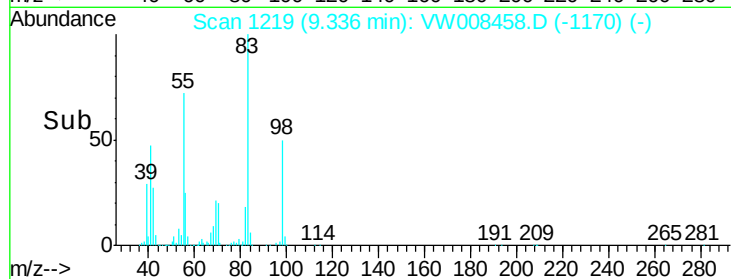
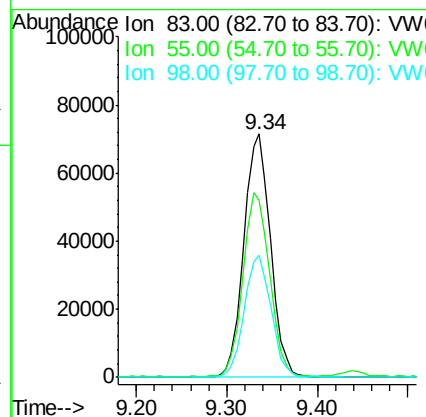
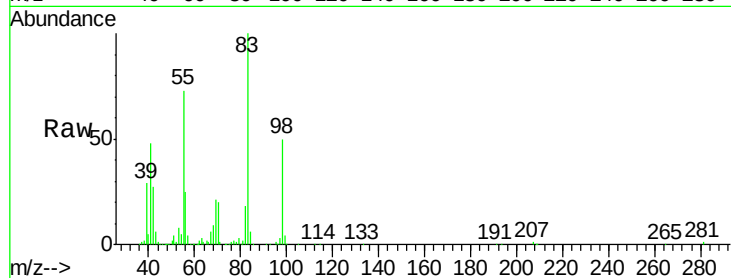
#39
Methylvlcyclohexane
Concen: 17.784 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW008458.D
Acq: 30 Jan 2019 11:51

Instrument :
MSVOA_W
ClientSampleId :
VW0130SBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	72.2	63.3	94.9	
98	50.1	39.7	59.5	

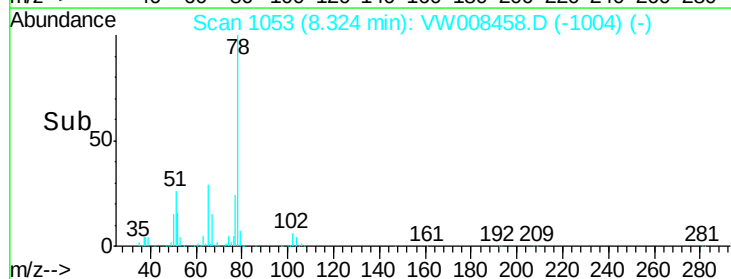
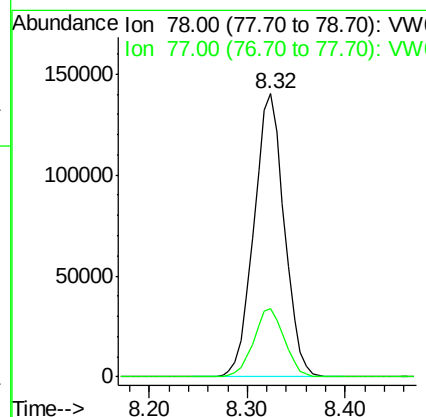
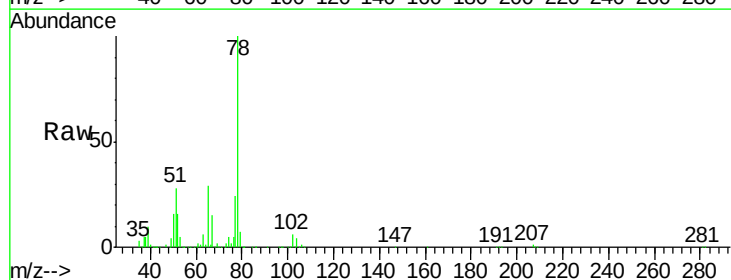
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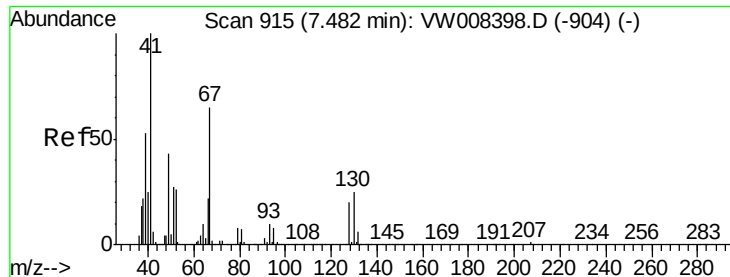
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#40
Benzene
Concen: 17.412 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW008458.D
Acq: 30 Jan 2019 11:51

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	24.0	19.0	28.6	





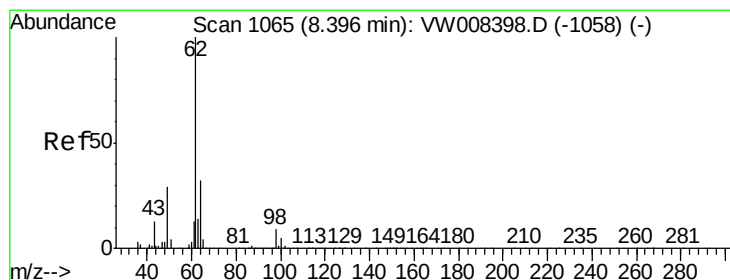
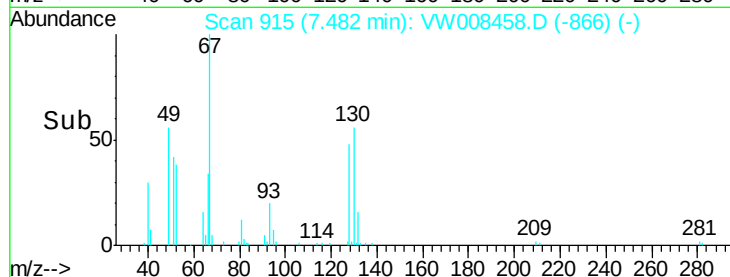
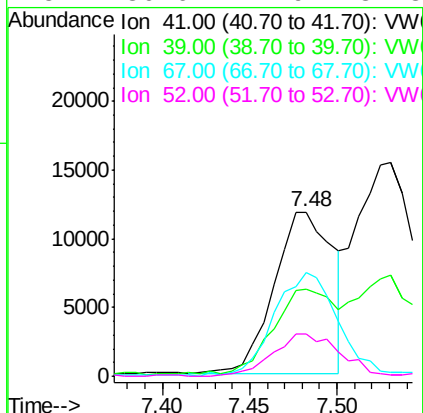
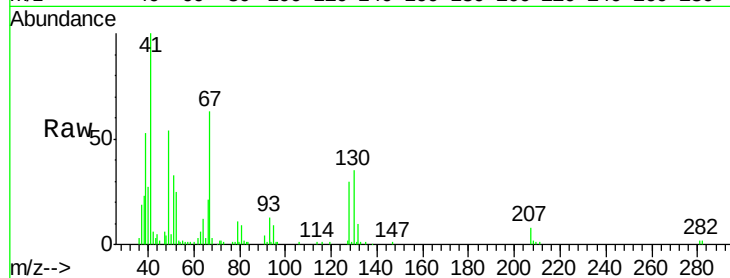
#41
Methacrylonitrile
Concen: 16.714 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW008458.D
Acq: 30 Jan 2019 11:51

Instrument :
MSVOA_W
ClientSampleId :
VW0130SBS01

Tot Ion	Ratio	Lower	Upper
41	100		
39	56.3	43.4	65.0
67	71.4	54.2	81.2
52	30.6	22.9	34.3

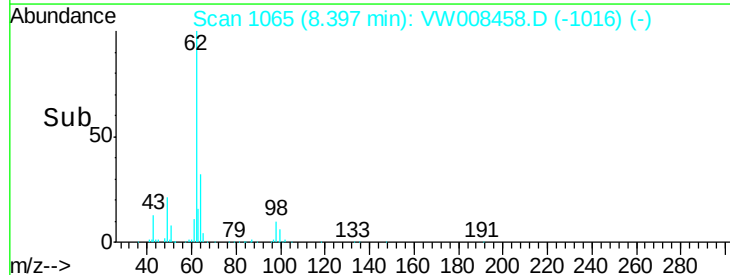
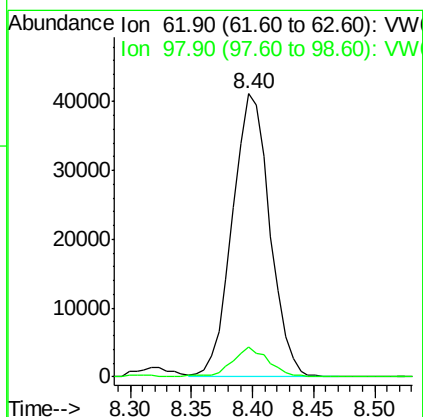
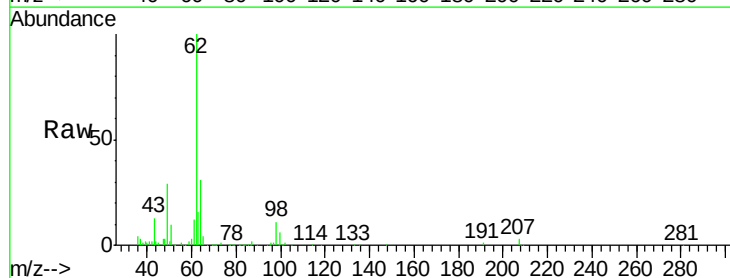
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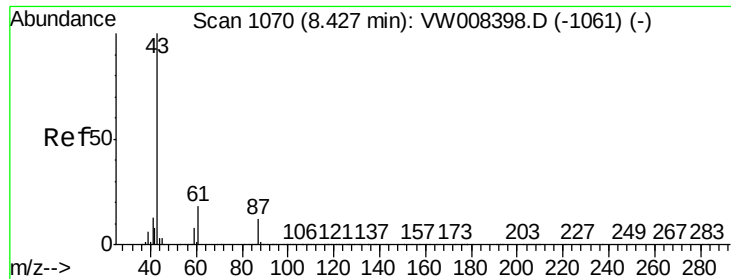
MMDadoda
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#42
1,2-Dichloroethane
Concen: 17.381 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW008458.D
Acq: 30 Jan 2019 11:51

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.4	0.0	18.6





#43

Isopropyl Acetate

Concen: 16.558 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW008458.D

Acq: 30 Jan 2019 11:51

Instrument :

MSVOA_W

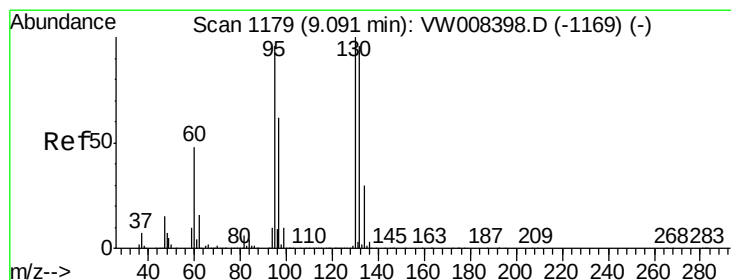
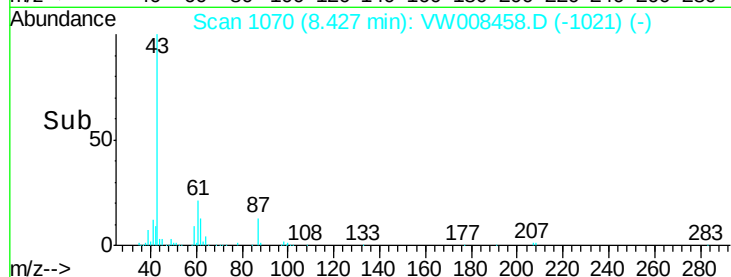
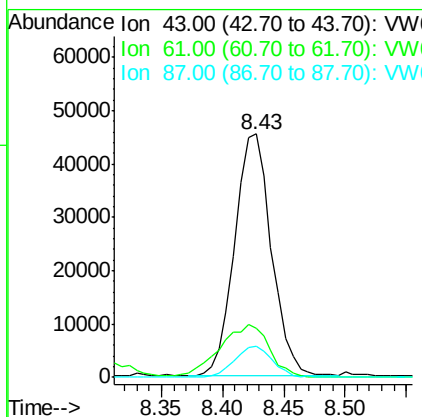
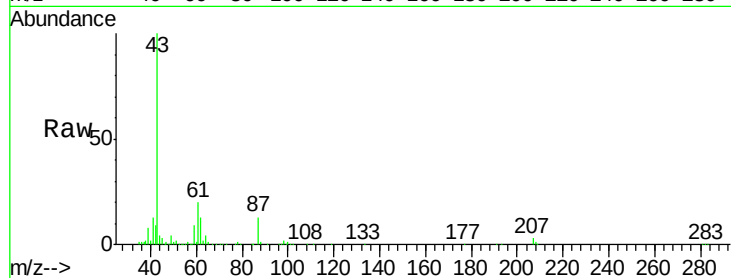
ClientSampleId :

VW0130SBS01

Tot Ion:	43	Resp:	94908
Ion	Ratio	Lower	Upper
43	100		
61	29.3	22.0	33.0
87	13.3	9.3	13.9

Manual Integrations
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2/1/2019 10:47:10 AM



#44

Trichloroethene

Concen: 18.852 ug/l

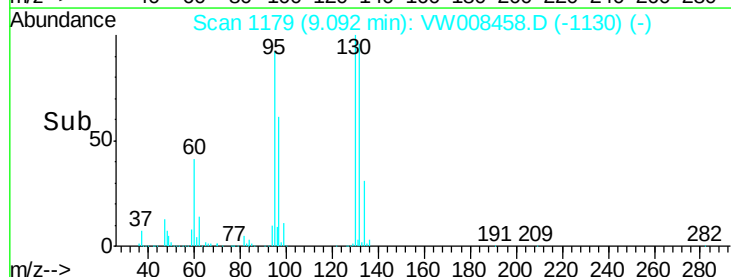
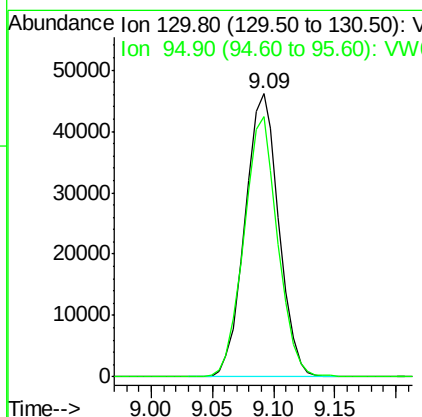
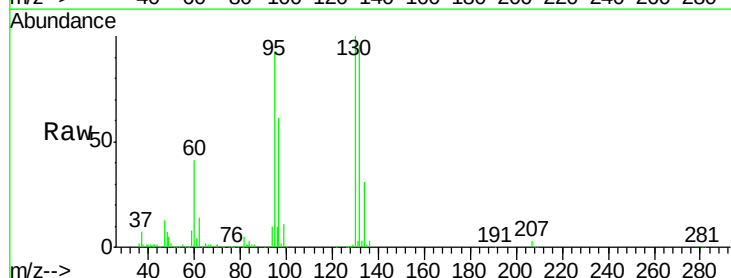
RT: 9.09 min Scan# 1179

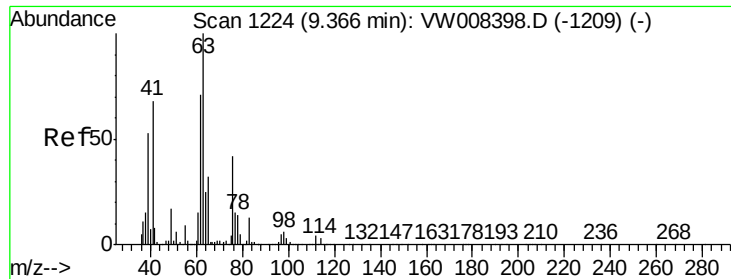
Delta R.T. 0.00 min

Lab File: VW008458.D

Acq: 30 Jan 2019 11:51

Tgt Ion:	130	Resp:	88711
Ion	Ratio	Lower	Upper
130	100		
95	91.9	0.0	191.6





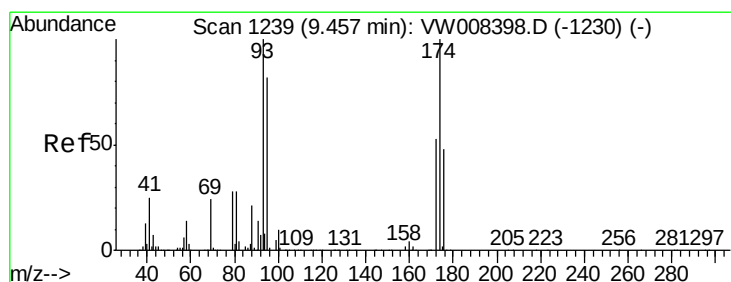
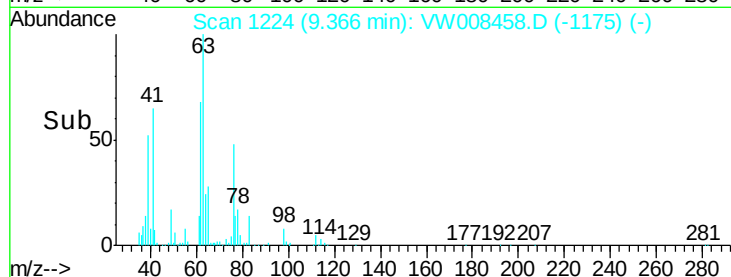
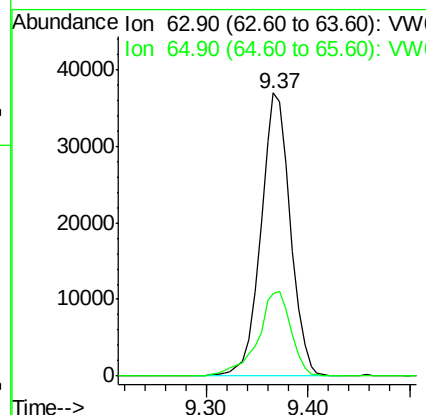
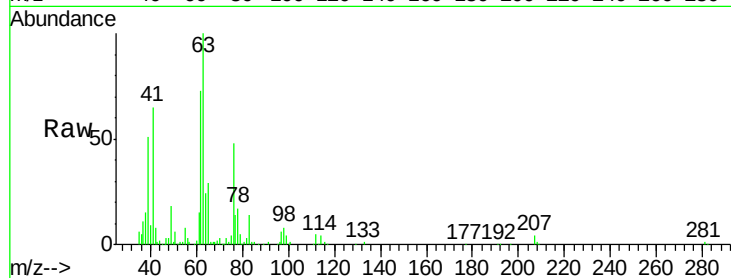
#45
 1,2-Dichloropropane
 Concen: 17.154 ug/l
 RT: 9.37 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: VW008458.D
 Acq: 30 Jan 2019 11:51

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0130SBS01

Tot Ion: 63 Resp: 74012
 Ion Ratio Lower Upper
 63 100
 65 29.0 25.2 37.8

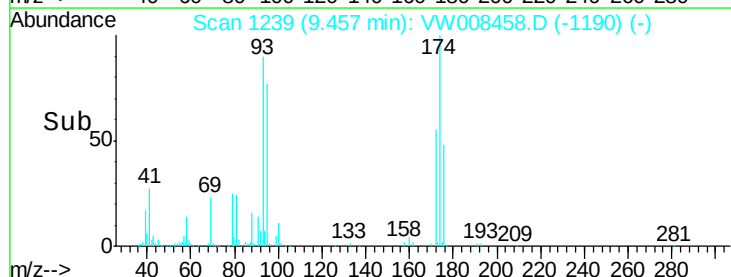
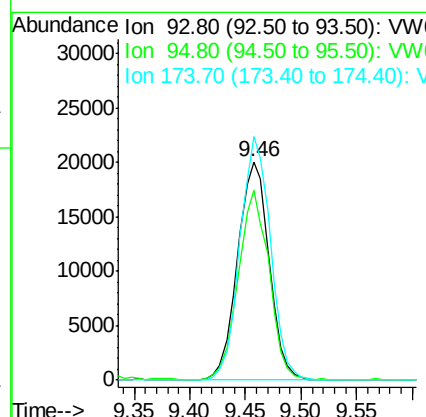
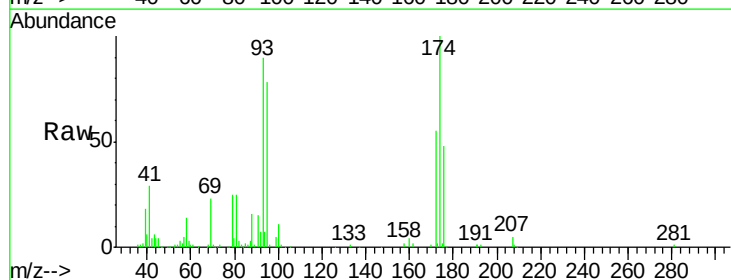
Manual Integrations
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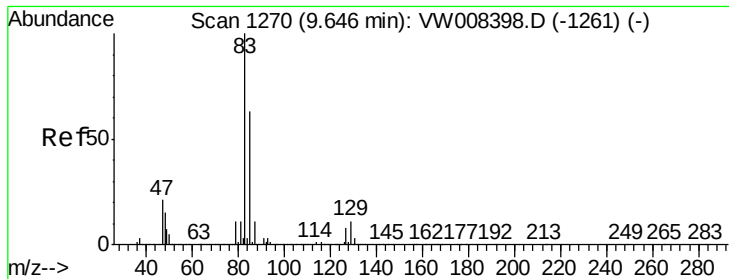
MMDadoda
 2/1/2019 10:47:10 AM



#46
 Dibromomethane
 Concen: 17.713 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW008458.D
 Acq: 30 Jan 2019 11:51

Tgt Ion: 93 Resp: 39307
 Ion Ratio Lower Upper
 93 100
 95 85.4 65.9 98.9
 174 108.2 81.0 121.6





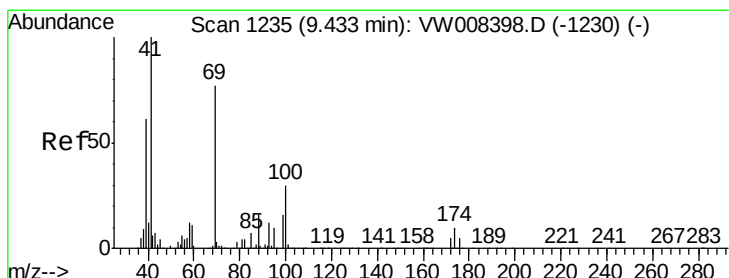
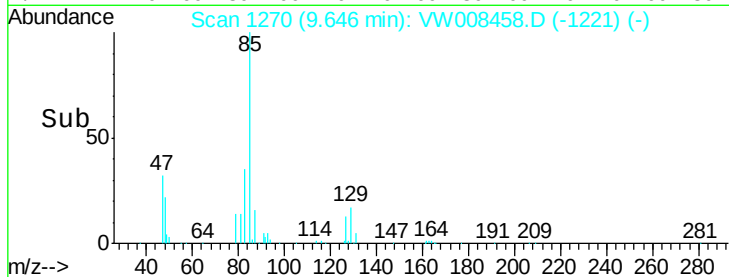
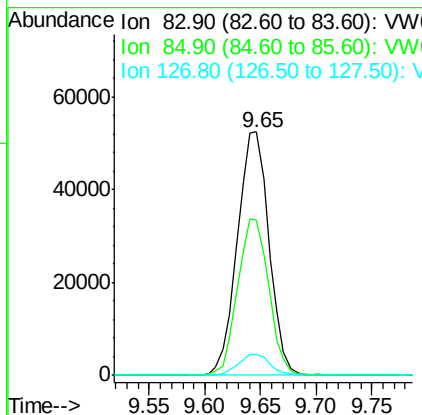
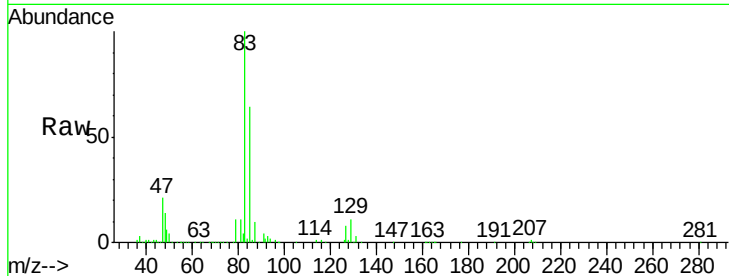
#47
Bromodichloromethane
Concen: 17.640 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.00 min
Lab File: VW008458.D
Acq: 30 Jan 2019 11:51

Instrument :
MSVOA_W
ClientSampled :
VW0130SBS01

Tot Ion	Ratio	Resp	Lower	Upper
83	100	103541		
85	63.6		50.8	76.2
127	8.3		6.8	10.2

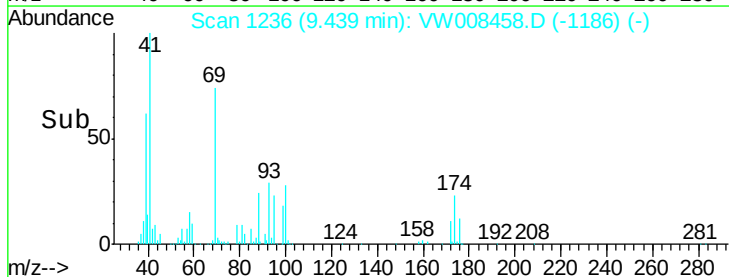
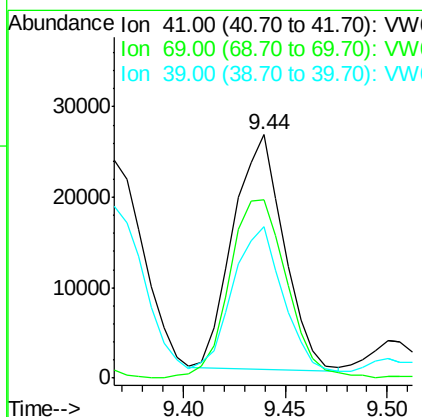
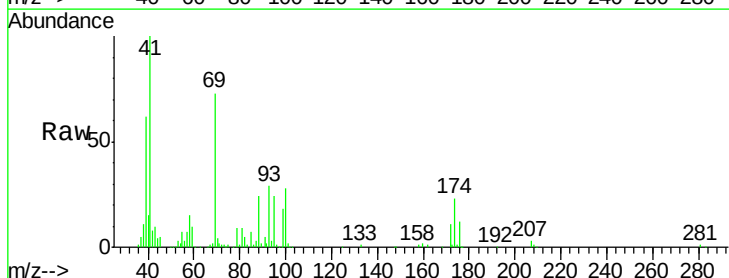
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APPROVED

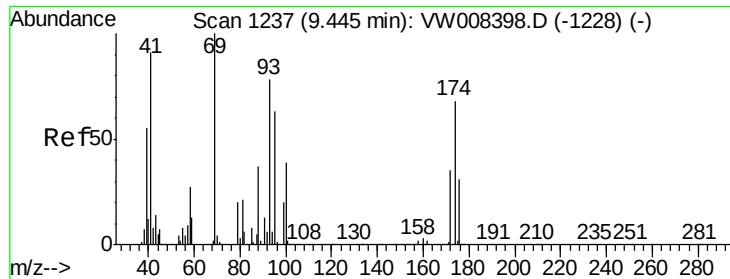
MMDadoda
2/1/2019 10:47:10 AM



#48
Methyl methacrylate
Concen: 15.970 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. 0.01 min
Lab File: VW008458.D
Acq: 30 Jan 2019 11:51

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	44759		
69	85.3		64.8	97.2
39	61.3		49.1	73.7





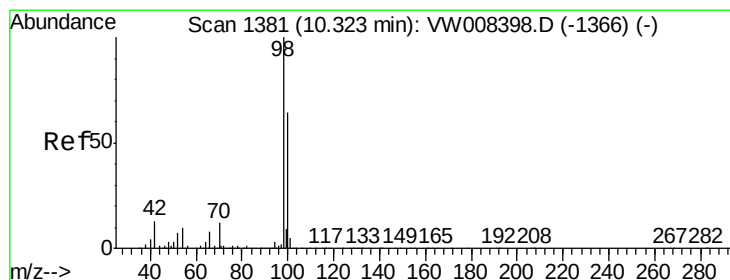
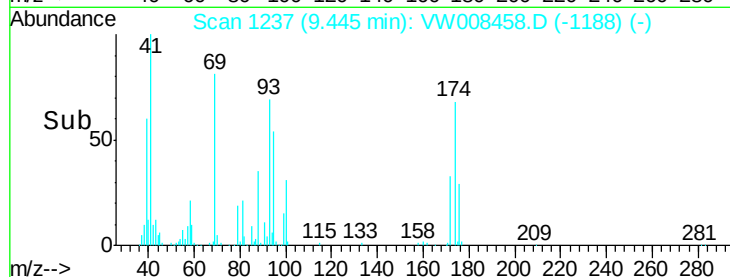
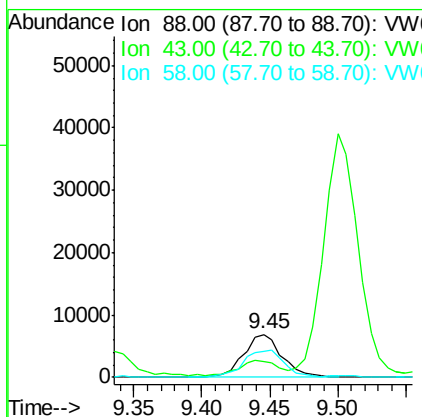
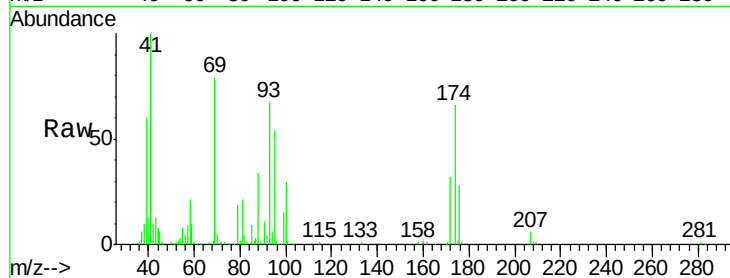
#49
1,4-Dioxane
Concen: 363.182 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VW008458.D
Acq: 30 Jan 2019 11:51

Instrument :
MSVOA_W
ClientSampleId :
VW0130SBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	33.8	29.0	43.4
58	68.6	56.4	84.6

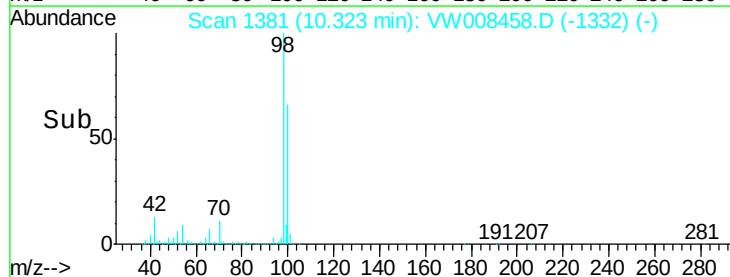
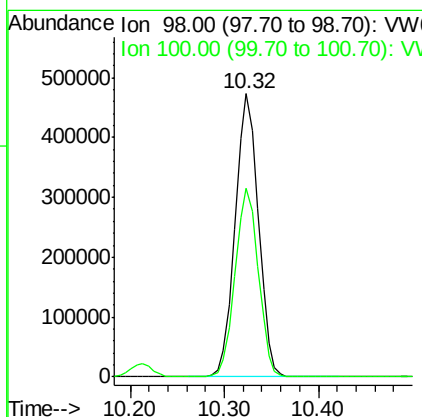
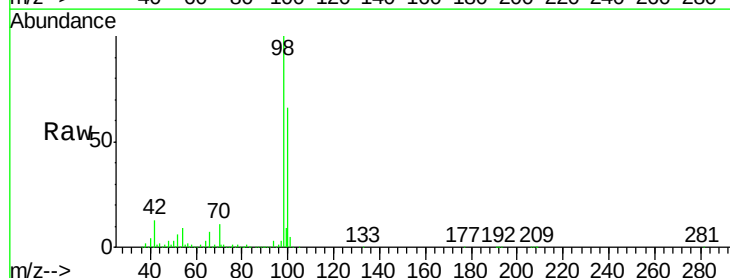
Manual Integrations
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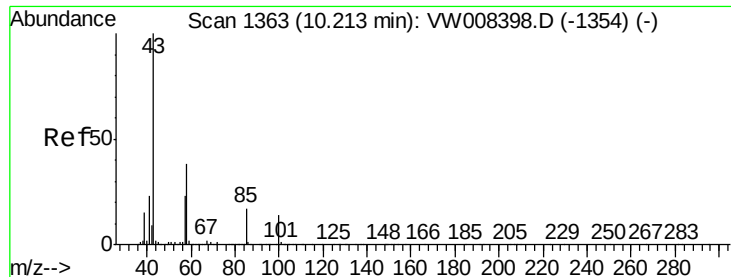
MMDadoda
2/1/2019 10:47:10 AM



#50
Toluene-d8
Concen: 52.393 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW008458.D
Acq: 30 Jan 2019 11:51

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.6	52.6	78.8





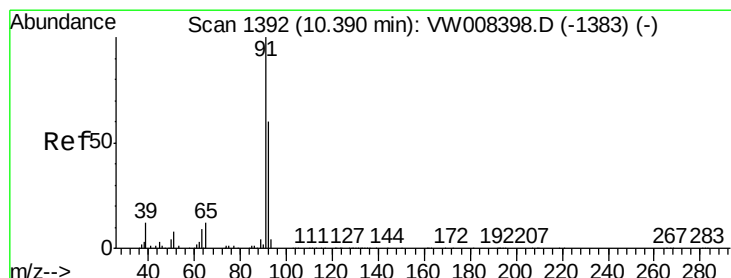
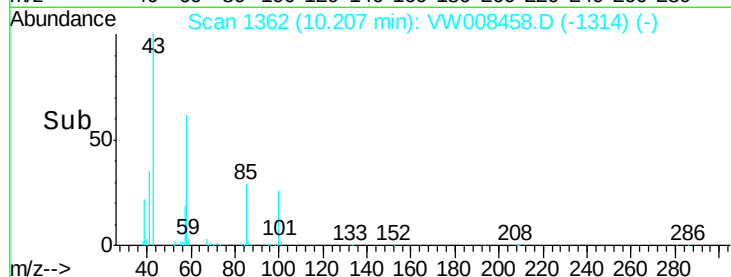
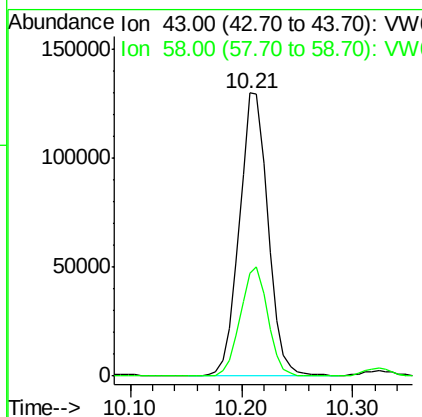
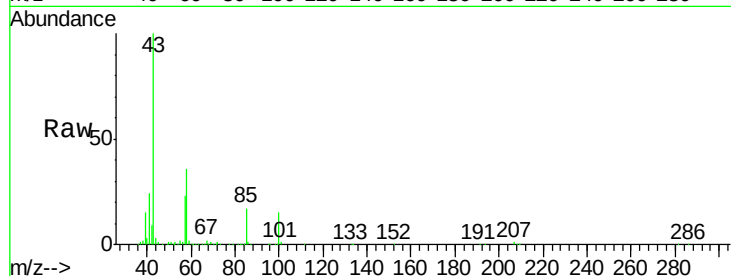
#51
4-Methyl-2-Pentanone
Concen: 81.819 ug/l
RT: 10.21 min Scan# 1362
Delta R.T. -0.01 min
Lab File: VW008458.D
Acq: 30 Jan 2019 11:51

Instrument :
MSVOA_W
ClientSampleId :
VW0130SBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	37.2	29.7	44.5

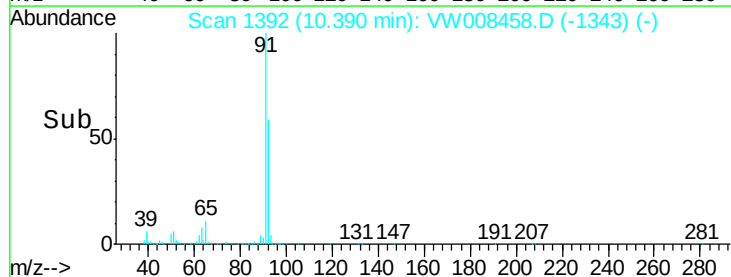
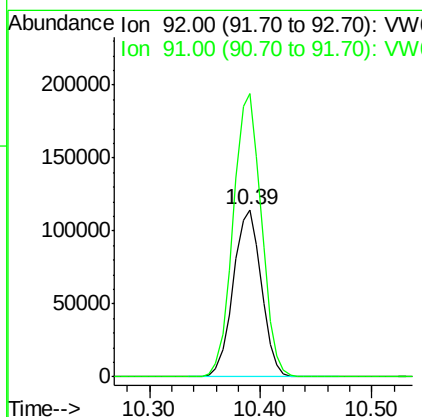
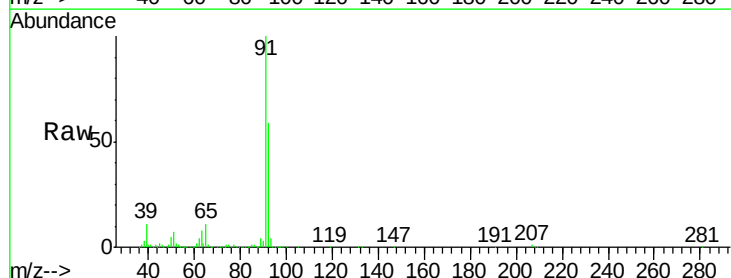
Manual Integrations
APPROVED

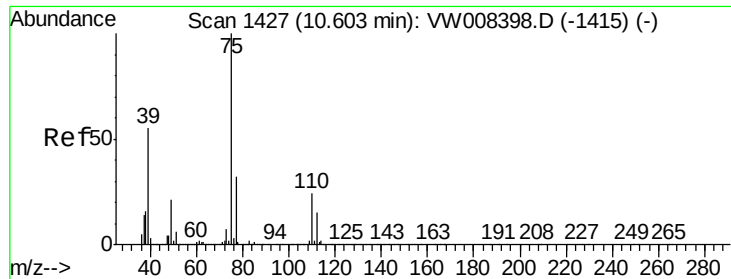
MMDadoda
2/1/2019 10:47:10 AM



#52
Toluene
Concen: 17.503 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW008458.D
Acq: 30 Jan 2019 11:51

Tgt Ion	Ratio	Lower	Upper
92	100		
91	170.0	135.5	203.3





#53

t-1,3-Dichloropropene

Concen: 16.809 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW008458.D

Acq: 30 Jan 2019 11:51

Instrument :

MSVOA_W

ClientSampled :

VW0130SBS01

Tot Ion: 75 Resp: 104985

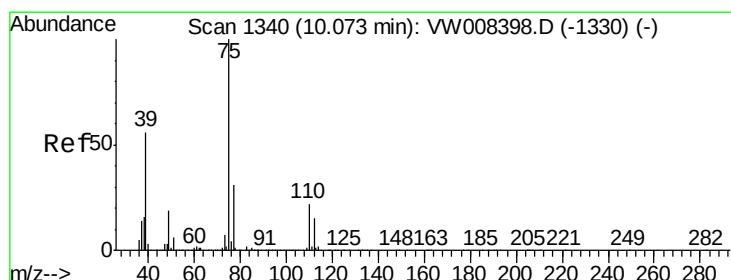
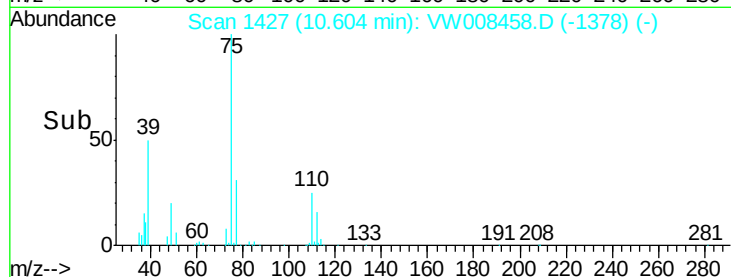
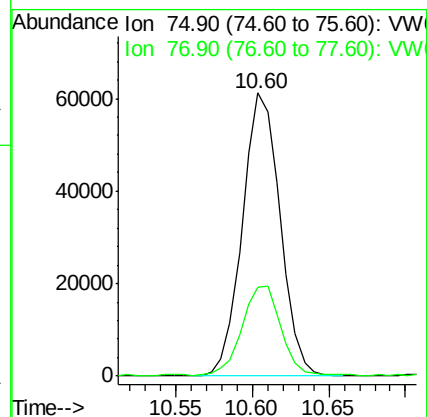
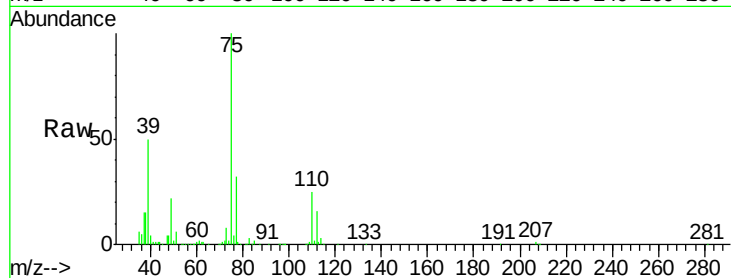
Ion Ratio Lower Upper

75 100

77 31.2 25.3 37.9

Manual Integrations
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MMDadoda
2/1/2019 10:47:10 AM



#54

cis-1,3-Dichloropropene

Concen: 17.129 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW008458.D

Acq: 30 Jan 2019 11:51

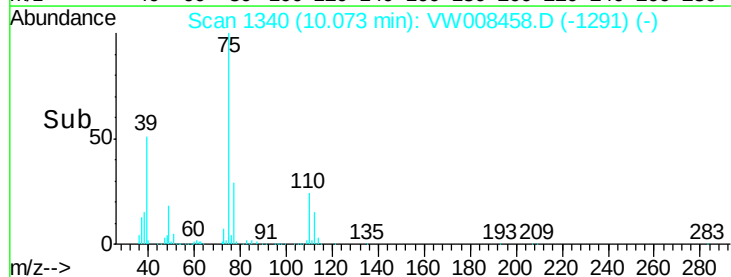
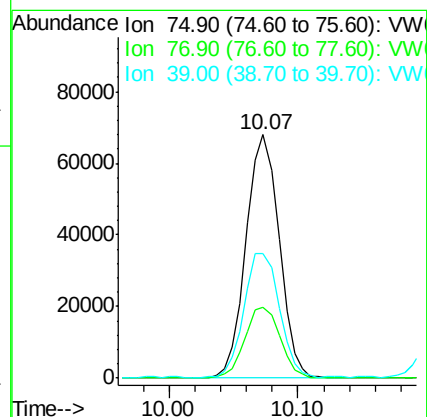
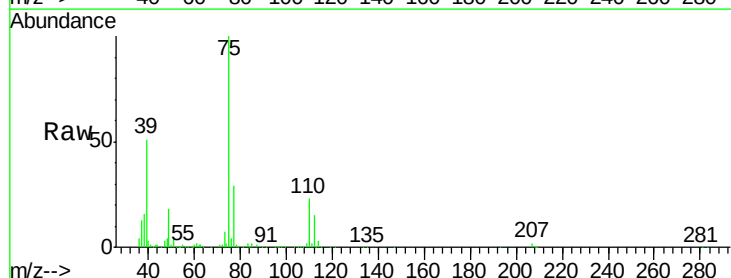
Tgt Ion: 75 Resp: 121407

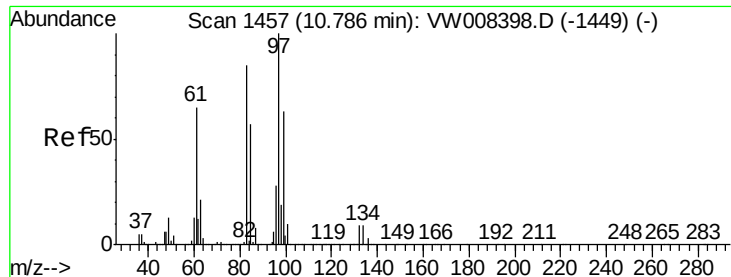
Ion Ratio Lower Upper

75 100

77 28.9 25.0 37.4

39 51.1 44.9 67.3





#55

1,1,2-Trichloroethane

Concen: 17.881 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. 0.00 min

Lab File: VW008458.D

Acq: 30 Jan 2019 11:51

Instrument :

MSVOA_W

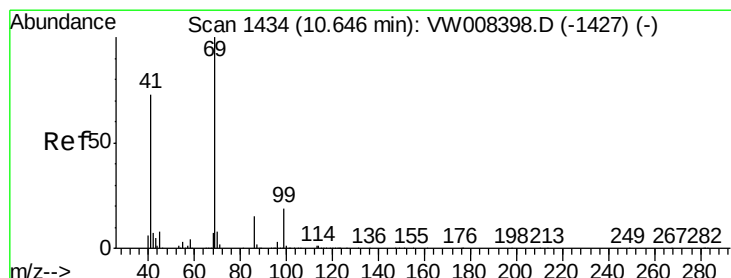
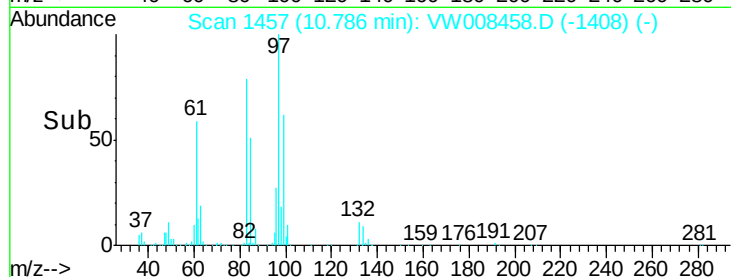
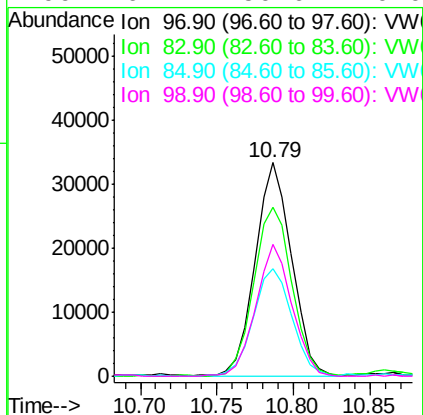
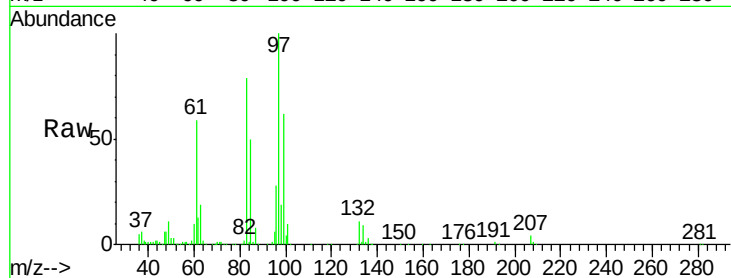
ClientSampleId :

VW0130SBS01

Tot Ion:	97	Resp:	55039
Ion	Ratio	Lower	Upper
97	100		
83	78.8	68.4	102.6
85	50.5	45.3	67.9
99	61.7	50.6	76.0

Manual Integrations
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#56

Ethyl methacrylate

Concen: 16.291 ug/l

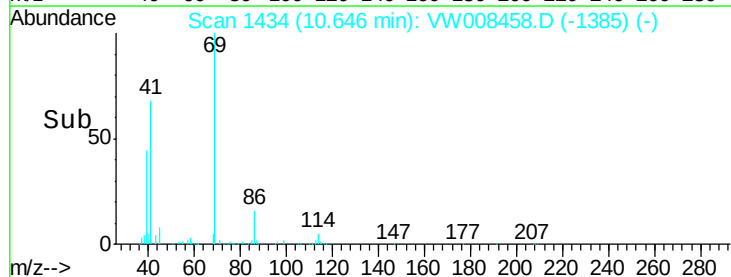
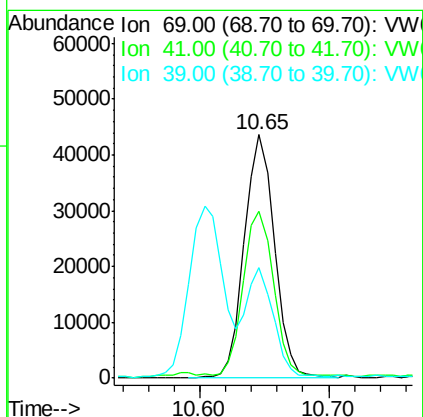
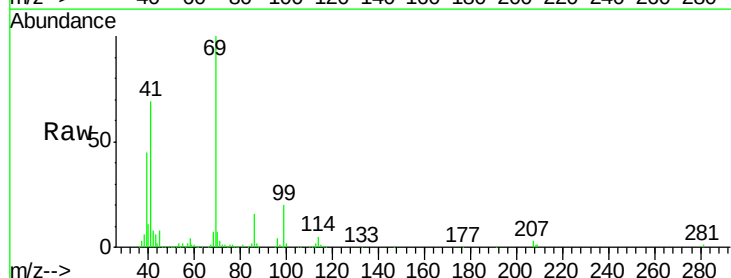
RT: 10.65 min Scan# 1434

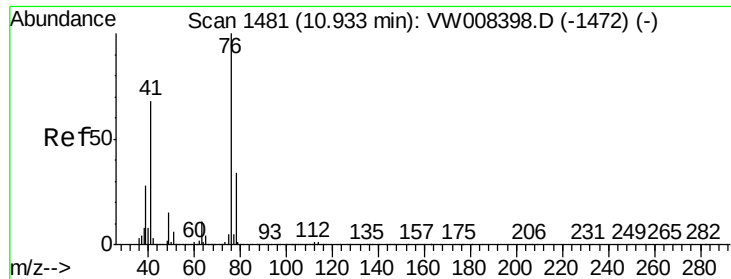
Delta R.T. 0.00 min

Lab File: VW008458.D

Acq: 30 Jan 2019 11:51

Tgt Ion:	69	Resp:	70265
Ion	Ratio	Lower	Upper
69	100		
41	68.7	58.7	88.1
39	40.2	32.6	48.8





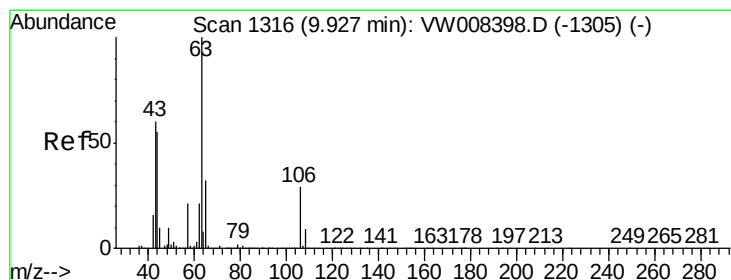
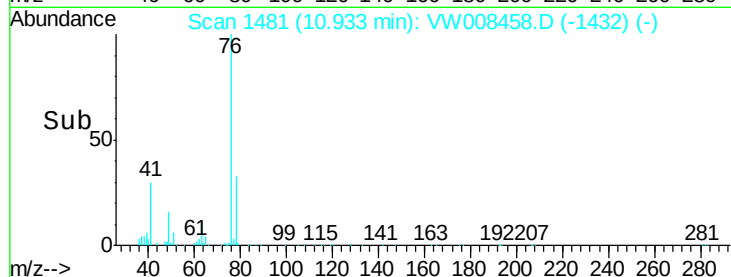
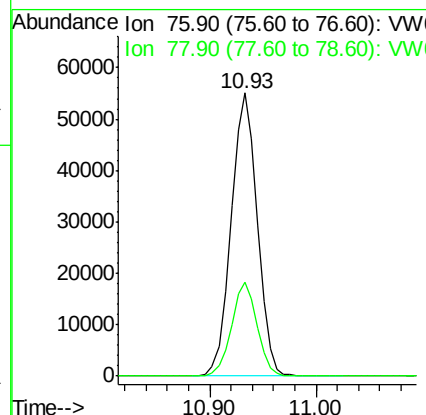
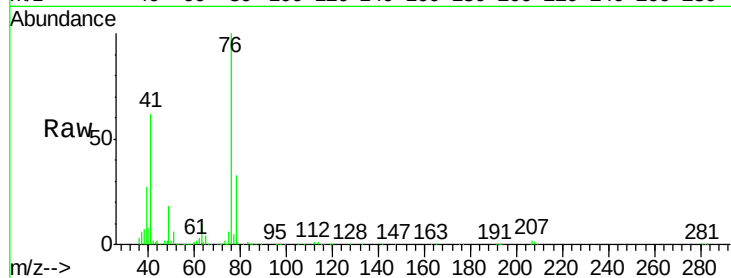
#57
 1,3-Dichloropropane
 Concen: 17.145 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW008458.D
 Acq: 30 Jan 2019 11:51

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0130SBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.2	25.8	38.8

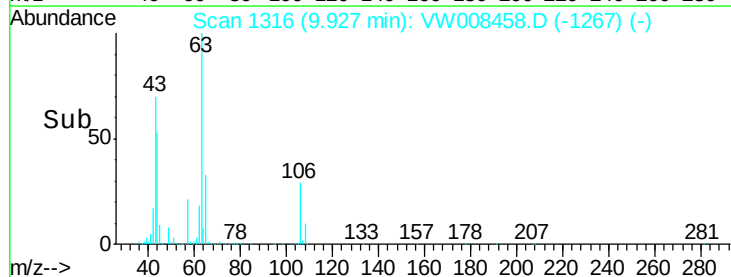
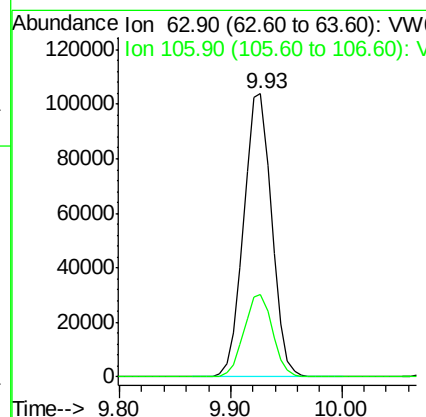
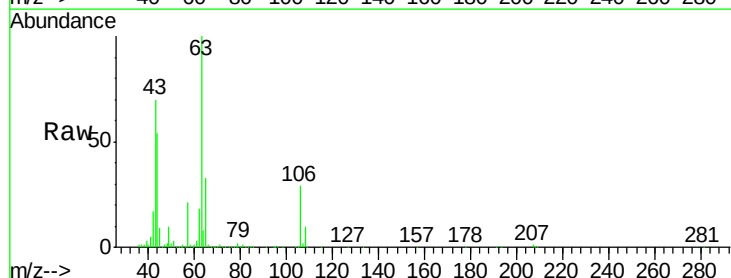
Manual Integrations
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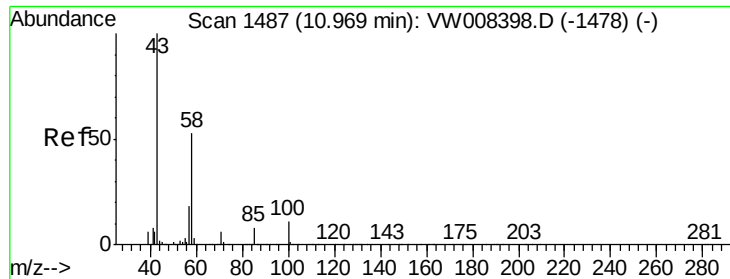
MMDadoda
 2/1/2019 10:47:10 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 86.588 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW008458.D
 Acq: 30 Jan 2019 11:51

Tgt Ion	Ratio	Lower	Upper
63	100		
106	29.7	22.4	33.6





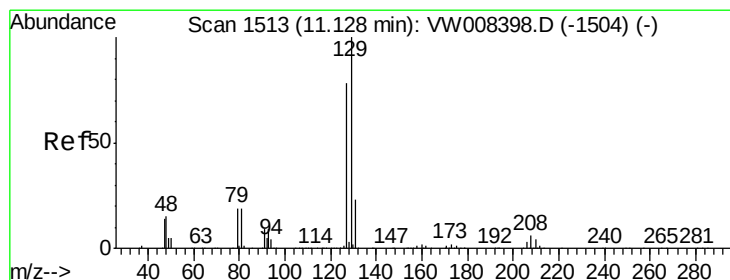
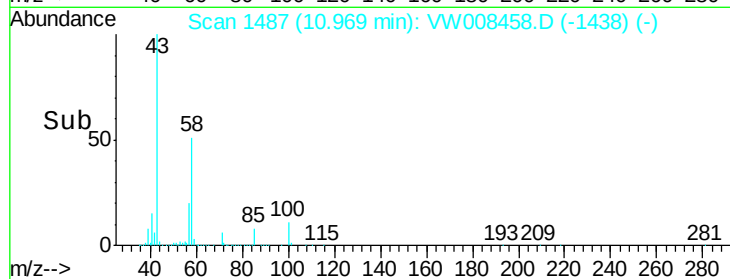
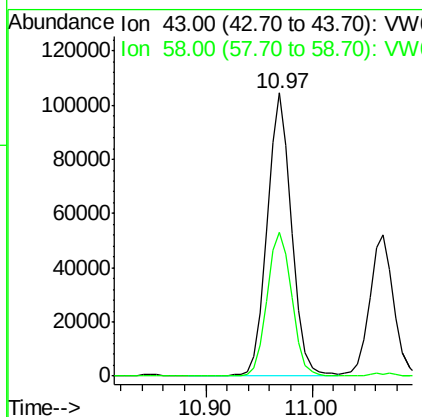
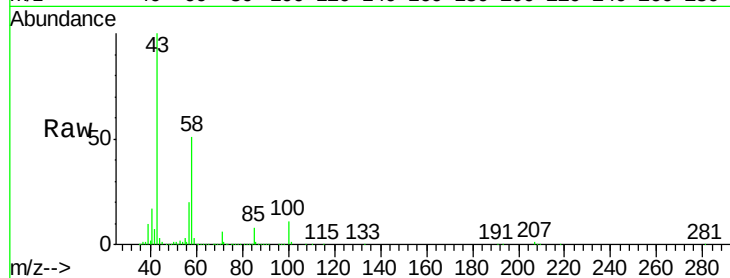
#59
2-Hexanone
Concen: 83.183 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW008458.D
Acq: 30 Jan 2019 11:51

Instrument :
MSVOA_W
ClientSampleId :
VW0130SBS01

Tot Ion: 43 Resp: 166288
Ion Ratio Lower Upper
43 100
58 52.1 25.9 77.7

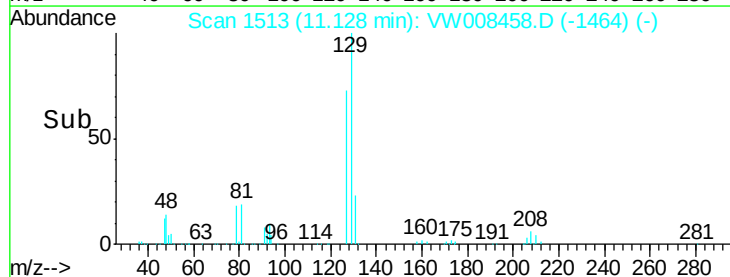
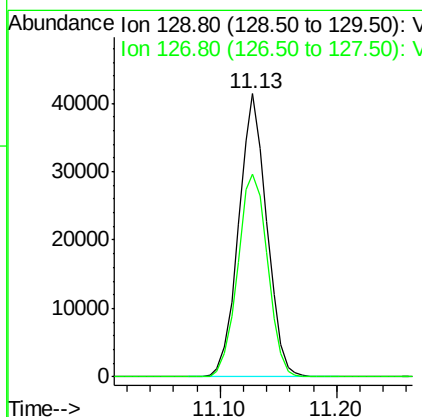
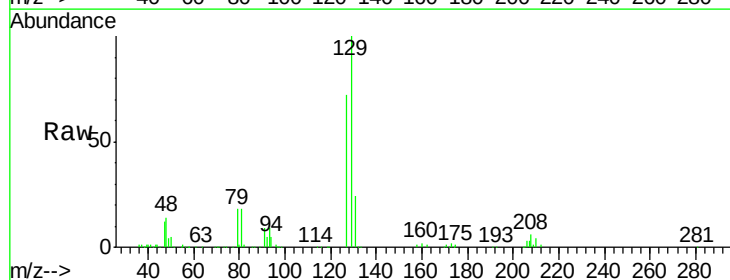
Manual Integrations
APPROVED

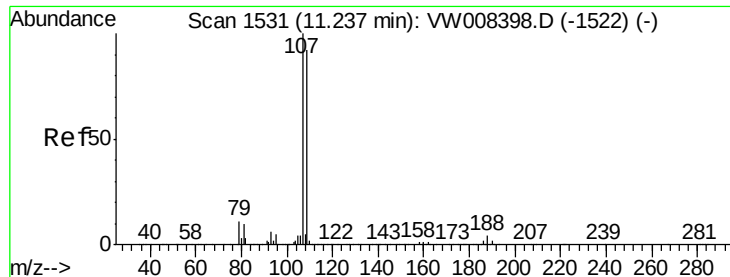
MMDadoda
2/1/2019 10:47:10 AM



#60
Dibromochloromethane
Concen: 17.583 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW008458.D
Acq: 30 Jan 2019 11:51

Tgt Ion: 129 Resp: 69551
Ion Ratio Lower Upper
129 100
127 76.2 39.1 117.2





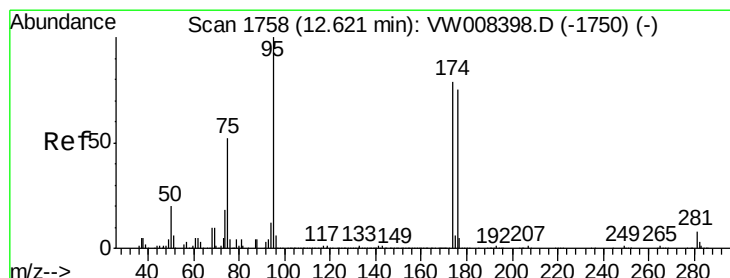
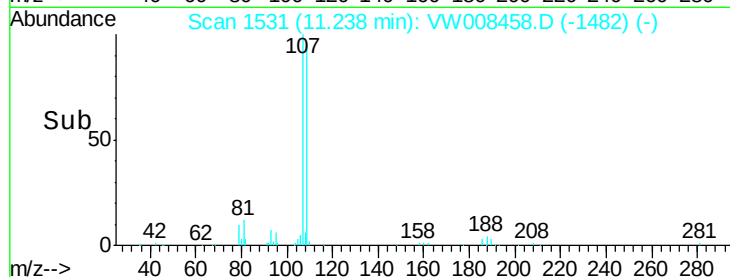
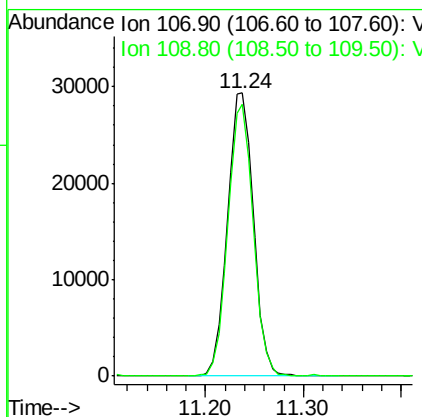
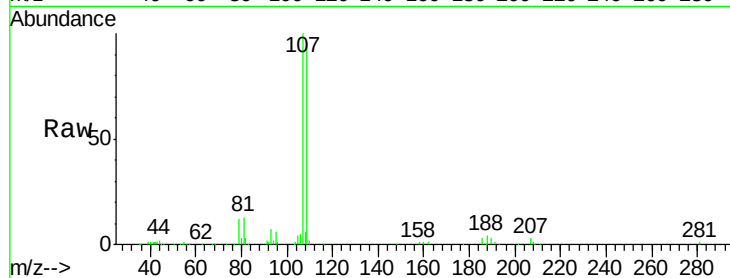
#61
 1,2-Dibromoethane
 Concen: 17.682 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW008458.D
 Acq: 30 Jan 2019 11:51

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0130SBSD01

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.5	75.0	112.4

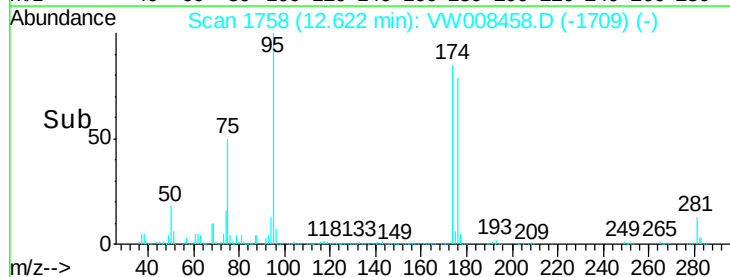
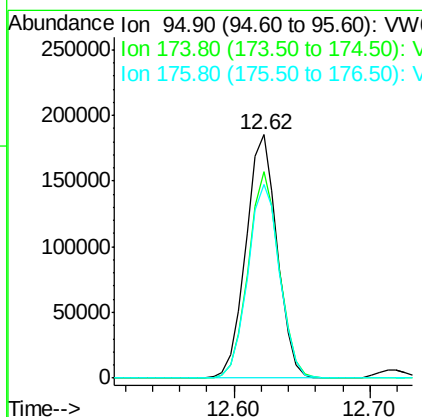
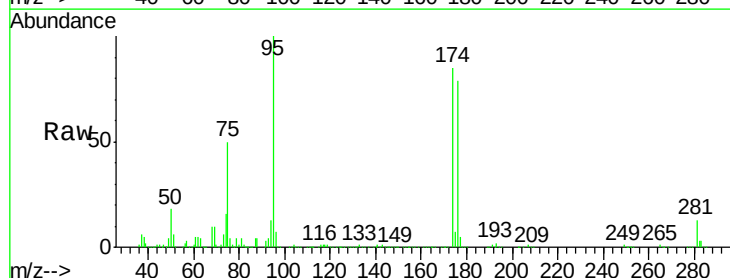
Manual Integrations
 APPROVED

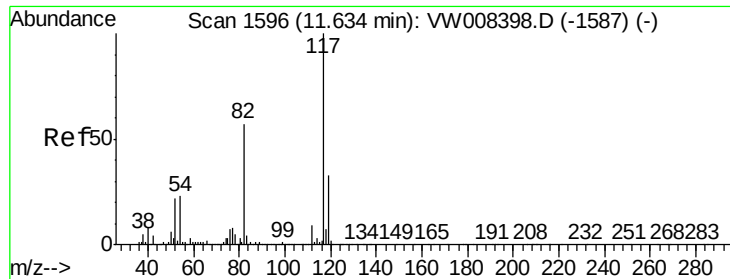
MMDadoda
 2/1/2019 10:47:10 AM



#62
 4-Bromofluorobenzene
 Concen: 49.988 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. 0.00 min
 Lab File: VW008458.D
 Acq: 30 Jan 2019 11:51

Tgt Ion	Ratio	Lower	Upper
95	100		
174	83.7	0.0	157.6
176	81.4	0.0	151.8





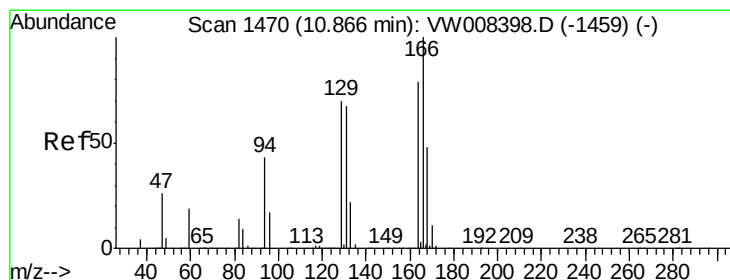
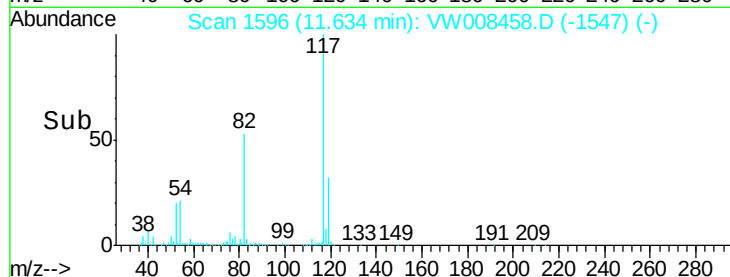
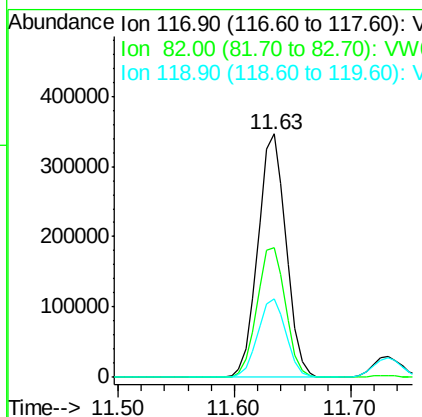
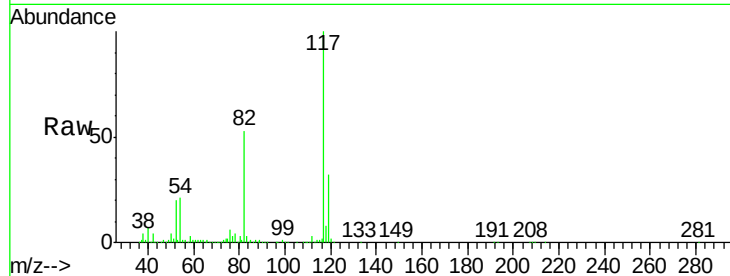
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008458.D
Acq: 30 Jan 2019 11:51

Instrument :
MSVOA_W
ClientSampleId :
VW0130SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
117	100	584654		
82	53.4		45.4	68.0
119	32.5		26.2	39.4

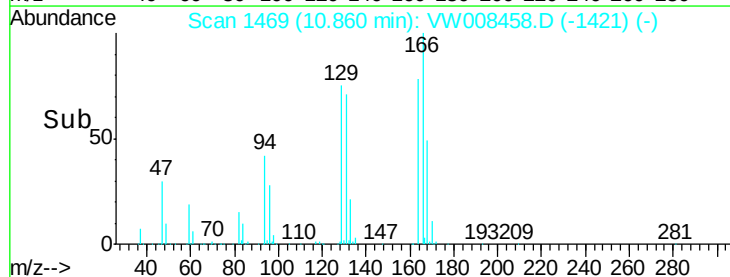
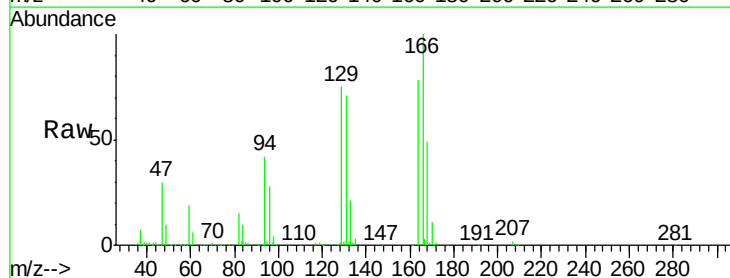
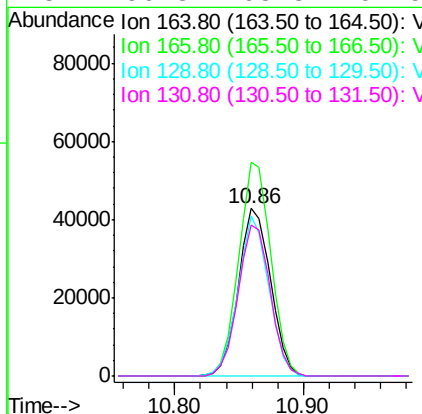
Manual Integrations
APPROVED

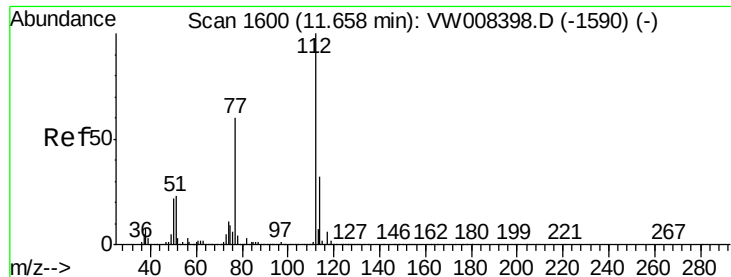
MMDadoda
2/1/2019 10:47:10 AM



#64
Tetrachloroethene
Concen: 18.794 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VW008458.D
Acq: 30 Jan 2019 11:51

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	74394		
166	127.5		101.4	152.0
129	95.2		71.0	106.6
131	90.3		68.3	102.5





#65

Chlorobenzene

Concen: 18.295 ug/l

RT: 11.66 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VW008458.D

Acq: 30 Jan 2019 11:51

Instrument :

MSVOA_W

ClientSampleId :

VW0130SBS01

Tot Ion:112 Resp: 218343

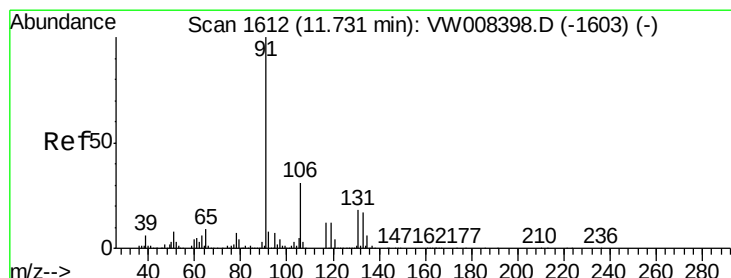
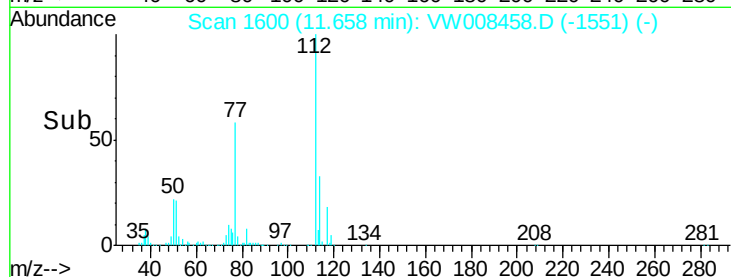
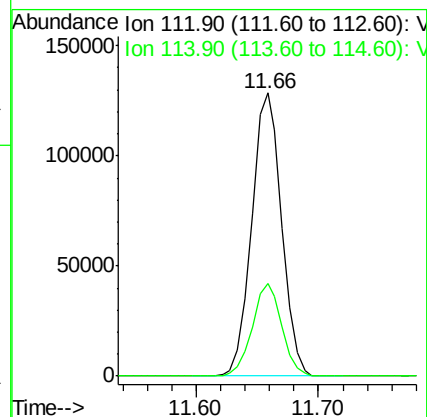
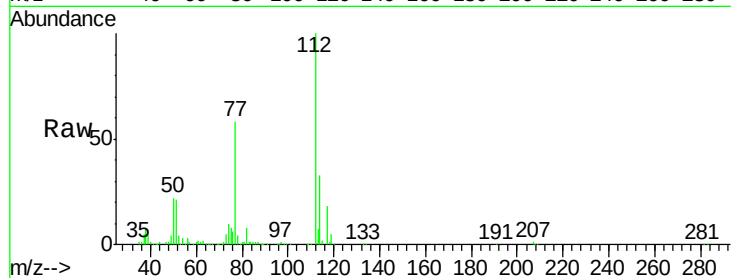
Ion Ratio Lower Upper

112 100

114 32.7 25.4 38.2

Manual Integrations
APPROVED

MMDadoda
2/1/2019 10:47:10 AM



#66

1,1,1,2-Tetrachloroethane

Concen: 18.287 ug/l

RT: 11.73 min Scan# 1612

Delta R.T. 0.00 min

Lab File: VW008458.D

Acq: 30 Jan 2019 11:51

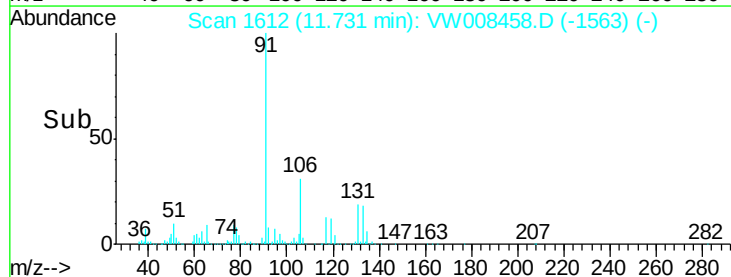
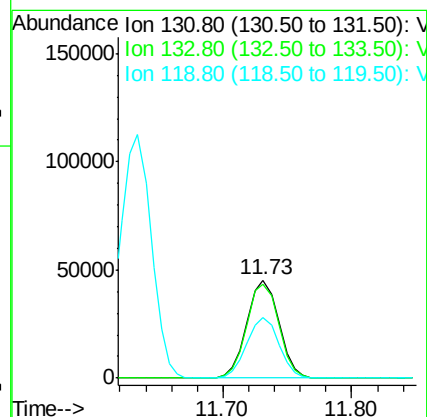
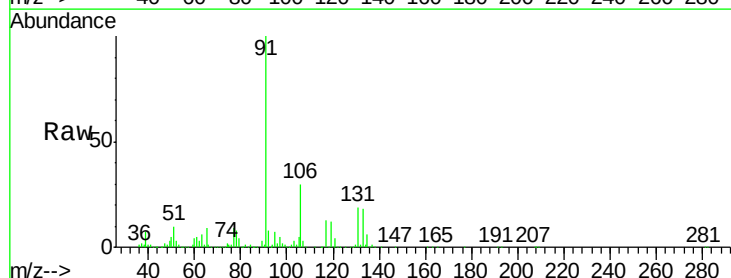
Tgt Ion:131 Resp: 78086

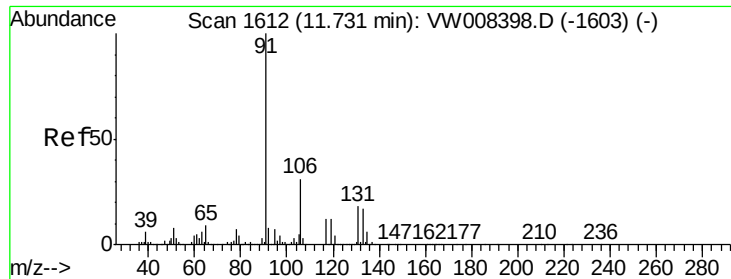
Ion Ratio Lower Upper

131 100

133 95.8 47.0 141.2

119 61.9 32.1 96.3





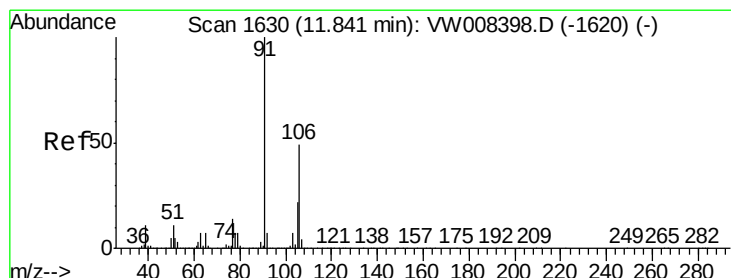
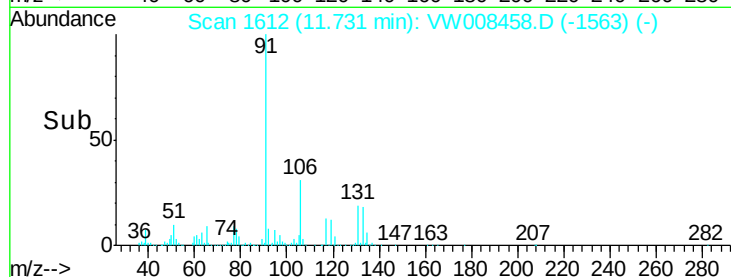
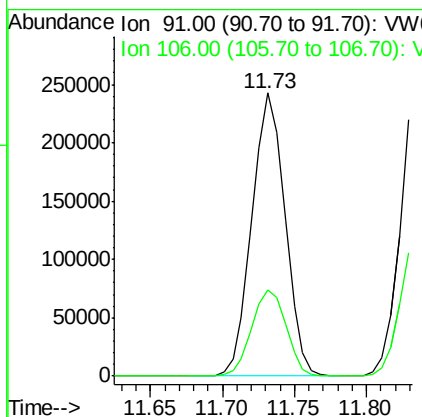
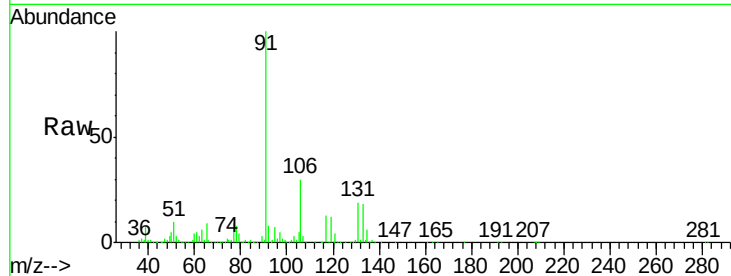
#67
Ethyl Benzene
Concen: 17.639 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW008458.D
Acq: 30 Jan 2019 11:51

Instrument :
MSVOA_W
ClientSampled :
VW0130SBS01

Tot Ion: 91 Resp: 386964
Ion Ratio Lower Upper
91 100
106 30.5 24.7 37.1

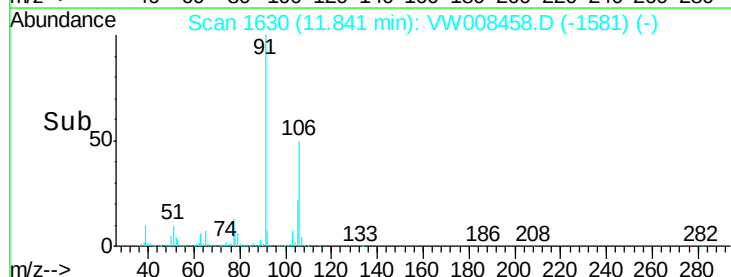
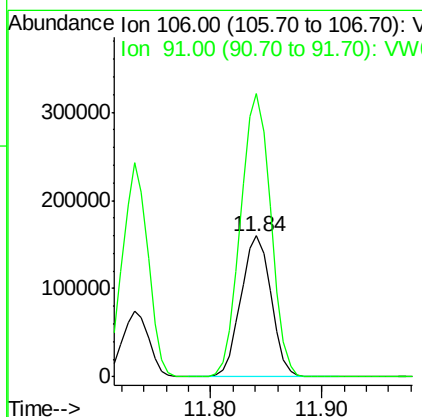
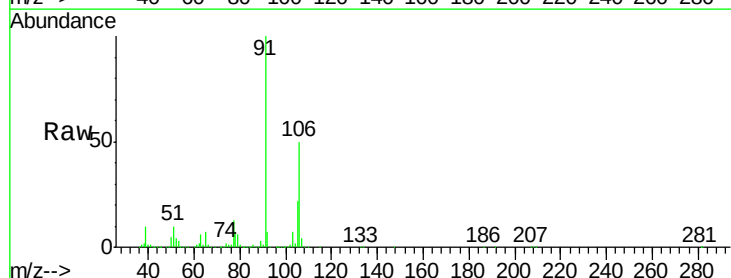
Manual Integrations
APPROVED

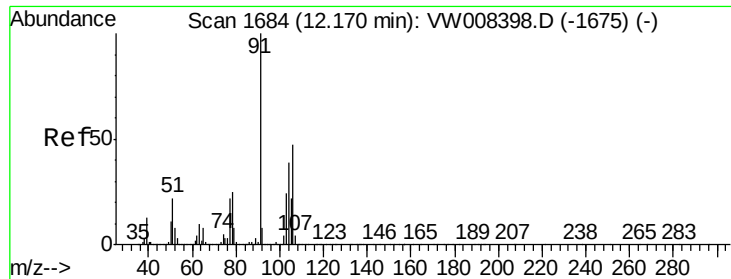
MMDadoda
2/1/2019 10:47:10 AM



#68
m/p-Xylenes
Concen: 35.407 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW008458.D
Acq: 30 Jan 2019 11:51

Tgt Ion: 106 Resp: 301381
Ion Ratio Lower Upper
106 100
91 200.1 162.9 244.3





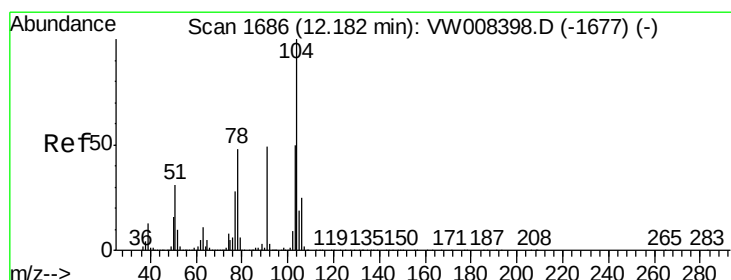
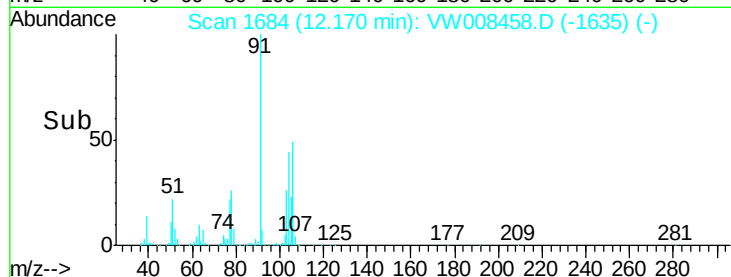
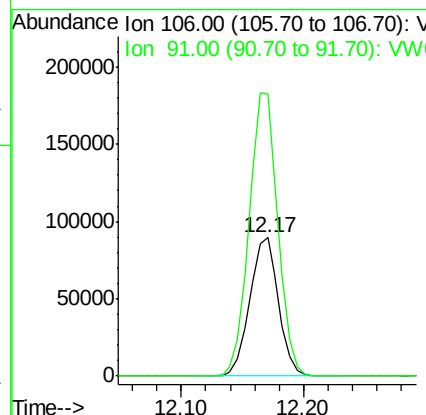
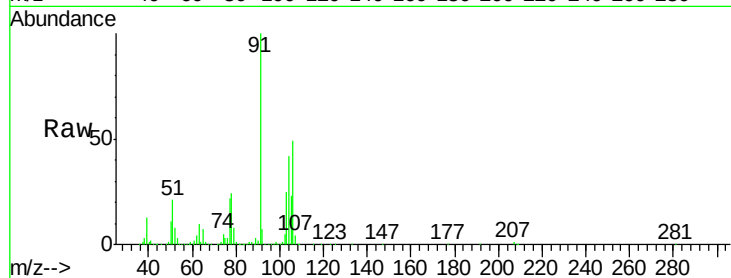
#69
o-Xylene
Concen: 17.985 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW008458.D
Acq: 30 Jan 2019 11:51

Instrument :
MSVOA_W
ClientSampled :
VW0130SBS01

Tot Ion	Ratio	Lower	Upper
106	100		
91	206.2	107.5	322.4

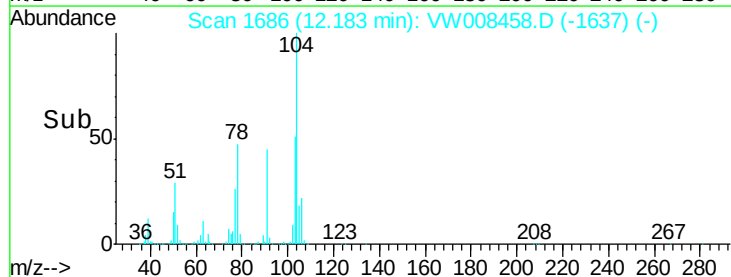
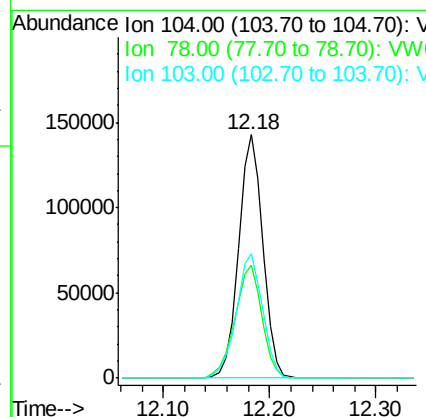
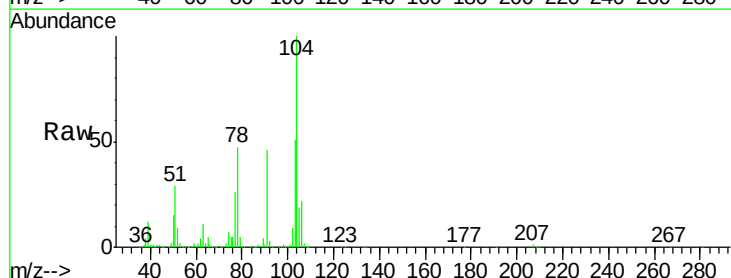
Manual Integrations
APPROVED

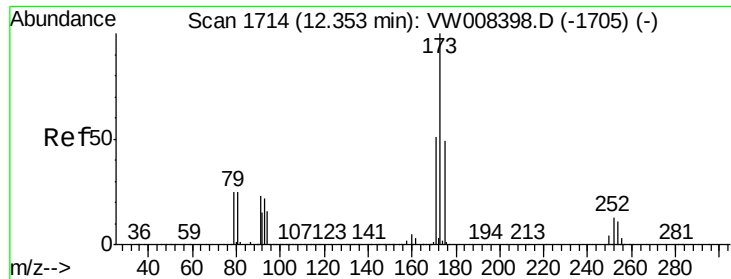
MMDadoda
2/1/2019 10:47:10 AM



#70
Styrene
Concen: 17.018 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW008458.D
Acq: 30 Jan 2019 11:51

Tgt Ion	Ratio	Lower	Upper
104	100		
78	51.7	42.4	63.6
103	55.8	43.4	65.0





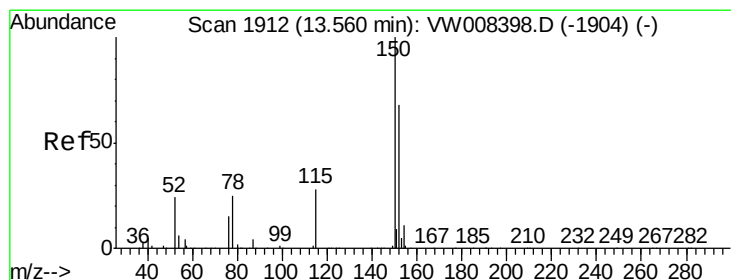
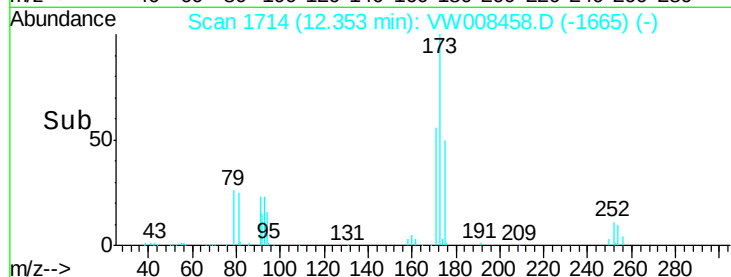
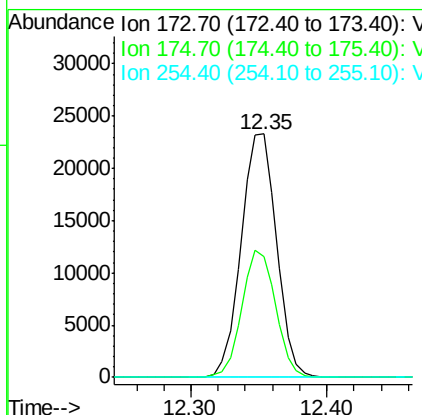
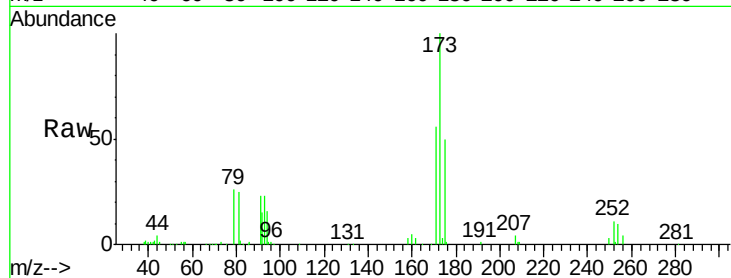
#71
Bromoform
Concen: 17.645 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. 0.00 min
Lab File: VW008458.D
Acq: 30 Jan 2019 11:51

Instrument :
MSVOA_W
ClientSampleId :
VW0130SBSD01

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.8	24.4	73.4
254	0.0	0.2	0.2

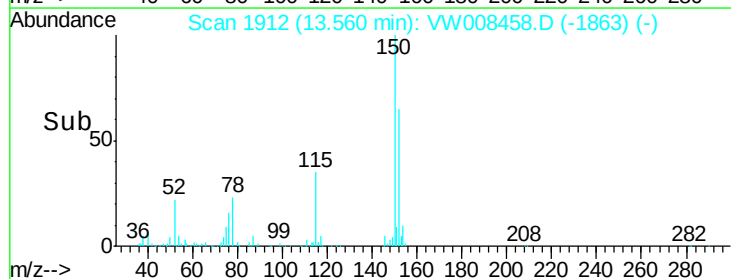
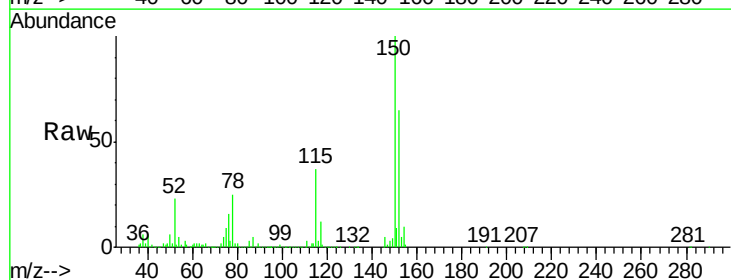
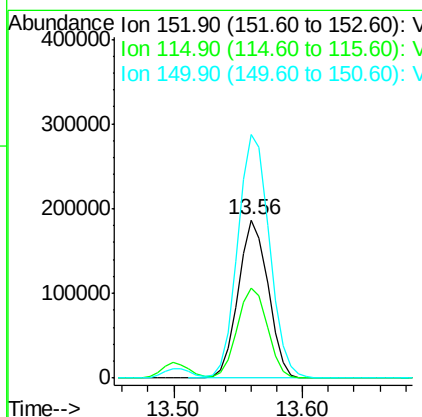
Manual Integrations
APPROVED

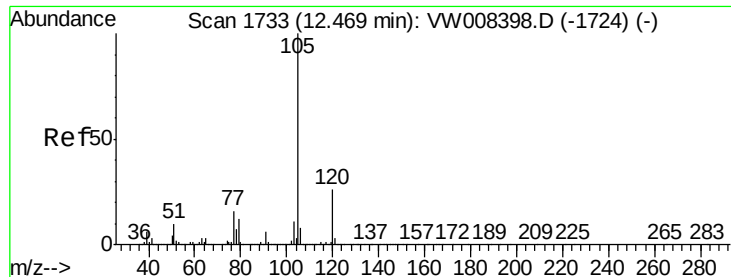
MMDadoda
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW008458.D
Acq: 30 Jan 2019 11:51

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.7	29.9	89.7
150	163.0	0.0	351.4





#73

Isopropylbenzene

Concen: 17.827 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW008458.D

Acq: 30 Jan 2019 11:51

Instrument :

MSVOA_W

ClientSampleId :

VW0130SBS01

Tot Ion: 105 Resp: 398284

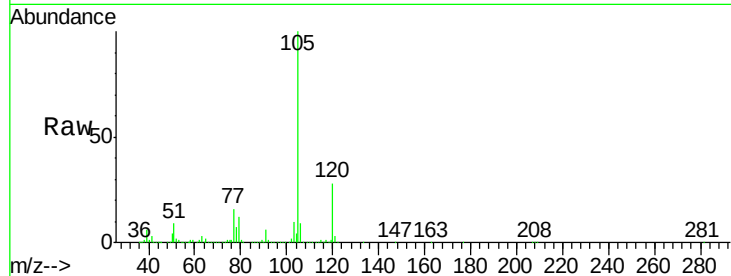
Ion Ratio Lower Upper

105 100

120 26.5 13.3 39.8

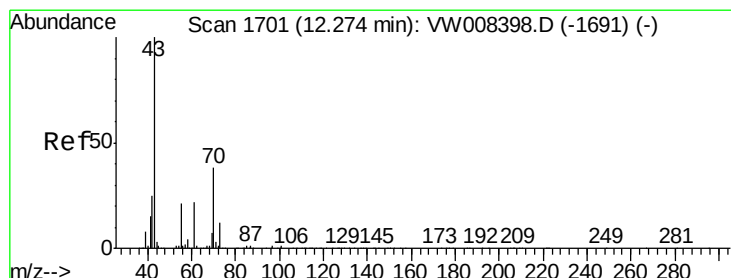
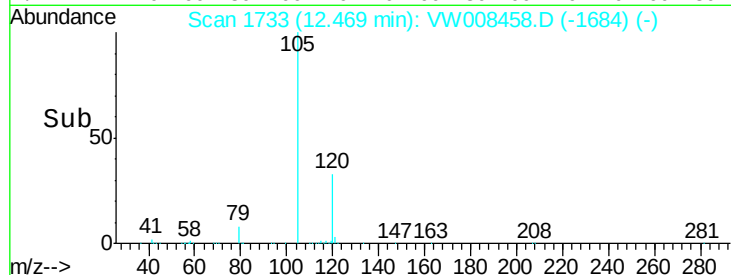
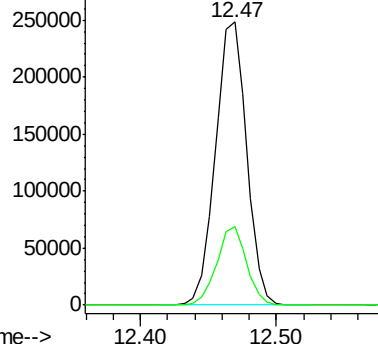
Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 15.757 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW008458.D

Acq: 30 Jan 2019 11:51

Tgt Ion: 43 Resp: 90694

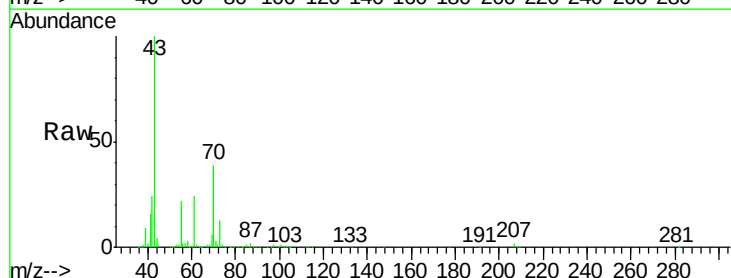
Ion Ratio Lower Upper

43 100

70 42.1 31.0 46.6

55 22.0 17.4 26.2

61 23.5 18.2 27.4

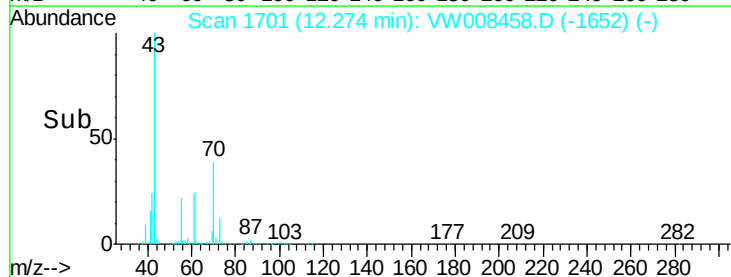
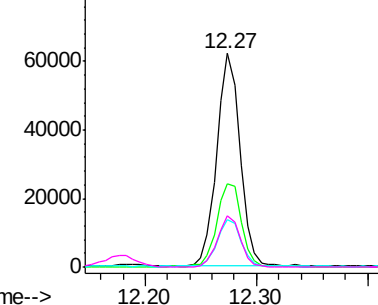


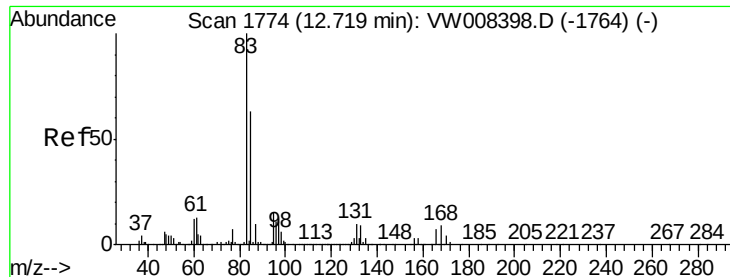
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 17.592 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.01 min

Lab File: VW008458.D

Acq: 30 Jan 2019 11:51

Instrument :

MSVOA_W

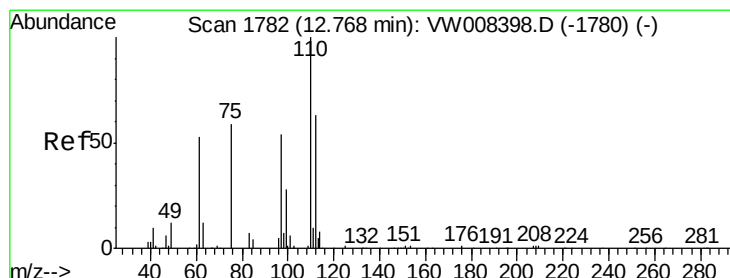
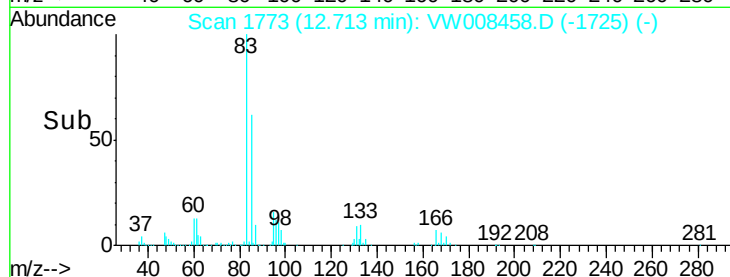
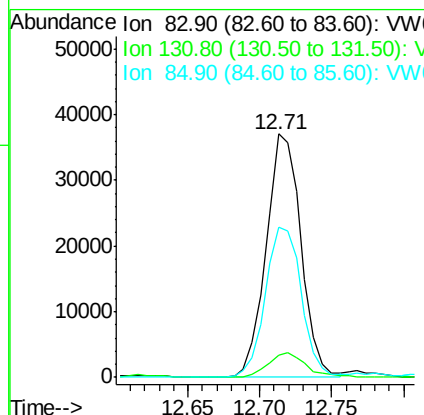
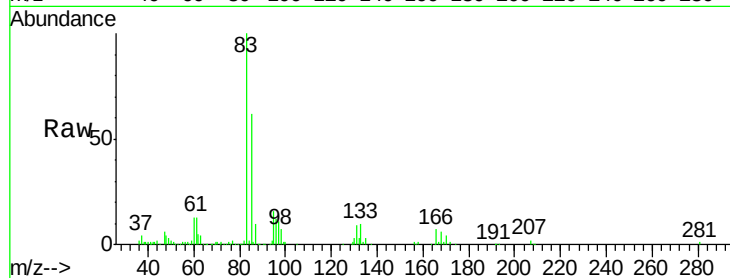
ClientSampleID :

VW0130SBS01

Tot Ion:	83	Resp:	62227
Ion Ratio	Lower	Upper	
83	100		
131	11.1	5.5	16.4
85	64.1	31.9	95.5

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 16.972 ug/l m

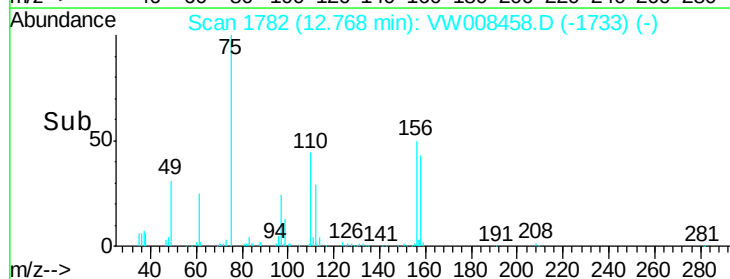
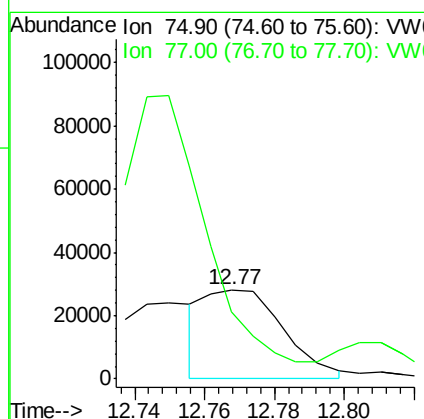
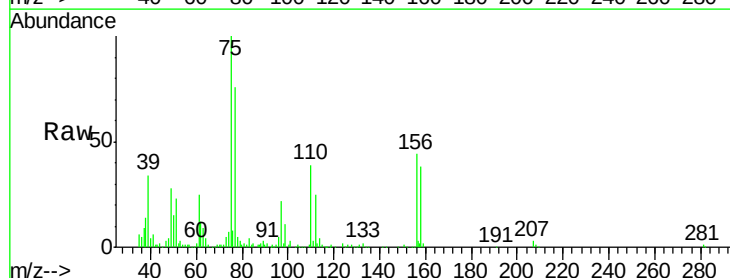
RT: 12.77 min Scan# 1782

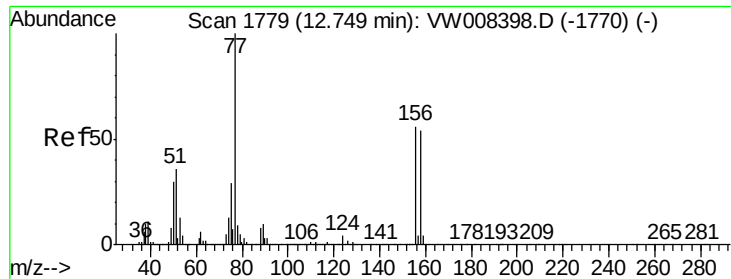
Delta R.T. 0.00 min

Lab File: VW008458.D

Acq: 30 Jan 2019 11:51

Tgt Ion:	75	Resp:	44220
Ion Ratio	Lower	Upper	
75	100		
77	372.7	180.7	542.1





#77

Bromobenzene

Concen: 18.520 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW008458.D

Acq: 30 Jan 2019 11:51

Instrument :

MSVOA_W

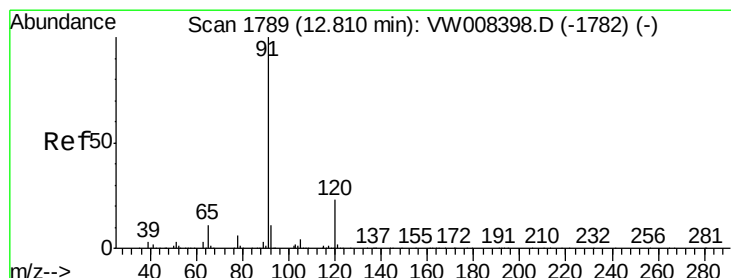
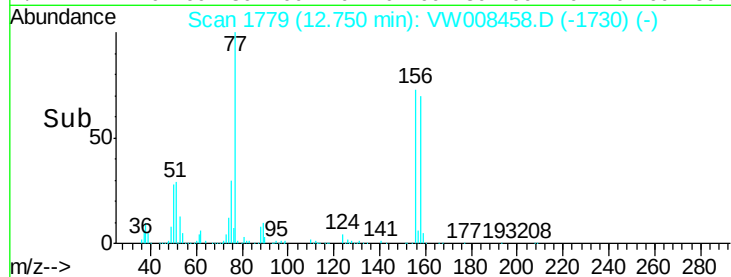
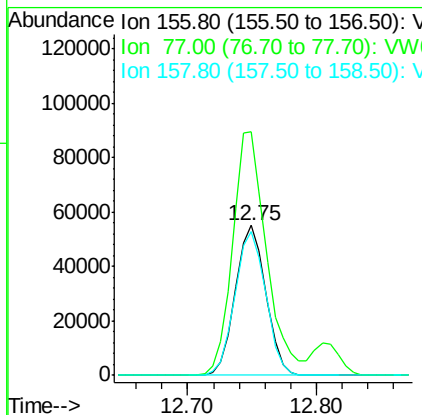
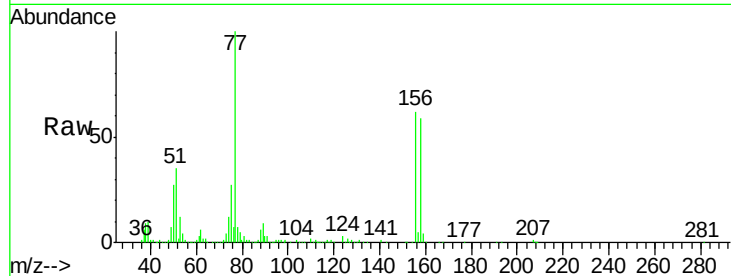
ClientSampleId :

VW0130SBS01

Tot Ion:	156	Resp:	90366
Ion Ratio	Lower	Upper	
156	100		
77	182.4	96.9	290.7
158	97.5	48.8	146.4

Manual Integrations
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#78

n-propylbenzene

Concen: 17.343 ug/l

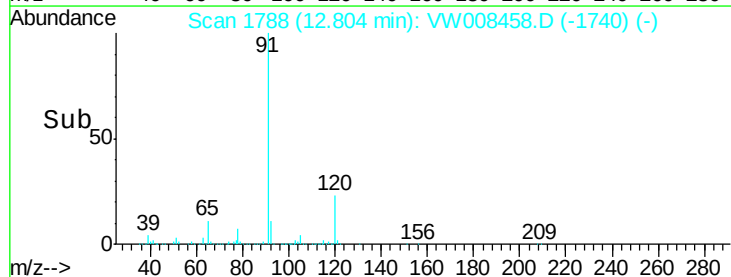
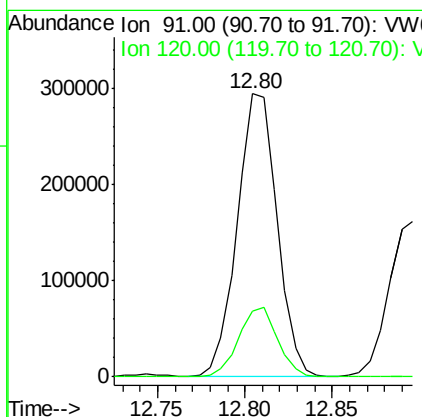
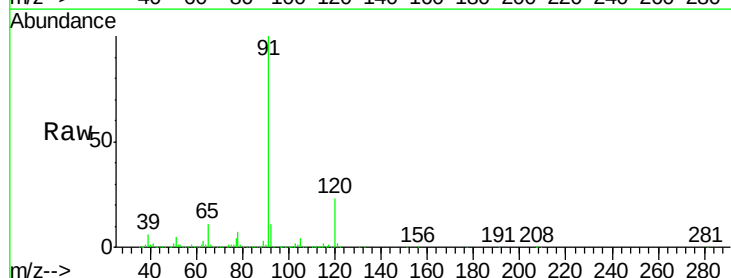
RT: 12.80 min Scan# 1788

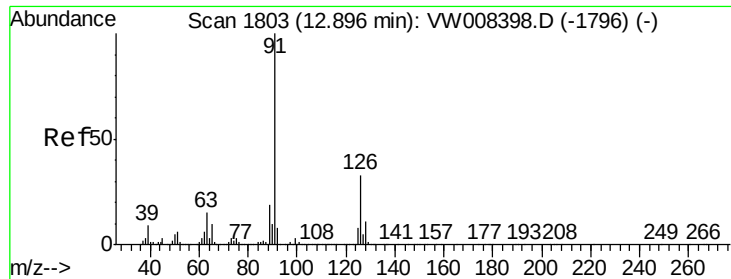
Delta R.T. -0.01 min

Lab File: VW008458.D

Acq: 30 Jan 2019 11:51

Tgt Ion:	91	Resp:	465383
Ion Ratio	Lower	Upper	
91	100		
120	23.9	11.4	34.1





#79

2-Chlorotoluene

Concen: 17.358 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW008458.D

Acq: 30 Jan 2019 11:51

Instrument :

MSVOA_W

ClientSampleId :

VW0130SBS01

Tot Ion: 91 Resp: 262848

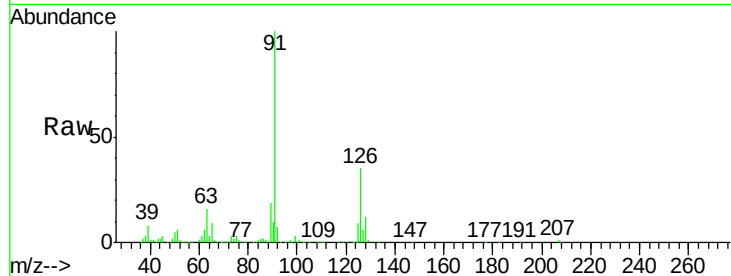
Ion Ratio Lower Upper

91 100

126 34.7 16.5 49.5

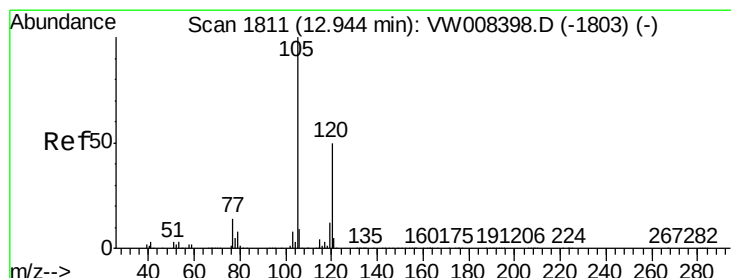
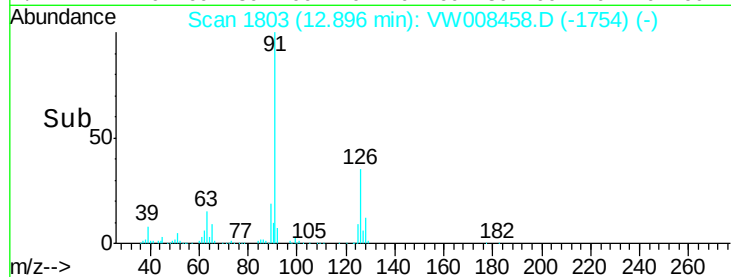
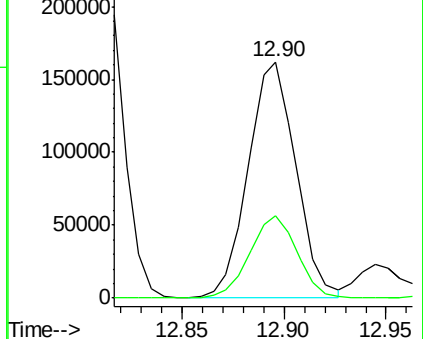
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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 17.487 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW008458.D

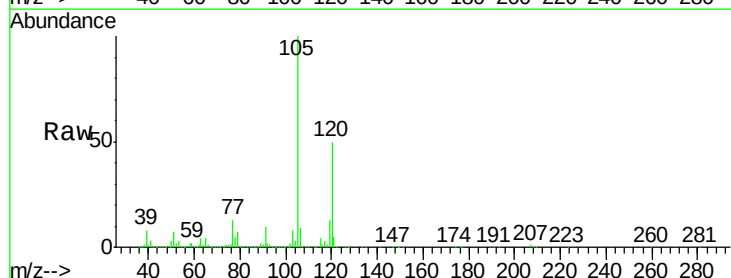
Acq: 30 Jan 2019 11:51

Tgt Ion: 105 Resp: 326556

Ion Ratio Lower Upper

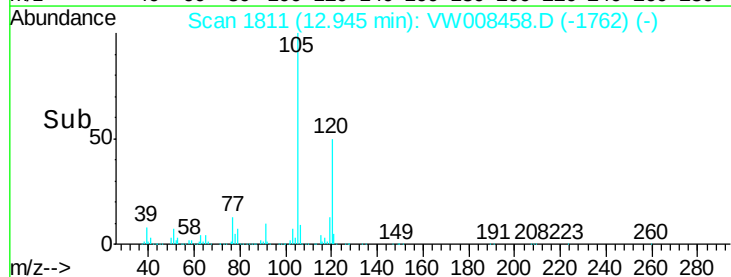
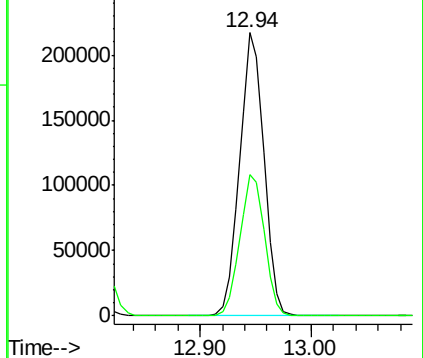
105 100

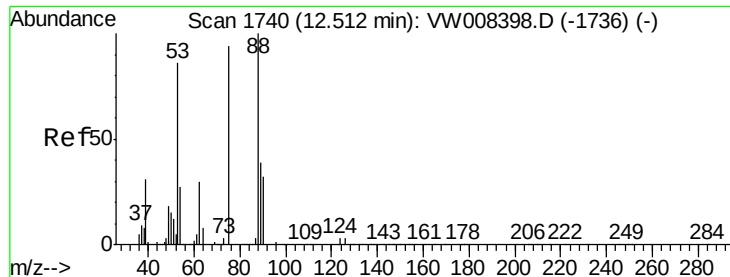
120 50.9 24.6 73.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





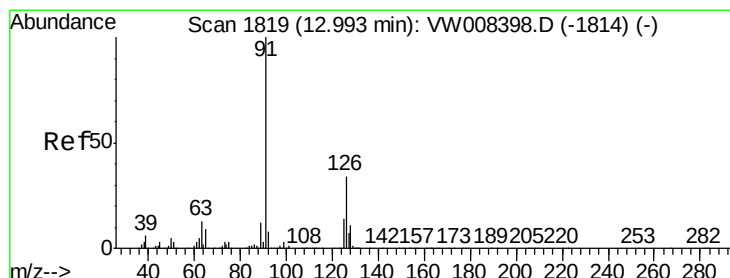
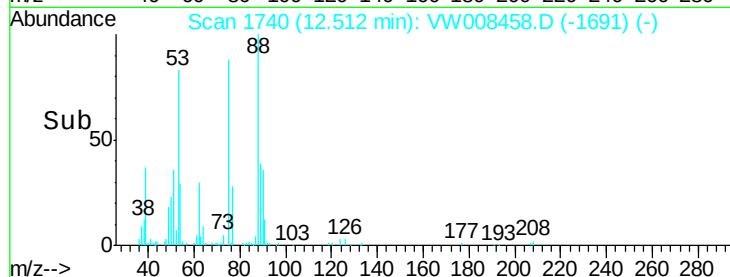
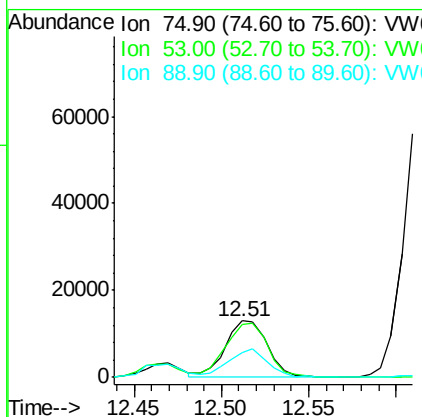
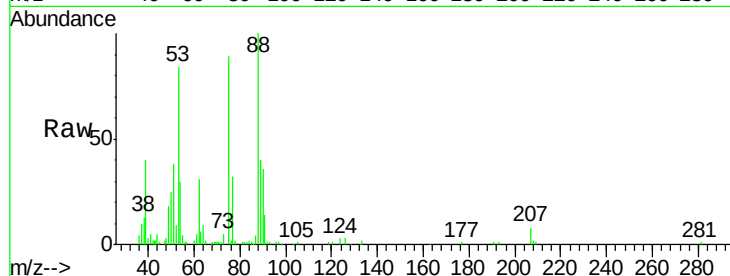
#81
trans-1,4-Dichloro-2-butene
Concen: 16.293 ug/l
RT: 12.51 min Scan# 1740
Delta R.T. 0.00 min
Lab File: VW008458.D
Acq: 30 Jan 2019 11:51

Instrument :
MSVOA_W
ClientSampled :
VW0130SBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	100.3	76.0	114.0
89	47.7	35.4	53.0

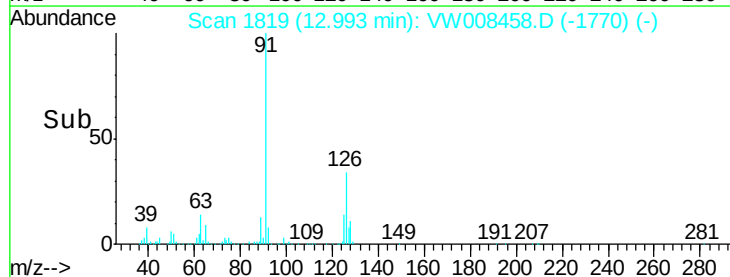
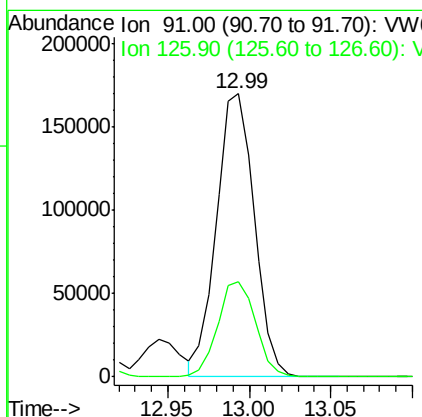
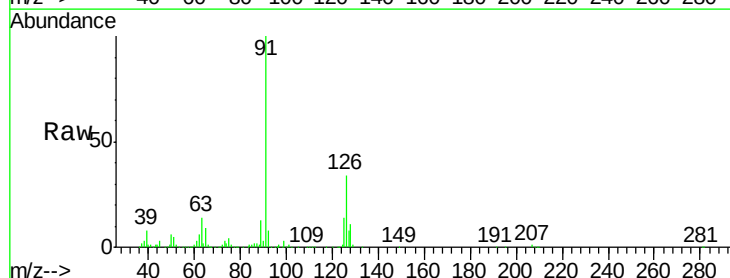
Manual Integrations
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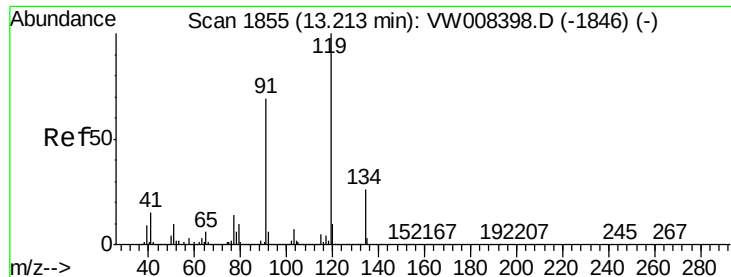
MMDadoda
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#82
4-Chlorotoluene
Concen: 17.026 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW008458.D
Acq: 30 Jan 2019 11:51

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.9	16.4	49.2





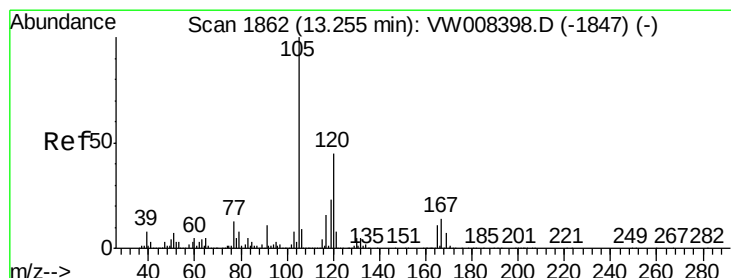
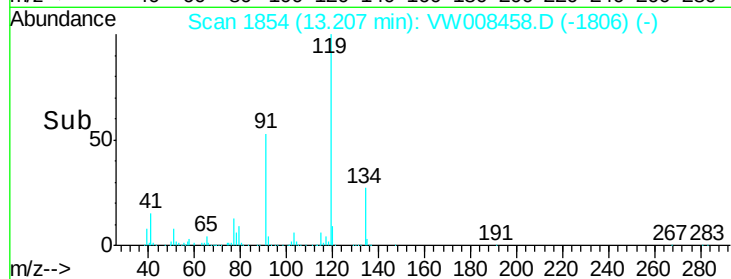
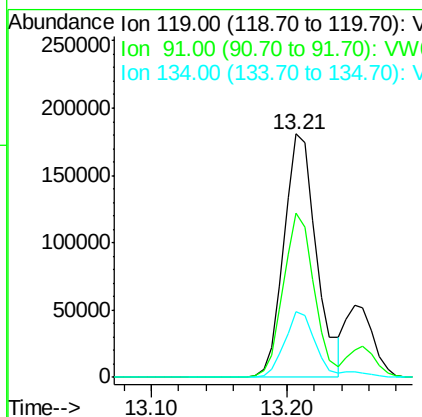
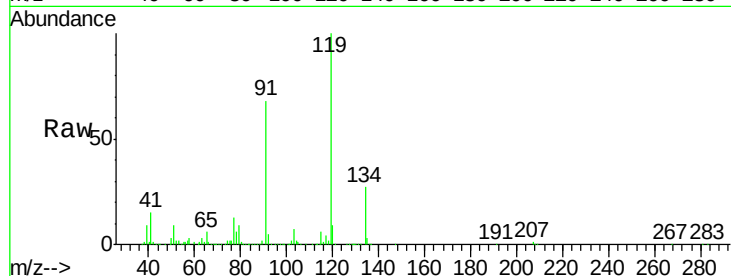
#83
tert-Butylbenzene
Concen: 18.074 ug/l
RT: 13.21 min Scan# 1854
Delta R.T. -0.01 min
Lab File: VW008458.D
Acq: 30 Jan 2019 11:51

Instrument :
MSVOA_W
ClientSampleId :
VW0130SBS01

Tot Ion	Ratio	Lower	Upper
119	100		
91	64.1	33.8	101.4
134	26.9	13.5	40.4

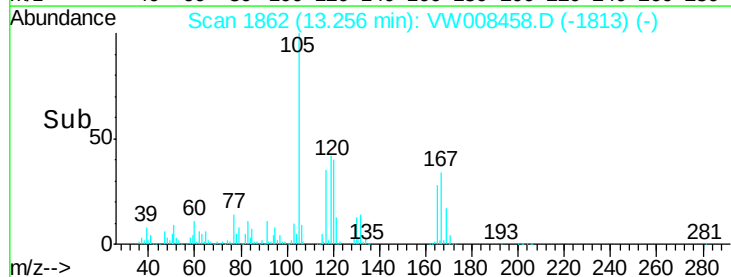
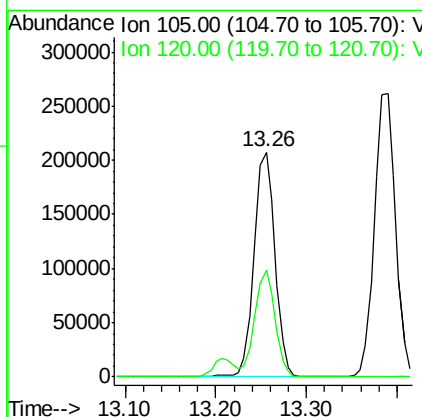
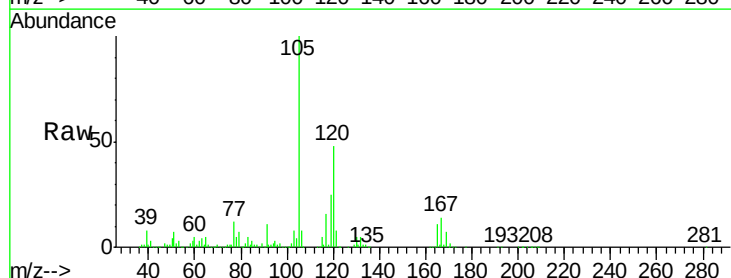
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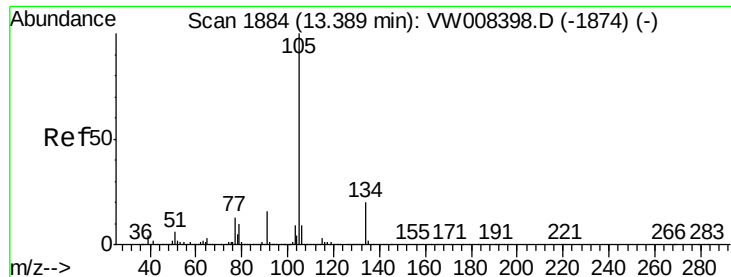
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 17.487 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW008458.D
Acq: 30 Jan 2019 11:51

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.5	23.1	69.2





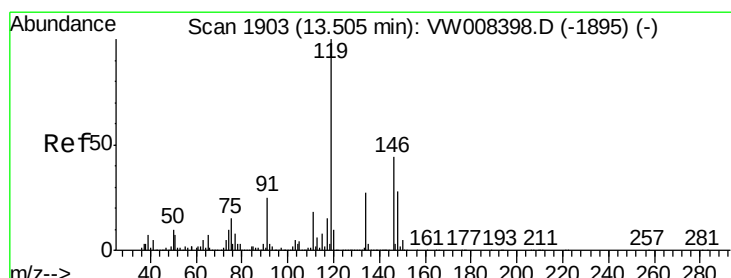
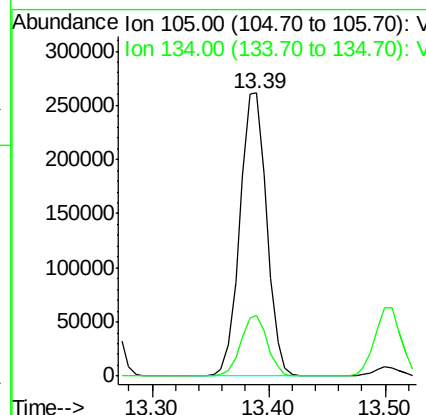
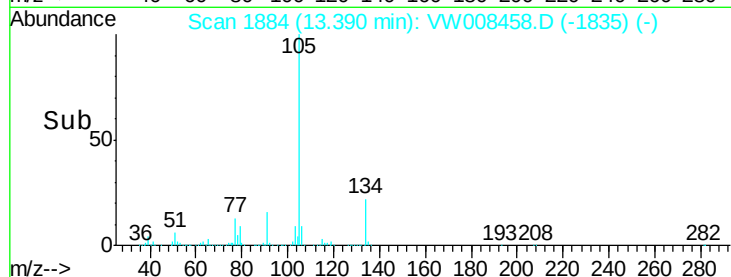
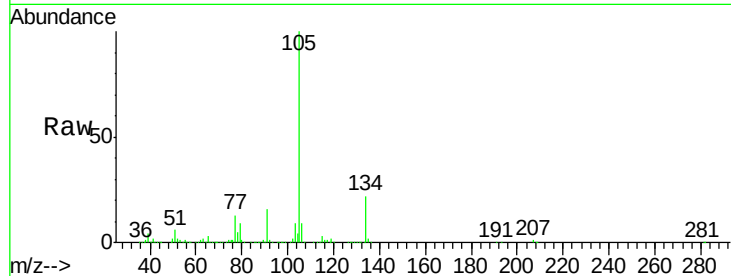
#85
 sec-Butylbenzene
 Concen: 17.715 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. 0.00 min
 Lab File: VW008458.D
 Acq: 30 Jan 2019 11:51

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0130SBS01

Tot Ion	Ratio	Lower	Upper
105	100		
134	21.0	10.2	30.6

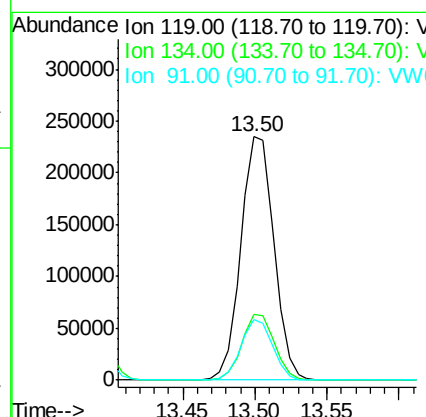
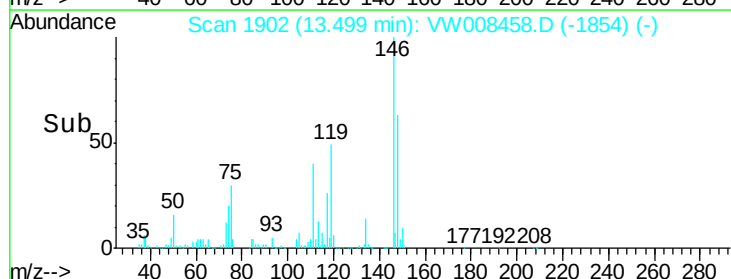
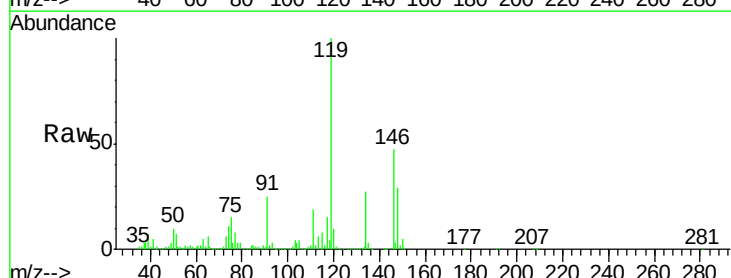
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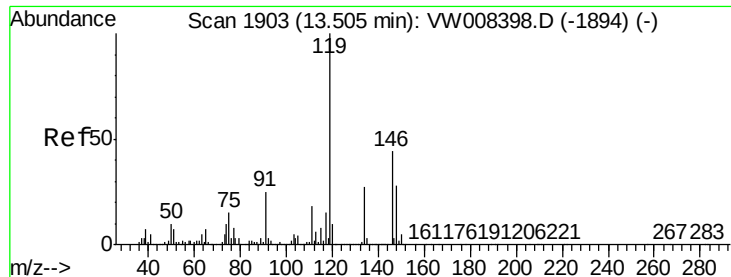
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#86
 p-Isopropyltoluene
 Concen: 17.996 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: VW008458.D
 Acq: 30 Jan 2019 11:51

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.8	13.4	40.2
91	23.9	12.6	37.6





#87

1,3-Dichlorobenzene

Concen: 18.291 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW008458.D

Acq: 30 Jan 2019 11:51

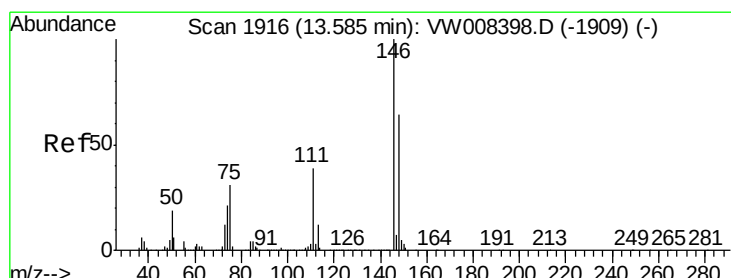
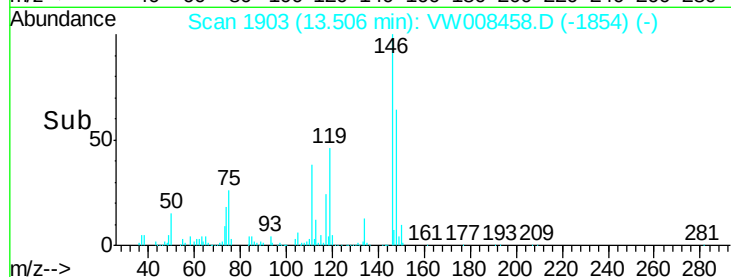
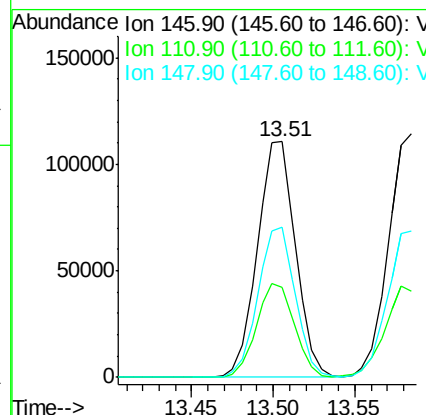
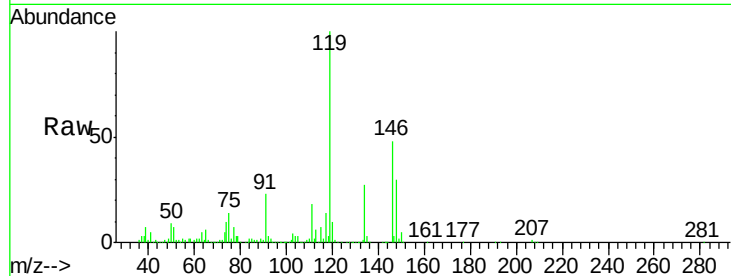
Instrument :
MSVOA_W

ClientSampleId :
VW0130SBSD01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	180245		
111	39.7	20.3	60.9	
148	62.5	31.9	95.7	

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 18.487 ug/l

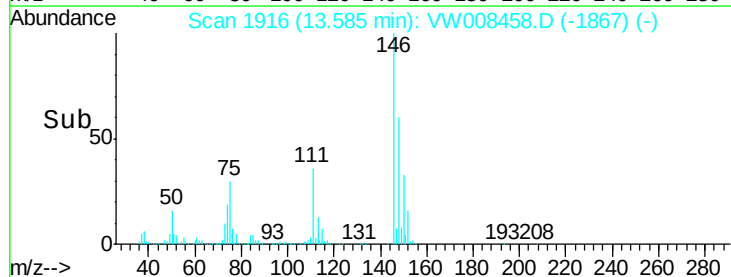
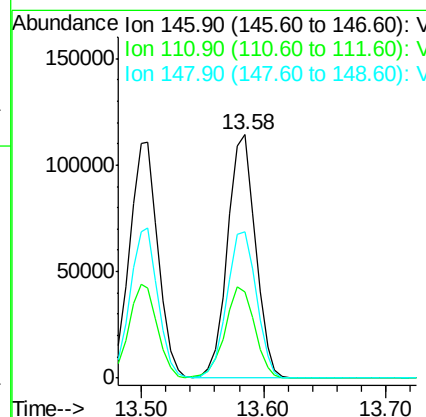
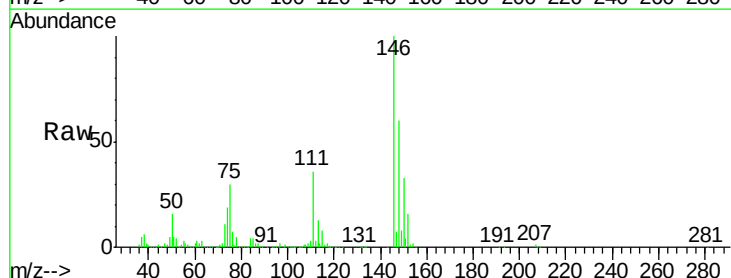
RT: 13.58 min Scan# 1916

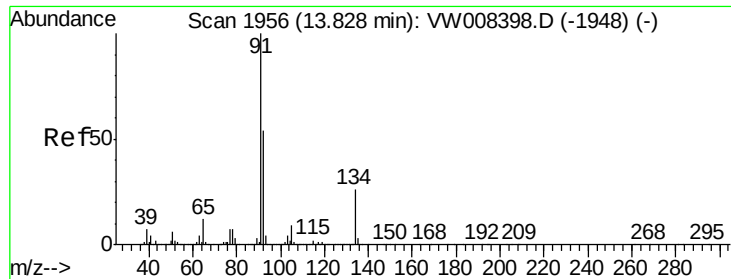
Delta R.T. 0.00 min

Lab File: VW008458.D

Acq: 30 Jan 2019 11:51

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	181046		
111	39.8	20.0	60.0	
148	63.3	32.0	96.2	





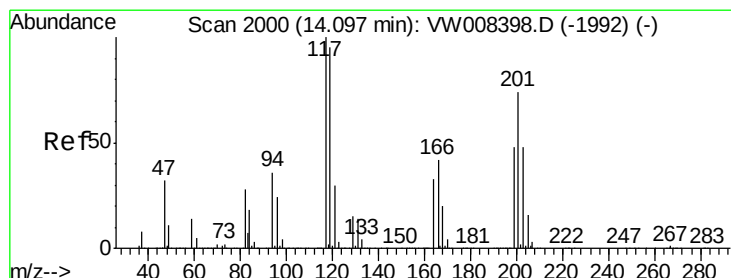
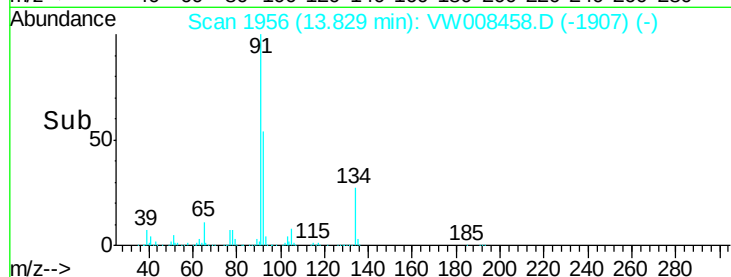
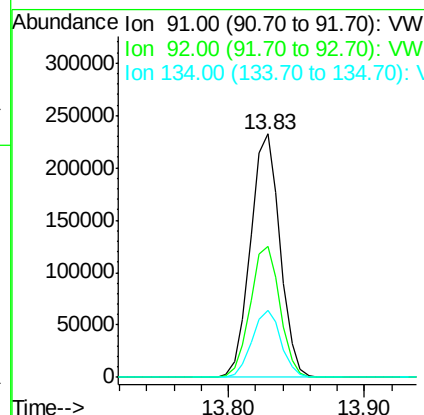
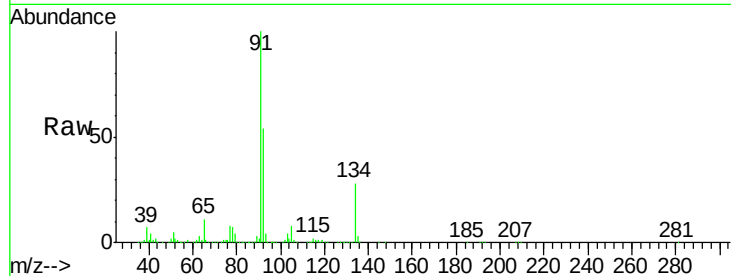
#89
n-Butylbenzene
Concen: 17.286 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW008458.D
Acq: 30 Jan 2019 11:51

Instrument :
MSVOA_W
ClientSampleId :
VW0130SBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.2	27.4	82.2
134	27.1	13.0	39.0

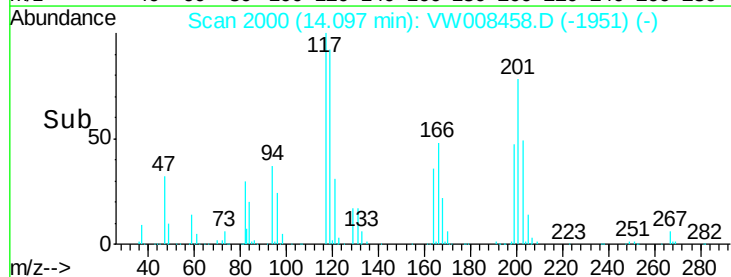
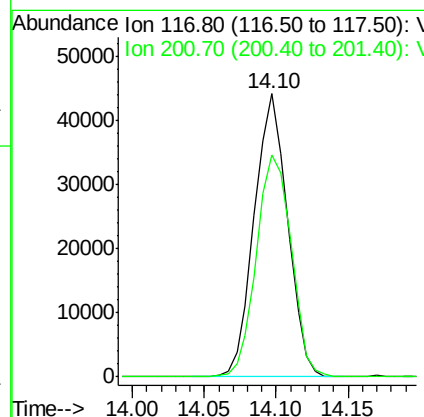
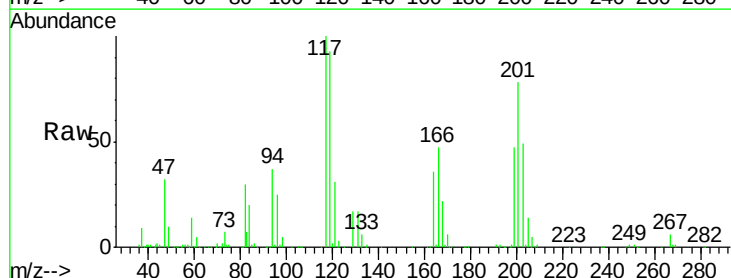
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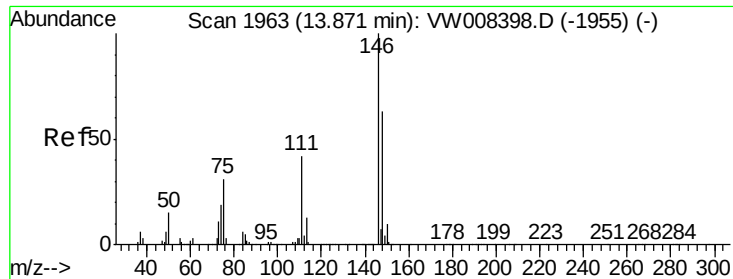
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#90
Hexachloroethane
Concen: 17.373 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW008458.D
Acq: 30 Jan 2019 11:51

Tgt Ion	Ratio	Lower	Upper
117	100		
201	82.0	39.1	117.5





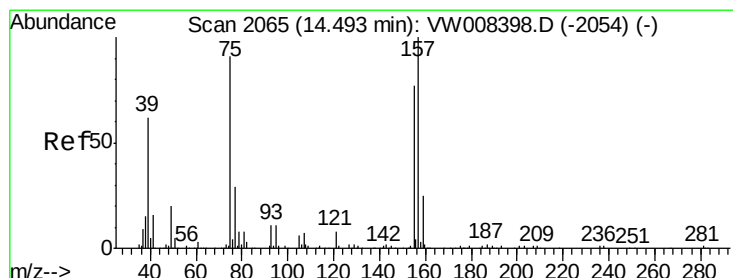
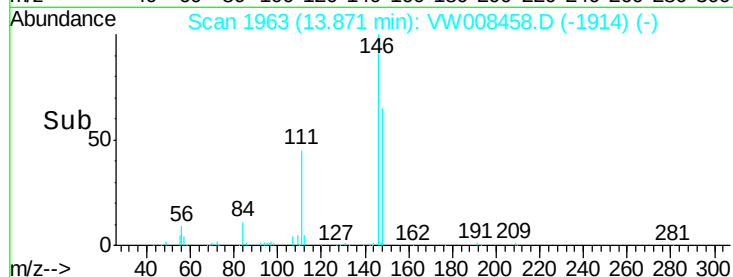
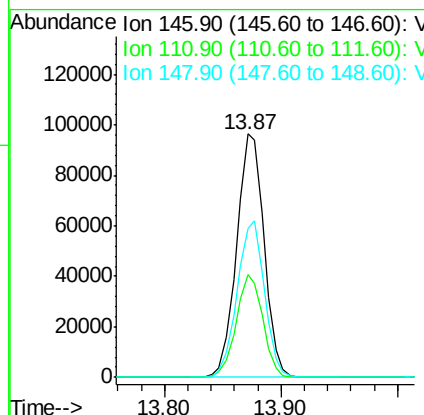
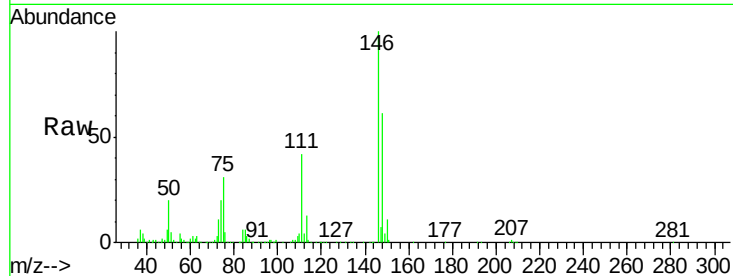
#91
 1,2-Dichlorobenzene
 Concen: 18.160 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW008458.D
 Acq: 30 Jan 2019 11:51

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0130SBS01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	158336		
111	40.8		21.1	63.3
148	63.9		31.9	95.5

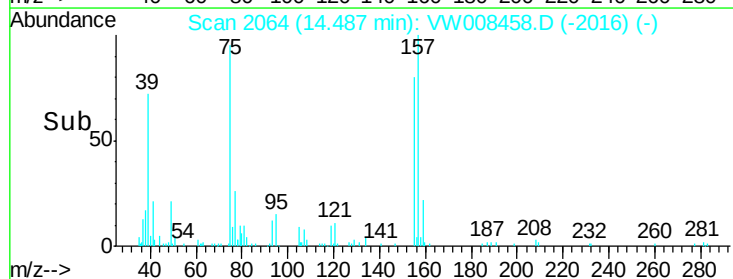
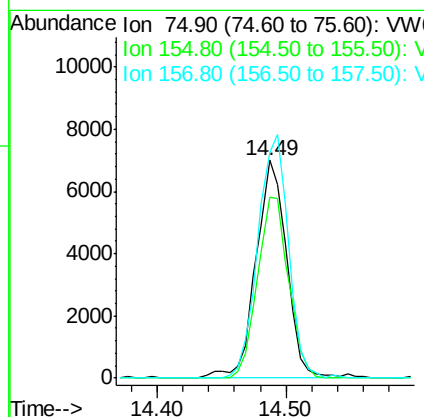
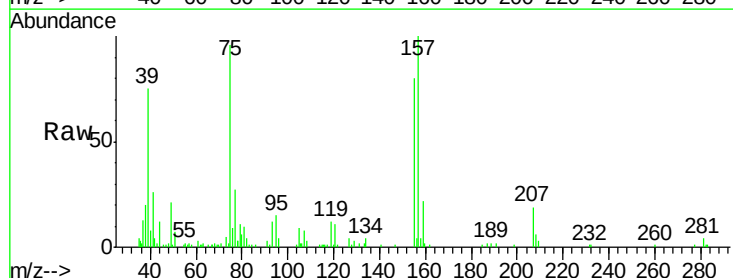
Manual Integrations
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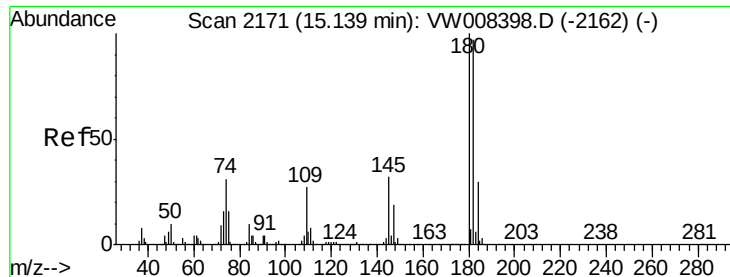
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 17.041 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.01 min
 Lab File: VW008458.D
 Acq: 30 Jan 2019 11:51

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	11437		
155	84.2		42.7	128.1
157	112.3		55.5	166.3





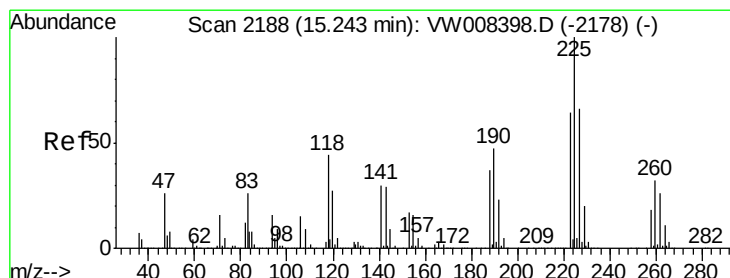
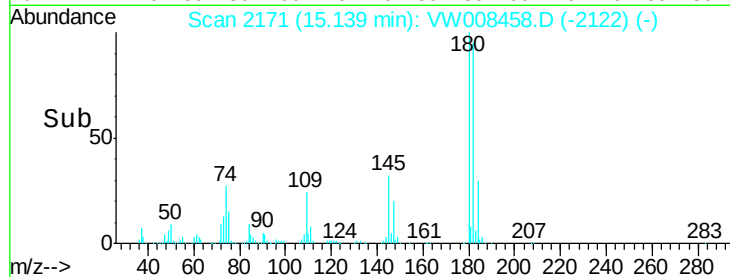
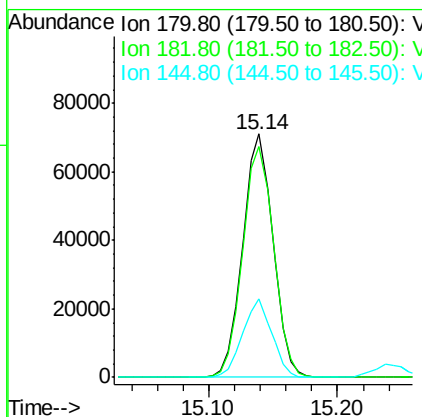
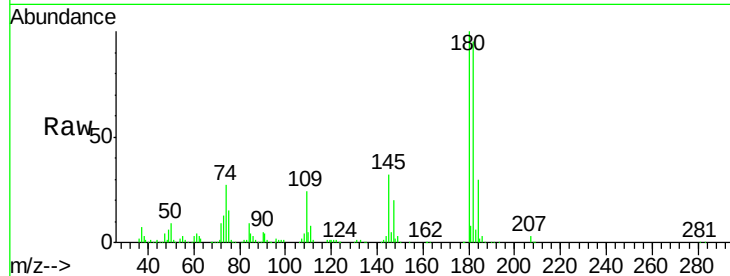
#93
 1,2,4-Trichlorobenzene
 Concen: 18.555 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW008458.D
 Acq: 30 Jan 2019 11:51

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0130SBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	115453		
182	96.6	47.9	143.7	
145	31.3	15.5	46.5	

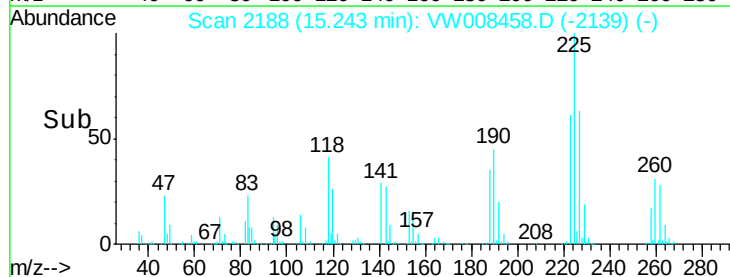
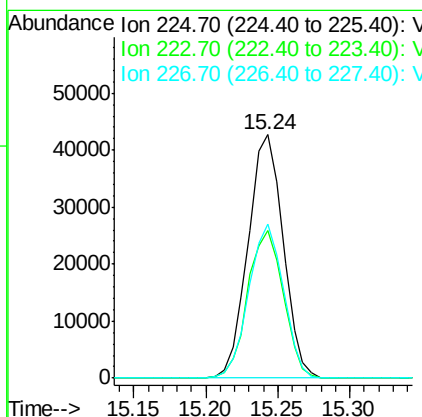
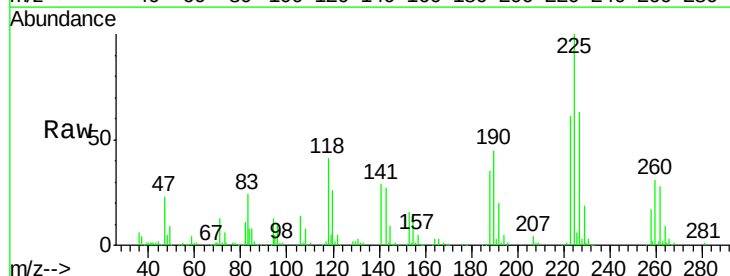
Manual Integrations
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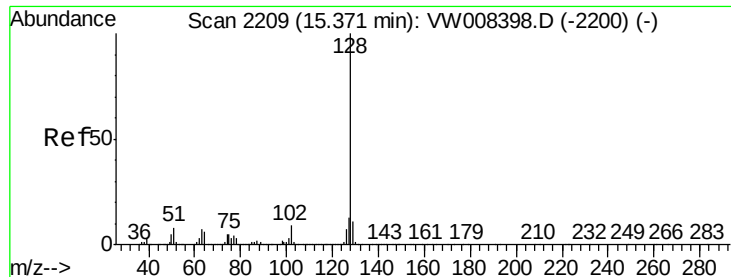
MMDadoda
 2/1/2019 10:47:10 AM



#94
 Hexachlorobutadiene
 Concen: 19.190 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW008458.D
 Acq: 30 Jan 2019 11:51

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	71959		
223	61.4	31.7	95.1	
227	62.5	32.1	96.3	





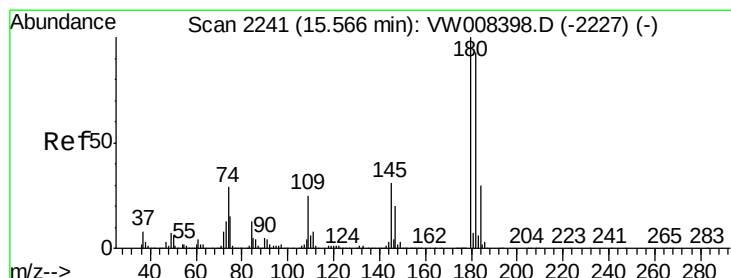
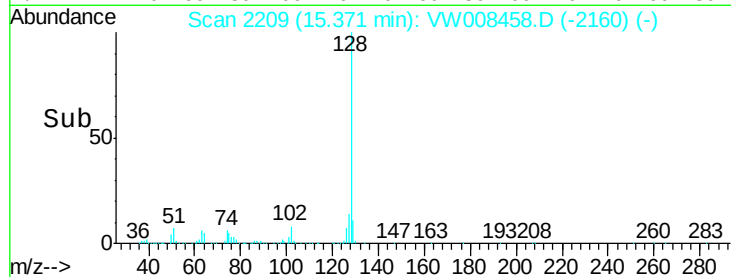
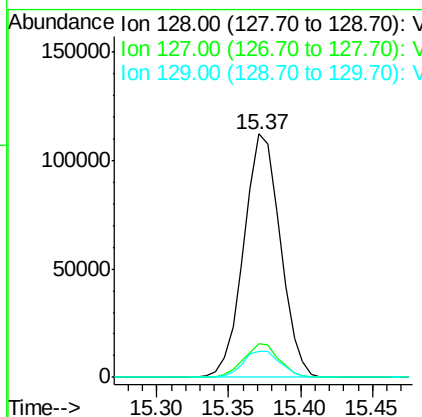
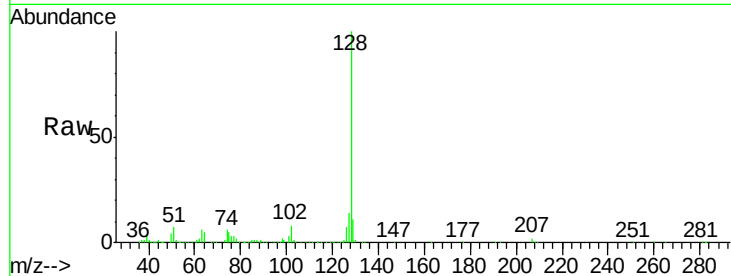
#95
Naphthalene
Concen: 18.088 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW008458.D
Acq: 30 Jan 2019 11:51

Instrument :
MSVOA_W
ClientSampleId :
VW0130SBS01

Tot Ion	Ratio	Resp	Lower	Upper
128	100	197611		
127	13.4	10.6	15.8	
129	11.0	8.7	13.1	

Manual Integrations
APPROVED

MMDadoda
2/1/2019 10:47:10 AM



#96
1,2,3-Trichlorobenzene
Concen: 18.826 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.01 min
Lab File: VW008458.D
Acq: 30 Jan 2019 11:51

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	99366		
182	94.8	47.0	141.2	
145	32.1	15.9	47.6	

