

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW022119\
 Data File : VW008764.D
 Acq On : 21 Feb 2019 11:22
 Operator : SY/VA
 Sample : VSTDIC010
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Manual Integrations
 APPROVED

MMDadoda
 2/22/2019 12:25:02 PM

Quant Time: Feb 22 00:31:24 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 22 00:19:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	341986	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	481202	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	464350	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	263531	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	30785	9.60	ug/l	0.00
Spiked Amount			Recovery	=	19.20%	
35) Dibromofluoromethane	7.88	113	27184	9.41	ug/l	0.00
Spiked Amount			Recovery	=	18.82%	
50) Toluene-d8	10.32	98	111210	9.97	ug/l	0.00
Spiked Amount			Recovery	=	19.94%	
62) 4-Bromofluorobenzene	12.62	95	43691	10.00	ug/l	0.00
Spiked Amount			Recovery	=	20.00%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	34683	10.126	ug/l	98
3) Chloromethane	2.22	50	39017	9.358	ug/l	97
4) Vinyl Chloride	2.35	62	41573	9.417	ug/l	99
5) Bromomethane	2.76	94	30782	9.388	ug/l	96
6) Chloroethane	2.91	64	28661	9.143	ug/l	95
7) Trichlorofluoromethane	3.26	101	52847	9.465	ug/l	93
8) Diethyl Ether	3.69	74	17366	9.825	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.06	101	31528	9.299	ug/l	99
10) Methyl Iodide	4.27	142	37631	8.876	ug/l	99
11) Tert butyl alcohol	5.17	59	13886	49.846	ug/l #	86
12) 1,1-Dichloroethene	4.03	96	27299	9.117	ug/l	97
13) Acrolein	3.89	56	11277	41.761	ug/l	90
14) Allyl chloride	4.67	41	48761	9.435	ug/l	98
15) Acrylonitrile	5.37	53	36210	47.733	ug/l	98
16) Acetone	4.12	43	35356	47.555	ug/l	91
17) Carbon Disulfide	4.38	76	89963	9.055	ug/l	99
18) Methyl Acetate	4.68	43	16869	9.566	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	75993	9.376	ug/l	99
20) Methylene Chloride	4.92	84	49752	11.350	ug/l	90
21) trans-1,2-Dichloroethene	5.42	96	32852	9.485	ug/l	92
22) Diisopropyl ether	6.32	45	96933	9.403	ug/l	99
23) Vinyl Acetate	6.26	43	290193	45.560	ug/l	99
24) 1,1-Dichloroethane	6.22	63	56767	9.503	ug/l	97
25) 2-Butanone	7.17	43	48935	47.079	ug/l	98
26) 2,2-Dichloropropane	7.16	77	51358	9.469	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	35252	9.515	ug/l	96
28) Bromochloromethane	7.51	49	23038	9.216	ug/l	97
29) Tetrahydrofuran	7.54	42	29340	44.294	ug/l	94
30) Chloroform	7.68	83	58771	9.590	ug/l	90
31) Cyclohexane	7.95	56	59827	9.894	ug/l #	94
32) 1,1,1-Trichloroethane	7.87	97	52451	9.411	ug/l	98
36) 1,1-Dichloropropene	8.09	75	45367	9.685	ug/l	99
37) Ethyl Acetate	7.26	43	21107	9.690	ug/l	98
38) Carbon Tetrachloride	8.07	117	47941	9.705	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	55369	9.477	ug/l	94
40) Benzene	8.32	78	126889	9.921	ug/l	97
41) Methacrylonitrile	7.48	41	10956	8.557	ug/l	96
42) 1,2-Dichloroethane	8.40	62	39265	9.692	ug/l	99
43) Isopropyl Acetate	8.43	43	41849	9.626	ug/l	100
44) Trichloroethene	9.09	130	35541	9.865	ug/l	97
45) 1,2-Dichloropropane	9.37	63	30325	9.595	ug/l	91
46) Dibromomethane	9.46	93	16923	9.627	ug/l	99
47) Bromodichloromethane	9.64	83	41230	9.640	ug/l	95
48) Methyl methacrylate	9.44	41	18266	8.773	ug/l	89
49) 1,4-Dioxane	9.45	88	5438	193.166	ug/l	87
51) 4-Methyl-2-Pentanone	10.21	43	104440	47.319	ug/l	99
52) Toluene	10.39	92	85522	9.853	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	40346	9.255	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	47147	9.482	ug/l	93
55) 1,1,2-Trichloroethane	10.79	97	22937	9.621	ug/l	97
56) Ethyl methacrylate	10.65	69	29267	9.449	ug/l	97
57) 1,3-Dichloropropane	10.93	76	41018	9.745	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	82806	53.155	ug/l	99
59) 2-Hexanone	10.97	43	75292	47.922	ug/l	98
60) Dibromochloromethane	11.13	129	27437	9.435	ug/l	98
61) 1,2-Dibromoethane	11.23	107	23716	10.050	ug/l	95
64) Tetrachloroethene	10.86	164	33325	10.026	ug/l	95
65) Chlorobenzene	11.66	112	98789	10.118	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	32782	9.930	ug/l	99
67) Ethyl Benzene	11.73	91	171369	9.818	ug/l	100
68) m/p-Xylenes	11.84	106	137096	19.658	ug/l	99
69) o-Xylene	12.16	106	63533	9.706	ug/l	100
70) Styrene	12.18	104	100667	9.559	ug/l	99
71) Bromoform	12.35	173	16587	9.347	ug/l #	98
73) Isopropylbenzene	12.46	105	171148	9.473	ug/l	99
74) N-amyl acetate	12.27	43	41757	9.176	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	27709	9.387	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	19812m	8.690	ug/l	
77) Bromobenzene	12.75	156	42682	9.998	ug/l	97
78) n-propylbenzene	12.80	91	211077	9.551	ug/l	99
79) 2-Chlorotoluene	12.89	91	121288	9.667	ug/l	97
80) 1,3,5-Trimethylbenzene	12.94	105	150603	9.593	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	8089	9.038	ug/l	97
82) 4-Chlorotoluene	12.99	91	127643	9.654	ug/l	98
83) tert-Butylbenzene	13.21	119	135966	10.016	ug/l	96
84) 1,2,4-Trimethylbenzene	13.26	105	156572	9.634	ug/l	98
85) sec-Butylbenzene	13.38	105	185288	9.492	ug/l	100
86) p-Isopropyltoluene	13.50	119	168280	9.404	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	85497	9.652	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	87235	9.993	ug/l	97
89) n-Butylbenzene	13.83	91	156152	9.315	ug/l	98
90) Hexachloroethane	14.10	117	27345	9.335	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	79903	10.124	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	5108	9.566	ug/l	97

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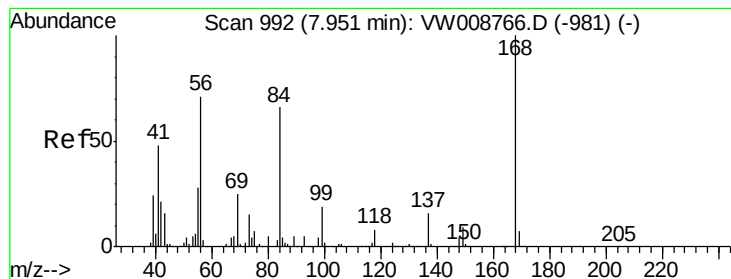
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	57228	10.064	ug/l	98
94) Hexachlorobutadiene	15.24	225	33278	9.935	ug/l	99
95) Naphthalene	15.37	128	91831	9.485	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	49335	10.034	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW008764.D

Acq: 21 Feb 2019 11:22

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tot Ion:168 Resp: 341986

Ion Ratio Lower Upper

168 100

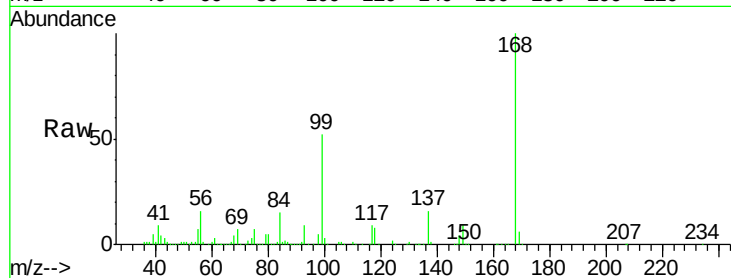
99 51.9 42.2 63.2

Manual Integrations

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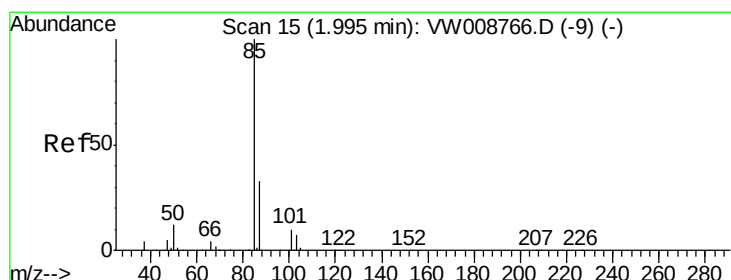
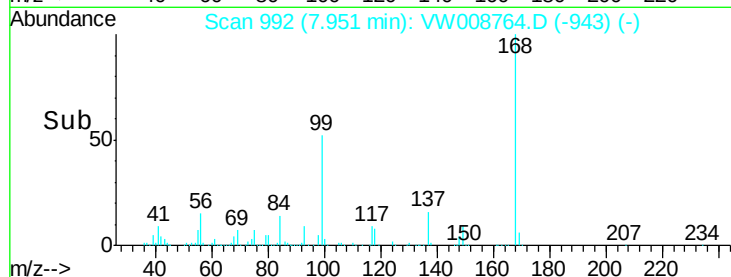
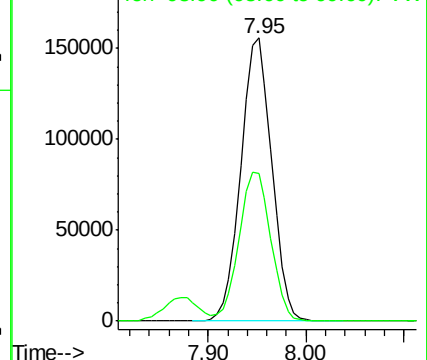
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 10.126 ug/l

RT: 2.00 min Scan# 16

Delta R.T. 0.01 min

Lab File: VW008764.D

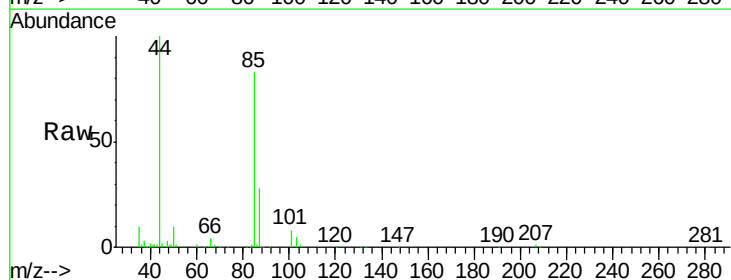
Acq: 21 Feb 2019 11:22

Tgt Ion: 85 Resp: 34683

Ion Ratio Lower Upper

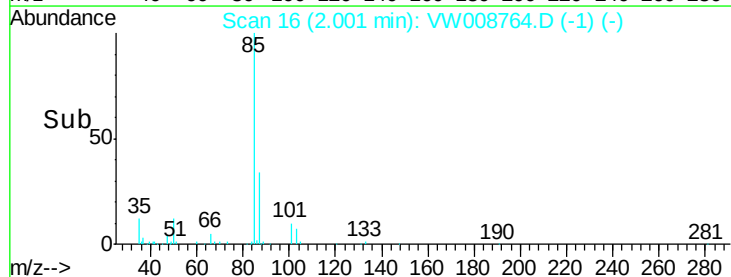
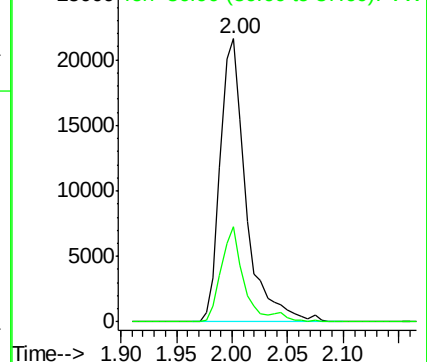
85 100

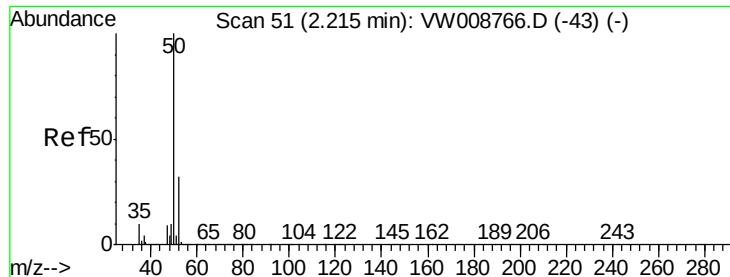
87 33.8 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 9.358 ug/l

RT: 2.22 min Scan# 52

Delta R.T. 0.01 min

Lab File: VW008764.D

Acq: 21 Feb 2019 11:22

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tot Ion: 50 Resp: 39017

Ion Ratio Lower Upper

50 100

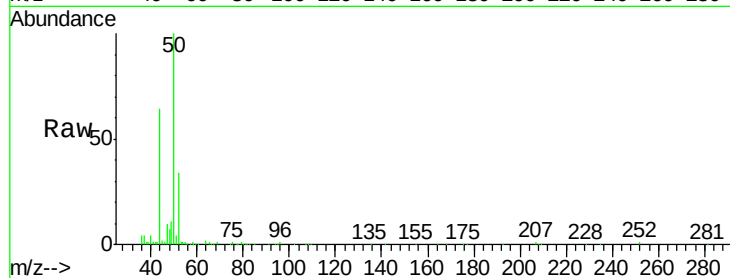
52 34.3 25.9 38.9

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Abundance Ion 49.90 (49.60 to 50.60): VW

Ion 51.90 (51.60 to 52.60): VW

2.22

25000

20000

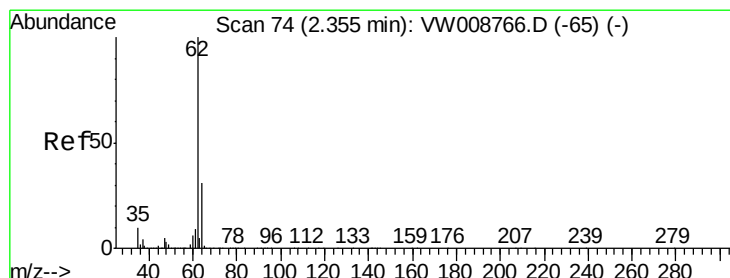
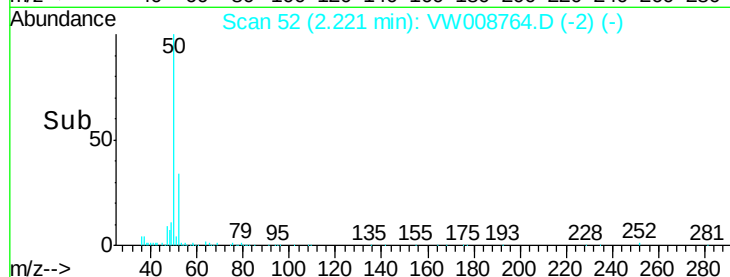
15000

10000

5000

0

Time-->



#4

Vinyl Chloride

Concen: 9.417 ug/l

RT: 2.35 min Scan# 74

Delta R.T. 0.00 min

Lab File: VW008764.D

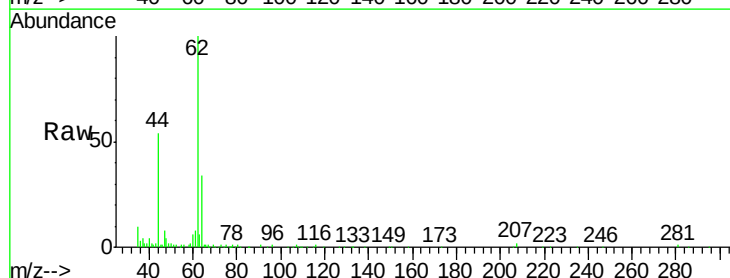
Acq: 21 Feb 2019 11:22

Tgt Ion: 62 Resp: 41573

Ion Ratio Lower Upper

62 100

64 31.8 24.9 37.3



Abundance Ion 61.90 (61.60 to 62.60): VW

Ion 63.90 (63.60 to 64.60): VW

2.35

30000

25000

20000

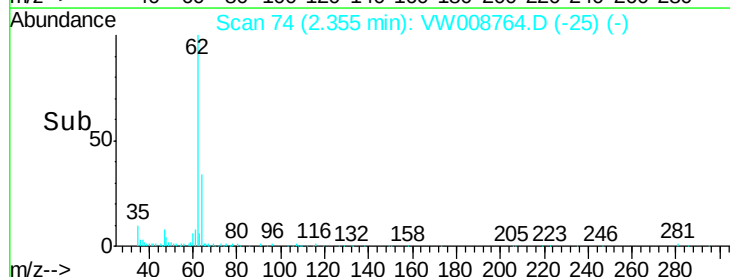
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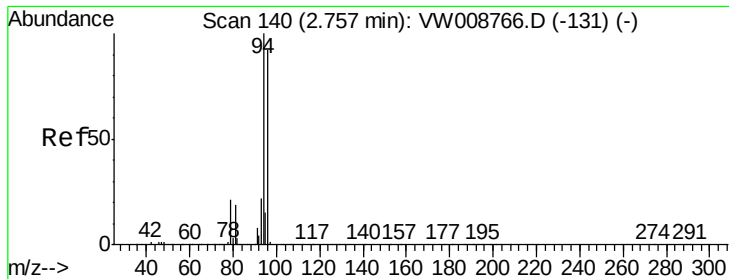
10000

5000

0

Time-->





#5

Bromomethane

Concen: 9.388 ug/l

RT: 2.76 min Scan# 140

Delta R.T. 0.00 min

Lab File: VW008764.D

Acq: 21 Feb 2019 11:22

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tot Ion: 94 Resp: 30782

Ion Ratio Lower Upper

94 100

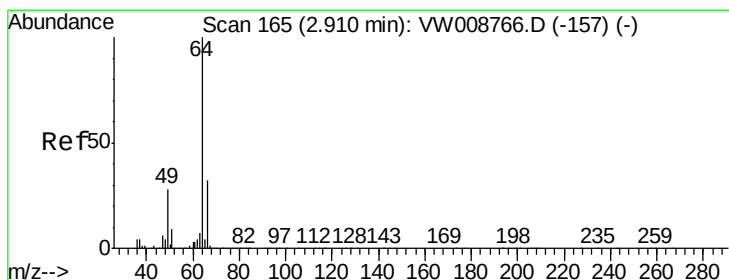
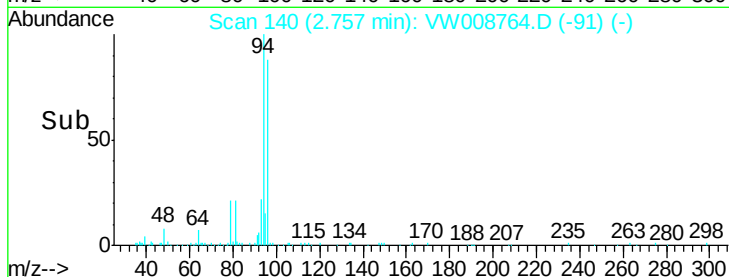
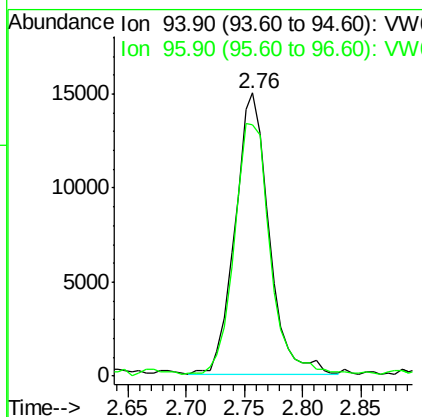
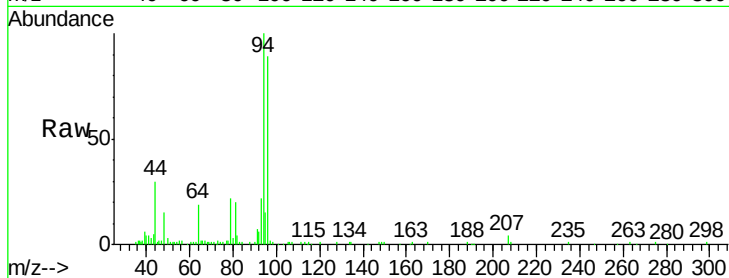
96 87.8 73.4 110.2

Manual Integrations

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#6

Chloroethane

Concen: 9.143 ug/l

RT: 2.91 min Scan# 165

Delta R.T. 0.00 min

Lab File: VW008764.D

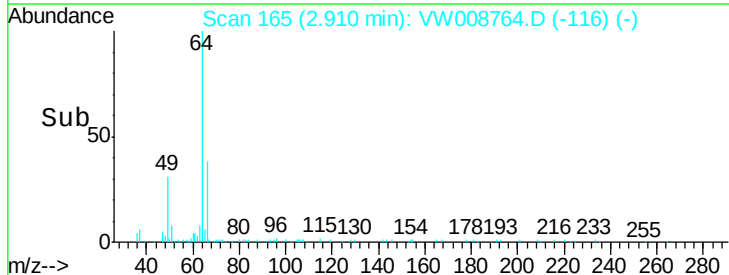
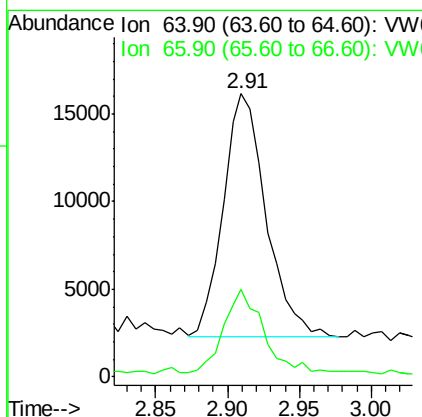
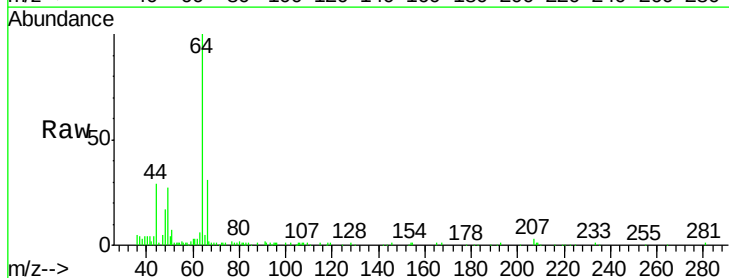
Acq: 21 Feb 2019 11:22

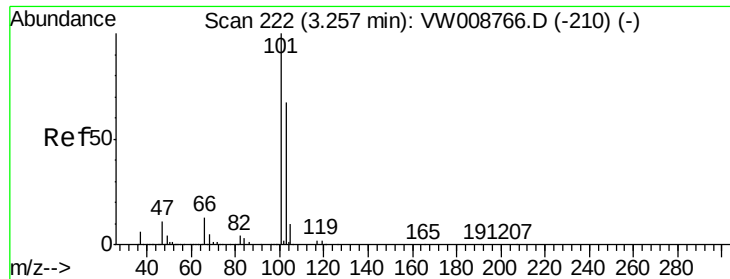
Tgt Ion: 64 Resp: 28661

Ion Ratio Lower Upper

64 100

66 34.5 25.5 38.3





#7

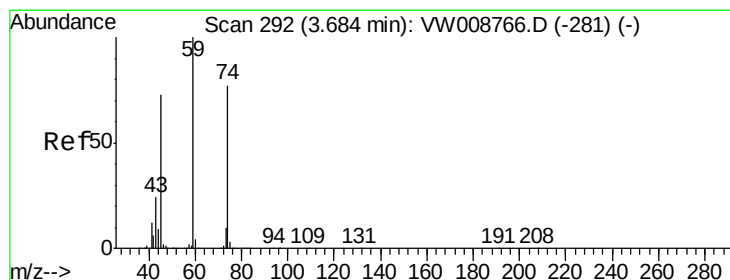
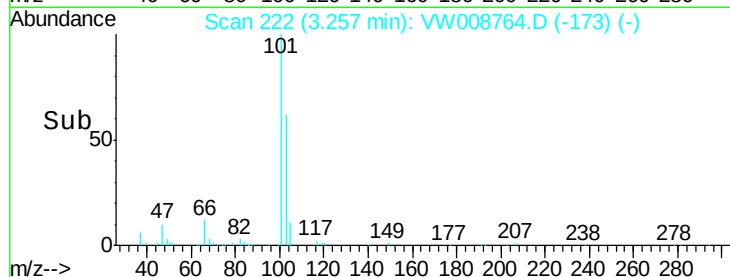
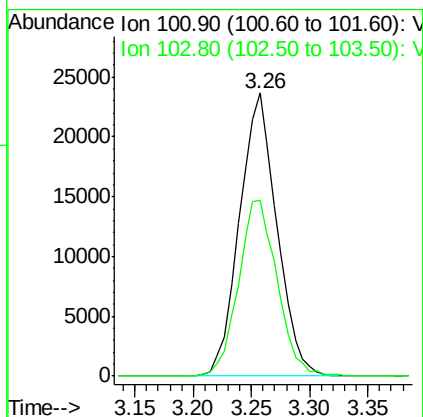
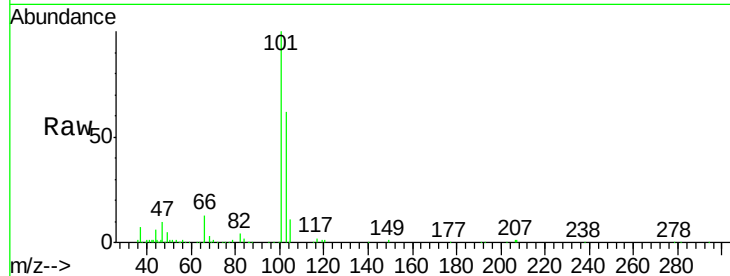
Trichlorofluoromethane
 Concen: 9.465 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. 0.00 min
 Lab File: VW008764.D
 Acq: 21 Feb 2019 11:22

Instrument :
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 ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
101	100		
103	62.0	53.9	80.9

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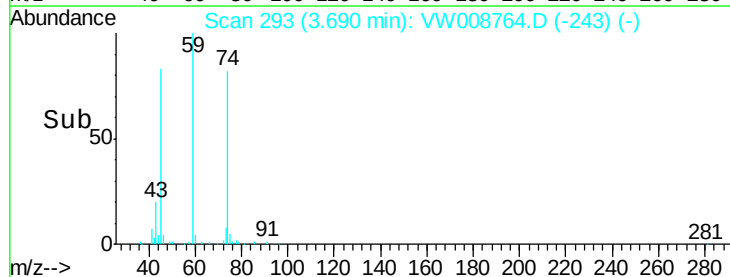
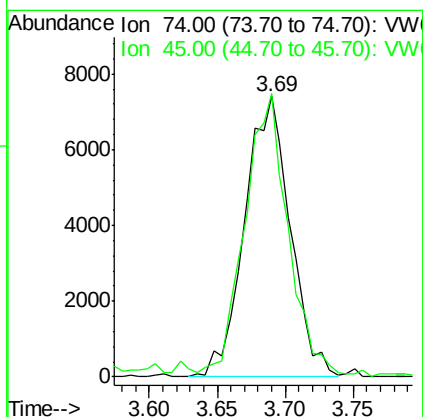
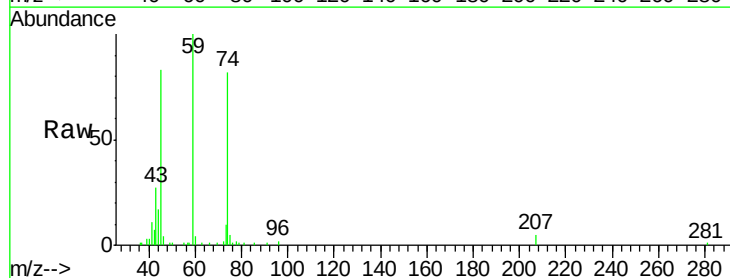
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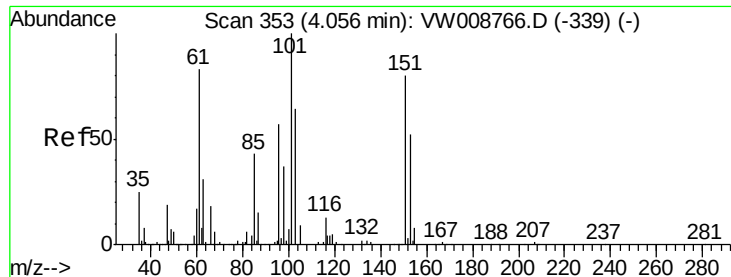


#8

Diethyl Ether
 Concen: 9.825 ug/l
 RT: 3.69 min Scan# 293
 Delta R.T. 0.01 min
 Lab File: VW008764.D
 Acq: 21 Feb 2019 11:22

Tgt Ion	Ratio	Lower	Upper
74	100		
45	94.1	50.2	150.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 9.299 ug/l

RT: 4.06 min Scan# 353

Delta R.T. 0.00 min

Lab File: VW008764.D

Acq: 21 Feb 2019 11:22

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MSVOA_W

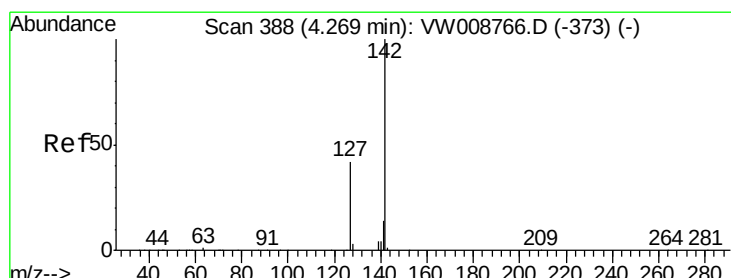
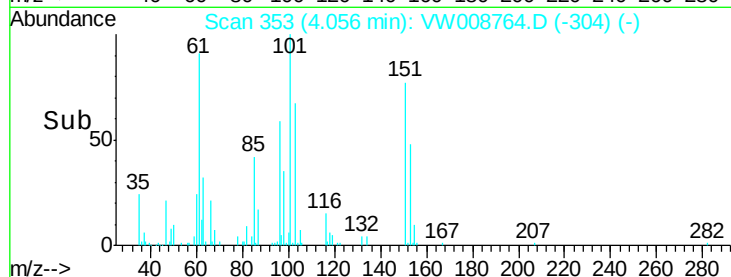
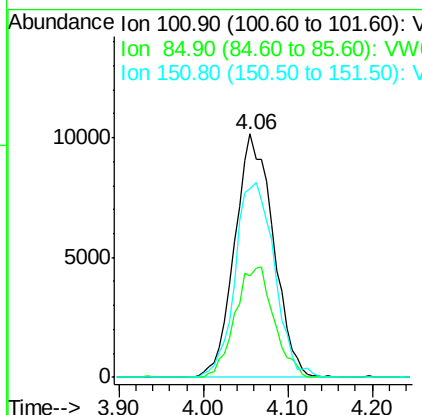
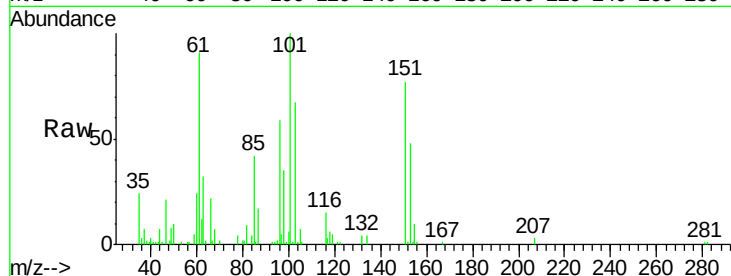
ClientSampled :

VSTDIC010

Tot Ion:	101	Resp:	31528
Ion Ratio	Lower	Upper	
101	100		
85	45.3	36.0	54.0
151	81.3	65.5	98.3

Manual Integrations
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#10

Methyl Iodide

Concen: 8.876 ug/l

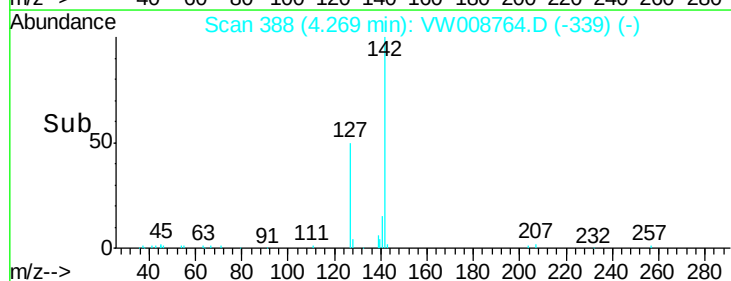
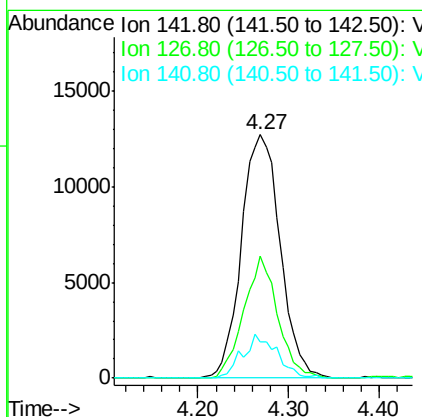
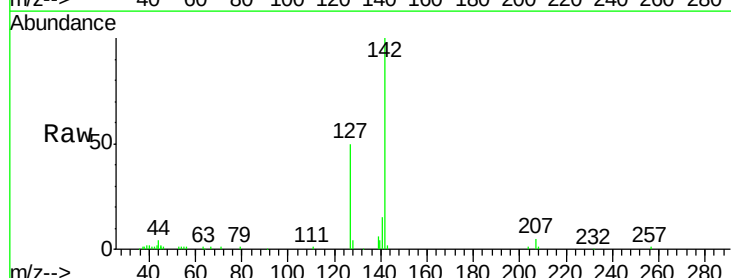
RT: 4.27 min Scan# 388

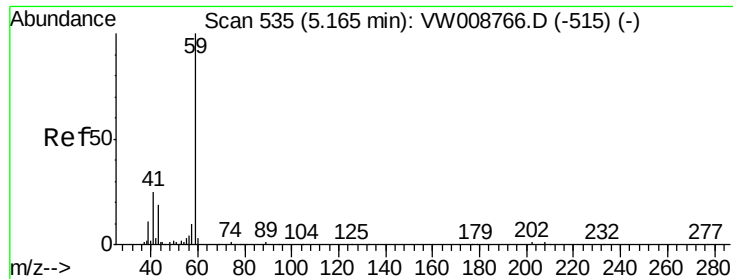
Delta R.T. 0.00 min

Lab File: VW008764.D

Acq: 21 Feb 2019 11:22

Tgt Ion:	142	Resp:	37631
Ion Ratio	Lower	Upper	
142	100		
127	44.0	35.3	52.9
141	16.0	11.7	17.5





#11

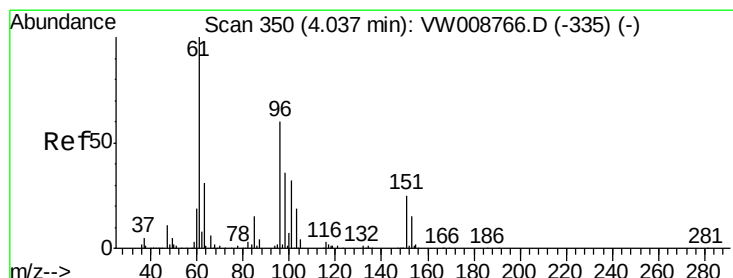
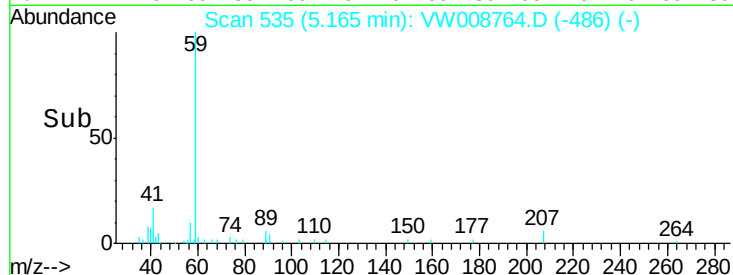
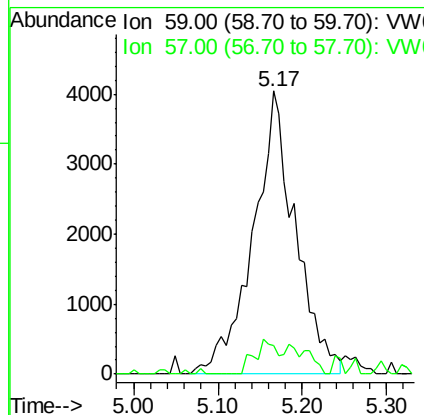
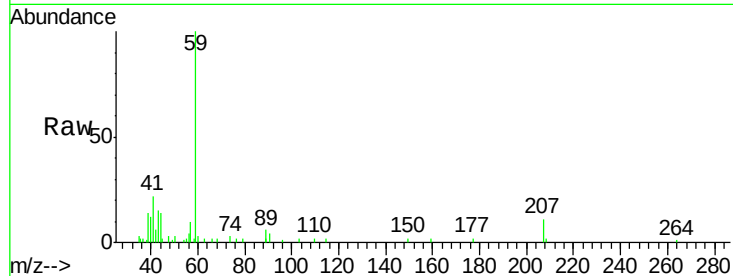
Tert butyl alcohol
Concen: 49.846 ug/l
RT: 5.17 min Scan# 535
Delta R.T. 0.00 min
Lab File: VW008764.D
Acq: 21 Feb 2019 11:22

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
59	100		
57	6.2	9.3	13.9#

Manual Integrations
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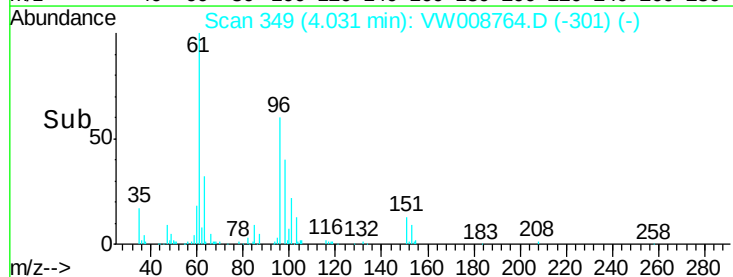
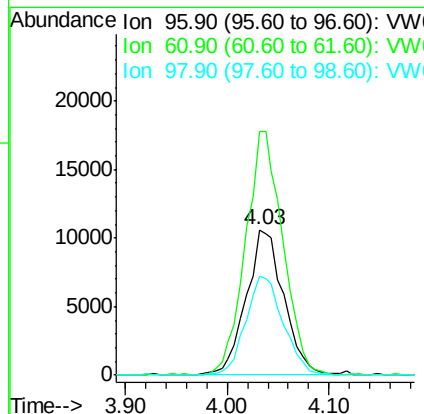
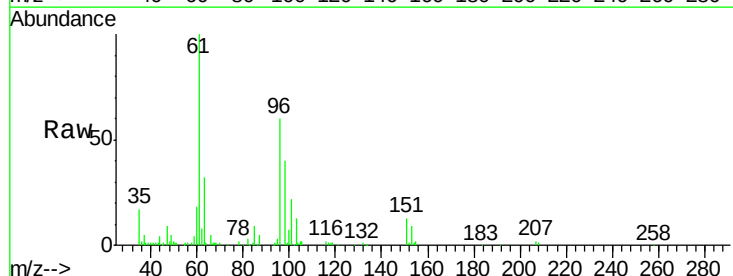
MMDadoda
2/22/2019 12:25:02 PM

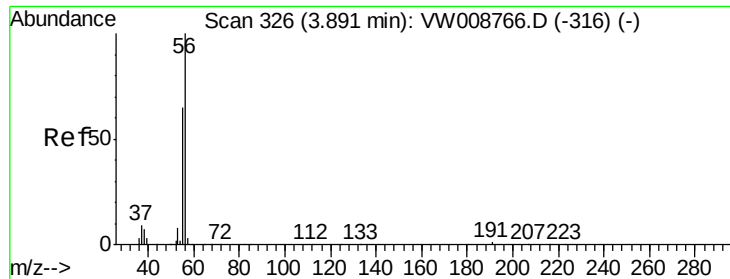


#12

1,1-Dichloroethene
Concen: 9.117 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW008764.D
Acq: 21 Feb 2019 11:22

Tgt Ion	Ratio	Lower	Upper
96	100		
61	167.2	132.5	198.7
98	67.6	48.2	72.4





#13

Acrolein

Concen: 41.761 ug/l

RT: 3.89 min Scan# 326

Delta R.T. 0.00 min

Lab File: VW008764.D

Acq: 21 Feb 2019 11:22

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tot Ion: 56 Resp: 11277

Ion Ratio Lower Upper

56 100

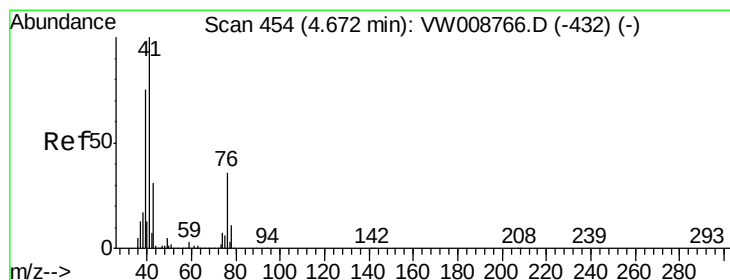
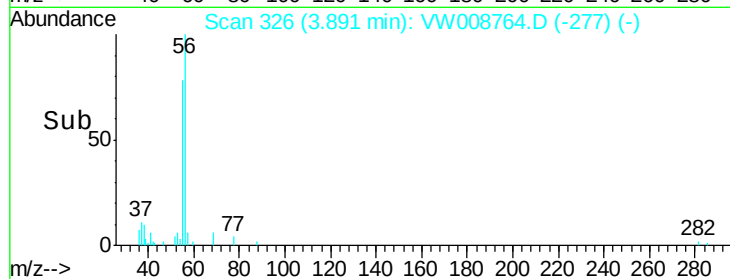
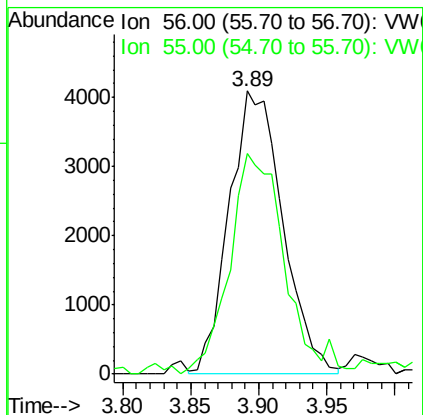
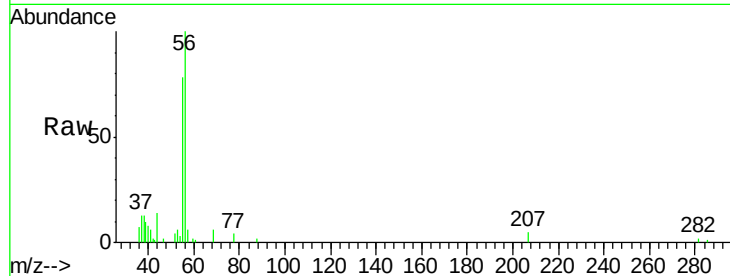
55 79.5 56.9 85.3

Manual Integrations

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#14

Allyl chloride

Concen: 9.435 ug/l

RT: 4.67 min Scan# 454

Delta R.T. 0.00 min

Lab File: VW008764.D

Acq: 21 Feb 2019 11:22

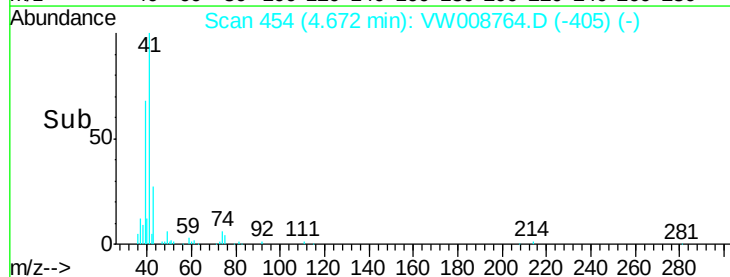
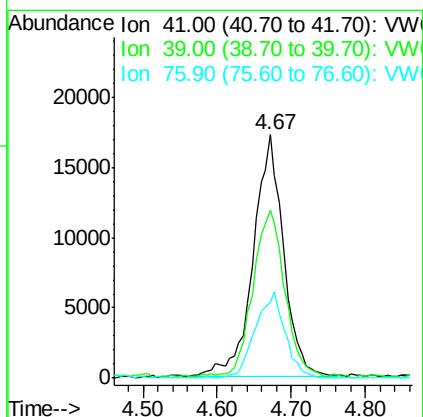
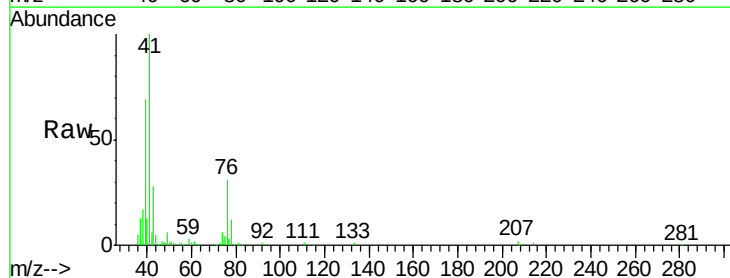
Tgt Ion: 41 Resp: 48761

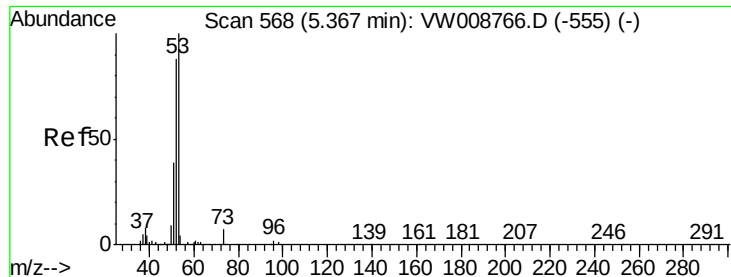
Ion Ratio Lower Upper

41 100

39 73.8 60.6 91.0

76 35.2 28.6 42.8





#15

Acrylonitrile

Concen: 47.733 ug/l

RT: 5.37 min Scan# 569

Delta R.T. 0.01 min

Lab File: VW008764.D

Acq: 21 Feb 2019 11:22

Instrument :

MSVOA_W

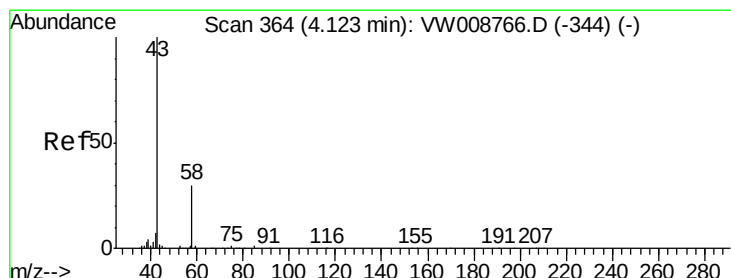
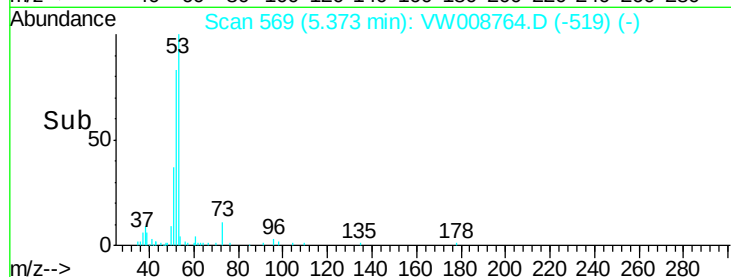
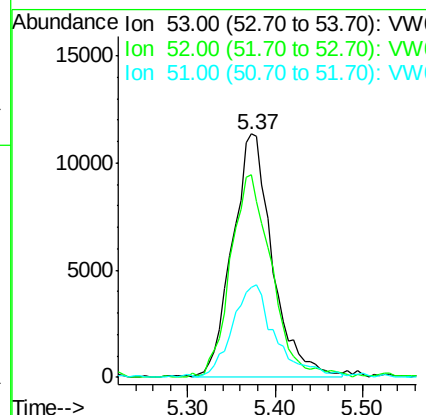
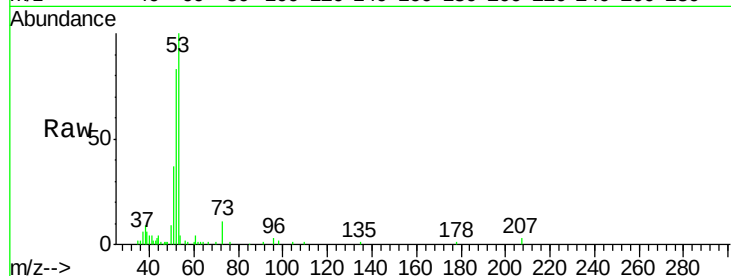
ClientSampleId :

VSTDIC010

Tot Ion:	53	Resp:	36210
Ion	Ratio	Lower	Upper
53	100		
52	85.6	67.2	100.8
51	40.9	31.1	46.7

Manual Integrations
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#16

Acetone

Concen: 47.555 ug/l

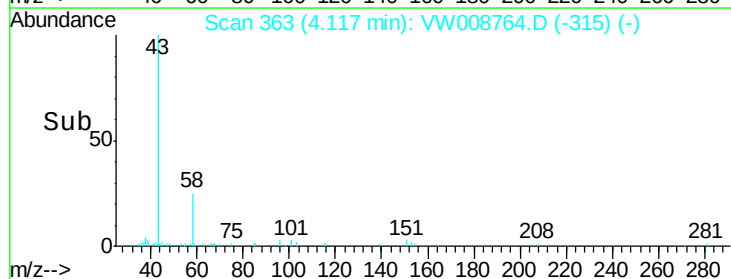
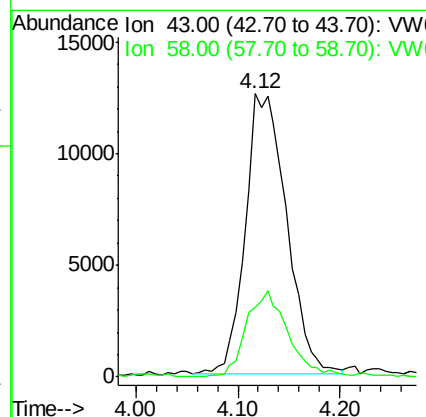
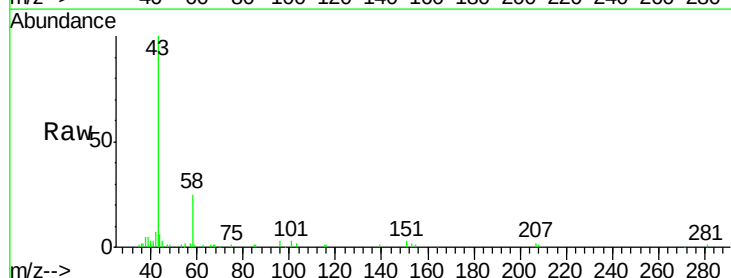
RT: 4.12 min Scan# 363

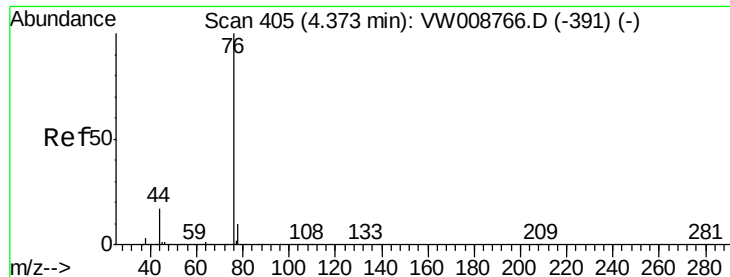
Delta R.T. -0.01 min

Lab File: VW008764.D

Acq: 21 Feb 2019 11:22

Tgt Ion:	43	Resp:	35356
Ion	Ratio	Lower	Upper
43	100		
58	24.9	23.8	35.6





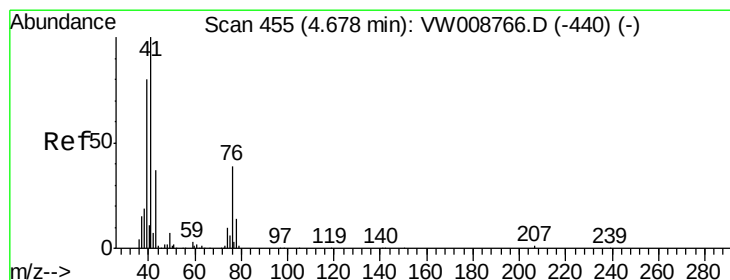
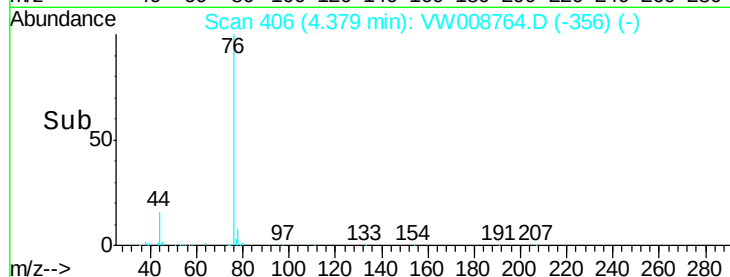
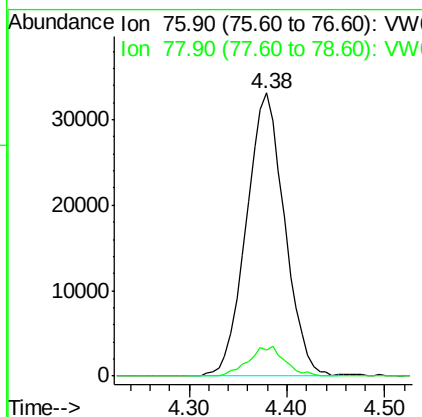
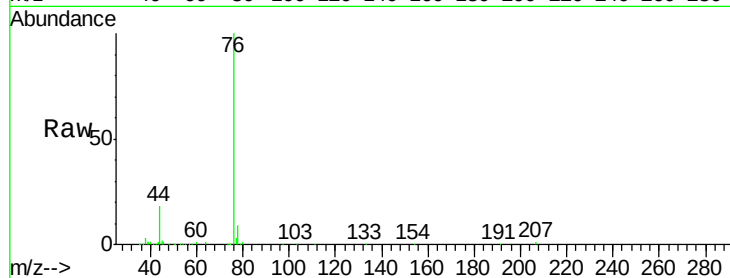
#17
Carbon Disulfide
Concen: 9.055 ug/l
RT: 4.38 min Scan# 406
Delta R.T. 0.01 min
Lab File: VW008764.D
Acq: 21 Feb 2019 11:22

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.8	11.8

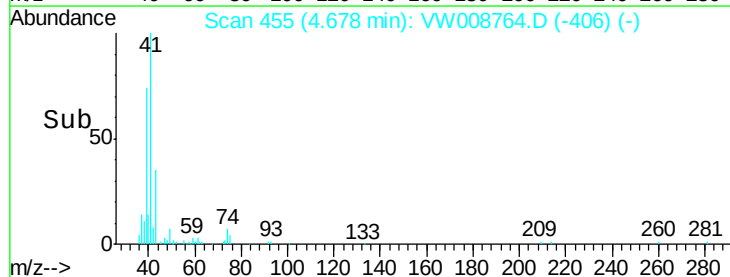
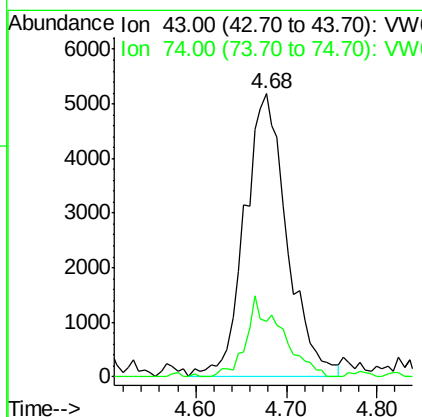
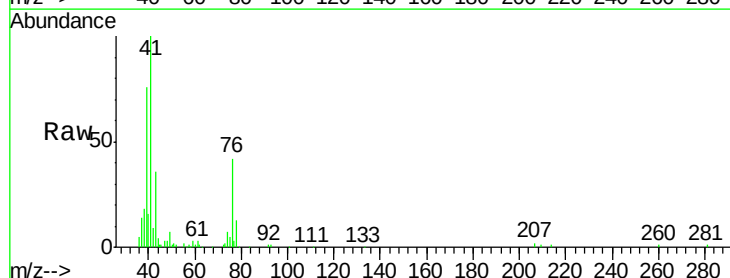
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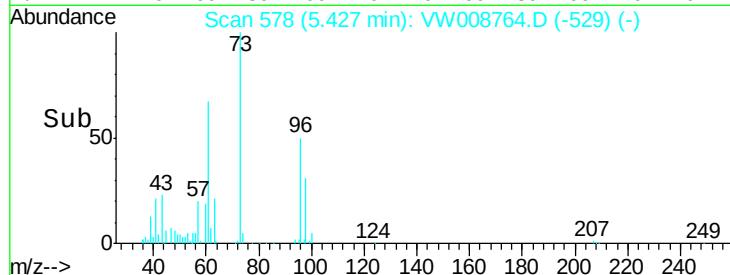
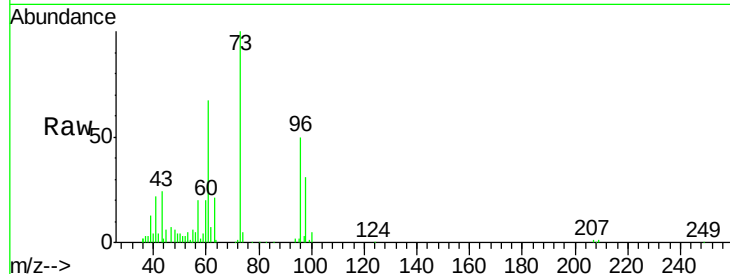
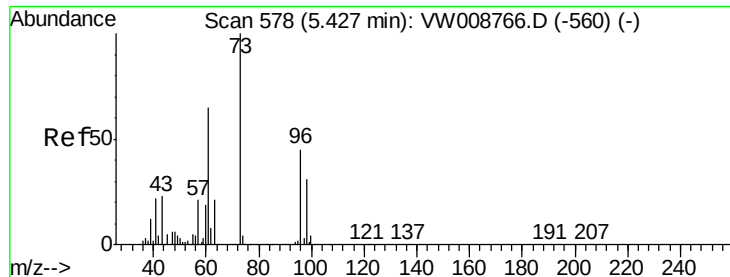
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#18
Methyl Acetate
Concen: 9.566 ug/l
RT: 4.68 min Scan# 455
Delta R.T. 0.00 min
Lab File: VW008764.D
Acq: 21 Feb 2019 11:22

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.8	19.4	29.2





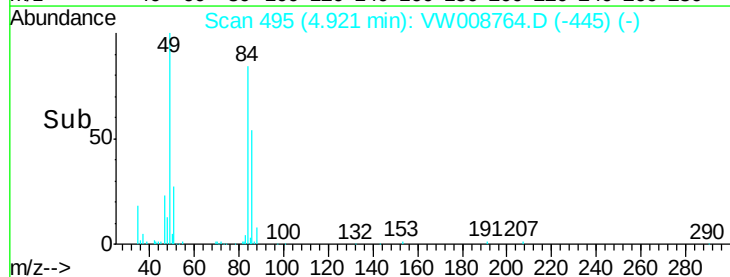
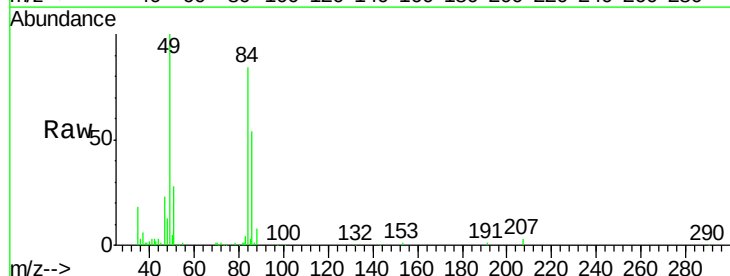
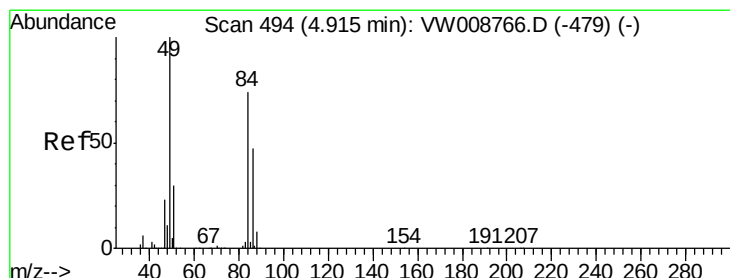
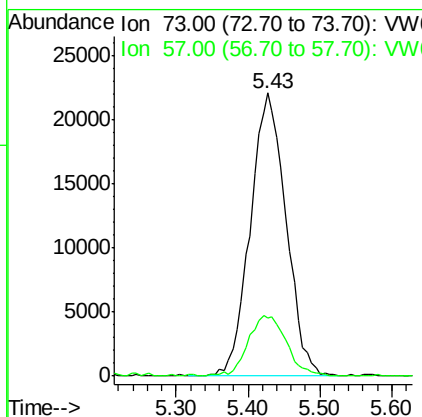
#19
Methyl tert-butyl Ether
Concen: 9.376 ug/l
RT: 5.43 min Scan# 578
Delta R.T. 0.00 min
Lab File: VW008764.D
Acq: 21 Feb 2019 11:22

Tot Ion: 73 Resp: 75993
Ion Ratio Lower Upper
73 100
57 20.3 16.8 25.2

Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

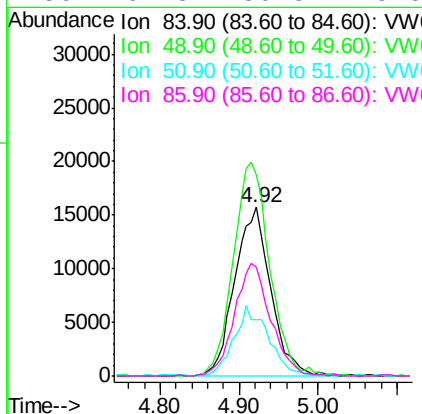
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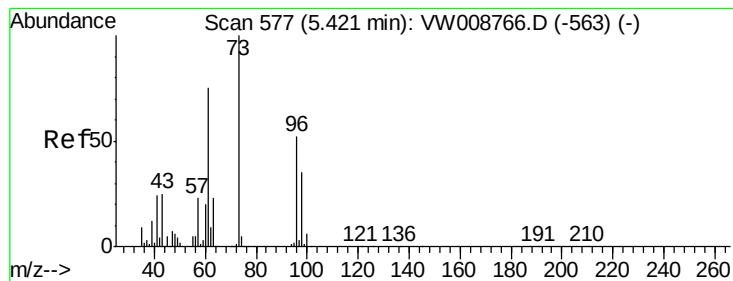
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#20
Methylene Chloride
Concen: 11.350 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW008764.D
Acq: 21 Feb 2019 11:22

Tgt Ion: 84 Resp: 49752
Ion Ratio Lower Upper
84 100
49 119.1 108.2 162.2
51 32.9 32.7 49.1
86 64.3 50.3 75.5





#21

trans-1,2-Dichloroethene

Concen: 9.485 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.00 min

Lab File: VW008764.D

Acq: 21 Feb 2019 11:22

Instrument :

MSVOA_W

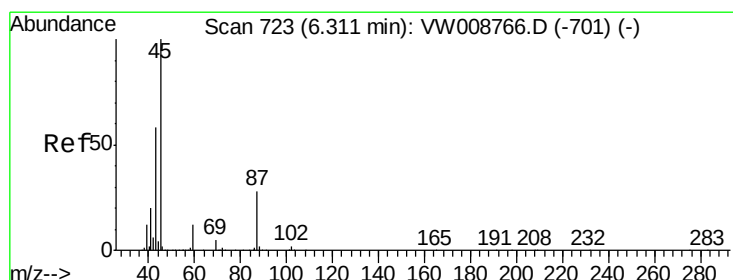
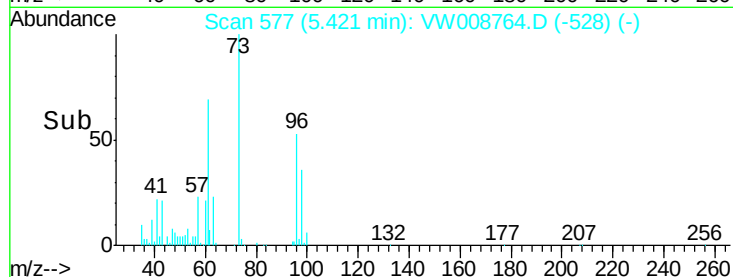
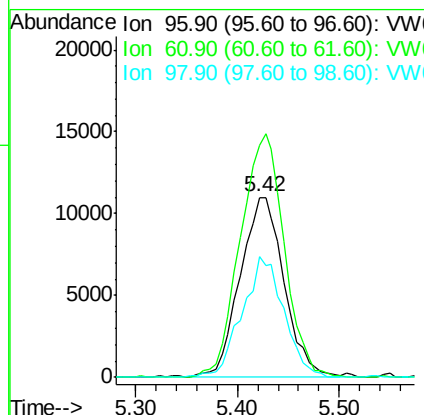
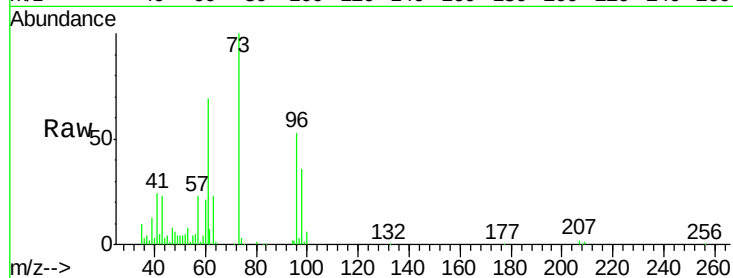
ClientSampleId :

VSTDIC010

Tot Ion:	96	Resp:	32852
Ion Ratio	Lower	Upper	
96	100		
61	129.1	114.6	171.8
98	66.8	54.0	81.0

Manual Integrations
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#22

Diisopropyl ether

Concen: 9.403 ug/l

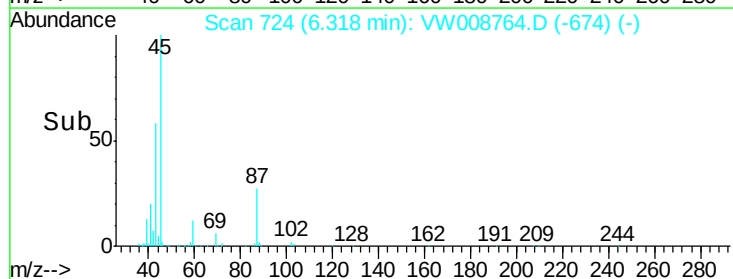
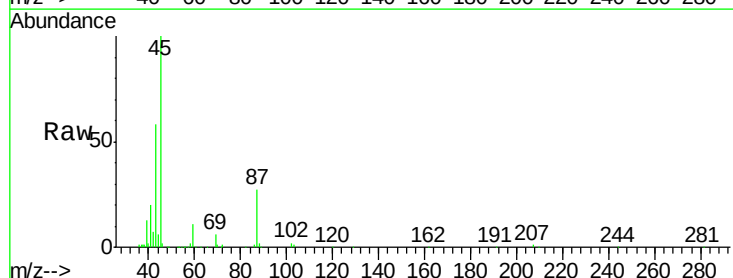
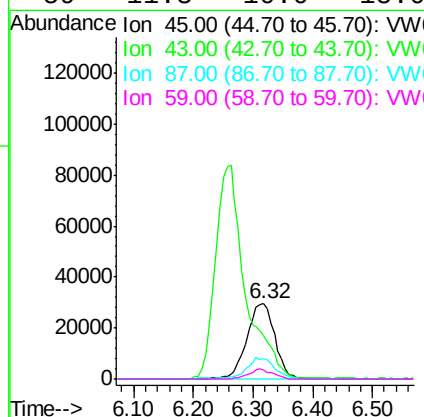
RT: 6.32 min Scan# 724

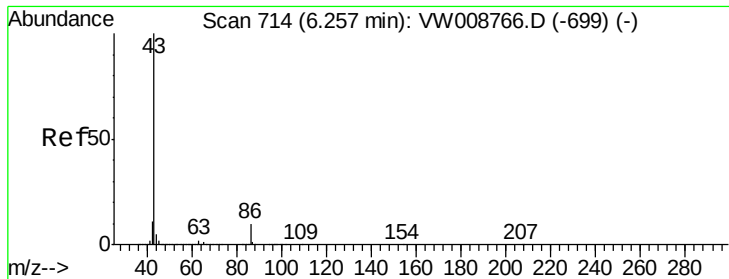
Delta R.T. 0.01 min

Lab File: VW008764.D

Acq: 21 Feb 2019 11:22

Tgt Ion:	45	Resp:	96933
Ion Ratio	Lower	Upper	
45	100		
43	57.7	46.1	69.1
87	26.7	22.2	33.4
59	11.3	10.0	15.0





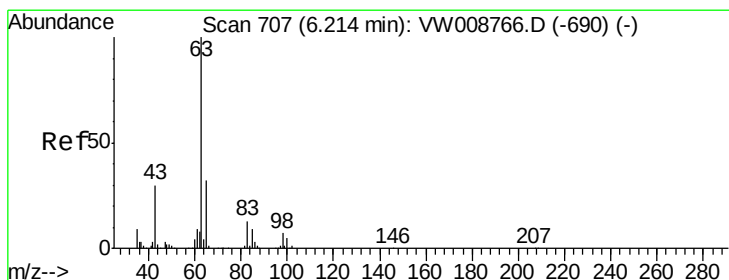
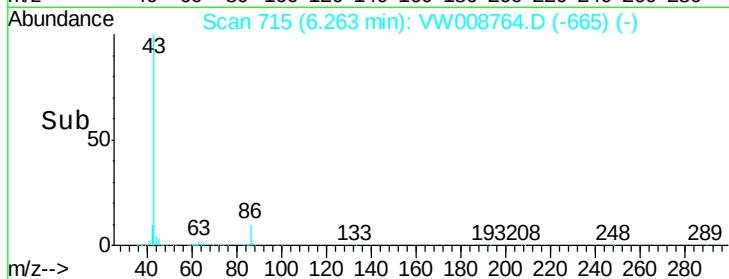
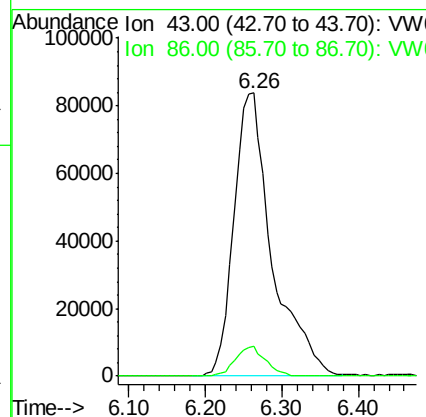
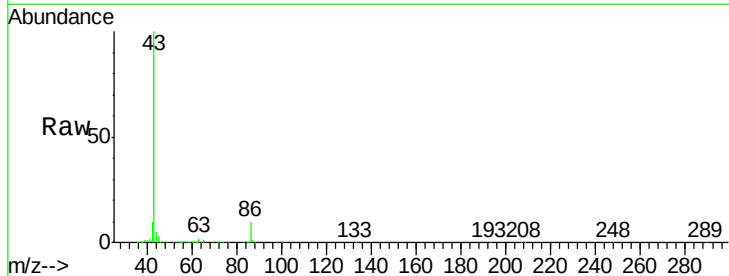
#23
 Vinyl Acetate
 Concen: 45.560 ug/l
 RT: 6.26 min Scan# 715
 Delta R.T. 0.01 min
 Lab File: VW008764.D
 Acq: 21 Feb 2019 11:22

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
43	100	290193		
86	10.5		8.1	12.1

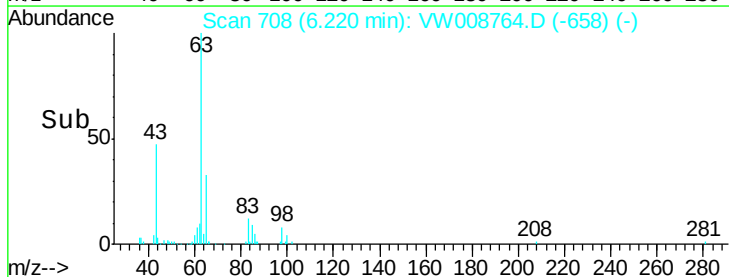
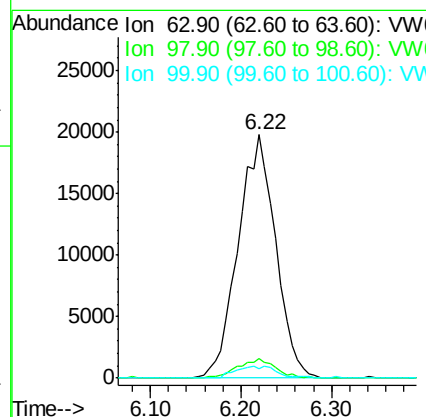
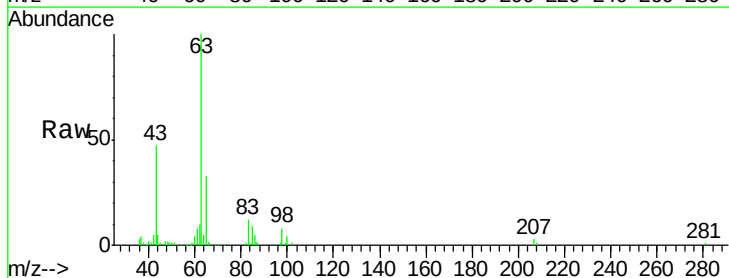
Manual Integrations
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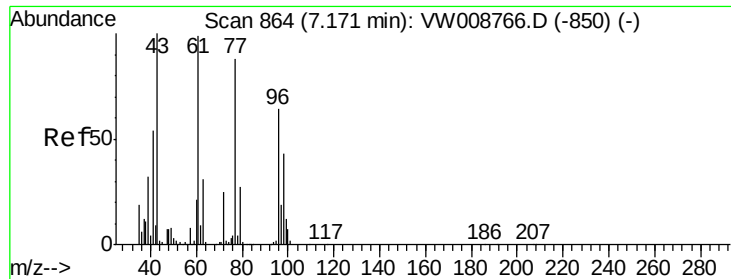
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 2/22/2019 12:25:02 PM



#24
 1,1-Dichloroethane
 Concen: 9.503 ug/l
 RT: 6.22 min Scan# 708
 Delta R.T. 0.01 min
 Lab File: VW008764.D
 Acq: 21 Feb 2019 11:22

Tgt Ion	Ratio	Resp	Lower	Upper
63	100	56767		
98	7.9		3.5	10.6
100	3.8		2.4	7.2





#25

2-Butanone

Concen: 47.079 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW008764.D

Acq: 21 Feb 2019 11:22

Instrument :

MSVOA_W

ClientSampled :

VSTDIC010

Tot Ion: 43 Resp: 48935

Ion Ratio Lower Upper

43 100

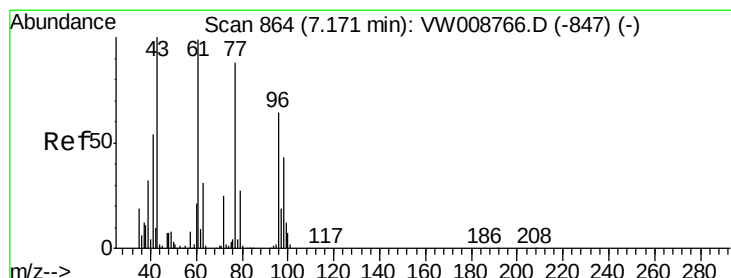
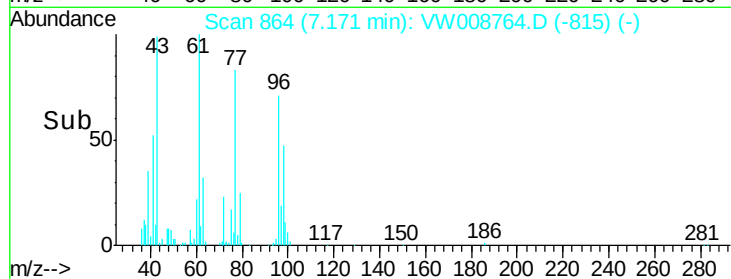
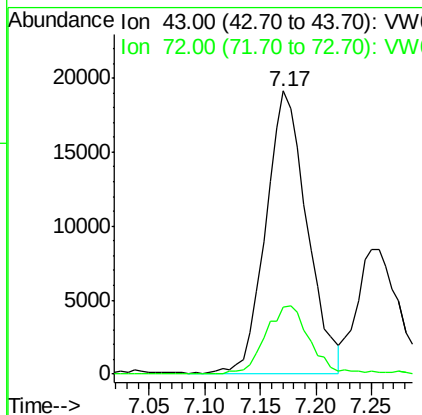
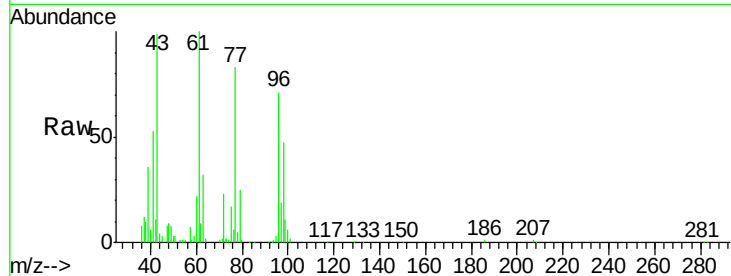
72 23.6 19.7 29.5

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 9.469 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW008764.D

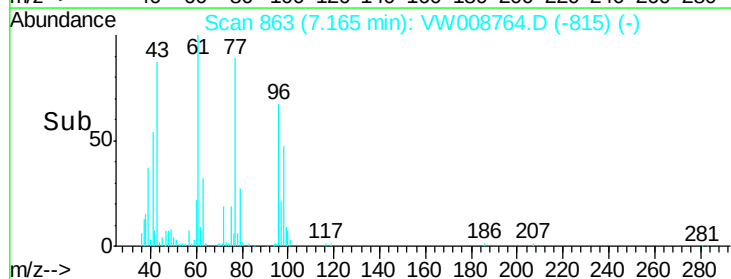
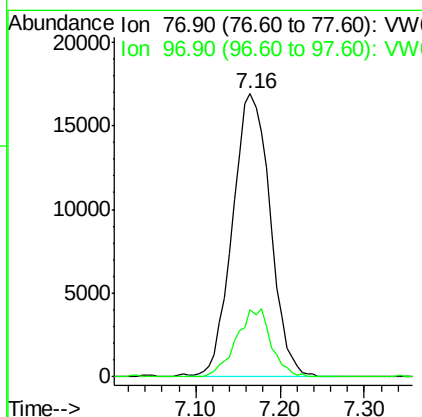
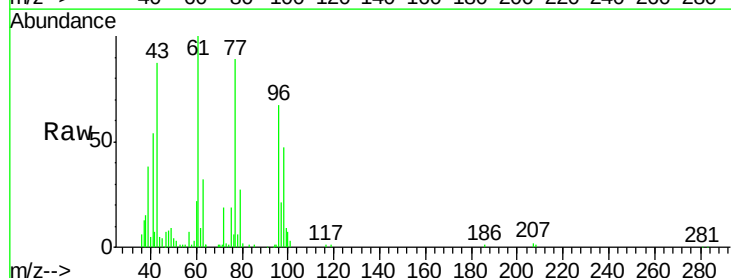
Acq: 21 Feb 2019 11:22

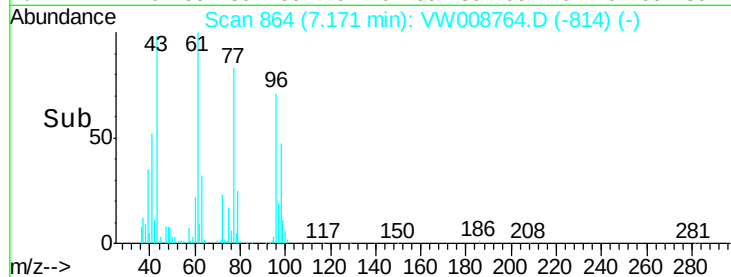
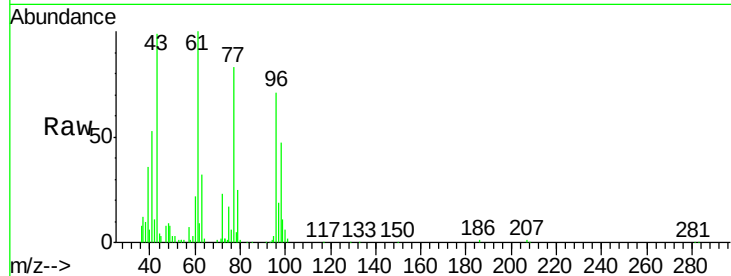
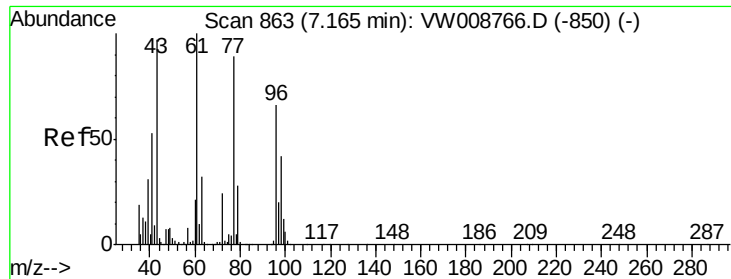
Tgt Ion: 77 Resp: 51358

Ion Ratio Lower Upper

77 100

97 22.0 11.0 33.0





#27

cis-1,2-Dichloroethene

Concen: 9.515 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW008764.D

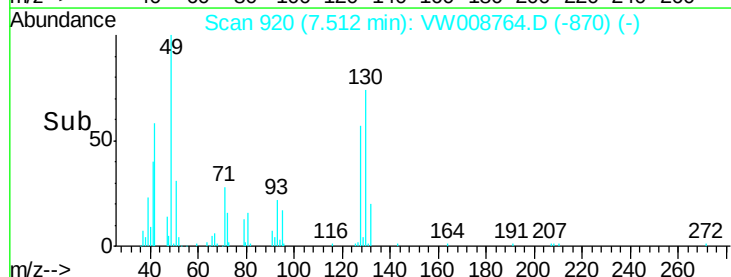
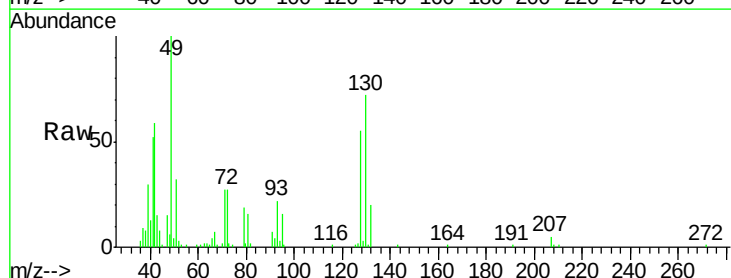
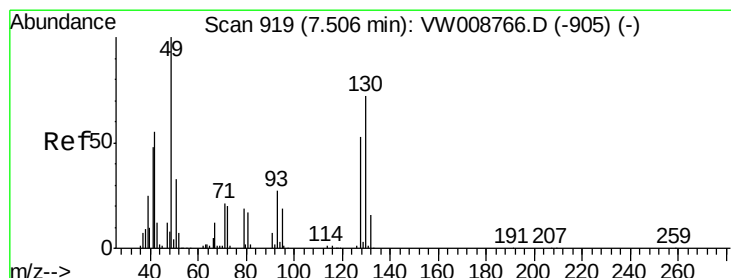
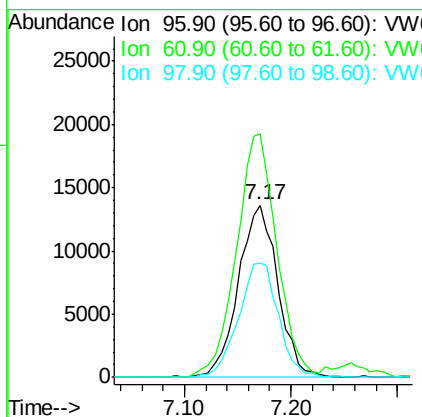
Acq: 21 Feb 2019 11:22

Tot Ion:	96	Resp:	35252
Ion	Ratio	Lower	Upper
96	100		
61	145.5	0.0	302.6
98	67.5	0.0	130.0

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

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#28

Bromochloromethane

Concen: 9.216 ug/l

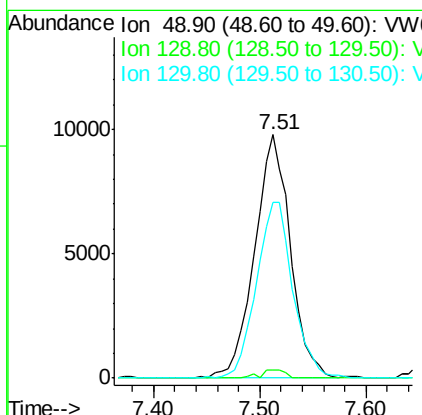
RT: 7.51 min Scan# 920

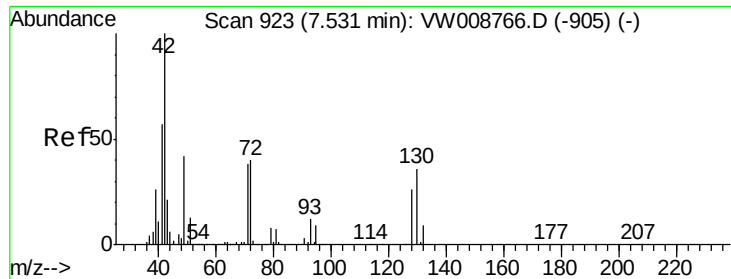
Delta R.T. 0.01 min

Lab File: VW008764.D

Acq: 21 Feb 2019 11:22

Tgt Ion:	49	Resp:	23038
Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	2.6
130	73.7	61.3	91.9





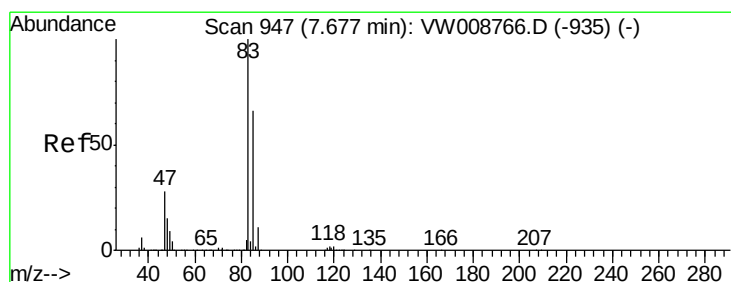
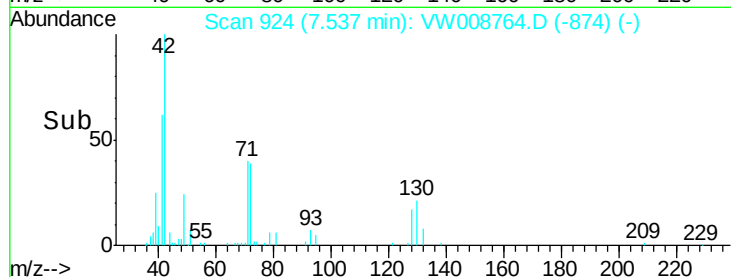
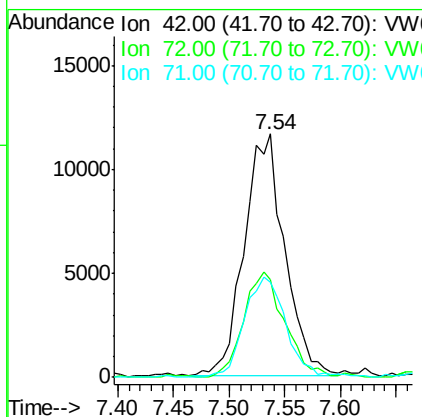
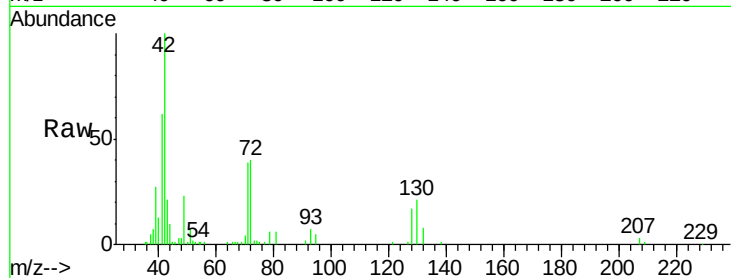
#29
Tetrahydrofuran
Concen: 44.294 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW008764.D
Acq: 21 Feb 2019 11:22

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.5	32.7	49.1
71	43.1	31.3	46.9

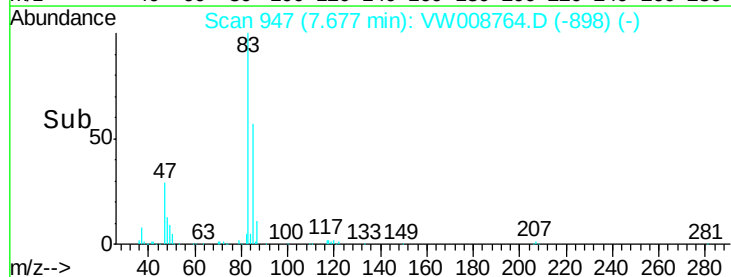
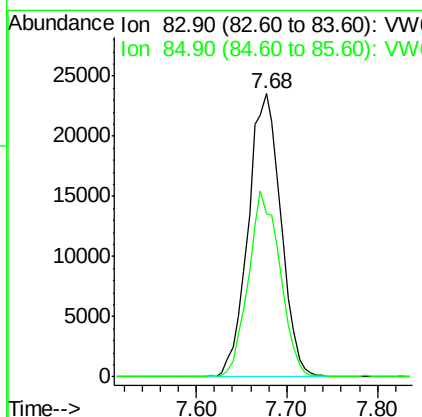
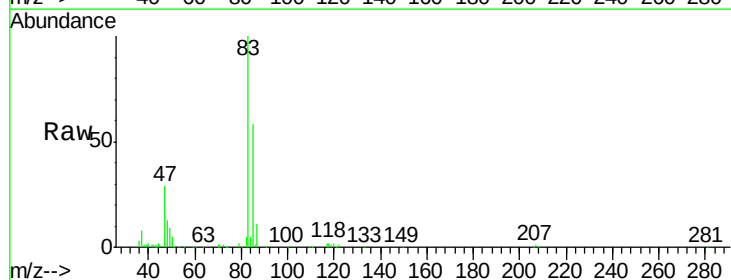
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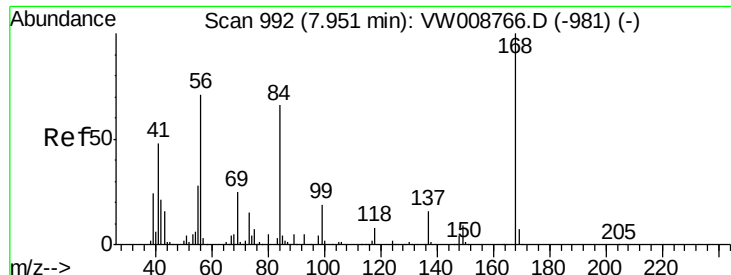
MMDadoda
2/22/2019 12:25:02 PM



#30
Chloroform
Concen: 9.590 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW008764.D
Acq: 21 Feb 2019 11:22

Tgt Ion	Ratio	Lower	Upper
83	100		
85	57.5	52.6	79.0





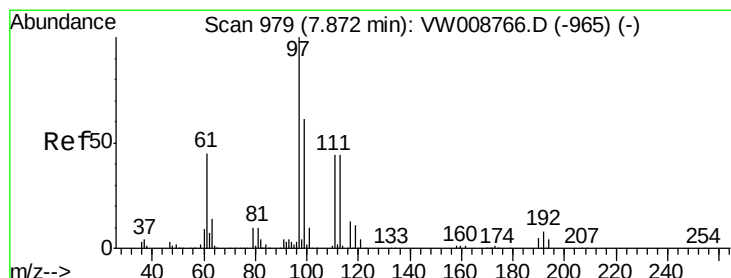
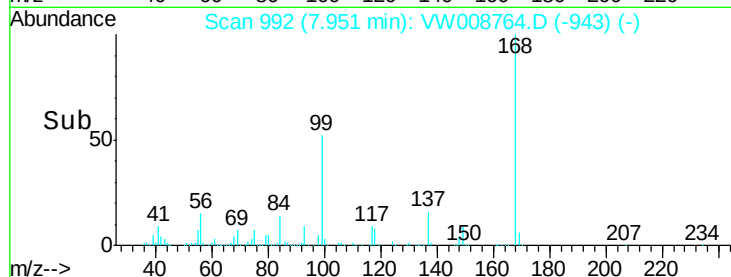
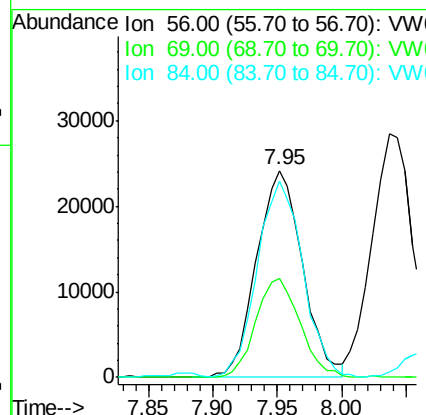
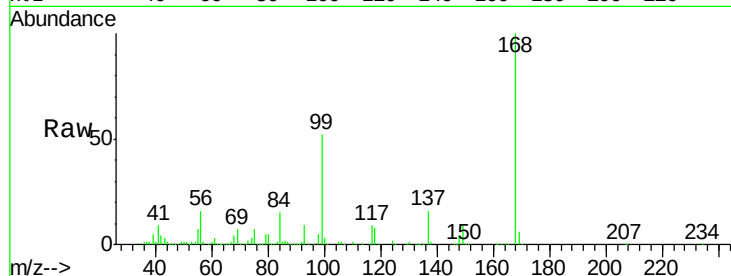
#31
Cyclohexane
Concen: 9.894 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW008764.D
Acq: 21 Feb 2019 11:22

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
56	100		
69	47.7	28.2	42.4#
84	93.2	74.1	111.1

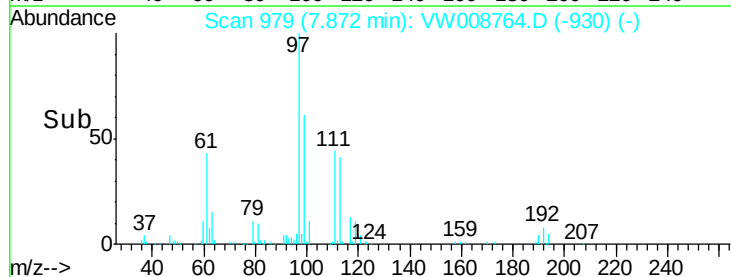
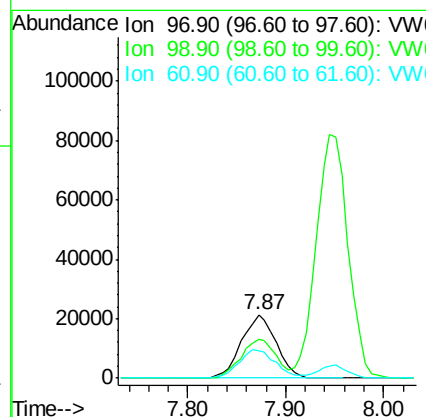
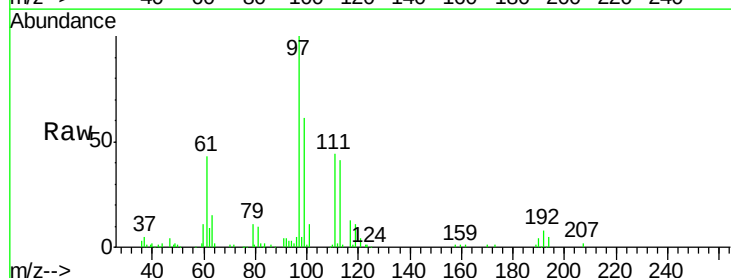
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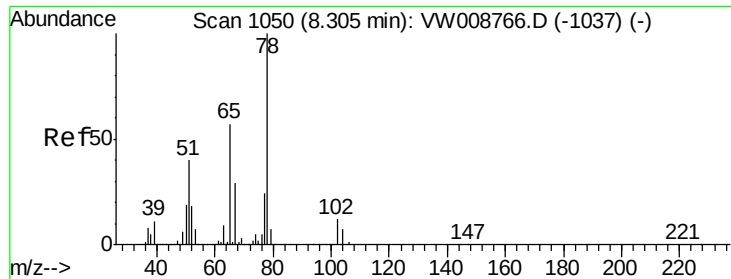
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#32
1,1,1-Trichloroethane
Concen: 9.411 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.00 min
Lab File: VW008764.D
Acq: 21 Feb 2019 11:22

Tgt Ion	Ratio	Lower	Upper
97	100		
99	62.3	50.8	76.2
61	46.6	36.0	54.0





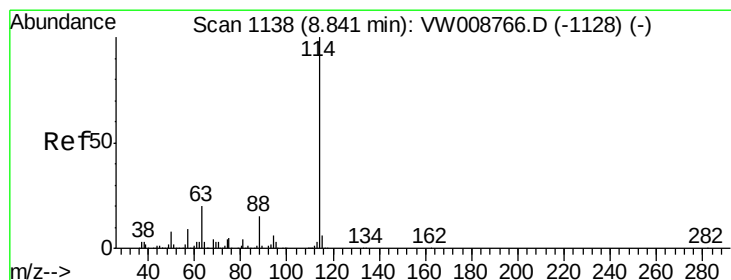
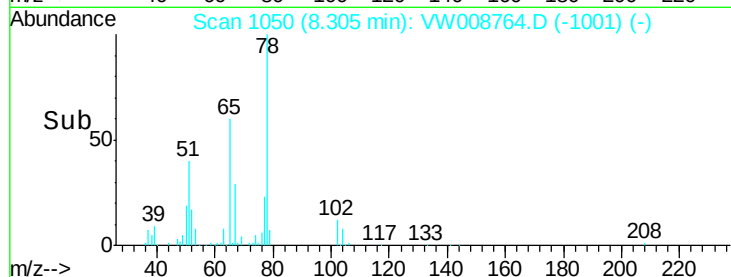
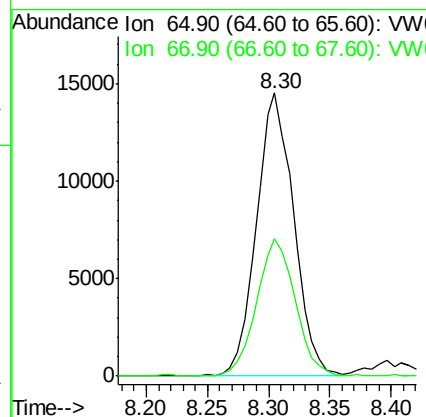
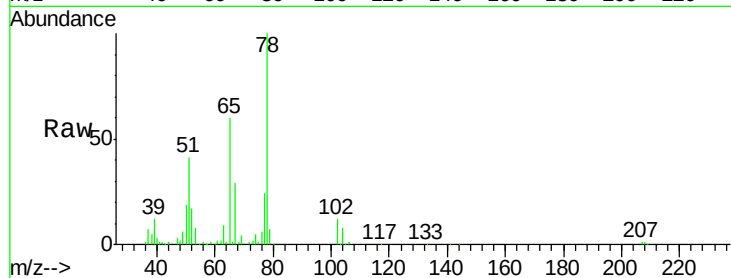
#33
 1,2-Dichloroethane-d4
 Concen: 9.598 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW008764.D
 Acq: 21 Feb 2019 11:22

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
65	100	30785		
67	50.3	0.0	101.4	

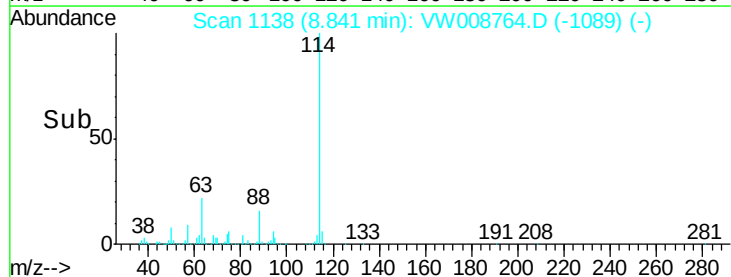
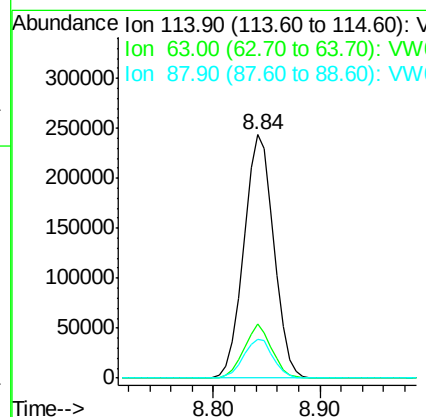
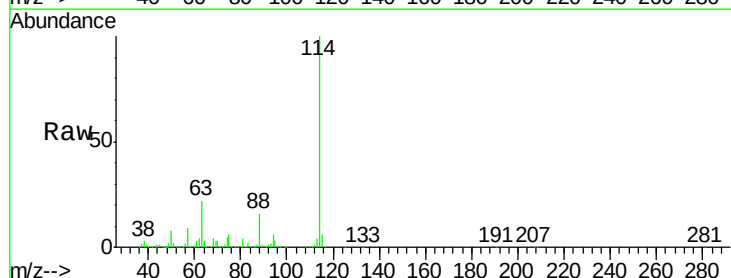
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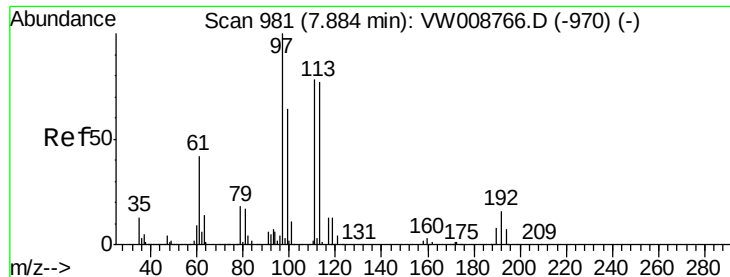
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW008764.D
 Acq: 21 Feb 2019 11:22

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	481202		
63	22.0	0.0	40.8	
88	15.7	0.0	30.4	





#35

Dibromofluoromethane

Concen: 9.409 ug/l

RT: 7.88 min Scan# 981

Delta R.T. 0.00 min

Lab File: VW008764.D

Acq: 21 Feb 2019 11:22

Instrument :

MSVOA_W

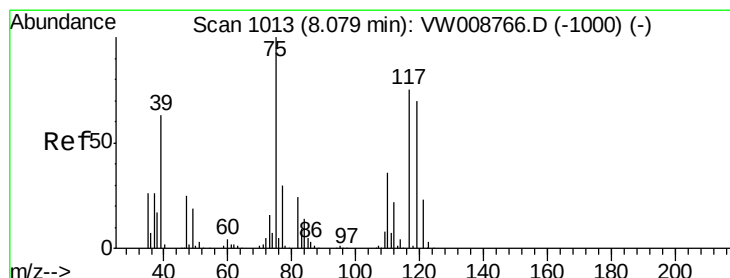
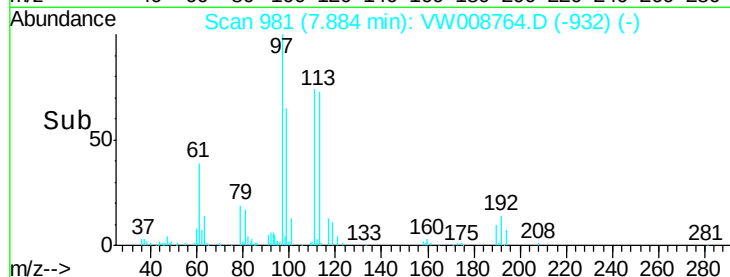
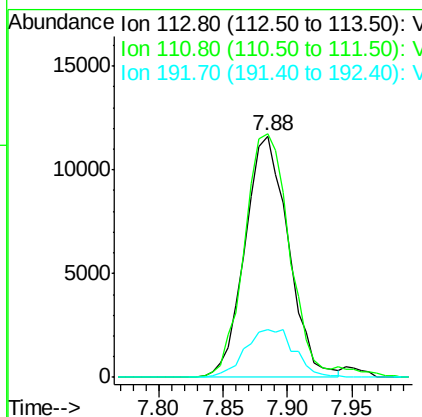
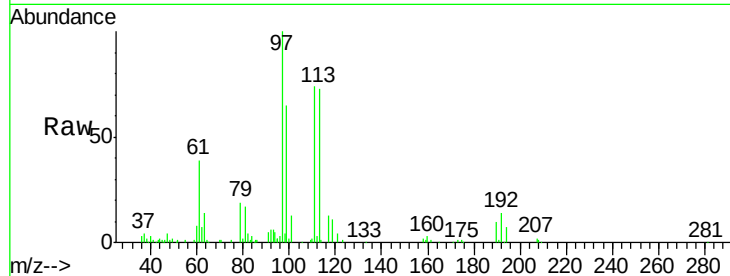
ClientSampleId :

VSTDIC010

Tot Ion:	113	Resp:	27184
Ion	Ratio	Lower	Upper
113	100		
111	104.1	81.9	122.9
192	22.7	17.1	25.7

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 9.685 ug/l

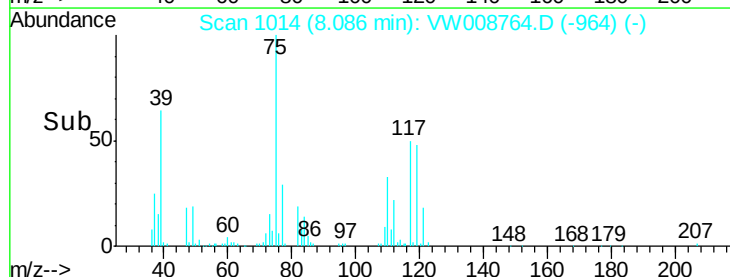
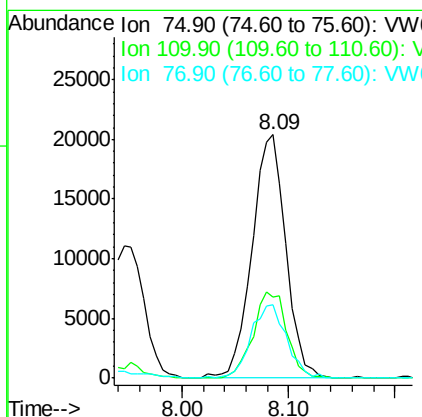
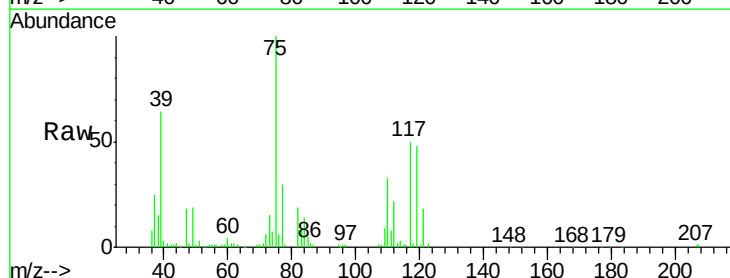
RT: 8.09 min Scan# 1014

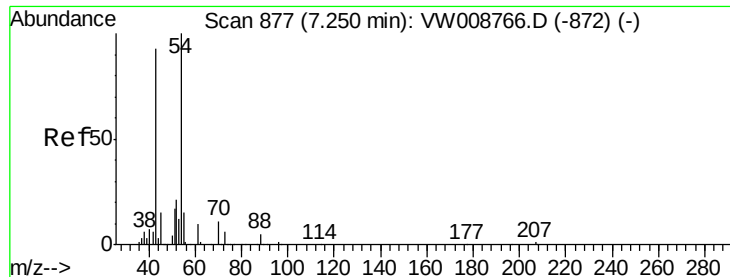
Delta R.T. 0.01 min

Lab File: VW008764.D

Acq: 21 Feb 2019 11:22

Tgt Ion:	75	Resp:	45367
Ion	Ratio	Lower	Upper
75	100		
110	35.3	17.5	52.6
77	31.6	24.5	36.7





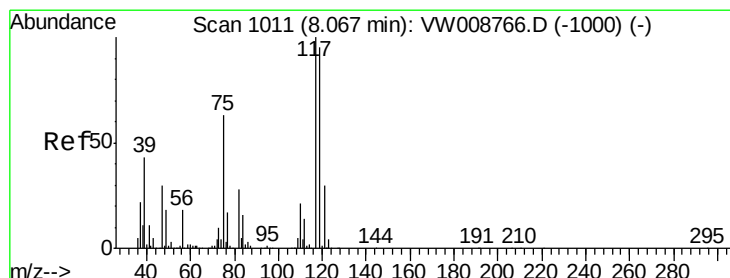
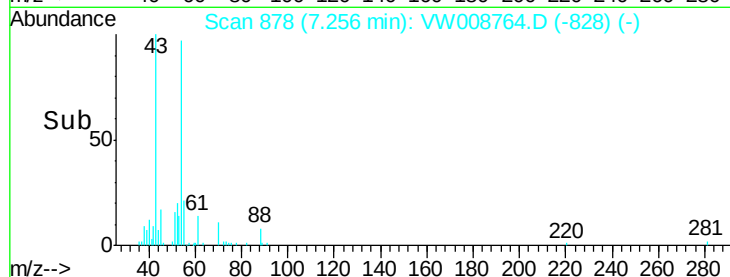
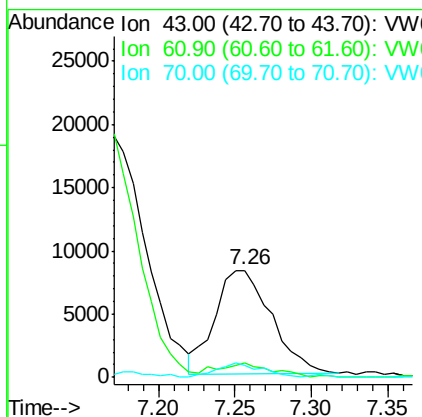
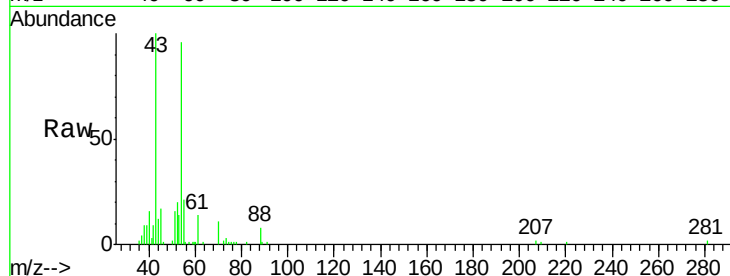
#37
Ethyl Acetate
Concen: 9.690 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.01 min
Lab File: VW008764.D
Acq: 21 Feb 2019 11:22

Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.6	9.8	14.8
70	11.0	8.4	12.6

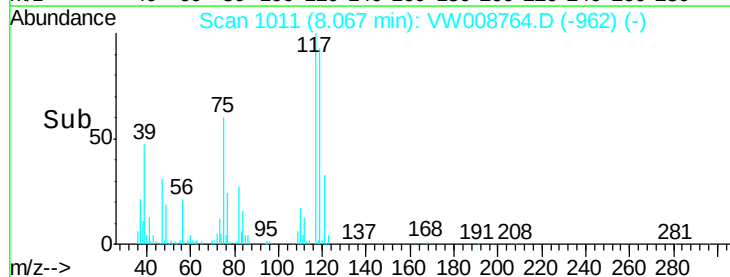
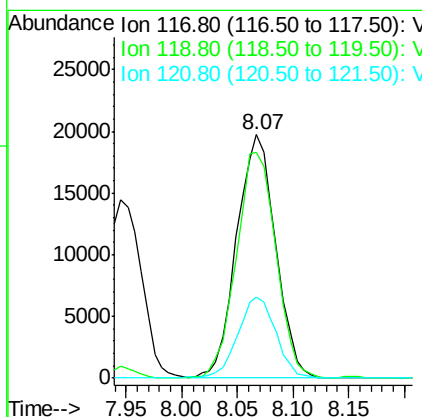
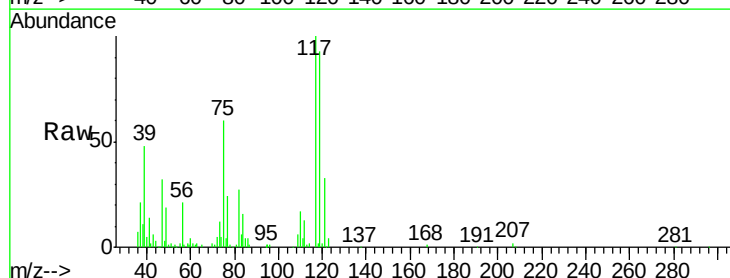
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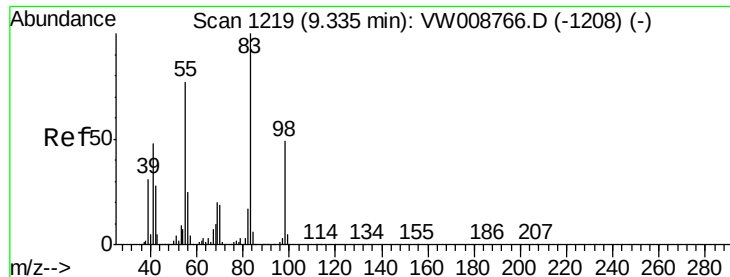
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#38
Carbon Tetrachloride
Concen: 9.705 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW008764.D
Acq: 21 Feb 2019 11:22

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.8	76.1	114.1
121	33.0	24.0	36.0





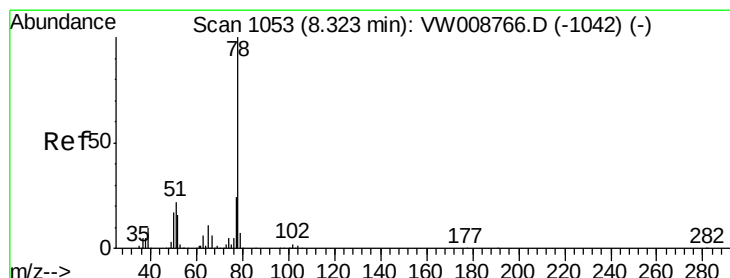
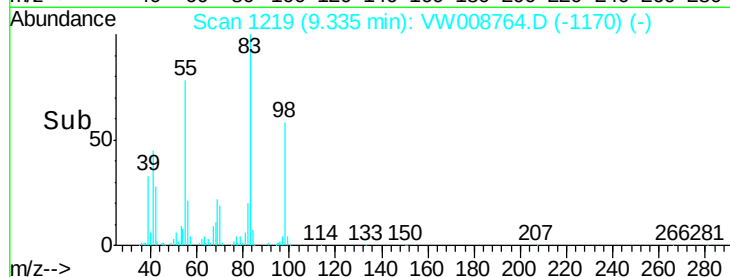
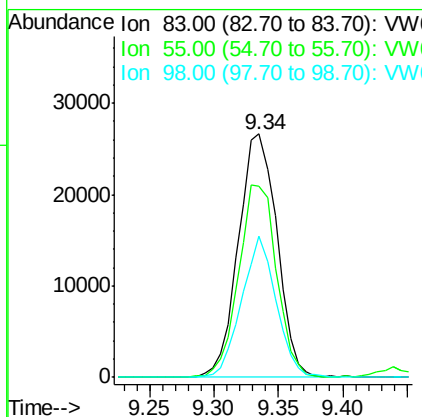
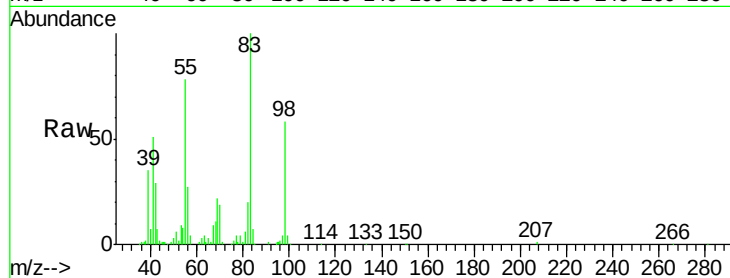
#39
Methylvlcyclohexane
Concen: 9.477 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW008764.D
Acq: 21 Feb 2019 11:22

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
83	100		
55	78.2	61.2	91.8
98	58.0	39.4	59.2

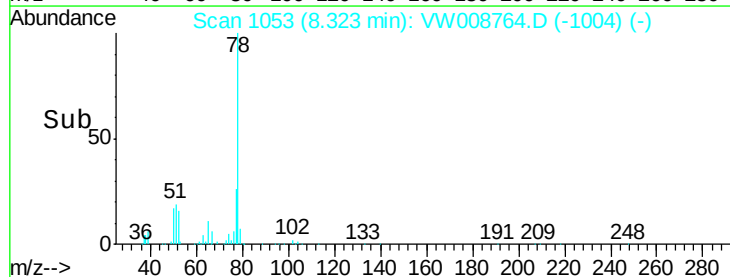
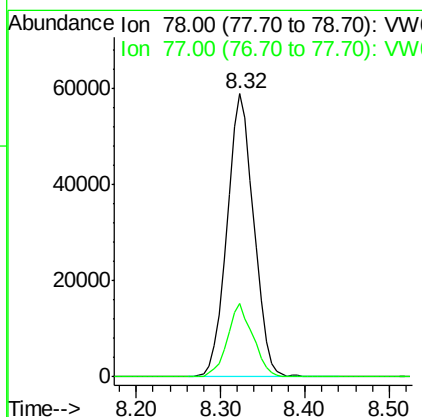
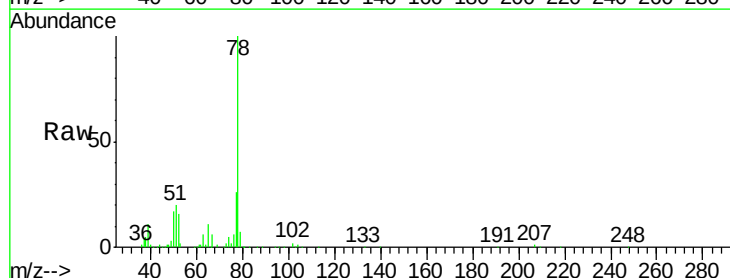
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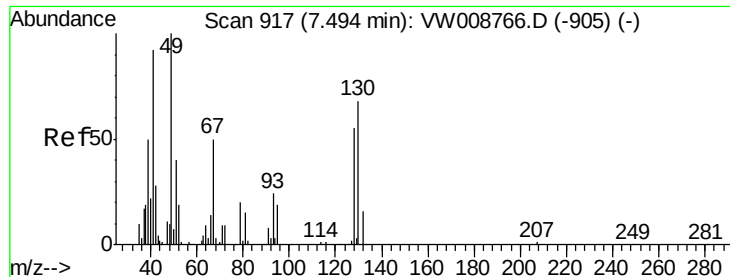
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#40
Benzene
Concen: 9.921 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW008764.D
Acq: 21 Feb 2019 11:22

Tgt Ion	Ratio	Lower	Upper
78	100		
77	25.7	19.3	28.9





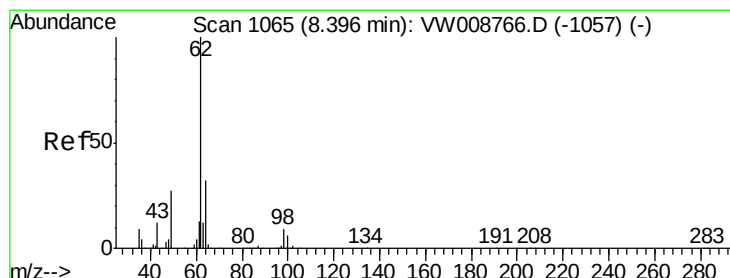
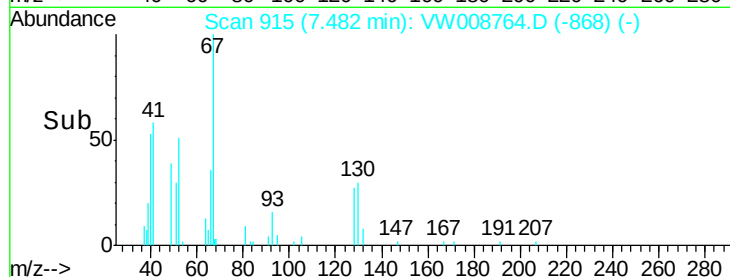
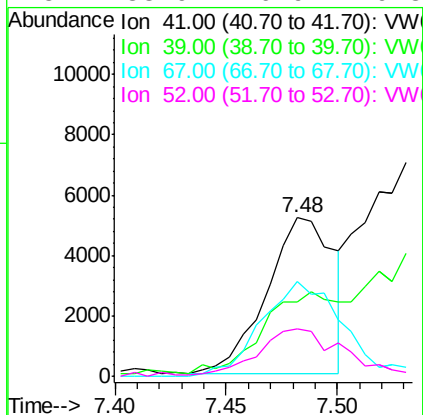
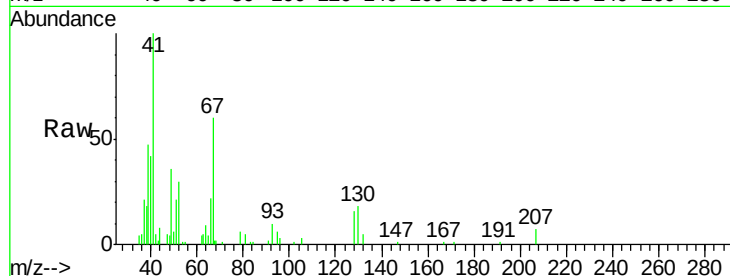
#41
Methacrylonitrile
Concen: 8.557 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.01 min
Lab File: VW008764.D
Acq: 21 Feb 2019 11:22

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	41	Resp	10956
Ion	Ratio	Lower	Upper
41	100		
39	65.0	52.5	78.7
67	72.8	55.0	82.6
52	38.9	26.9	40.3

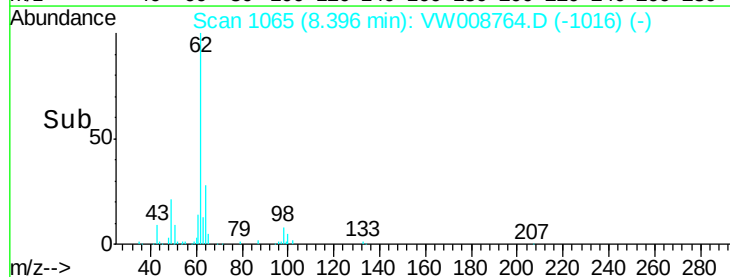
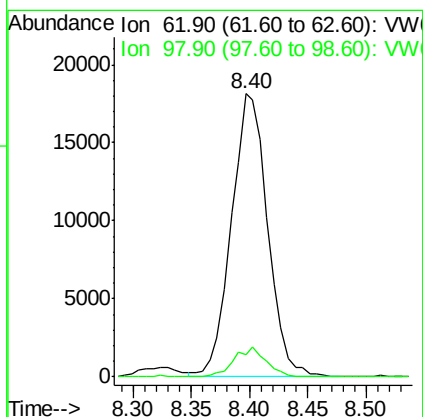
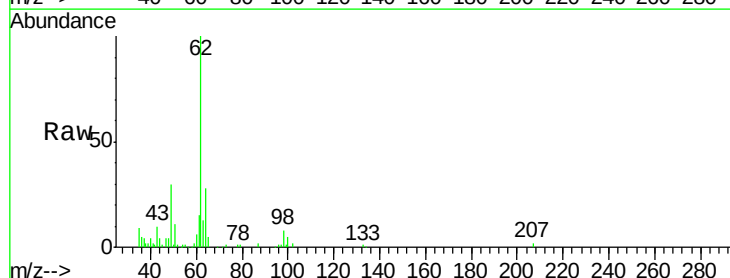
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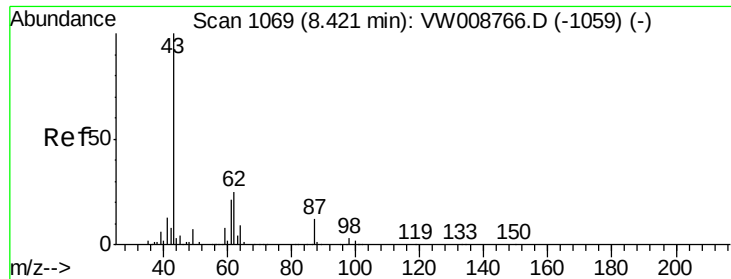
MMDadoda
2/22/2019 12:25:02 PM



#42
1,2-Dichloroethane
Concen: 9.692 ug/l
RT: 8.40 min Scan# 1065
Delta R.T. 0.00 min
Lab File: VW008764.D
Acq: 21 Feb 2019 11:22

Tgt Ion	62	Resp	39265
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	18.2





#43

Isopropyl Acetate

Concen: 9.626 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.01 min

Lab File: VW008764.D

Acq: 21 Feb 2019 11:22

Instrument :

MSVOA_W

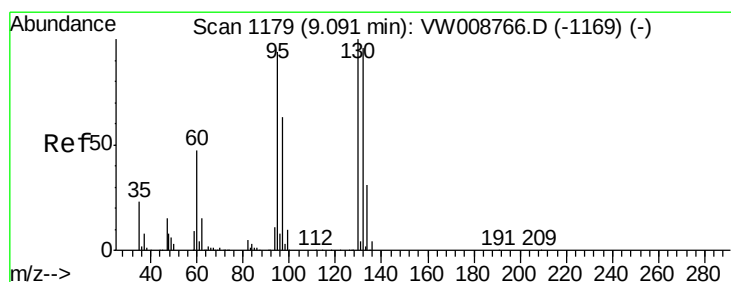
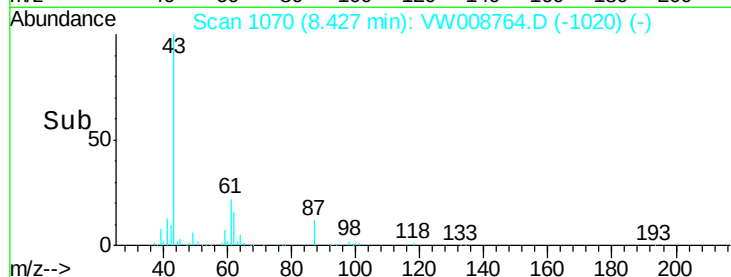
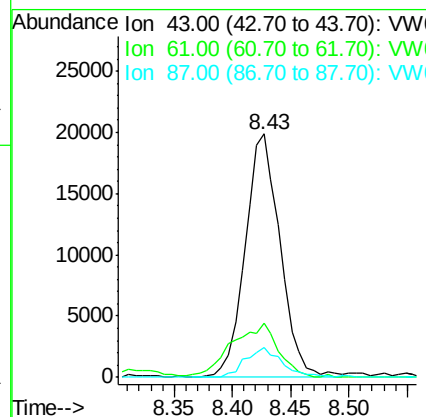
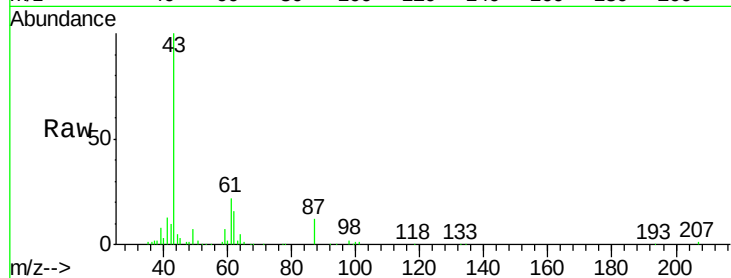
ClientSampled :

VSTDIC010

Tot Ion:	43	Resp:	41849
Ion	Ratio	Lower	Upper
43	100		
61	28.9	23.2	34.8
87	12.6	9.9	14.9

Manual Integrations
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#44

Trichloroethene

Concen: 9.865 ug/l

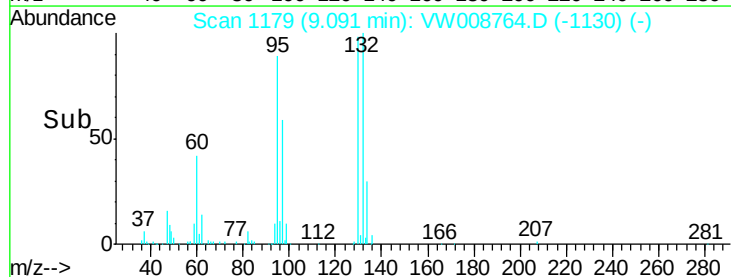
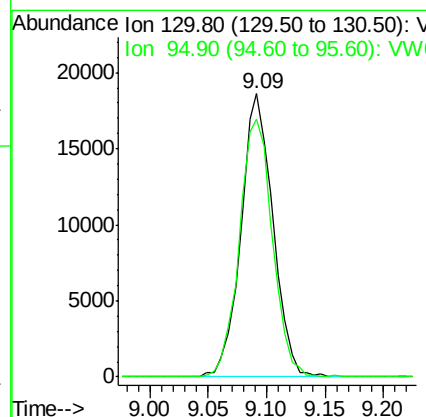
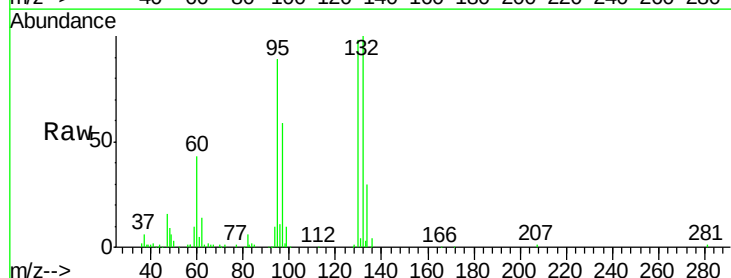
RT: 9.09 min Scan# 1179

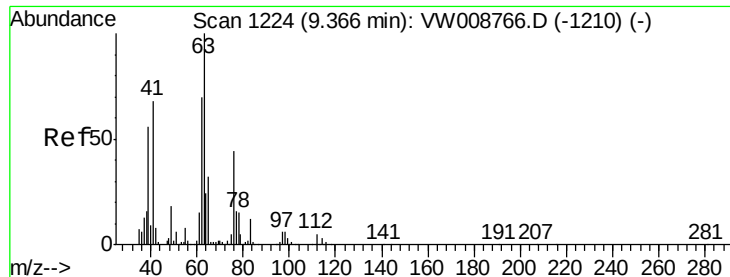
Delta R.T. 0.00 min

Lab File: VW008764.D

Acq: 21 Feb 2019 11:22

Tgt Ion:	130	Resp:	35541
Ion	Ratio	Lower	Upper
130	100		
95	91.1	0.0	188.6





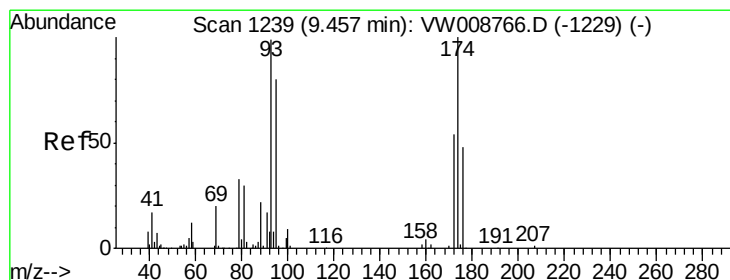
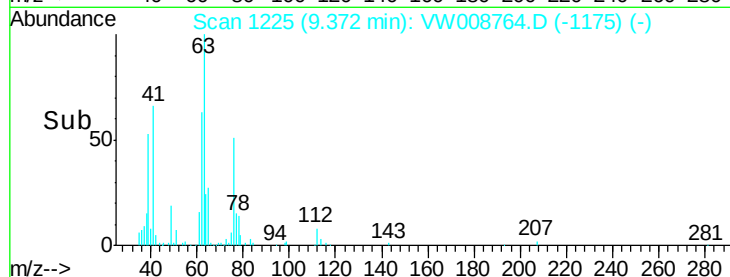
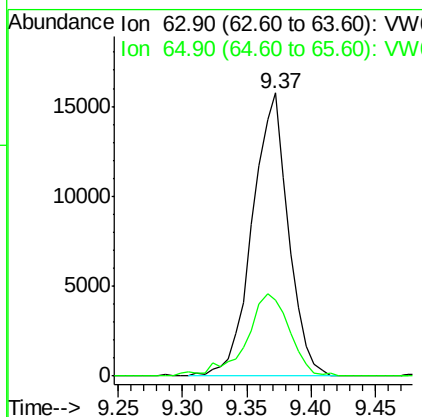
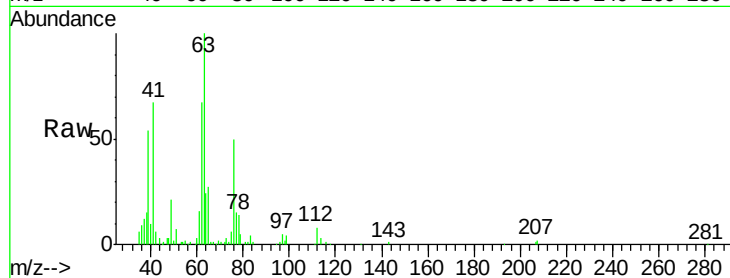
#45
 1,2-Dichloropropane
 Concen: 9.595 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.01 min
 Lab File: VW008764.D
 Acq: 21 Feb 2019 11:22

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
63	100		
65	27.0	25.5	38.3

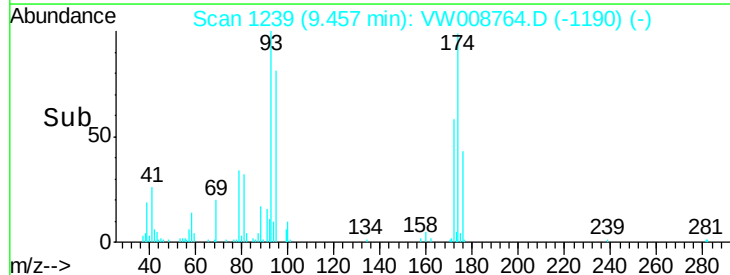
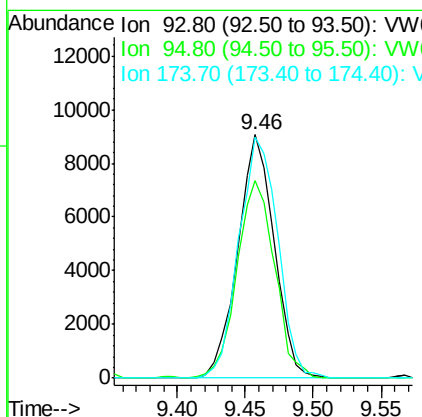
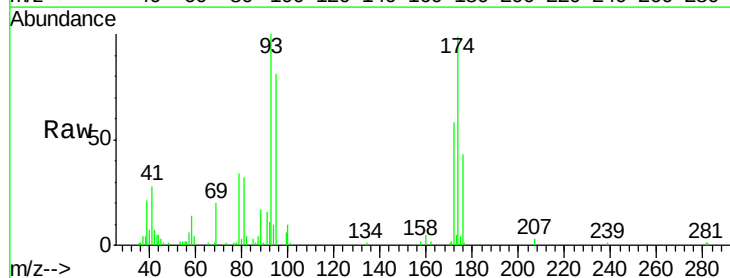
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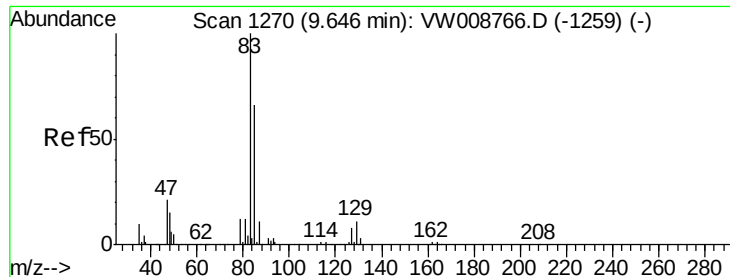
MMDadoda
 2/22/2019 12:25:02 PM



#46
 Dibromomethane
 Concen: 9.627 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW008764.D
 Acq: 21 Feb 2019 11:22

Tgt Ion	Ratio	Lower	Upper
93	100		
95	84.3	67.7	101.5
174	106.0	86.7	130.1





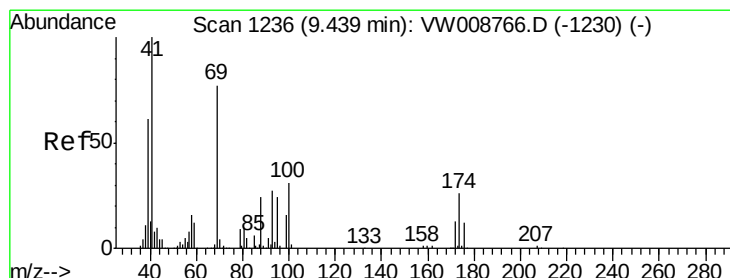
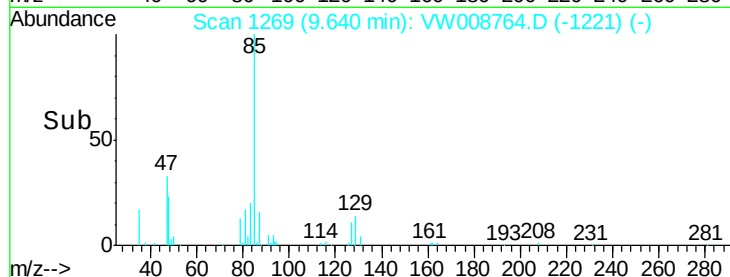
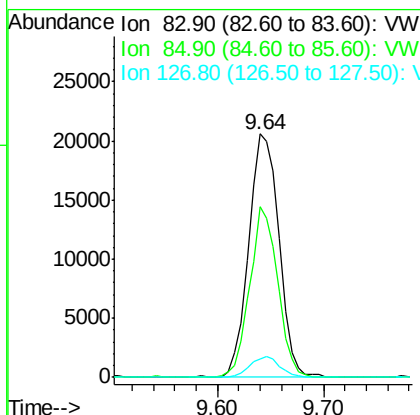
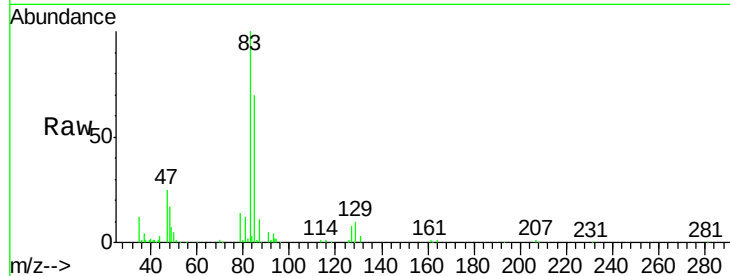
#47
Bromodichloromethane
Concen: 9.640 ug/l
RT: 9.64 min Scan# 1269
Delta R.T. -0.01 min
Lab File: VW008764.D
Acq: 21 Feb 2019 11:22

Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

Tot Ion	83	Resp	41230
Ion Ratio	100	Lower	Upper
83	100		
85	70.2	52.5	78.7
127	7.6	6.7	10.1

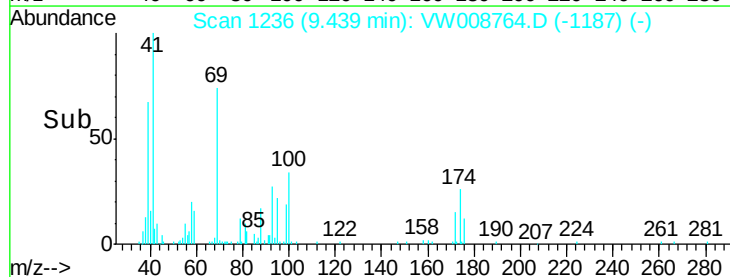
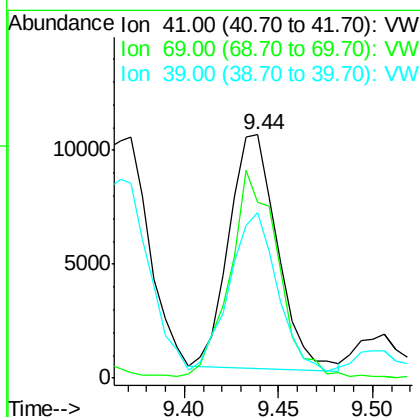
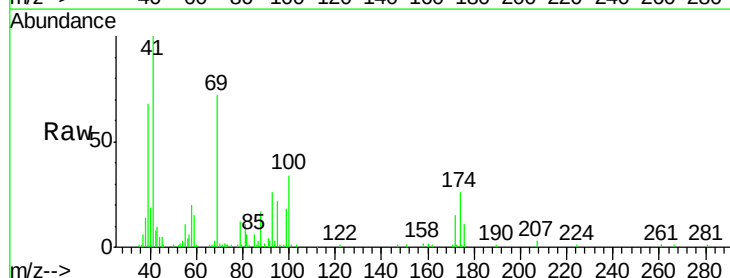
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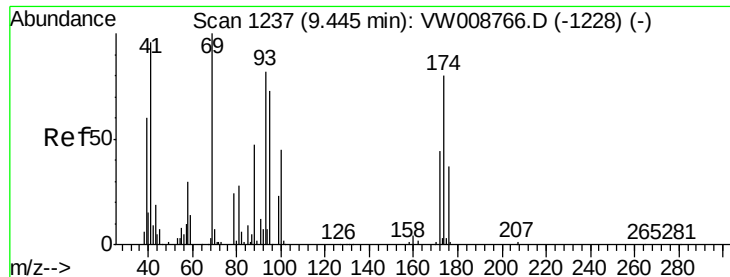
MMDadoda
2/22/2019 12:25:02 PM



#48
Methyl methacrylate
Concen: 8.773 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. 0.00 min
Lab File: VW008764.D
Acq: 21 Feb 2019 11:22

Tgt Ion	41	Resp	18266
Ion Ratio	100	Lower	Upper
41	100		
69	89.4	63.6	95.4
39	73.0	52.1	78.1





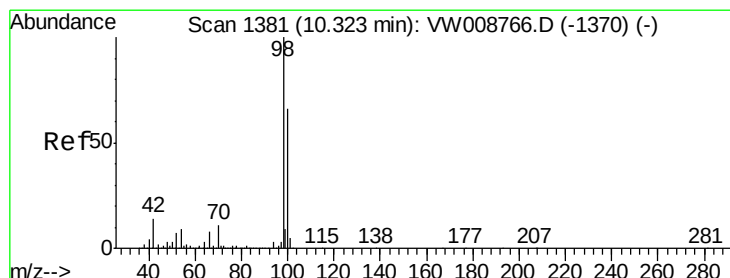
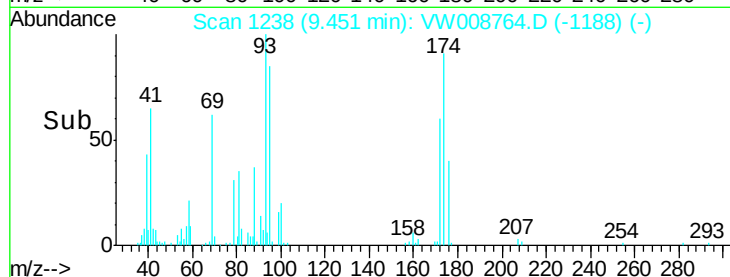
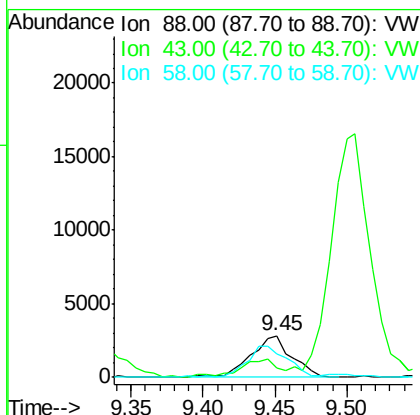
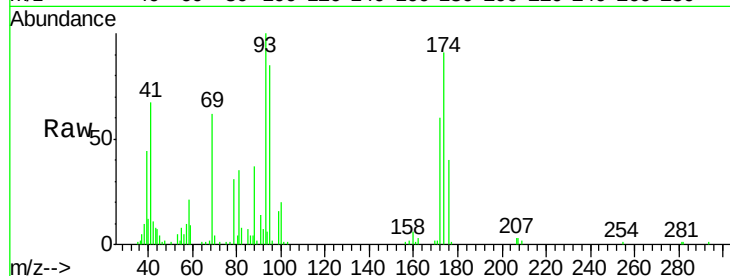
#49
1,4-Dioxane
Concen: 193.166 ug/l
RT: 9.45 min Scan# 1238
Delta R.T. 0.01 min
Lab File: VW008764.D
Acq: 21 Feb 2019 11:22

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	88	Resp	5438
Ion	Ratio	Lower	Upper
88	100		
43	41.9	29.0	43.4
58	76.2	52.0	78.0

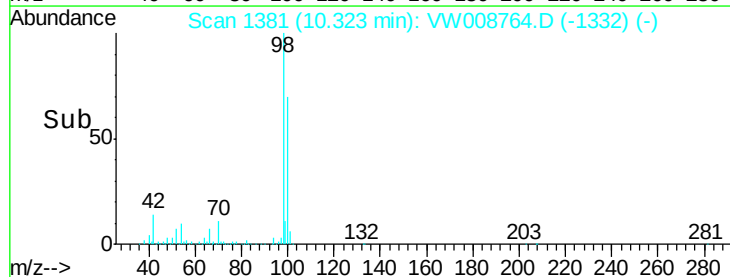
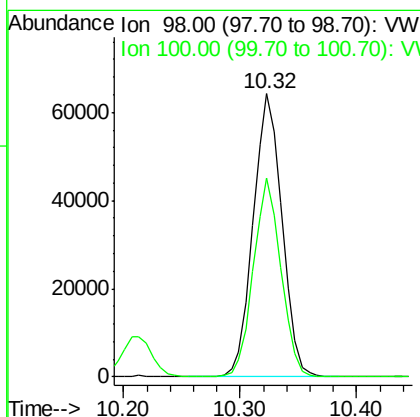
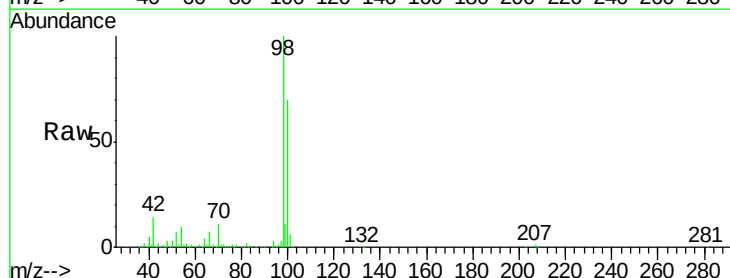
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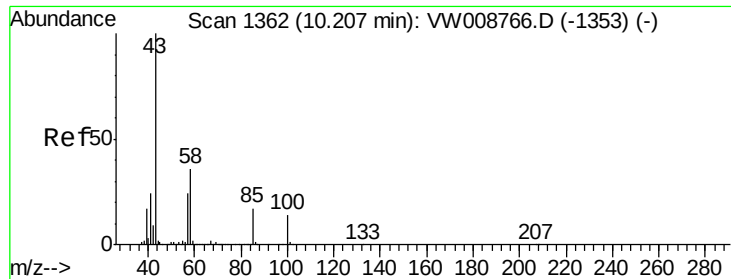
MMDadoda
2/22/2019 12:25:02 PM



#50
Toluene-d8
Concen: 9.971 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW008764.D
Acq: 21 Feb 2019 11:22

Tgt Ion	98	Resp	111210
Ion	Ratio	Lower	Upper
98	100		
100	67.1	52.4	78.6





#51

4-Methyl-2-Pentanone

Concen: 47.319 ug/l

RT: 10.21 min Scan# 1362

Delta R.T. 0.00 min

Lab File: VW008764.D

Acq: 21 Feb 2019 11:22

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tot Ion: 43 Resp: 104440

Ion Ratio Lower Upper

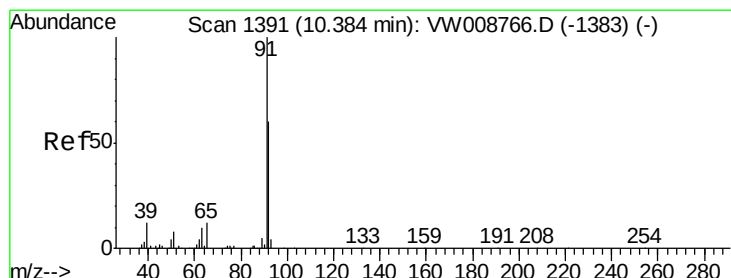
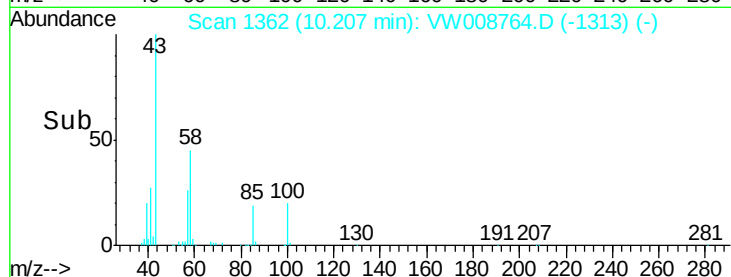
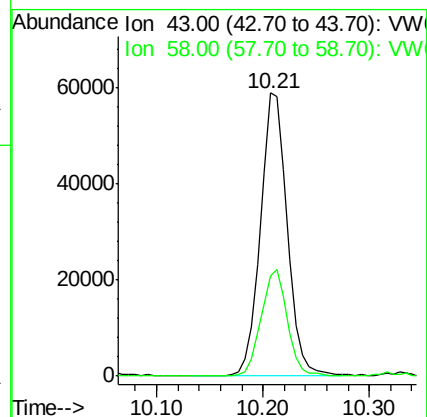
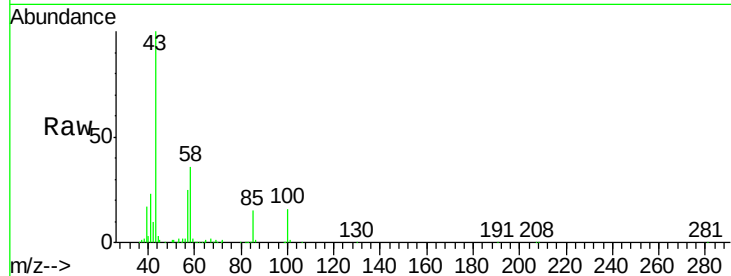
43 100

58 36.9 29.1 43.7

Manual Integrations
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#52

Toluene

Concen: 9.853 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. 0.01 min

Lab File: VW008764.D

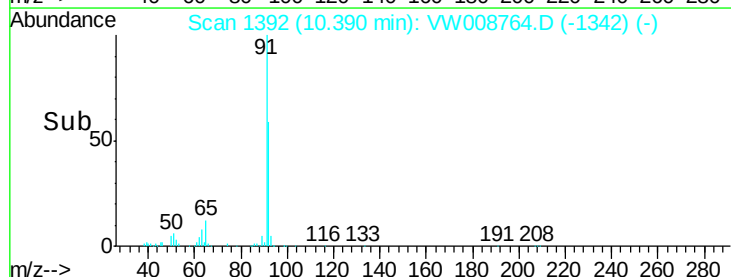
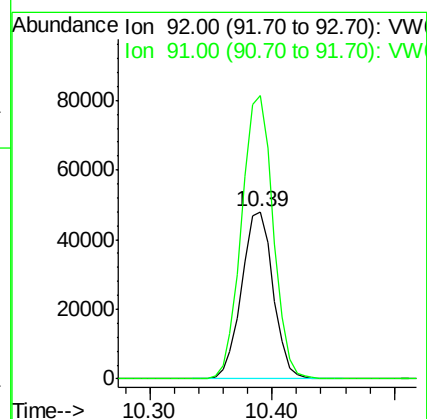
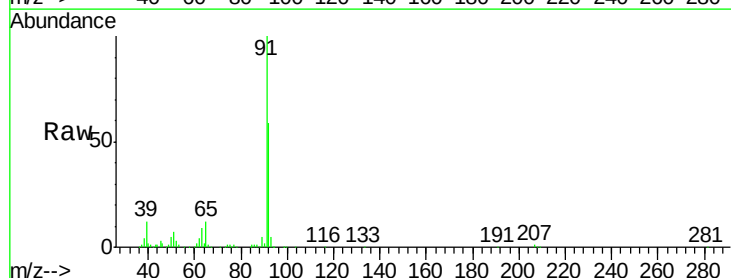
Acq: 21 Feb 2019 11:22

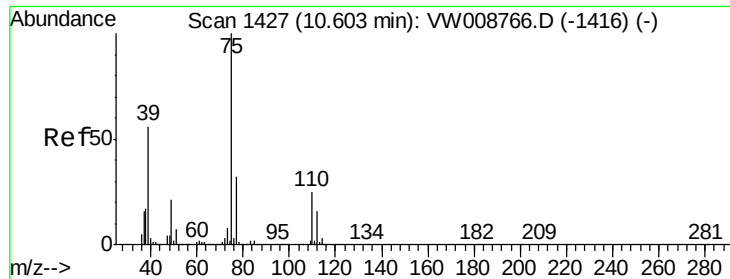
Tgt Ion: 92 Resp: 85522

Ion Ratio Lower Upper

92 100

91 170.5 136.9 205.3





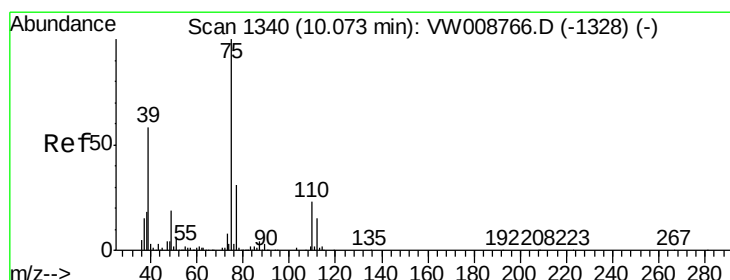
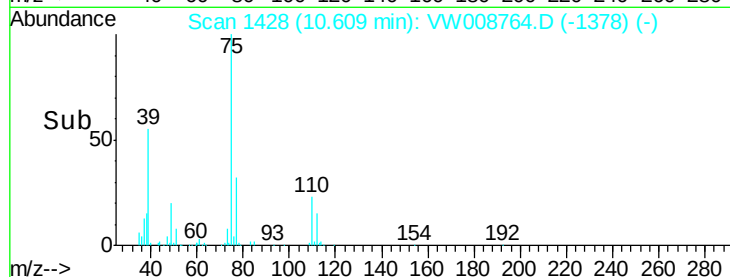
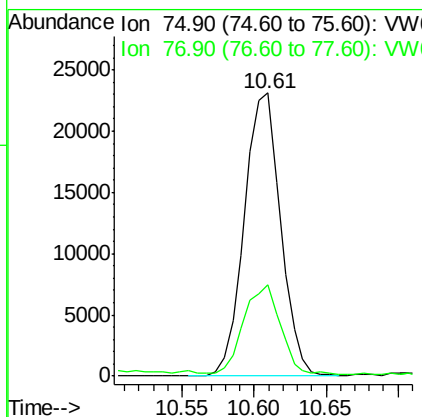
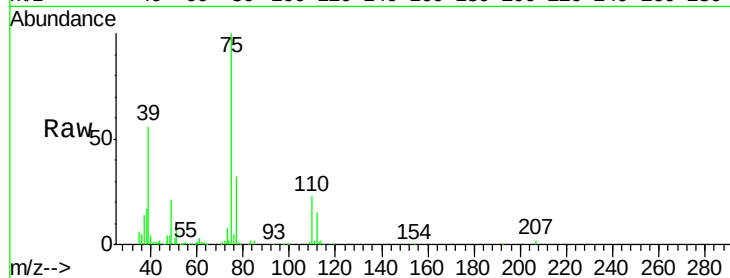
#53
 t-1,3-Dichloropropene
 Concen: 9.255 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. 0.01 min
 Lab File: VW008764.D
 Acq: 21 Feb 2019 11:22

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC010

Tot Ion: 75 Resp: 40346
 Ion Ratio Lower Upper
 75 100
 77 31.5 26.1 39.1

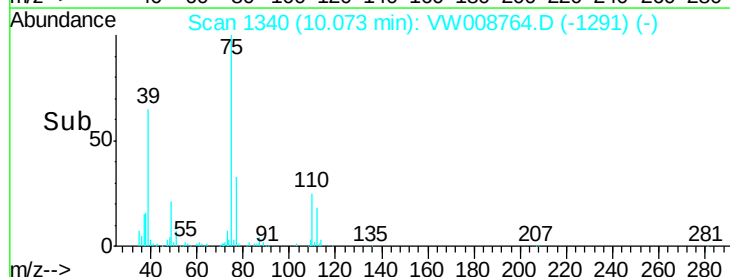
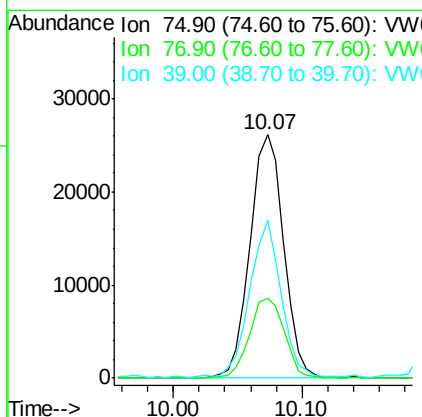
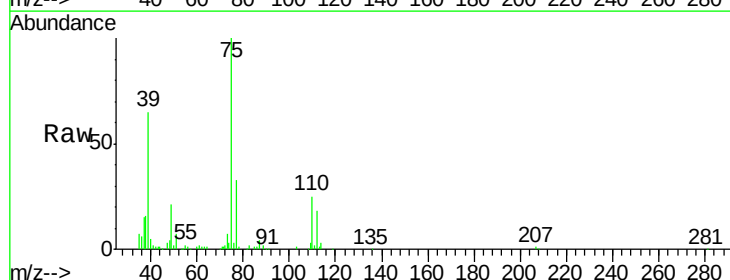
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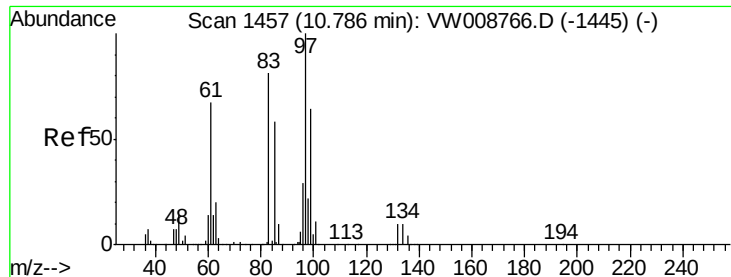
MMDadoda
 2/22/2019 12:25:02 PM



#54
 cis-1,3-Dichloropropene
 Concen: 9.482 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: VW008764.D
 Acq: 21 Feb 2019 11:22

Tgt Ion: 75 Resp: 47147
 Ion Ratio Lower Upper
 75 100
 77 32.8 25.0 37.4
 39 64.6 46.6 70.0





#55

1,1,2-Trichloroethane

Concen: 9.621 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. 0.00 min

Lab File: VW008764.D

Acq: 21 Feb 2019 11:22

Instrument :

MSVOA_W

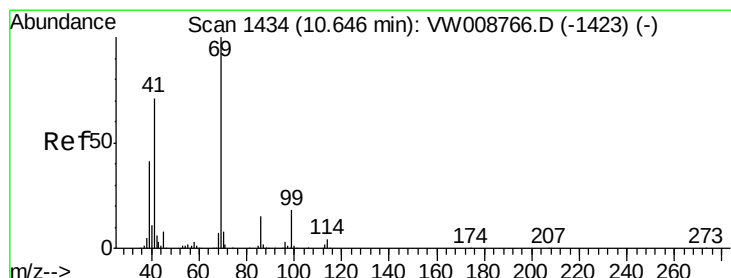
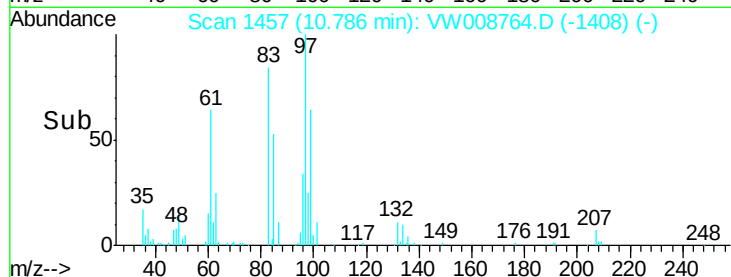
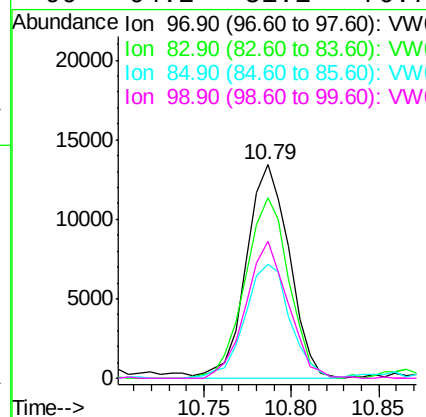
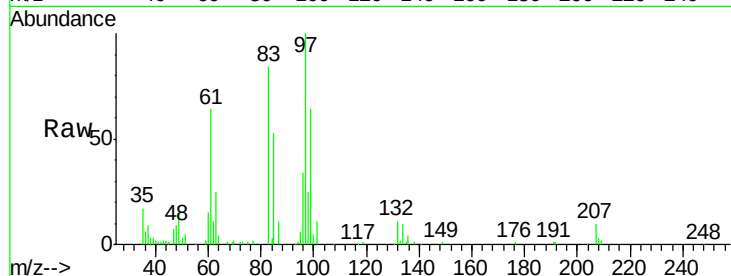
ClientSampleId :

VSTDIC010

Tot Ion:	97	Resp:	22937
Ion	Ratio	Lower	Upper
97	100		
83	84.4	65.0	97.6
85	52.9	46.0	69.0
99	64.2	51.1	76.7

Manual Integrations
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#56

Ethyl methacrylate

Concen: 9.449 ug/l

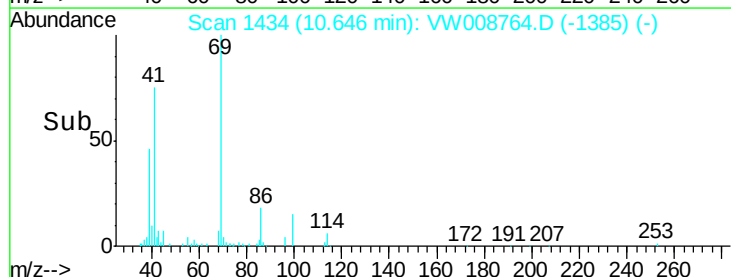
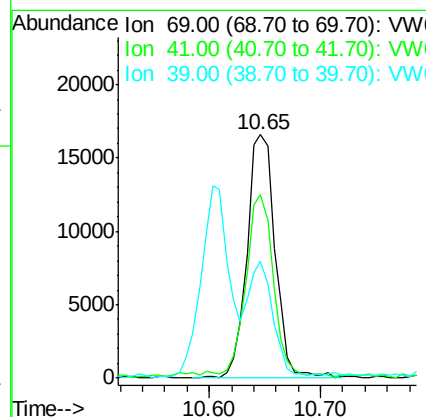
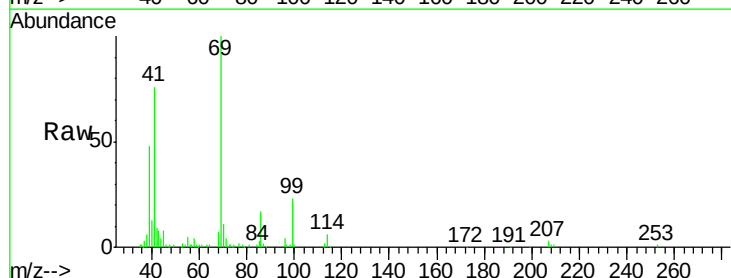
RT: 10.65 min Scan# 1434

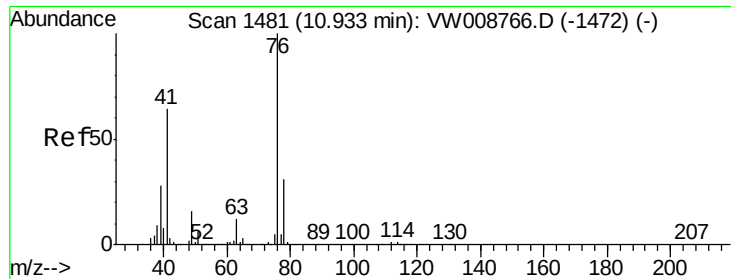
Delta R.T. 0.00 min

Lab File: VW008764.D

Acq: 21 Feb 2019 11:22

Tgt Ion:	69	Resp:	29267
Ion	Ratio	Lower	Upper
69	100		
41	72.7	57.4	86.0
39	40.3	34.8	52.2





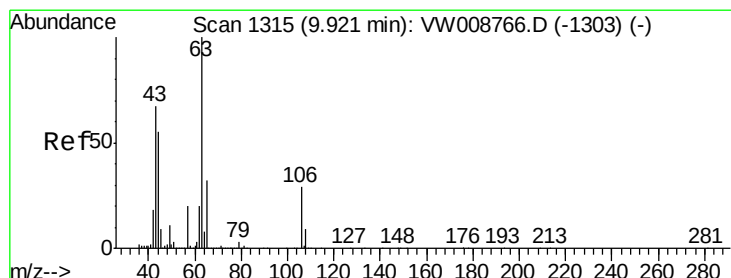
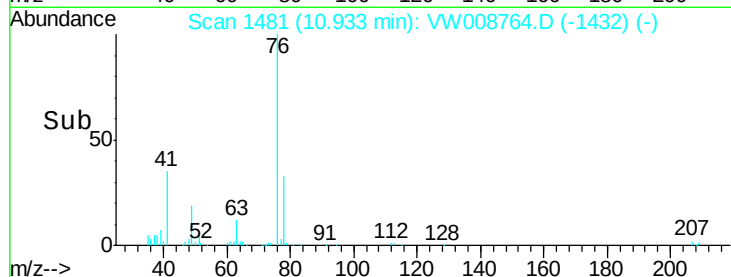
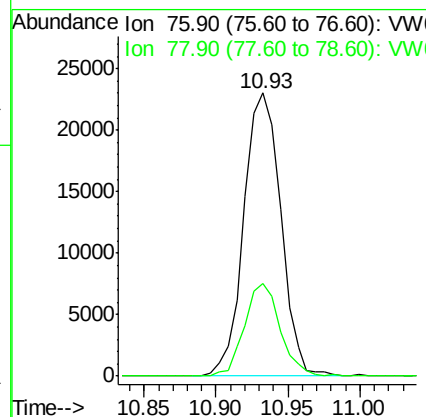
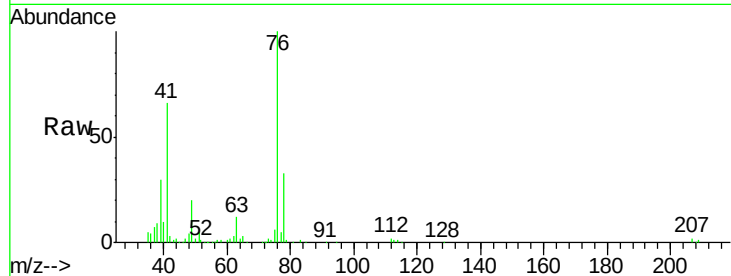
#57
 1,3-Dichloropropane
 Concen: 9.745 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW008764.D
 Acq: 21 Feb 2019 11:22

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
76	100		
78	31.7	25.8	38.8

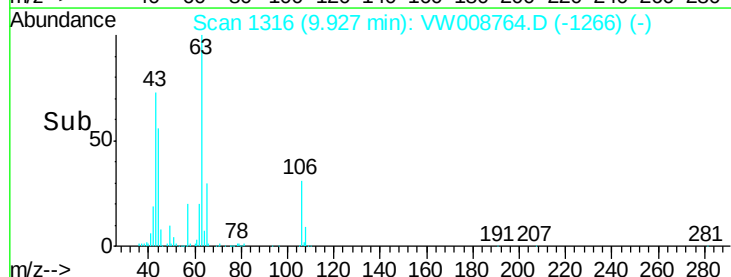
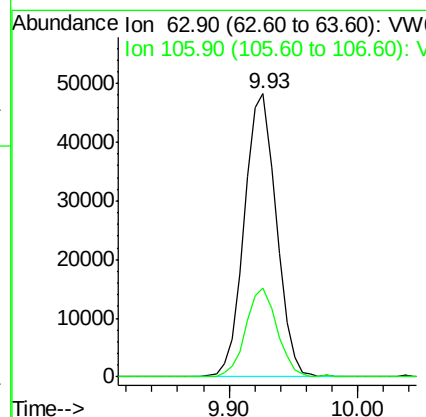
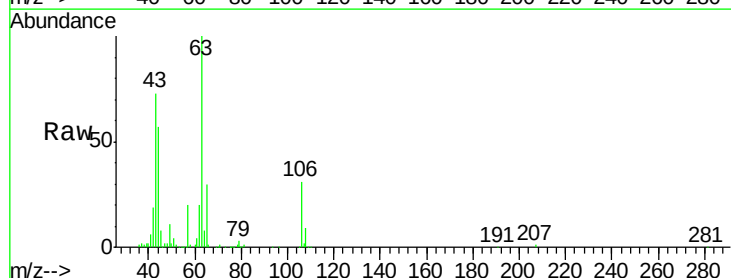
Manual Integrations
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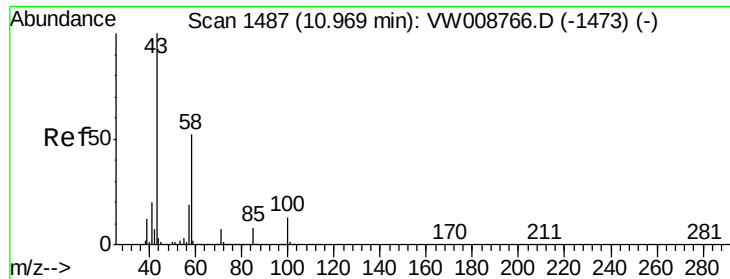
MMDadoda
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#58
 2-Chloroethyl Vinyl ether
 Concen: 53.155 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.01 min
 Lab File: VW008764.D
 Acq: 21 Feb 2019 11:22

Tgt Ion	Ratio	Lower	Upper
63	100		
106	30.7	24.0	36.0





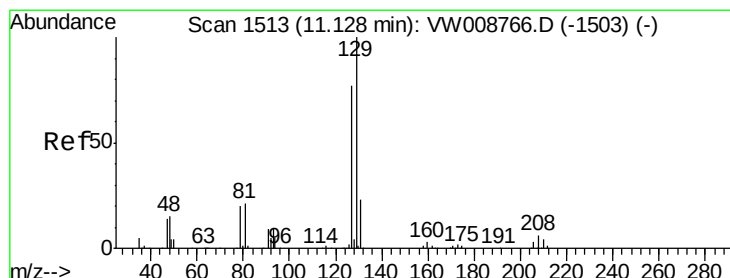
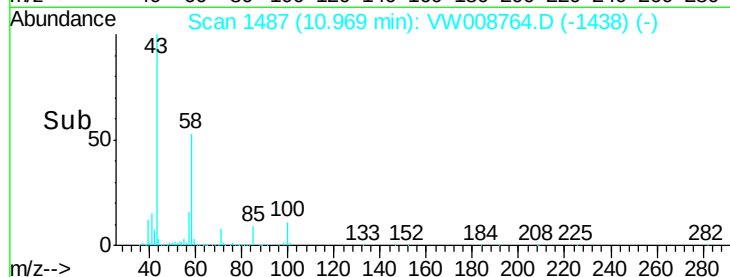
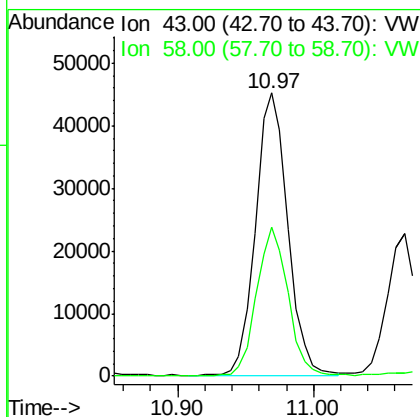
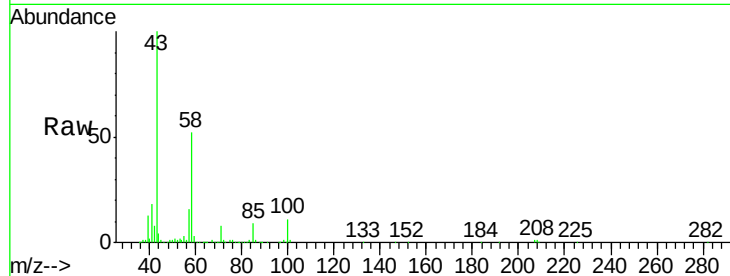
#59
2-Hexanone
Concen: 47.922 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW008764.D
Acq: 21 Feb 2019 11:22

Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
43	100		
58	51.8	25.3	75.8

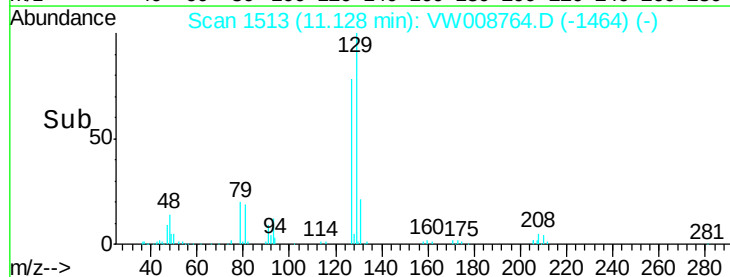
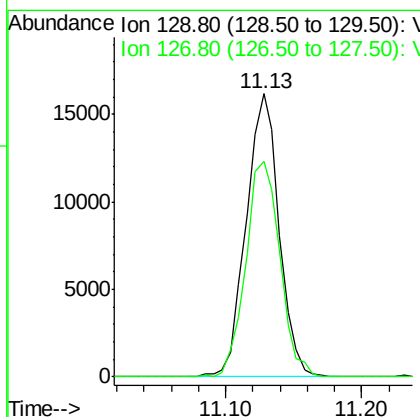
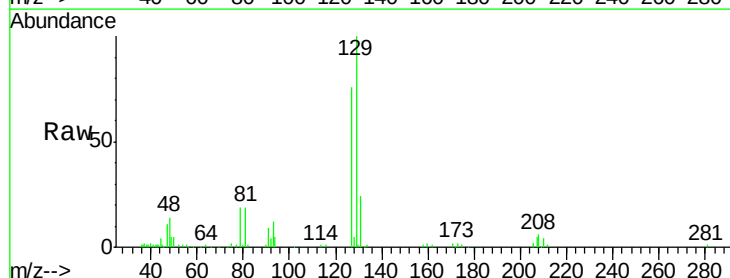
Manual Integrations
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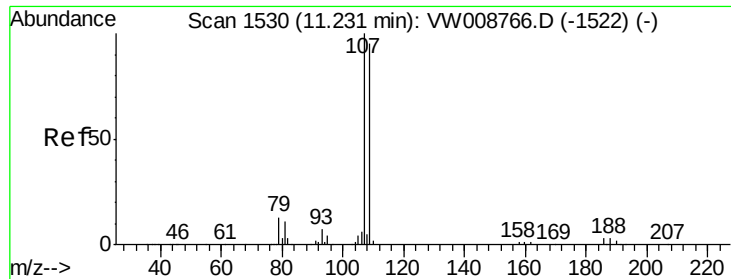
MMDadoda
2/22/2019 12:25:02 PM



#60
Dibromochloromethane
Concen: 9.435 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW008764.D
Acq: 21 Feb 2019 11:22

Tgt Ion	Ratio	Lower	Upper
129	100		
127	79.5	39.0	116.9





#61

1,2-Dibromoethane

Concen: 10.050 ug/l

RT: 11.23 min Scan# 1530

Delta R.T. 0.00 min

Lab File: VW008764.D

Acq: 21 Feb 2019 11:22

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tot Ion:107 Resp: 23716

Ion Ratio Lower Upper

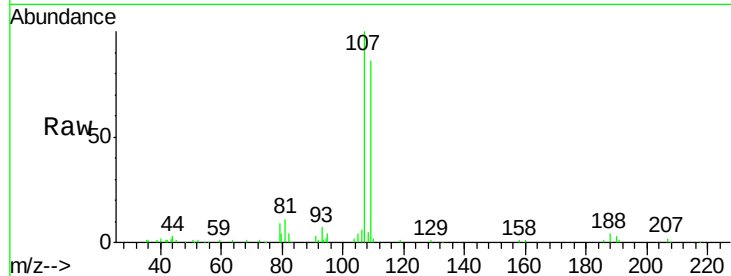
107 100

109 89.9 75.6 113.4

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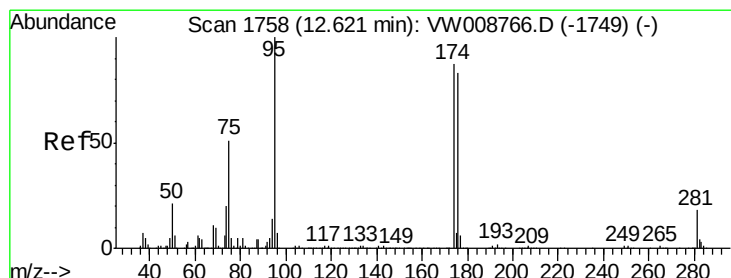
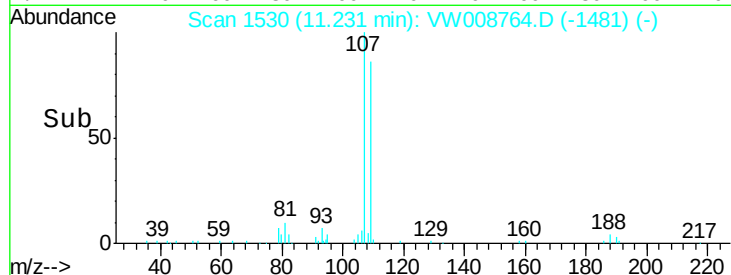
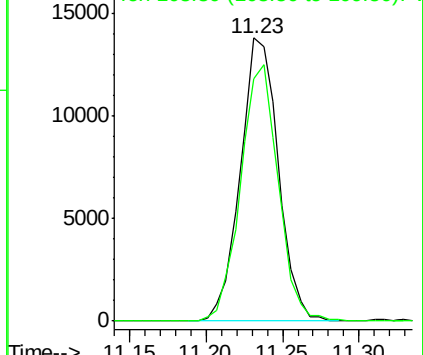
MMDadoda

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 10.005 ug/l

RT: 12.62 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VW008764.D

Acq: 21 Feb 2019 11:22

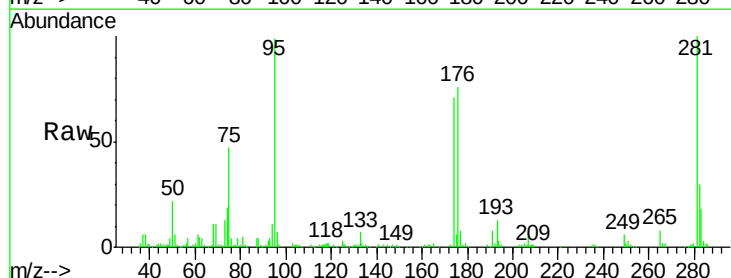
Tgt Ion: 95 Resp: 43691

Ion Ratio Lower Upper

95 100

174 85.2 0.0 169.2

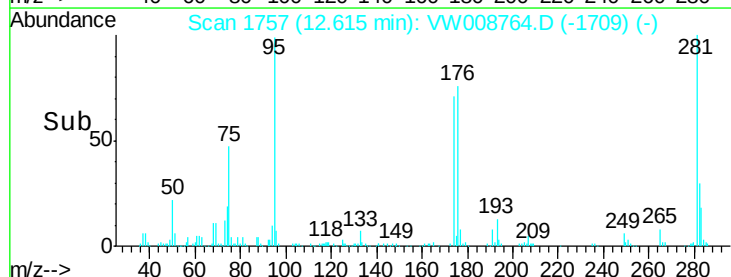
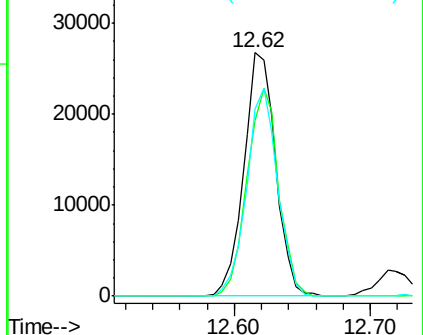
176 83.4 0.0 163.6

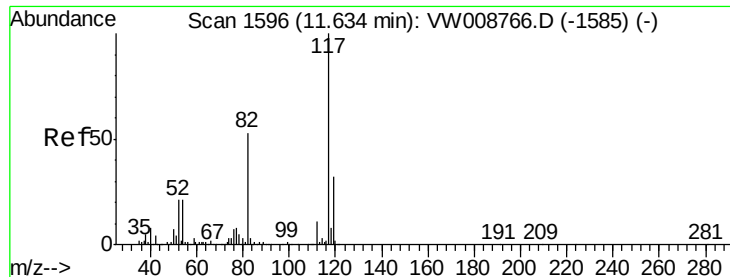


Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





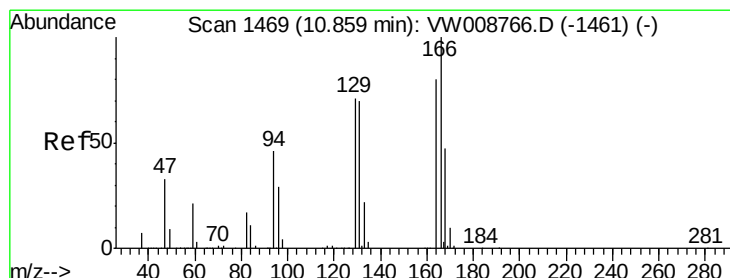
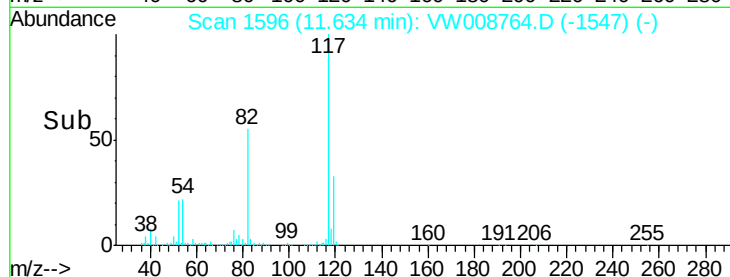
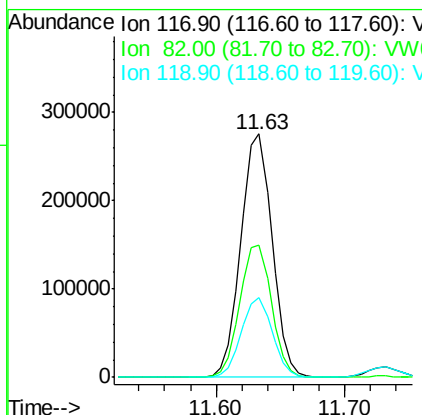
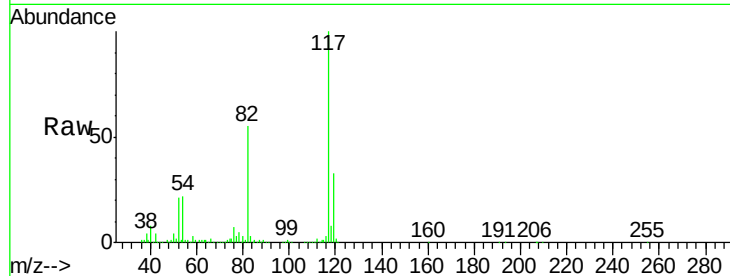
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008764.D
Acq: 21 Feb 2019 11:22

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
117	100	464350		
82	54.5		42.2	63.4
119	32.8		25.9	38.9

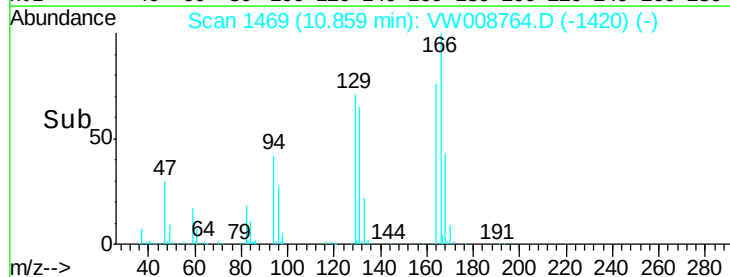
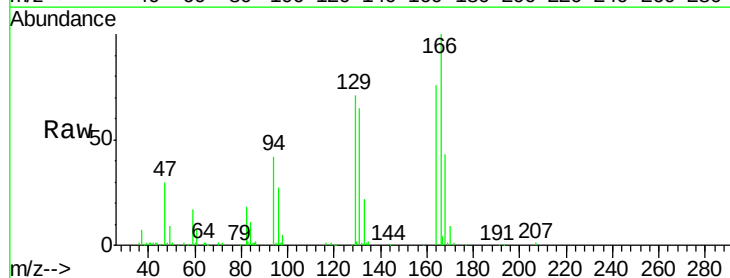
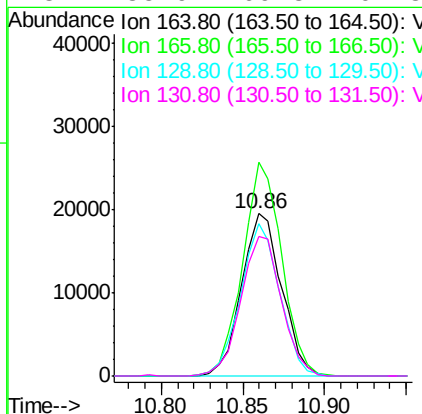
Manual Integrations
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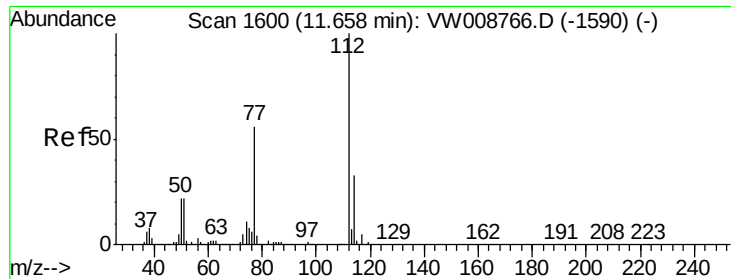
MMDadoda
2/22/2019 12:25:02 PM



#64
Tetrachloroethene
Concen: 10.026 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VW008764.D
Acq: 21 Feb 2019 11:22

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	33325		
166	131.7		99.5	149.3
129	93.8		71.1	106.7
131	85.9		69.8	104.8





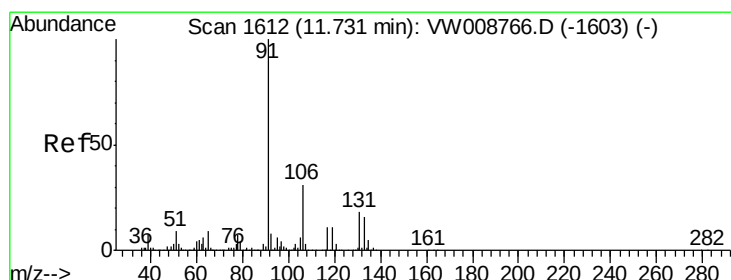
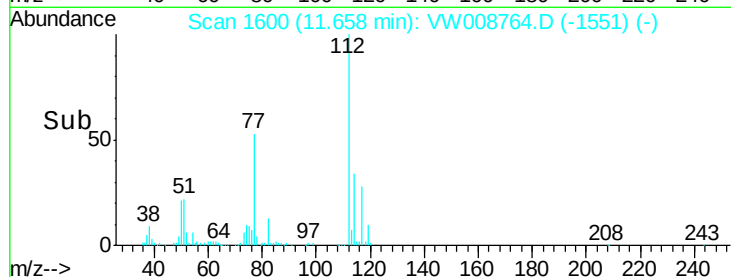
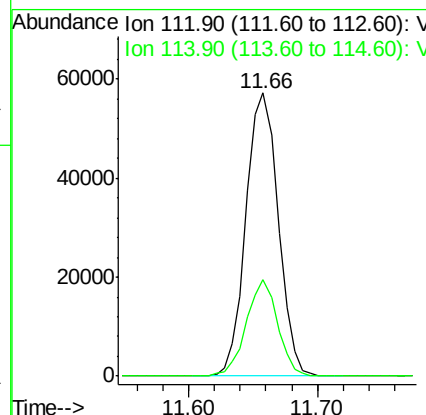
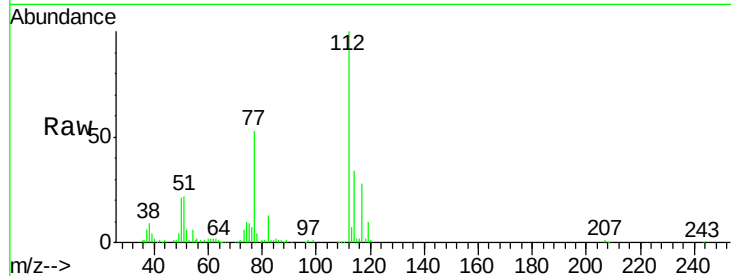
#65
Chlorobenzene
Concen: 10.118 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW008764.D
Acq: 21 Feb 2019 11:22

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion:112 Resp: 98789
Ion Ratio Lower Upper
112 100
114 34.2 26.6 40.0

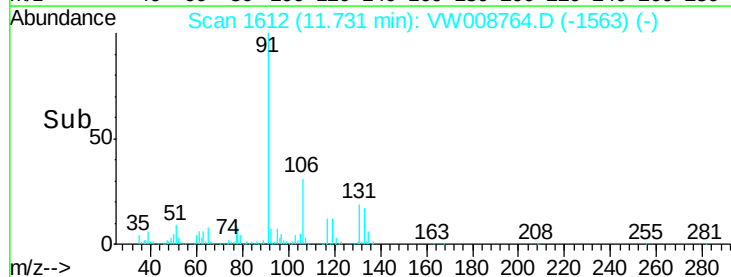
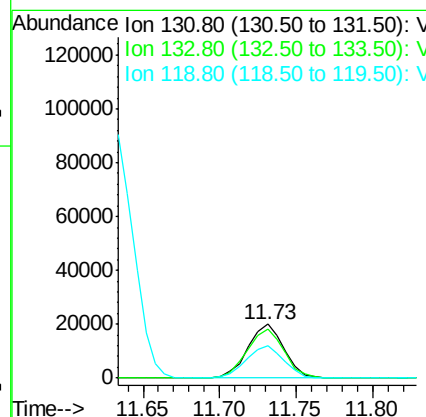
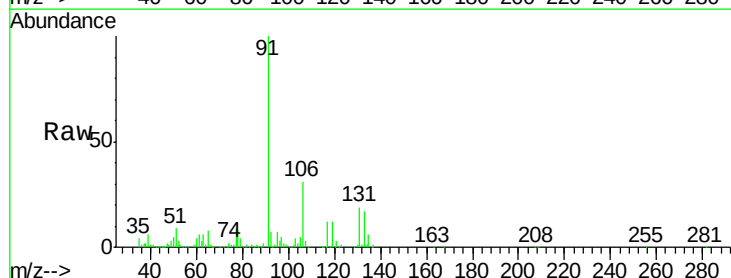
Manual Integrations
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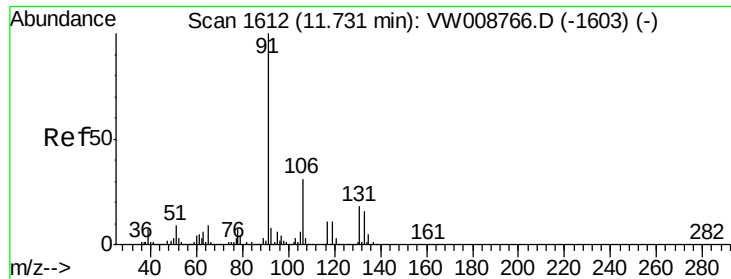
MMDadoda
2/22/2019 12:25:02 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 9.930 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW008764.D
Acq: 21 Feb 2019 11:22

Tgt Ion:131 Resp: 32782
Ion Ratio Lower Upper
131 100
133 93.3 46.7 140.0
119 62.6 30.8 92.4





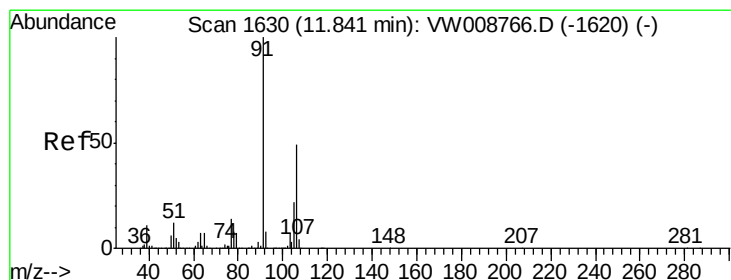
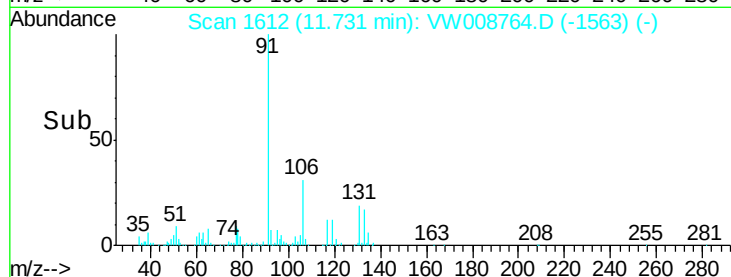
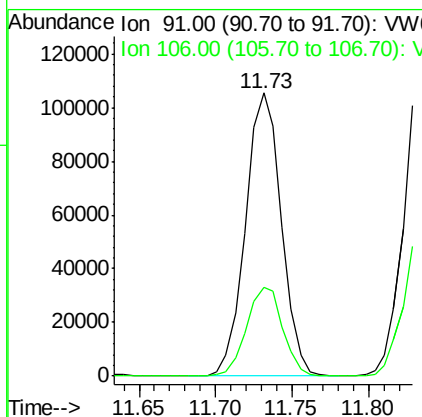
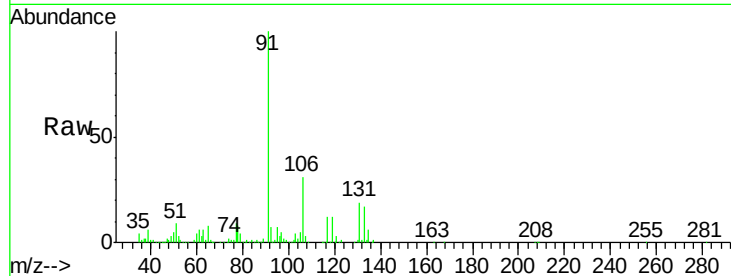
#67
Ethyl Benzene
Concen: 9.818 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW008764.D
Acq: 21 Feb 2019 11:22

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion: 91 Resp: 171369
Ion Ratio Lower Upper
91 100
106 31.4 25.0 37.6

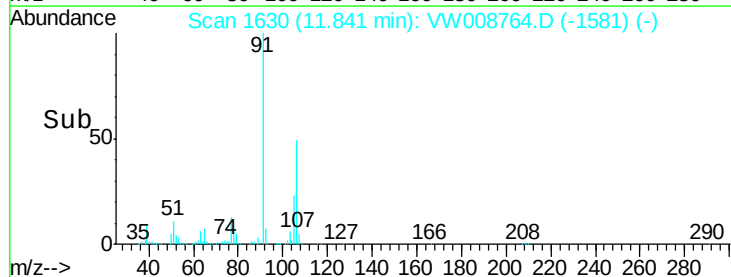
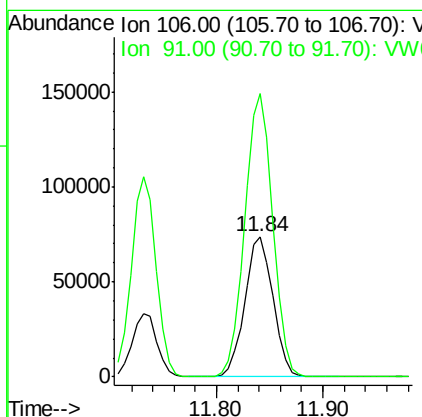
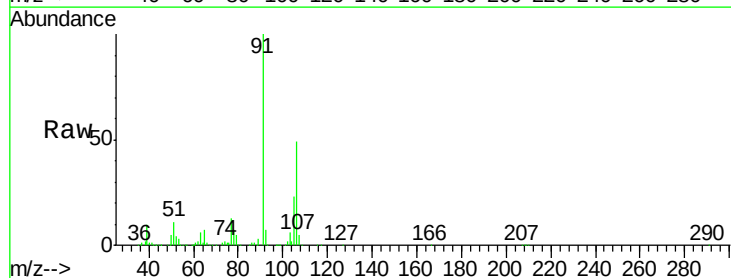
Manual Integrations
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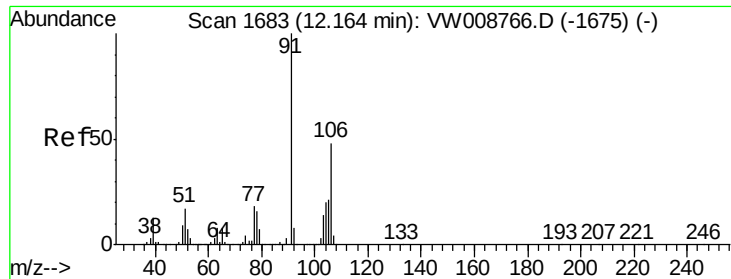
MMDadoda
2/22/2019 12:25:02 PM



#68
m/p-Xylenes
Concen: 19.658 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW008764.D
Acq: 21 Feb 2019 11:22

Tgt Ion: 106 Resp: 137096
Ion Ratio Lower Upper
106 100
91 200.1 161.5 242.3





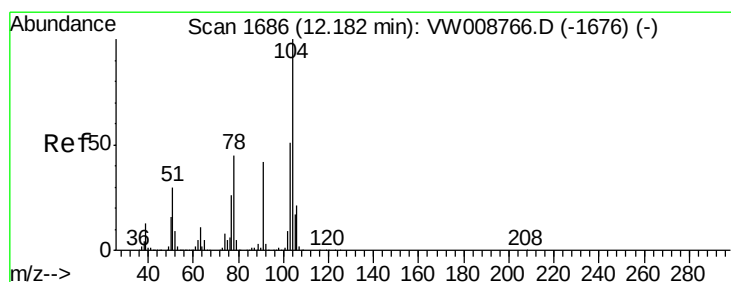
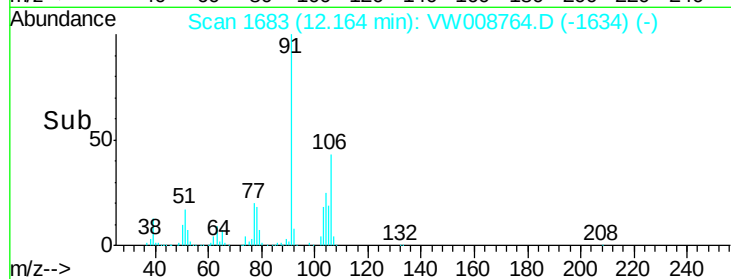
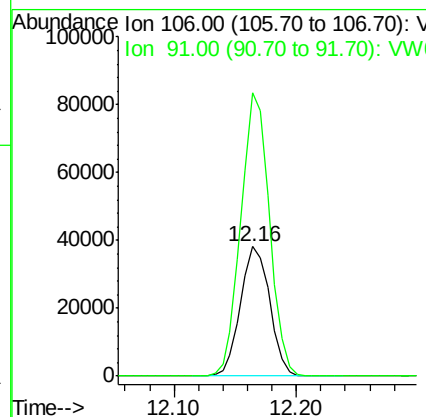
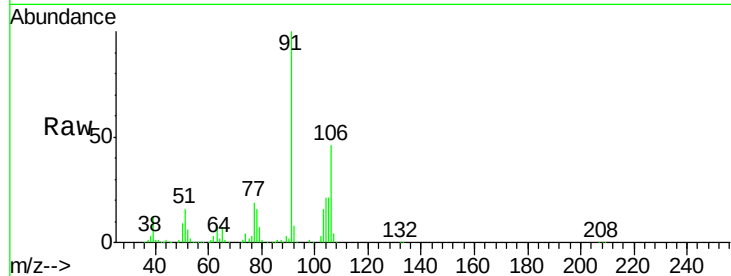
#69
o-Xylene
Concen: 9.706 ug/l
RT: 12.16 min Scan# 1683
Delta R.T. 0.00 min
Lab File: VW008764.D
Acq: 21 Feb 2019 11:22

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion:106 Resp: 63533
Ion Ratio Lower Upper
106 100
91 213.2 106.2 318.6

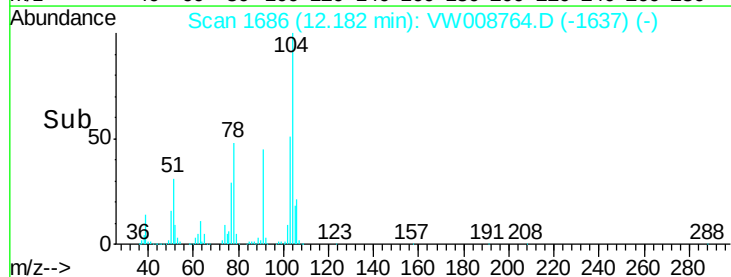
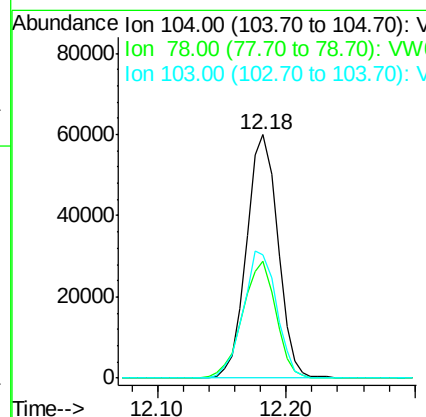
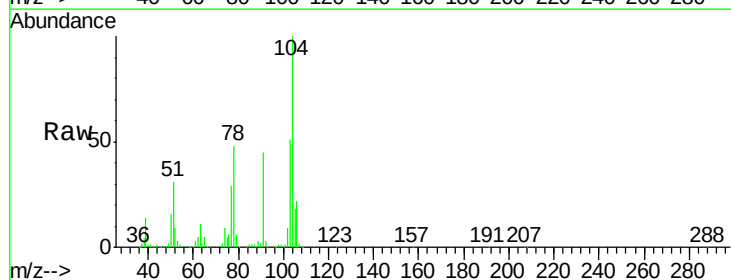
Manual Integrations
APPROVED

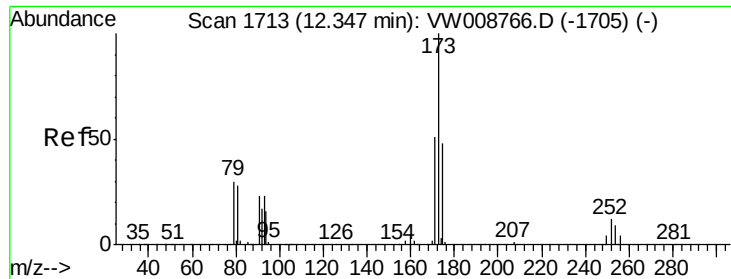
MMDadoda
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#70
Styrene
Concen: 9.559 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW008764.D
Acq: 21 Feb 2019 11:22

Tgt Ion:104 Resp: 100667
Ion Ratio Lower Upper
104 100
78 51.2 40.8 61.2
103 55.9 44.2 66.2





#71

Bromoform

Concen: 9.347 ug/l

RT: 12.35 min Scan# 1713

Delta R.T. 0.00 min

Lab File: VW008764.D

Acq: 21 Feb 2019 11:22

Instrument :

MSVOA_W

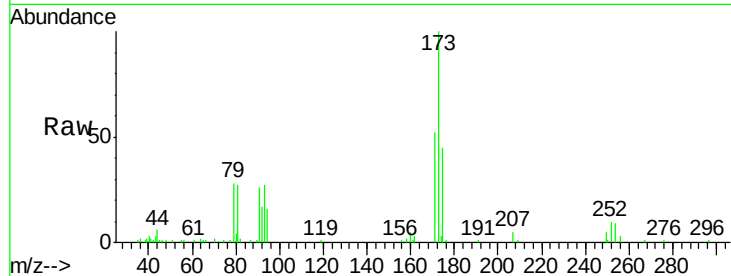
ClientSampleId :

VSTDIC010

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.2	24.2	72.6
254	0.0	0.2	0.4

Manual Integrations
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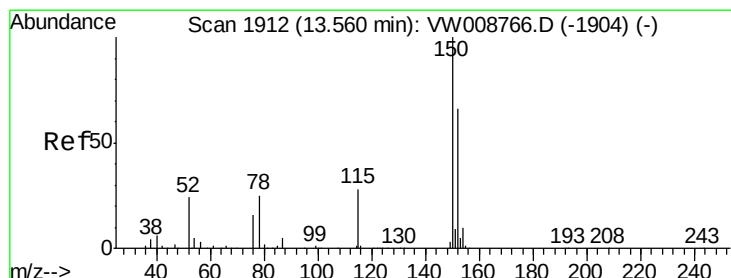
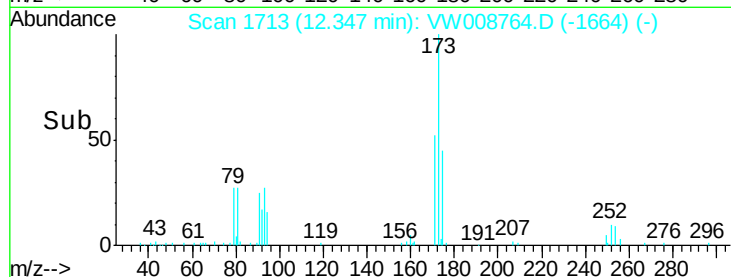
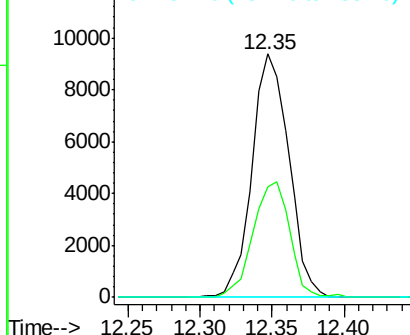


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

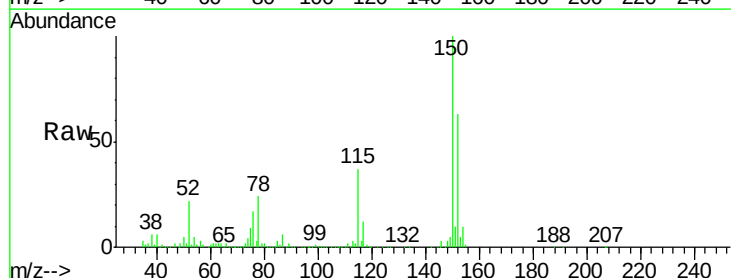
RT: 13.56 min Scan# 1912

Delta R.T. 0.00 min

Lab File: VW008764.D

Acq: 21 Feb 2019 11:22

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.8	28.6	85.8
150	160.8	0.0	348.0

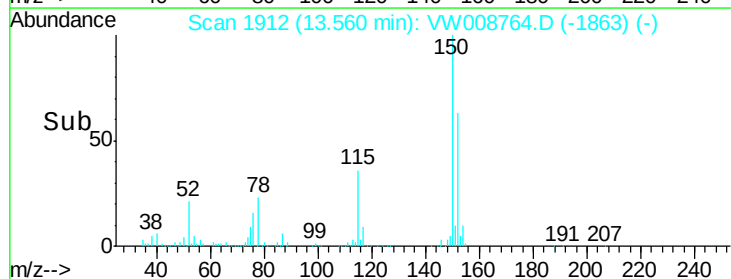
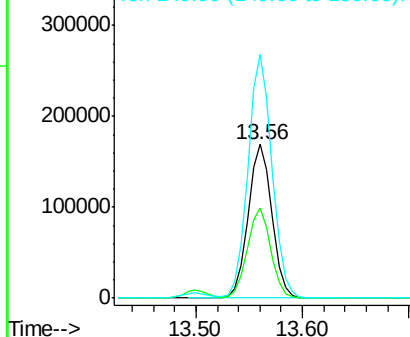


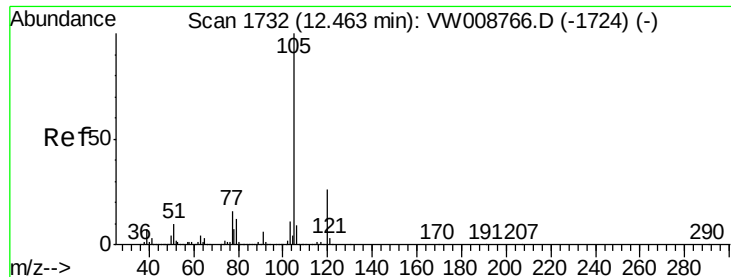
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





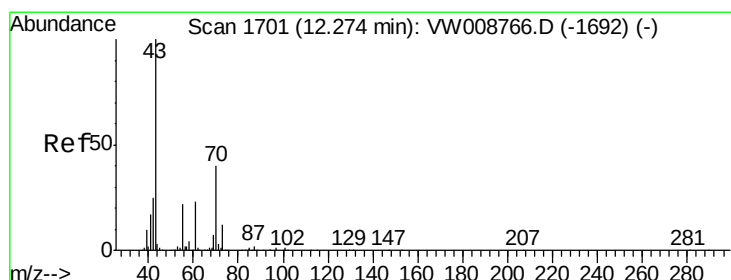
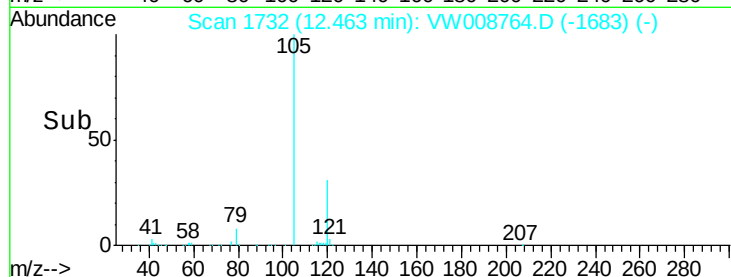
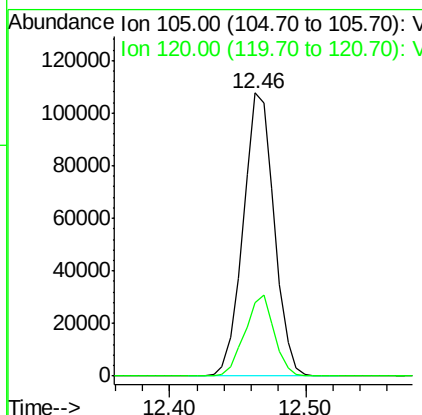
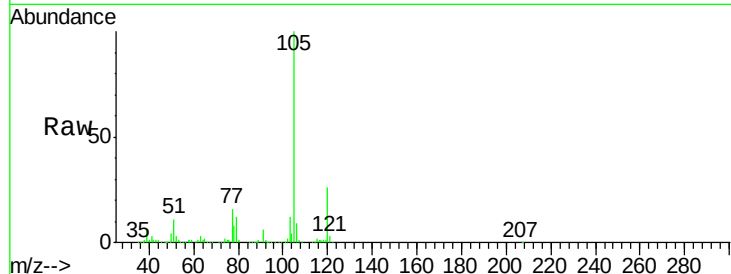
#73
Isopropylbenzene
Concen: 9.473 ug/l
RT: 12.46 min Scan# 1732
Delta R.T. 0.00 min
Lab File: VW008764.D
Acq: 21 Feb 2019 11:22

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
105	100		
120	27.1	13.3	39.9

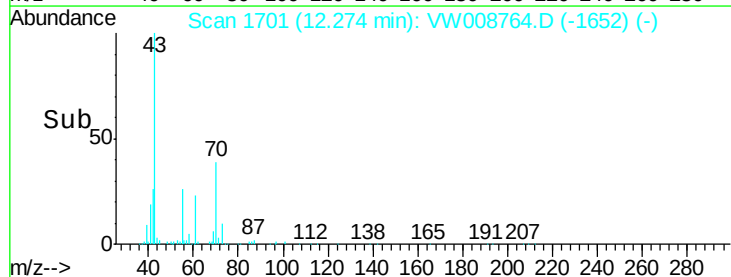
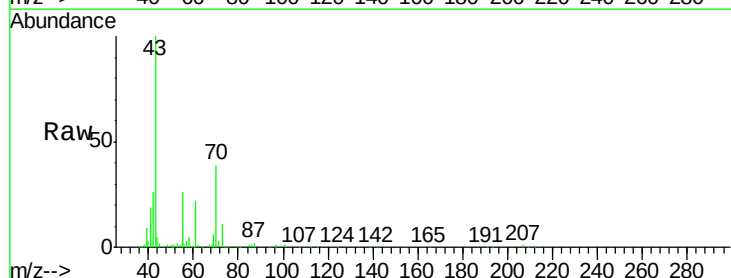
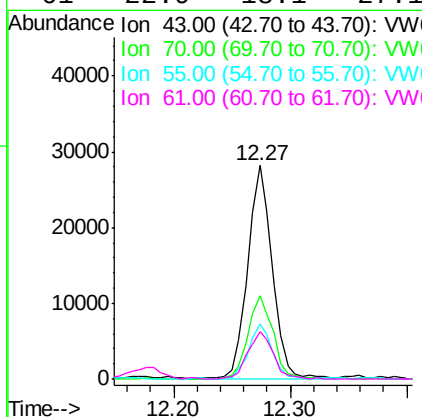
Manual Integrations
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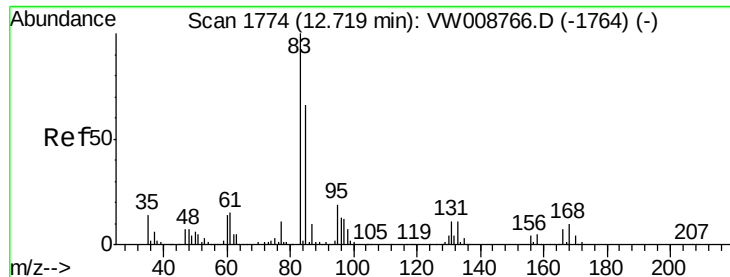
MMDadoda
2/22/2019 12:25:02 PM



#74
N-ethyl acetate
Concen: 9.176 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. 0.00 min
Lab File: VW008764.D
Acq: 21 Feb 2019 11:22

Tgt Ion	Ratio	Lower	Upper
43	100		
70	39.6	31.0	46.6
55	25.1	18.7	28.1
61	22.9	18.1	27.1





#75

1,1,2,2-Tetrachloroethane

Concen: 9.387 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.01 min

Lab File: VW008764.D

Acq: 21 Feb 2019 11:22

Instrument :

MSVOA_W

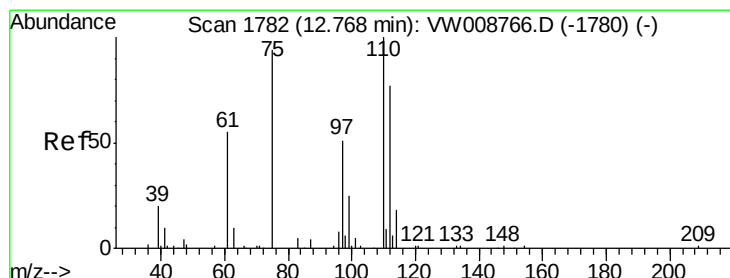
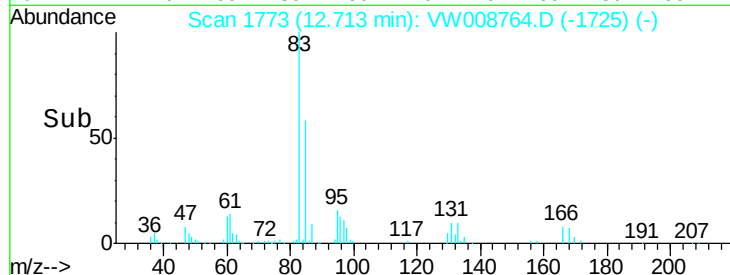
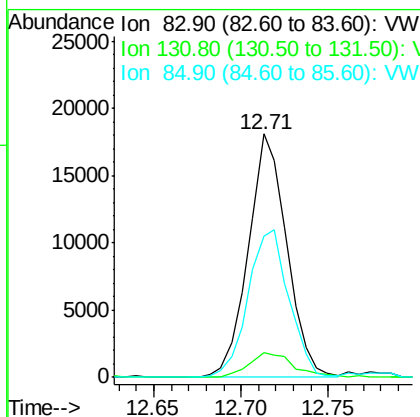
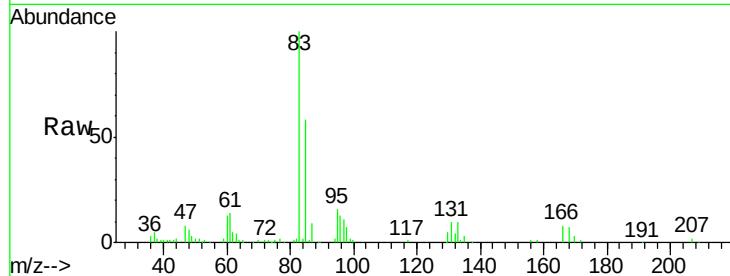
ClientSampleId :

VSTDIC010

Tot Ion:	83	Resp:	27709
Ion Ratio	Lower	Upper	
83	100		
131	12.2	5.5	16.7
85	64.4	33.0	98.9

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 8.690 ug/l m

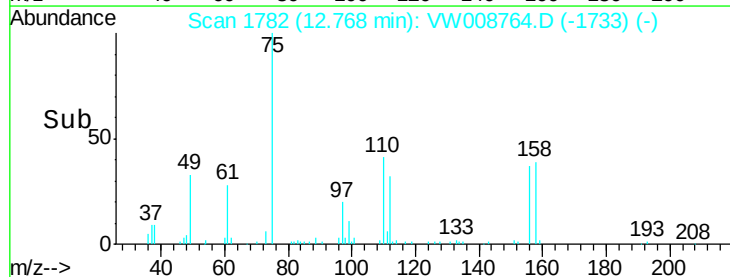
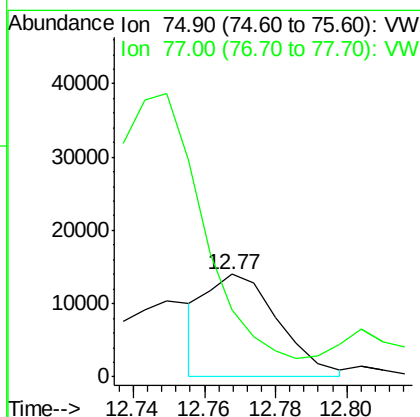
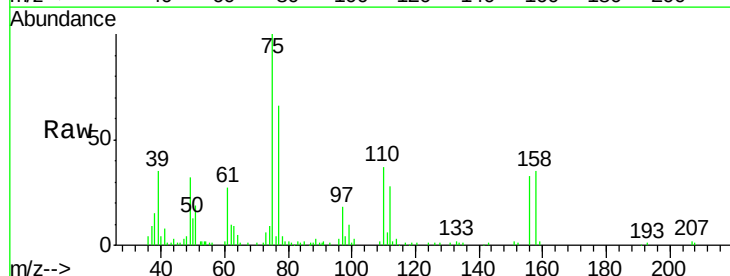
RT: 12.77 min Scan# 1782

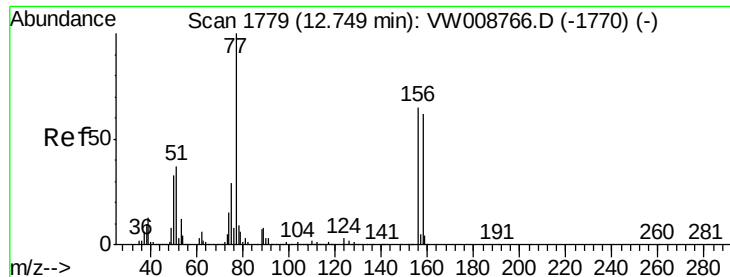
Delta R.T. 0.00 min

Lab File: VW008764.D

Acq: 21 Feb 2019 11:22

Tgt Ion:	75	Resp:	19812
Ion Ratio	Lower	Upper	
75	100		
77	372.2	0.0	0.0#





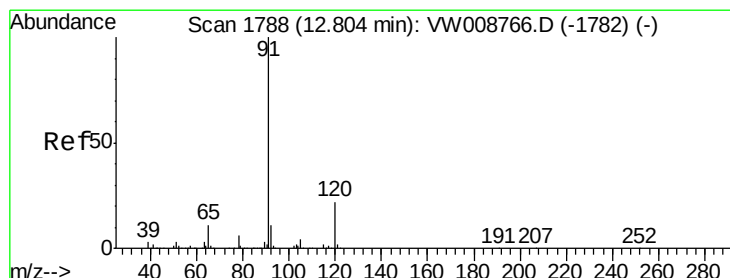
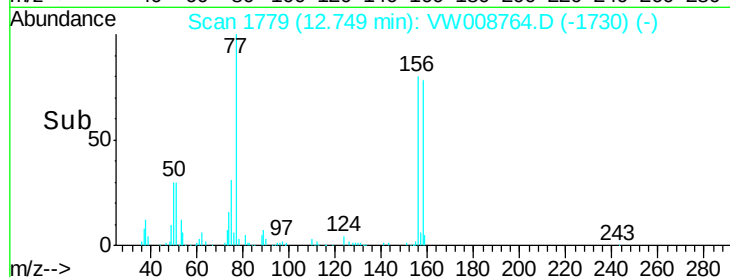
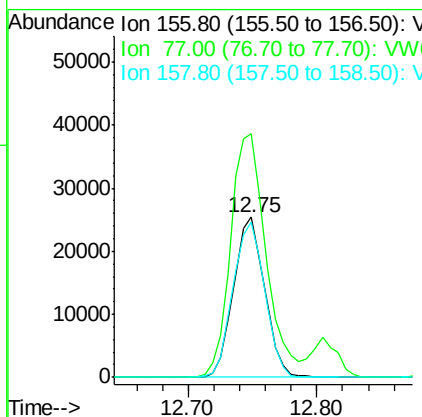
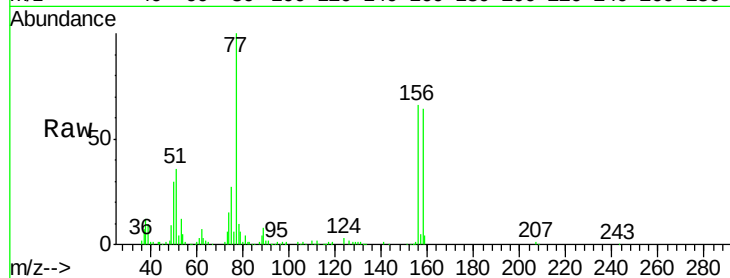
#77
Bromobenzene
Concen: 9.998 ug/l
RT: 12.75 min Scan# 1779
Delta R.T. 0.00 min
Lab File: VW008764.D
Acq: 21 Feb 2019 11:22

Instrument :
MSVOA_W
ClientSampled :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
156	100		
77	172.8	89.1	267.4
158	98.9	49.2	147.6

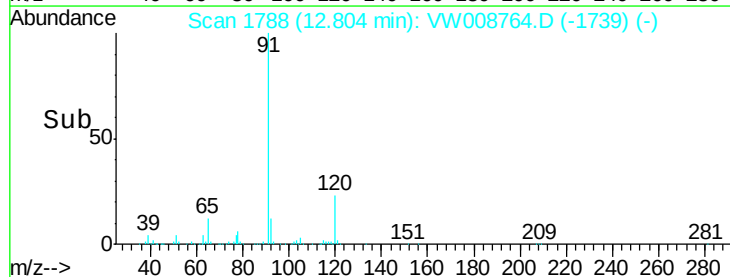
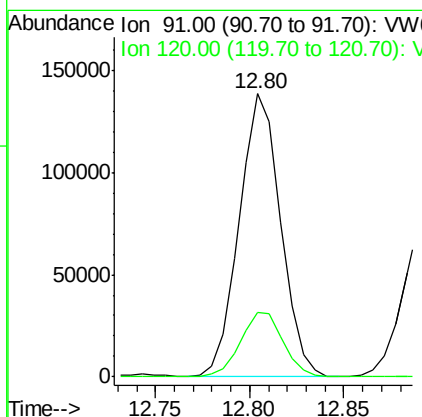
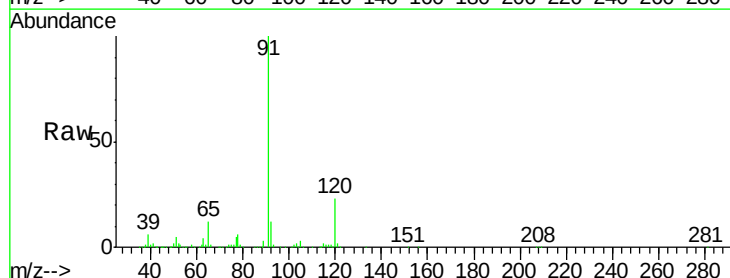
Manual Integrations
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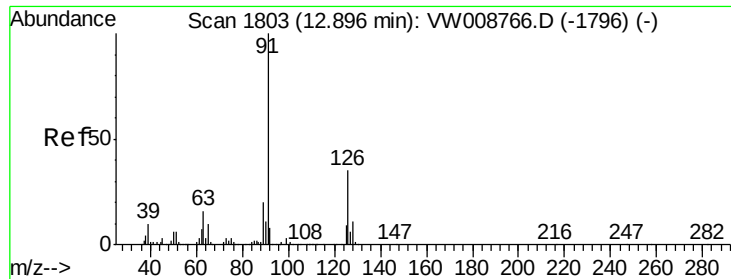
MMDadoda
2/22/2019 12:25:02 PM



#78
n-propylbenzene
Concen: 9.551 ug/l
RT: 12.80 min Scan# 1788
Delta R.T. 0.00 min
Lab File: VW008764.D
Acq: 21 Feb 2019 11:22

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.6	11.5	34.4





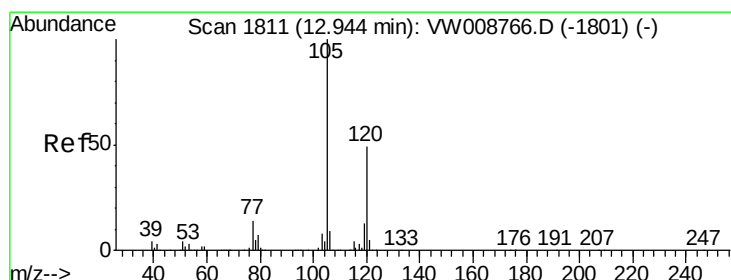
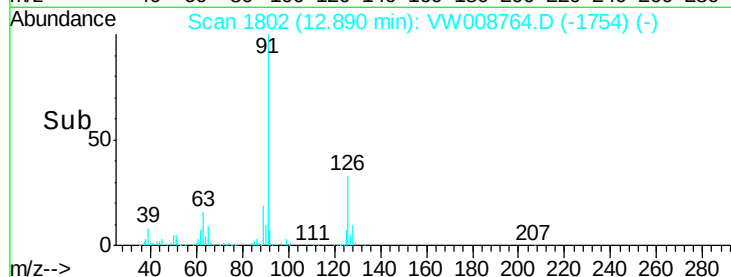
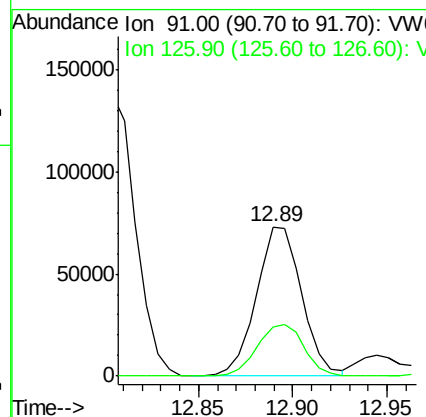
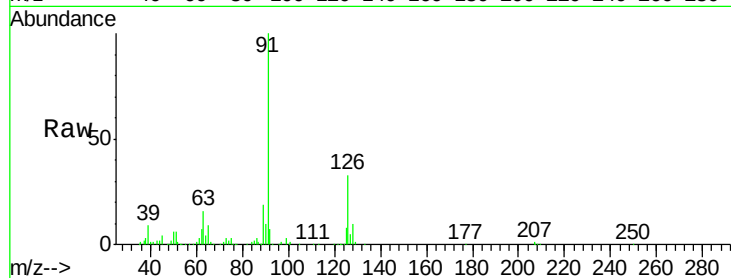
#79
 2-Chlorotoluene
 Concen: 9.667 ug/l
 RT: 12.89 min Scan# 1802
 Delta R.T. -0.01 min
 Lab File: VW008764.D
 Acq: 21 Feb 2019 11:22

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tot Ion: 91 Resp: 121288
 Ion Ratio Lower Upper
 91 100
 126 36.0 17.0 51.0

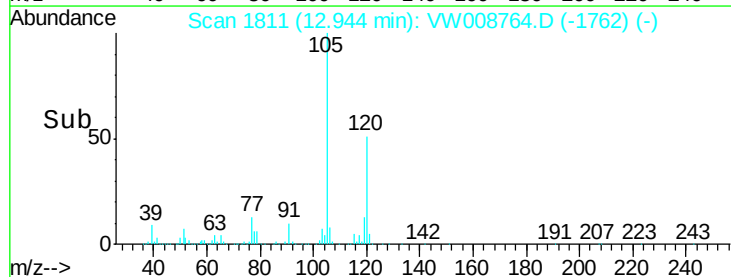
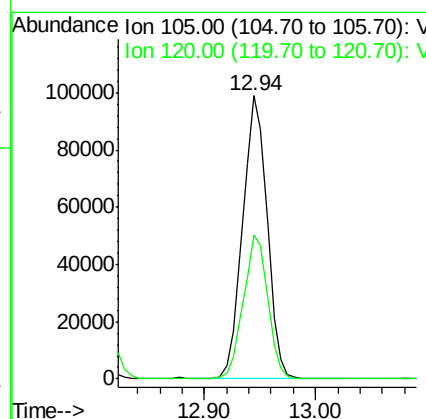
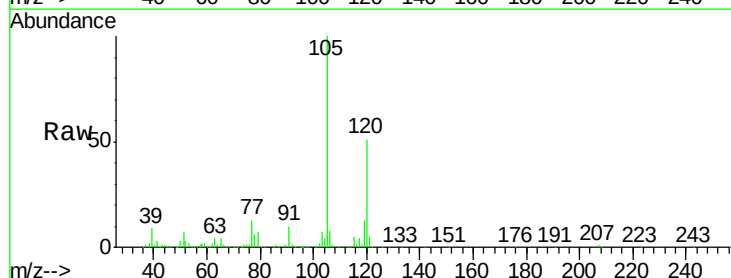
Manual Integrations
 APPROVED

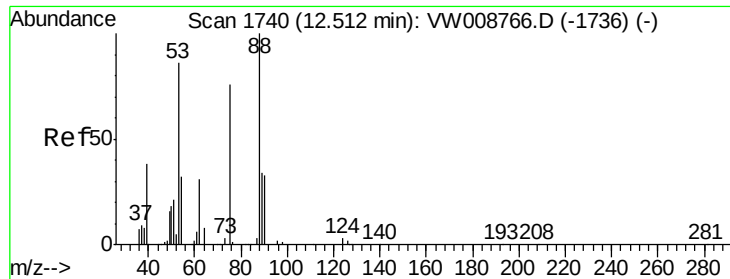
MMDadoda
 2/22/2019 12:25:02 PM



#80
 1,3,5-Trimethylbenzene
 Concen: 9.593 ug/l
 RT: 12.94 min Scan# 1811
 Delta R.T. 0.00 min
 Lab File: VW008764.D
 Acq: 21 Feb 2019 11:22

Tgt Ion: 105 Resp: 150603
 Ion Ratio Lower Upper
 105 100
 120 50.5 24.8 74.4





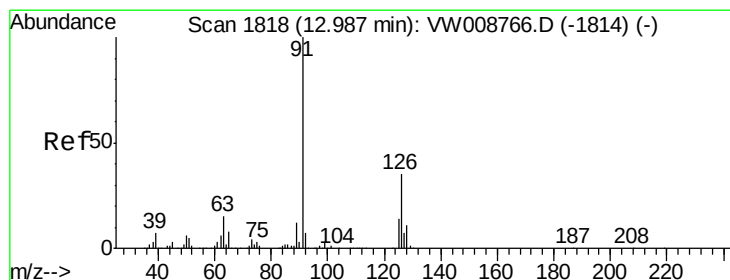
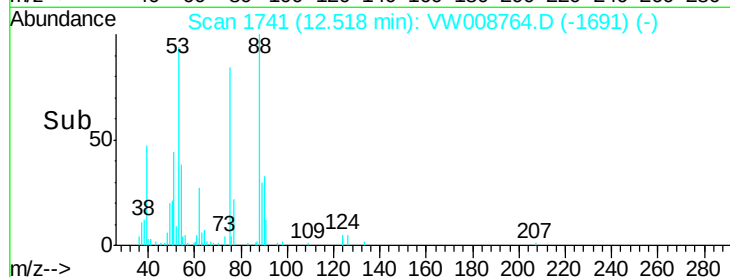
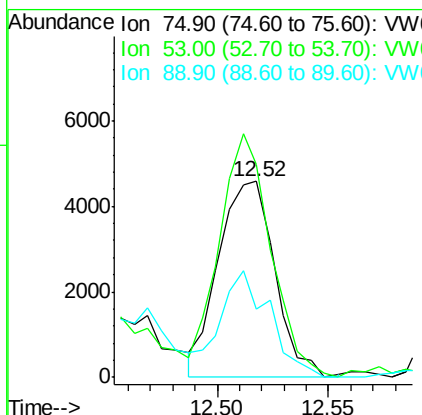
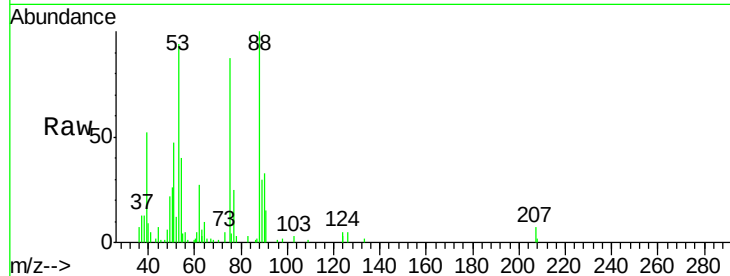
#81
trans-1,4-Dichloro-2-butene
Concen: 9.038 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.01 min
Lab File: VW008764.D
Acq: 21 Feb 2019 11:22

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Lower	Upper
75	100		
53	113.5	88.2	132.2
89	48.0	39.5	59.3

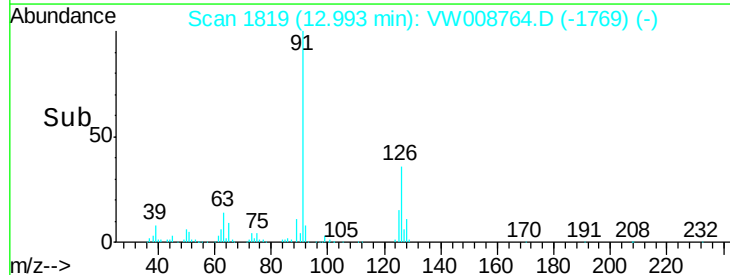
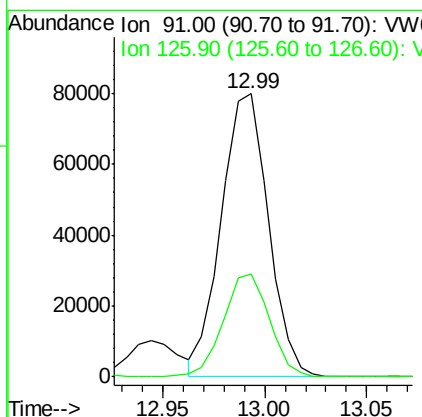
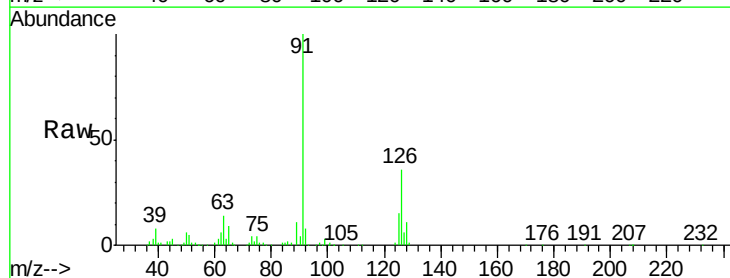
Manual Integrations
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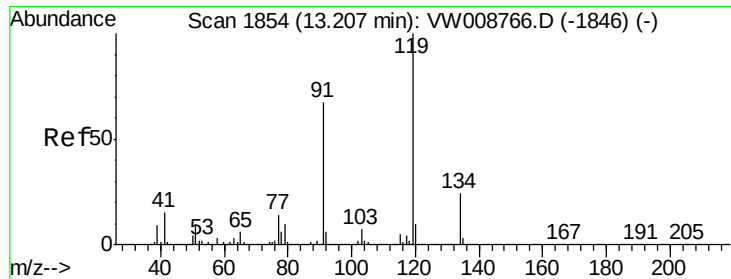
MMDadoda
2/22/2019 12:25:02 PM



#82
4-Chlorotoluene
Concen: 9.654 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.01 min
Lab File: VW008764.D
Acq: 21 Feb 2019 11:22

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.7	17.2	51.6





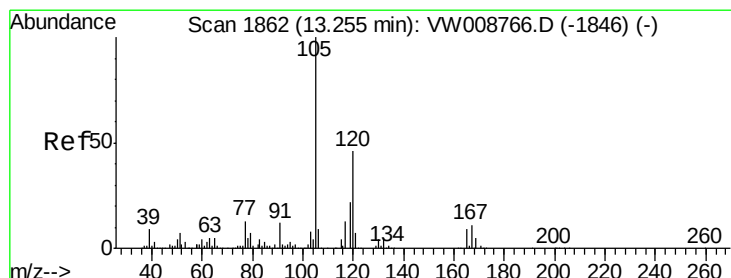
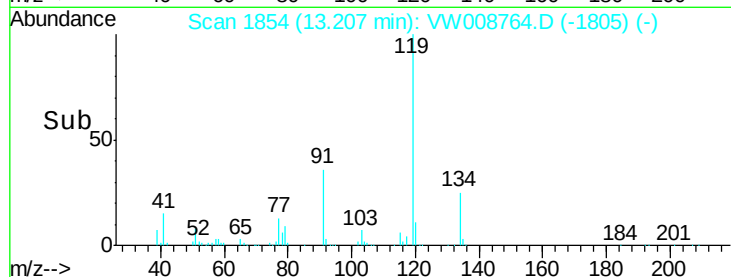
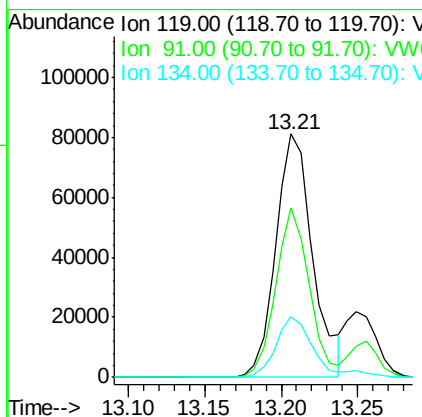
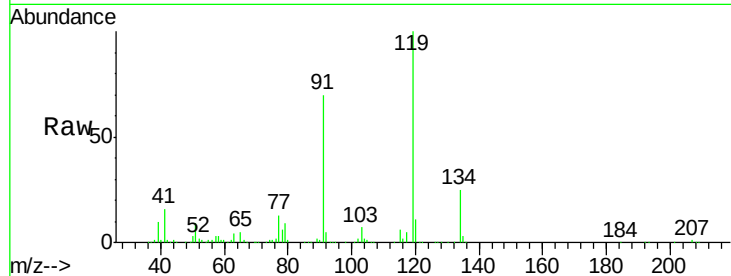
#83
 tert-Butylbenzene
 Concen: 10.016 ug/l
 RT: 13.21 min Scan# 1854
 Delta R.T. 0.00 min
 Lab File: VW008764.D
 Acq: 21 Feb 2019 11:22

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
119	100	135966		
91	63.5		33.6	100.8
134	25.9		13.7	41.1

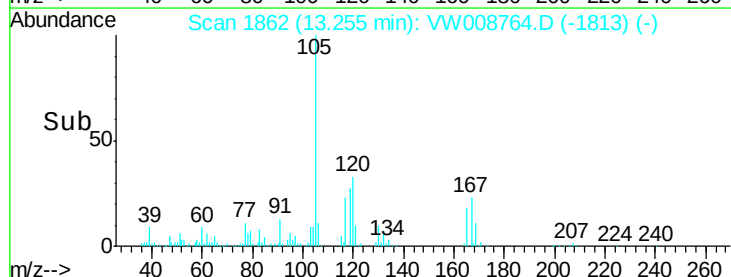
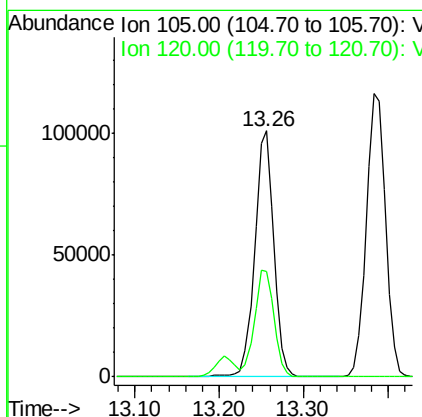
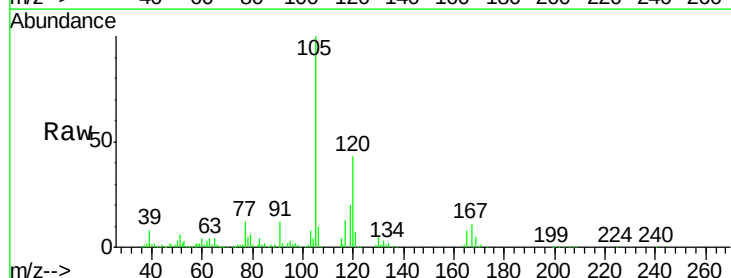
Manual Integrations
 APPROVED

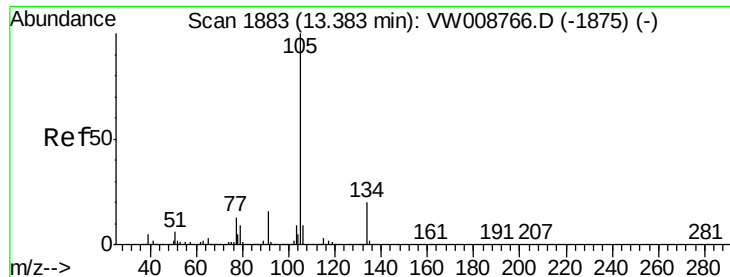
MMDadoda
 2/22/2019 12:25:02 PM



#84
 1,2,4-Trimethylbenzene
 Concen: 9.634 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. 0.00 min
 Lab File: VW008764.D
 Acq: 21 Feb 2019 11:22

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	156572		
120	44.5		22.8	68.4





#85

sec-Butylbenzene

Concen: 9.492 ug/l

RT: 13.38 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VW008764.D

Acq: 21 Feb 2019 11:22

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC010

Tot Ion:105 Resp: 185288

Ion Ratio Lower Upper

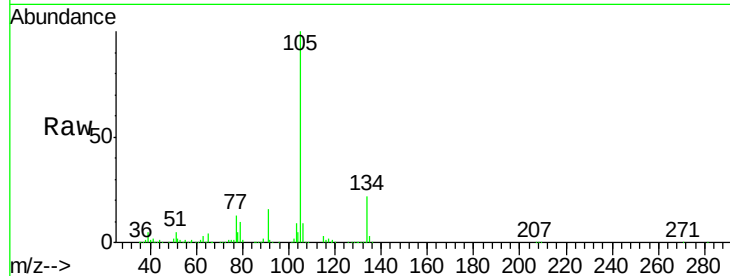
105 100

134 20.9 10.4 31.1

Manual Integrations
APPROVED

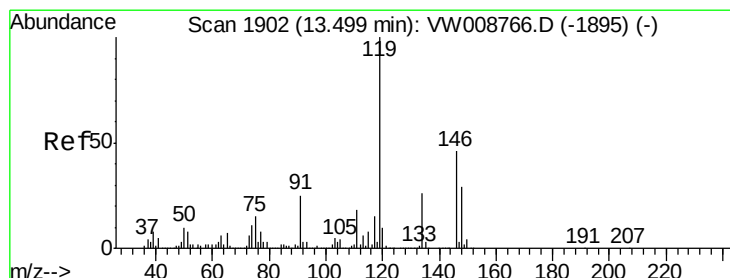
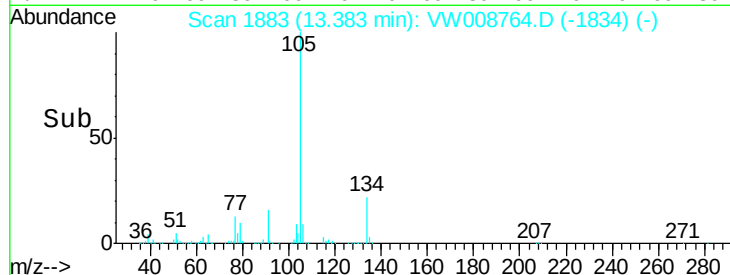
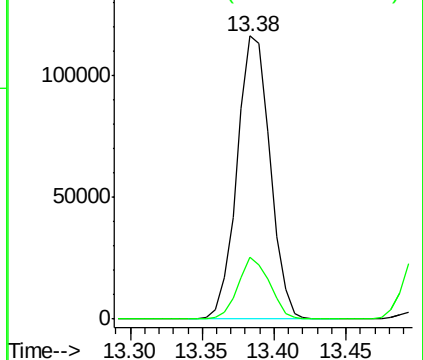
MMDadoda

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 9.404 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. 0.00 min

Lab File: VW008764.D

Acq: 21 Feb 2019 11:22

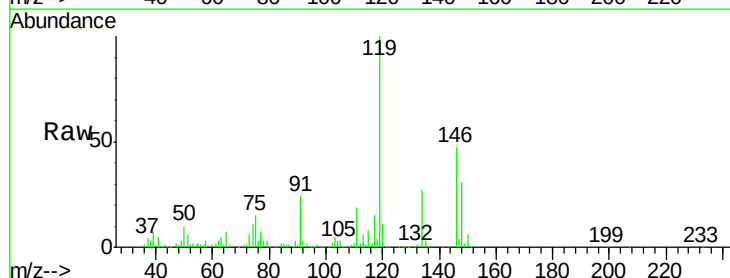
Tgt Ion:119 Resp: 168280

Ion Ratio Lower Upper

119 100

134 27.3 13.1 39.3

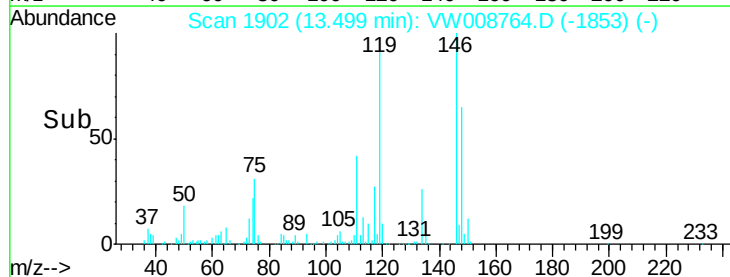
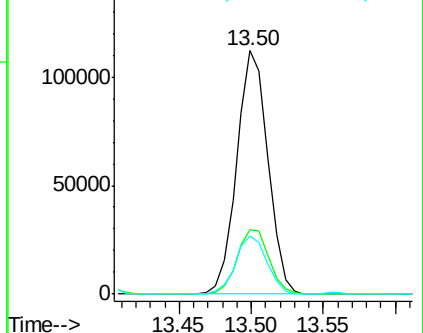
91 23.8 12.1 36.3

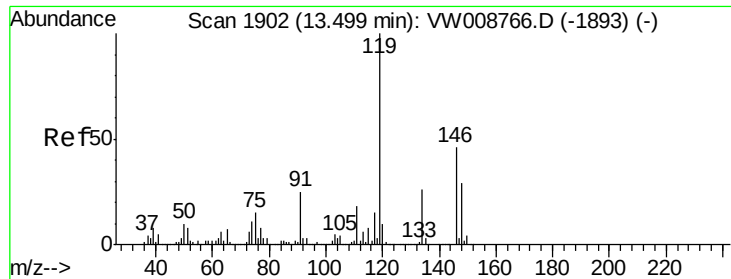


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





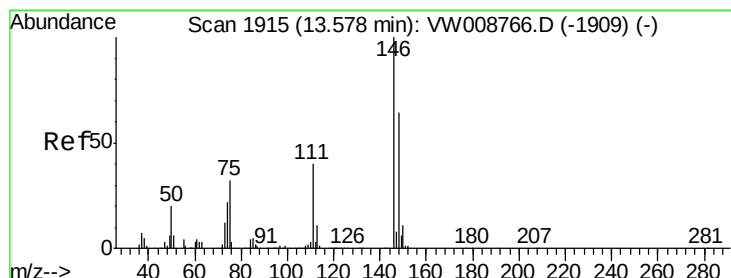
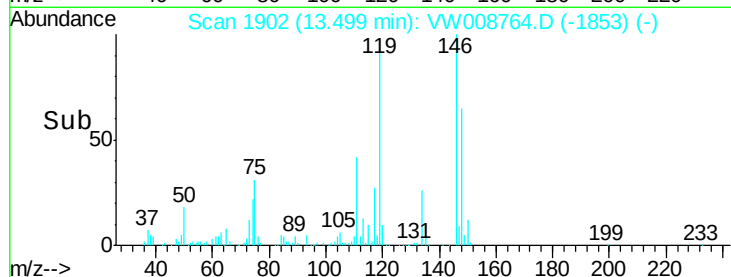
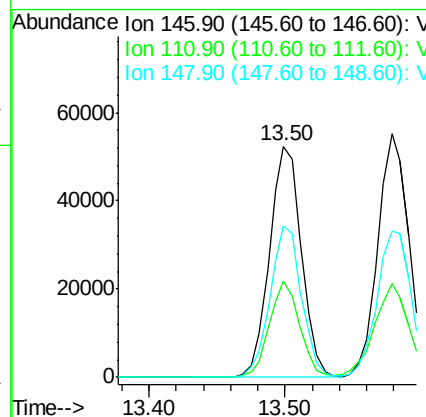
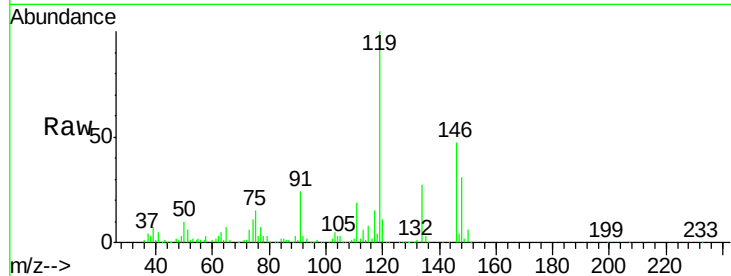
#87
 1,3-Dichlorobenzene
 Concen: 9.652 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. 0.00 min
 Lab File: VW008764.D
 Acq: 21 Feb 2019 11:22

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.7	19.9	59.7
148	65.0	31.6	94.8

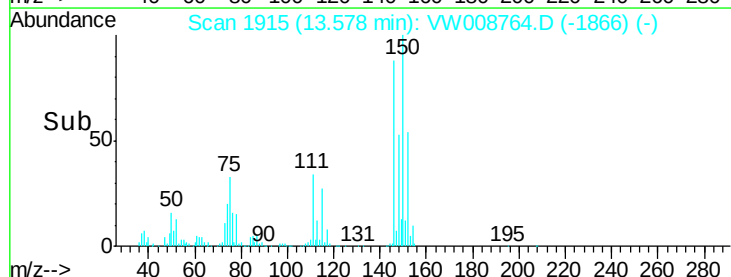
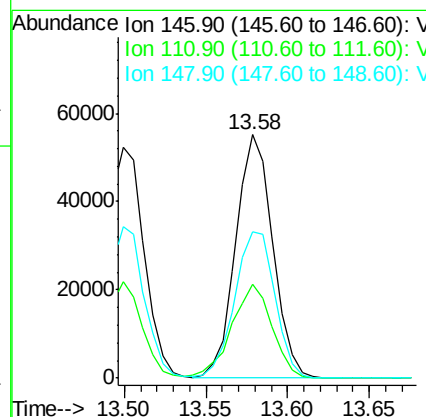
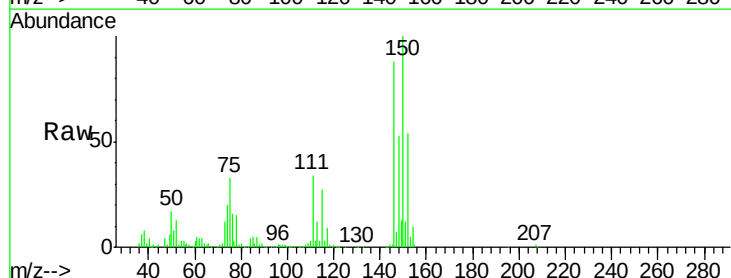
Manual Integrations
 APPROVED

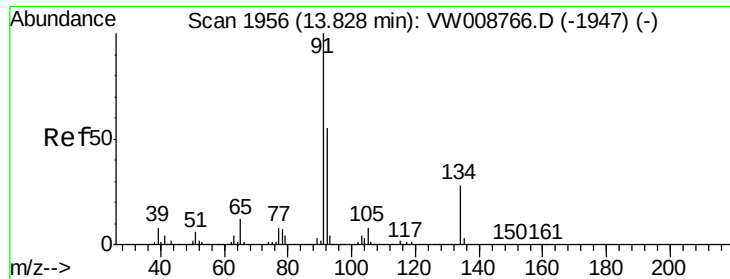
MMDadoda
 2/22/2019 12:25:02 PM



#88
 1,4-Dichlorobenzene
 Concen: 9.993 ug/l
 RT: 13.58 min Scan# 1915
 Delta R.T. 0.00 min
 Lab File: VW008764.D
 Acq: 21 Feb 2019 11:22

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.9	19.3	57.9
148	65.7	31.9	95.9





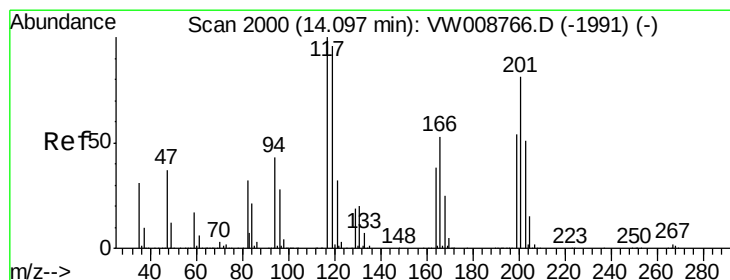
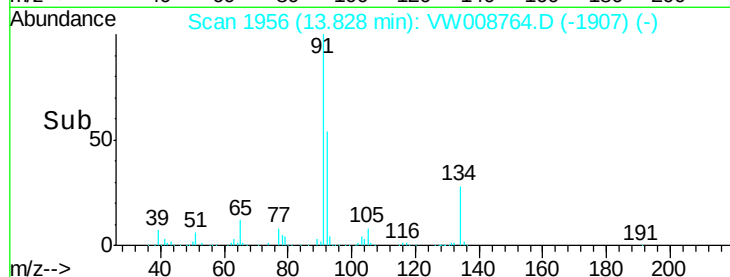
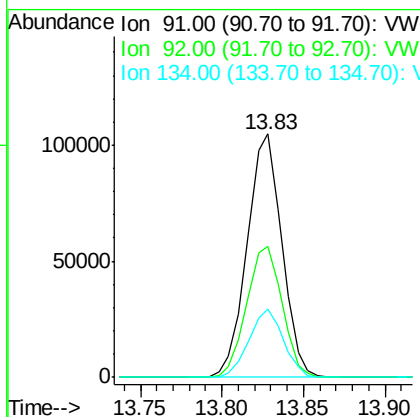
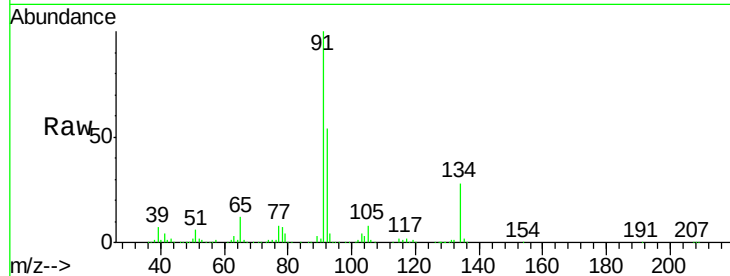
#89
n-Butylbenzene
Concen: 9.315 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW008764.D
Acq: 21 Feb 2019 11:22

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
91	100	156152		
92	55.0	26.8	80.4	
134	27.8	13.5	40.4	

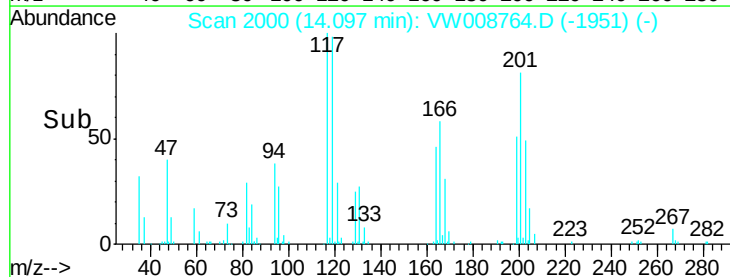
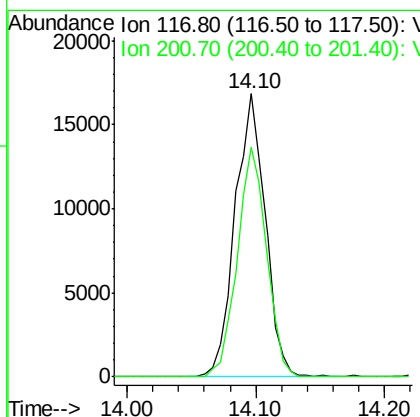
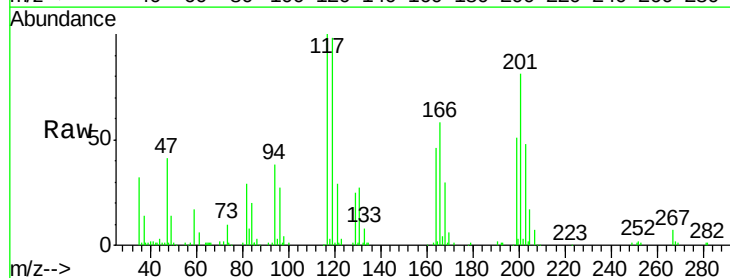
Manual Integrations
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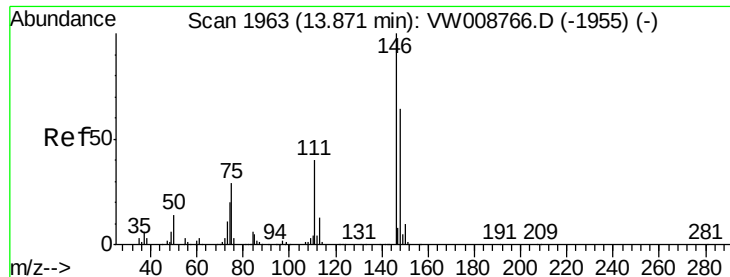
MMDadoda
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#90
Hexachloroethane
Concen: 9.335 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW008764.D
Acq: 21 Feb 2019 11:22

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	27345		
201	78.4	40.3	120.8	





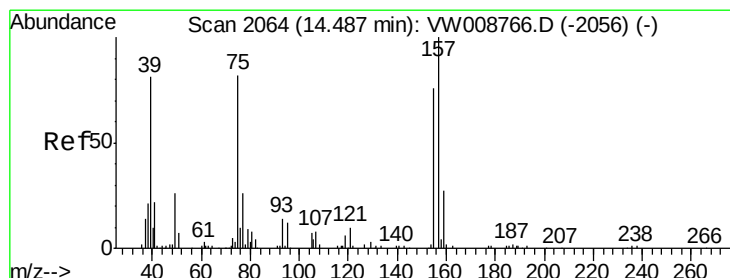
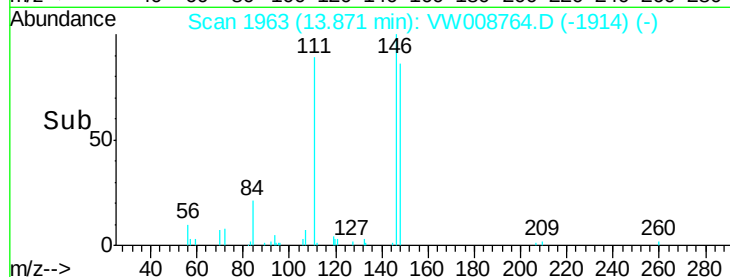
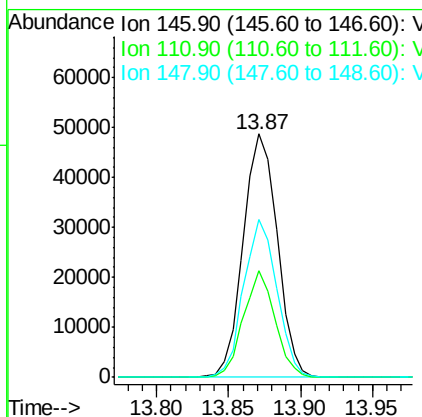
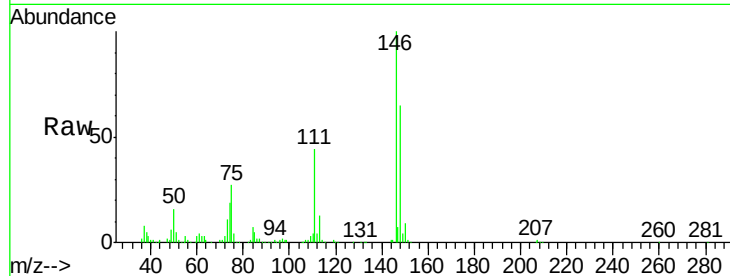
#91
 1,2-Dichlorobenzene
 Concen: 10.124 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. 0.00 min
 Lab File: VW008764.D
 Acq: 21 Feb 2019 11:22

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.6	20.3	60.8
148	63.0	32.5	97.5

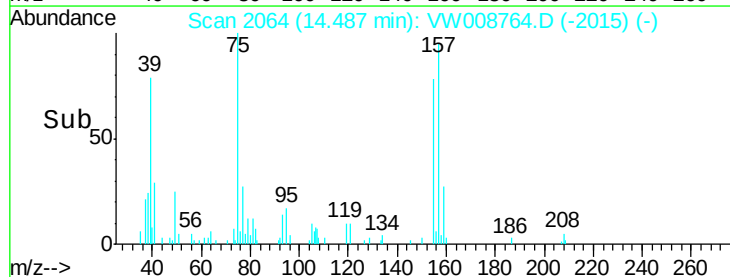
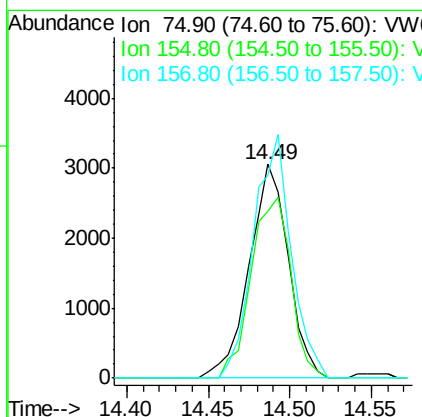
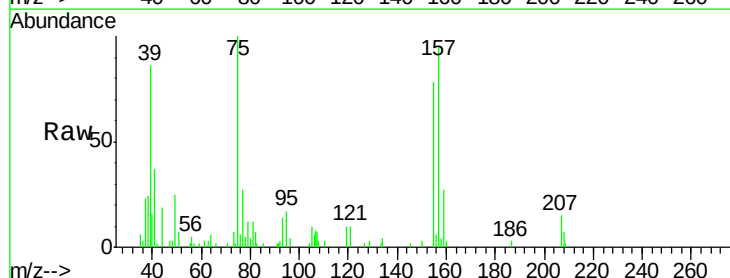
Manual Integrations
 APPROVED

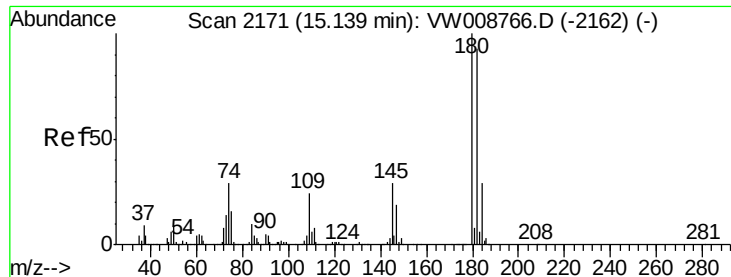
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 9.566 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW008764.D
 Acq: 21 Feb 2019 11:22

Tgt Ion	Ratio	Lower	Upper
75	100		
155	85.8	41.8	125.4
157	109.2	56.6	169.9





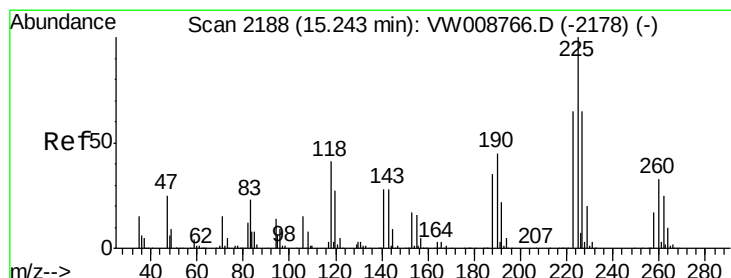
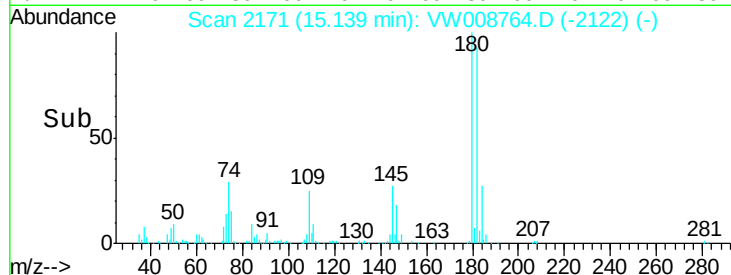
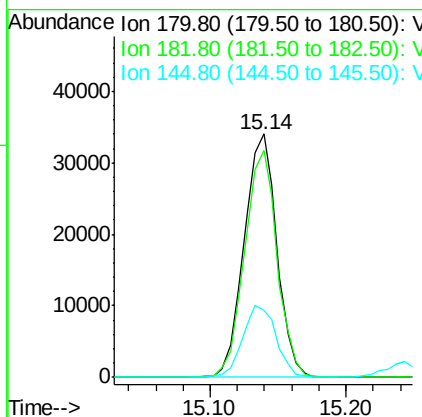
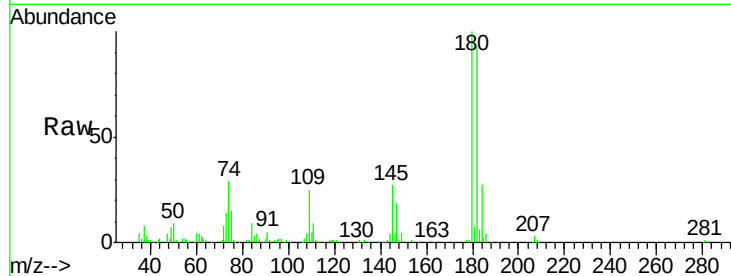
#93
 1,2,4-Trichlorobenzene
 Concen: 10.064 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW008764.D
 Acq: 21 Feb 2019 11:22

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC010

Tot Ion	Ratio	Lower	Upper
180	100		
182	92.9	47.2	141.6
145	30.3	14.4	43.0

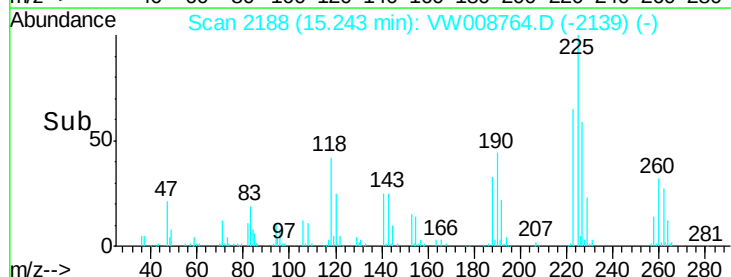
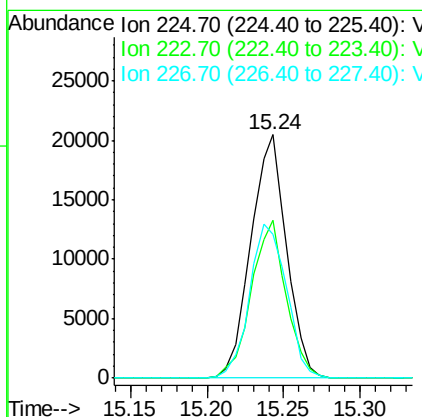
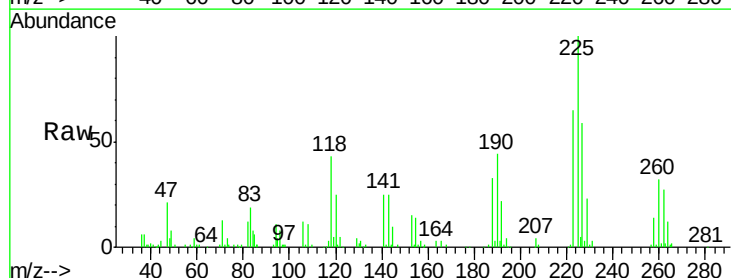
Manual Integrations
 APPROVED

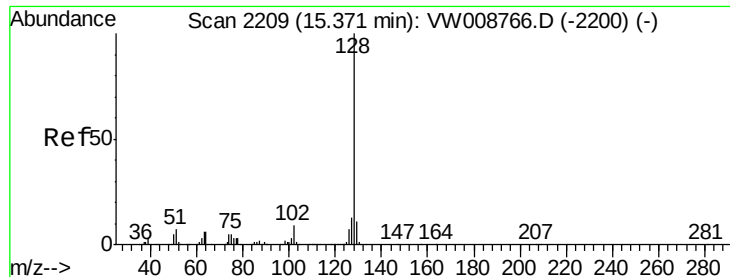
MMDadoda
 2/22/2019 12:25:02 PM



#94
 Hexachlorobutadiene
 Concen: 9.935 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW008764.D
 Acq: 21 Feb 2019 11:22

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.3	31.5	94.5
227	65.2	31.6	94.8





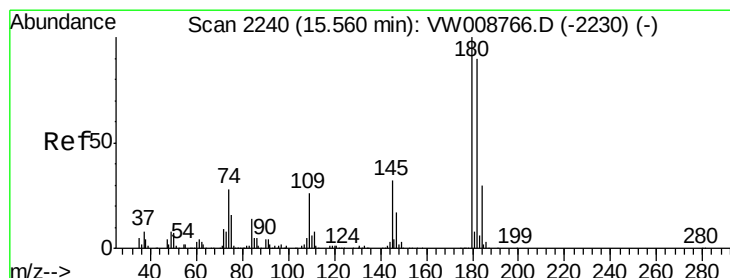
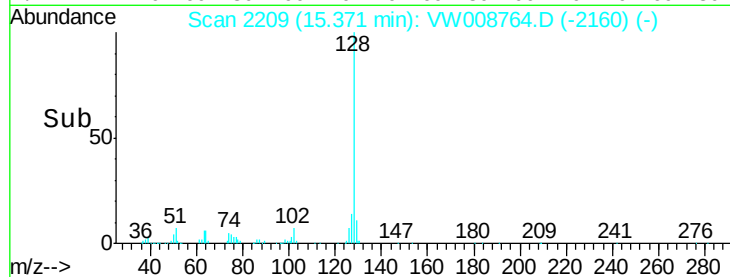
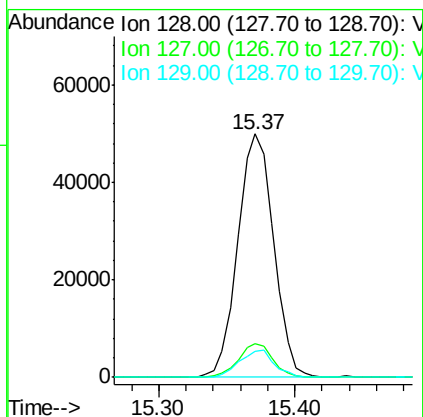
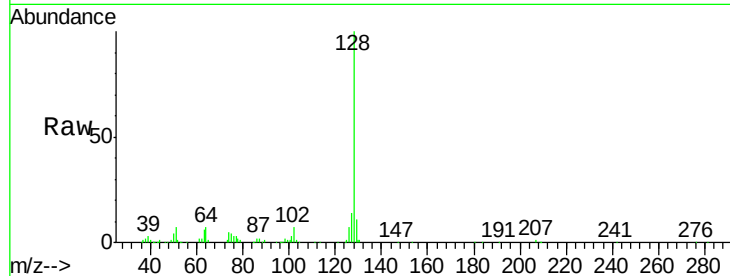
#95
Naphthalene
Concen: 9.485 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW008764.D
Acq: 21 Feb 2019 11:22

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Tot Ion	Ratio	Resp	Lower	Upper
128	100	91831		
127	13.2		10.8	16.2
129	11.1		8.7	13.1

Manual Integrations
APPROVED

MMDadoda
2/22/2019 12:25:02 PM



#96
1,2,3-Trichlorobenzene
Concen: 10.034 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. 0.00 min
Lab File: VW008764.D
Acq: 21 Feb 2019 11:22

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	49335		
182	94.9		46.9	140.8
145	32.6		15.9	47.6

