

Data File : VV009262.D
Acq On : 24 Jan 2019 16:34
Operator : SY/MD
Sample : MDL06
Misc : 5.00G/5ML/MSVOA_V/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
MDL06

Quant Time: Jan 24 23:27:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\82V012419S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 24 23:18:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.73	168	72700	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.66	114	120809	50.00	ug/l	0.00
63) Chlorobenzene-d5	8.89	117	113641	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.30	152	55347	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.07	65	48579	54.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.76%	
35) Dibromofluoromethane	4.64	113	42541	53.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.74%	
50) Toluene-d8	7.36	98	162354	53.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.98%	
62) 4-Bromofluorobenzene	10.12	95	59688	50.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.96%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.15	85	1234	2.031 ug/l	91
3) Chloromethane	1.24	50	2195	2.658 ug/l	97
4) Vinyl Chloride	1.32	62	2080	2.486 ug/l	93
5) Bromomethane	1.53	94	1530	3.232 ug/l	99
6) Chloroethane	1.60	64	1202	2.739 ug/l	94
7) Trichlorofluoromethane	1.76	101	1092	2.763 ug/l	96
8) Diethyl Ether	1.96	74	1032	2.622 ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.13	101	1975	2.807 ug/l #	91
10) Methyl Iodide	2.26	142	3009	2.595 ug/l #	92
11) Tert butyl alcohol	2.65	59	4926	55.209 ug/l #	76
12) 1,1-Dichloroethene	2.13	96	1856	2.538 ug/l	91
13) Acrolein	2.06	56	554	13.095 ug/l	89
14) Allyl chloride	2.42	41	2871	2.629 ug/l	91
15) Acrylonitrile	2.76	53	2501	13.569 ug/l	99
16) Acetone	2.18	43	4203	19.199 ug/l	98
17) Carbon Disulfide	2.31	76	5096	2.482 ug/l	97
18) Methyl Acetate	2.45	43	2536	4.178 ug/l #	89
19) Methyl tert-butyl Ether	2.80	73	3177	2.776 ug/l	93
20) Methylene Chloride	2.53	84	3539	4.304 ug/l #	96
21) trans-1,2-Dichloroethene	2.78	96	2032	2.684 ug/l	95
22) Diisopropyl ether	3.33	45	7292	2.793 ug/l	86
23) Vinyl Acetate	3.30	43	17503	10.876 ug/l	98
24) 1,1-Dichloroethane	3.22	63	3488	2.164 ug/l #	96
25) 2-Butanone	4.03	43	3956	12.451 ug/l	98
26) 2,2-Dichloropropane	3.94	77	1616	1.977 ug/l	91
27) cis-1,2-Dichloroethene	3.95	96	2680	2.791 ug/l	98
28) Bromochloromethane	4.29	49	1392	2.152 ug/l #	94
29) Tetrahydrofuran	4.39	42	2596	14.335 ug/l	88
30) Chloroform	4.42	83	4228	2.610 ug/l	91
31) Cyclohexane	4.72	56	5348	3.598 ug/l #	74
32) 1,1,1-Trichloroethane	4.65	97	3203	2.543 ug/l	96
36) 1,1-Dichloropropene	4.87	75	3692	3.052 ug/l	93
37) Ethyl Acetate	4.13	43	266	3.818 ug/l #	70
38) Carbon Tetrachloride	4.87	117	2913	2.435 ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.17	83	4069	2.684	ug/l	88
40) Benzene	5.14	78	9881	2.773	ug/l	100
41) Methacrylonitrile	4.32	41	837	2.375	ug/l #	88
42) 1,2-Dichloroethane	5.17	62	3045	2.748	ug/l	78
43) Isopropyl Acetate	5.33	43	3023	2.580	ug/l #	90
44) Trichloroethene	5.96	130	2660	2.797	ug/l	93
45) 1,2-Dichloropropane	6.22	63	2350	2.679	ug/l	98
46) Dibromomethane	6.35	93	1166	2.372	ug/l #	86
47) Bromodichloromethane	6.55	83	2928	2.533	ug/l	99
48) Methyl methacrylate	6.42	41	1340	2.305	ug/l	94
49) 1,4-Dioxane	6.43	88	331	42.919	ug/l	97
51) 4-Methyl-2-Pentanone	7.28	43	7778	12.612	ug/l	99
52) Toluene	7.43	92	6207	2.758	ug/l	99
53) t-1,3-Dichloropropene	7.69	75	2450	2.096	ug/l	94
54) cis-1,3-Dichloropropene	7.07	75	2955	2.228	ug/l #	88
55) 1,1,2-Trichloroethane	7.88	97	1876	2.737	ug/l	95
56) Ethyl methacrylate	7.84	69	1955	2.361	ug/l	94
57) 1,3-Dichloropropane	8.05	76	3224	2.640	ug/l	97
59) 2-Hexanone	8.19	43	5166	11.652	ug/l	92
60) Dibromochloromethane	8.29	129	1759	2.245	ug/l	100
61) 1,2-Dibromoethane	8.40	107	1777	2.581	ug/l	99
64) Tetrachloroethene	8.02	164	2220	2.833	ug/l	90
65) Chlorobenzene	8.92	112	6838	2.668	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.02	131	2216	2.590	ug/l	94
67) Ethyl Benzene	9.05	91	11451	2.634	ug/l	99
68) m/p-Xylenes	9.18	106	8398	5.035	ug/l	99
69) o-Xylene	9.59	106	3781	2.426	ug/l	97
70) Styrene	9.60	104	5759	2.269	ug/l	94
71) Bromoform	9.77	173	1000	2.168	ug/l #	100
73) Isopropylbenzene	9.97	105	10804	2.629	ug/l	100
74) N-amyl acetate	9.84	43	1994	2.073	ug/l #	95
75) 1,1,2,2-Tetrachloroethane	10.29	83	2229	2.637	ug/l	98
76) 1,2,3-Trichloropropane	10.32	75	1954	2.991	ug/l #	49
77) Bromobenzene	10.26	156	2737	2.854	ug/l	96
78) n-propylbenzene	10.40	91	13896	2.858	ug/l	97
79) 2-Chlorotoluene	10.47	91	8815	3.008	ug/l	97
80) 1,3,5-Trimethylbenzene	10.59	105	9014	2.607	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.12	75	29652	128.921	ug/l #	10
82) 4-Chlorotoluene	10.59	91	9876	2.842	ug/l	96
83) tert-Butylbenzene	10.91	119	8718	2.612	ug/l	97
84) 1,2,4-Trimethylbenzene	10.96	105	9378	2.642	ug/l	96
85) sec-Butylbenzene	11.14	105	11477	2.638	ug/l	98
86) p-Isopropyltoluene	11.29	119	10746	2.799	ug/l	96
87) 1,3-Dichlorobenzene	11.23	146	5857	3.016	ug/l	98
88) 1,4-Dichlorobenzene	11.32	146	6343	3.200	ug/l	93
89) n-Butylbenzene	11.70	91	10311	2.774	ug/l	98
90) Hexachloroethane	11.95	117	1614	2.377	ug/l	94
91) 1,2-Dichlorobenzene	11.69	146	5212	2.991	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.48	75	383	2.714	ug/l	72
93) 1,2,4-Trichlorobenzene	13.31	180	3944	3.230	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV012419\
Quantitation Report (Not Reviewed)

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.50	225	2238	3.206	ug/l	97
95) Naphthalene	13.56	128	6514	2.663	ug/l	97
96) 1,2,3-Trichlorobenzene	13.80	180	3564	3.309	ug/l	99

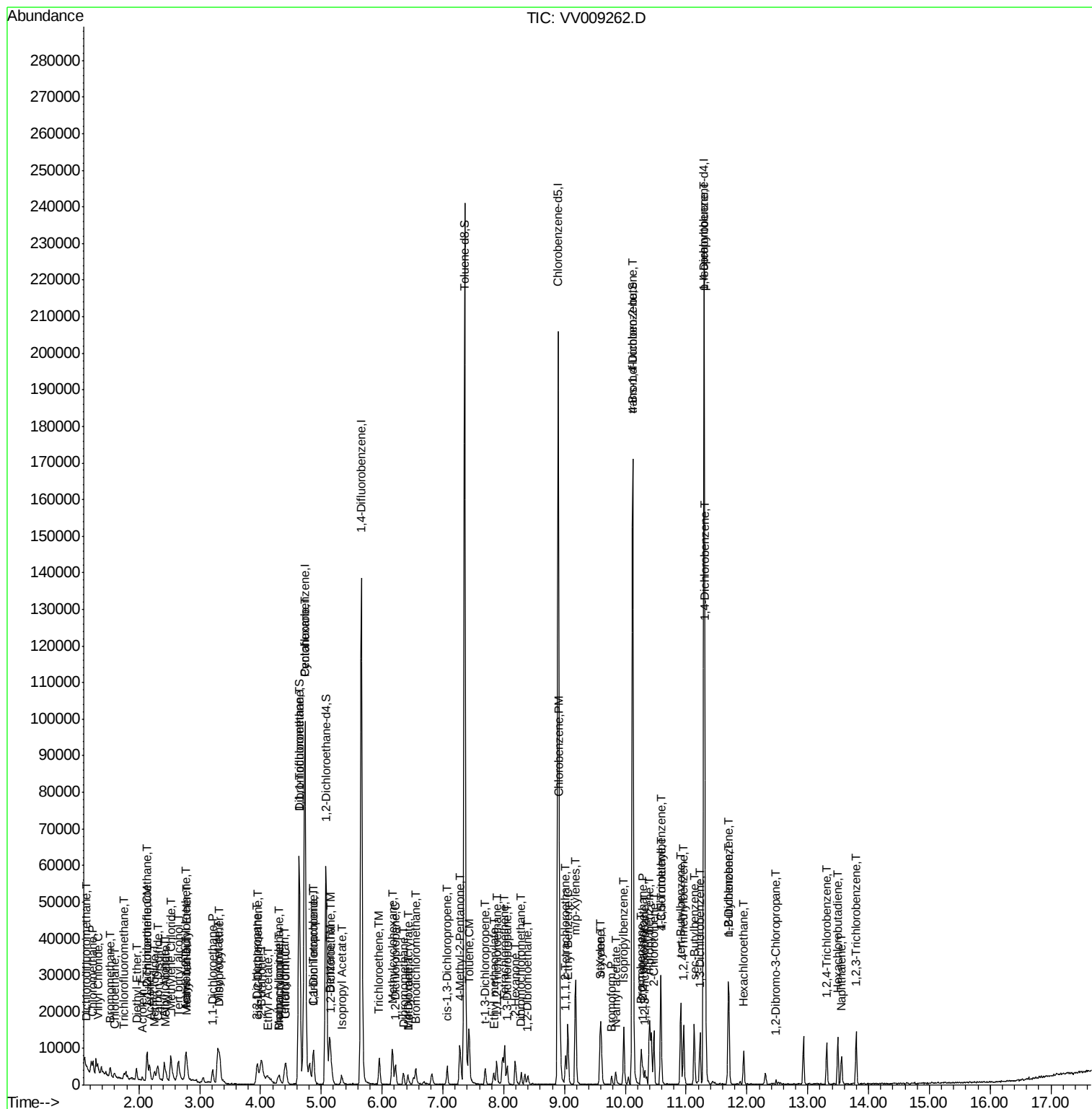
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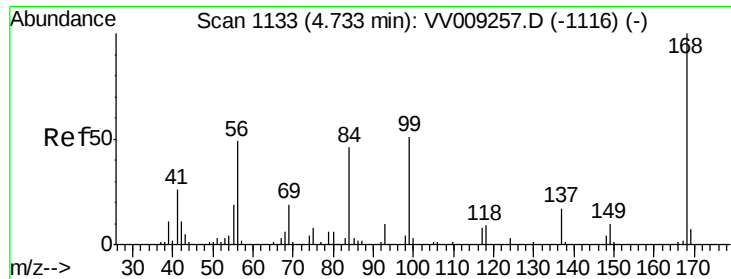
Data File : VV009262.D

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.73 min Scan# 1132

Delta R.T. -0.00 min

Lab File: VV009262.D

Acq: 24 Jan 2019 16:34

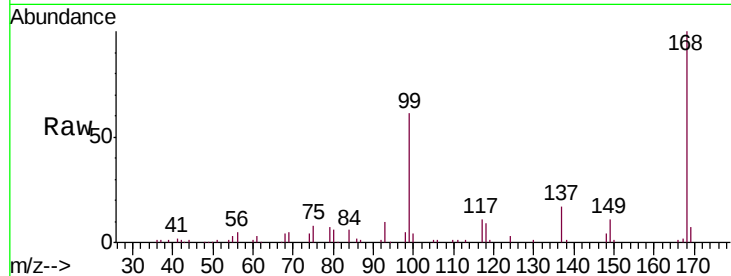
Instrument :
MSVOA_V
ClientSampleId :
MDL06

Tgt Ion:168 Resp: 72700

Ion Ratio Lower Upper

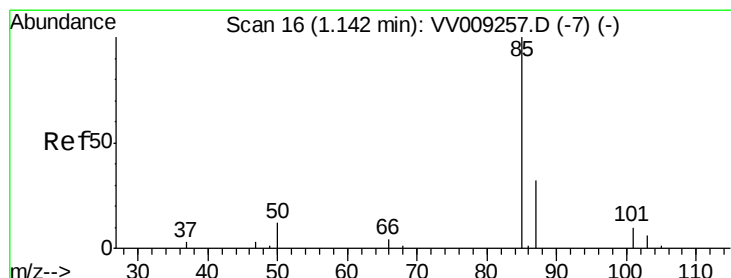
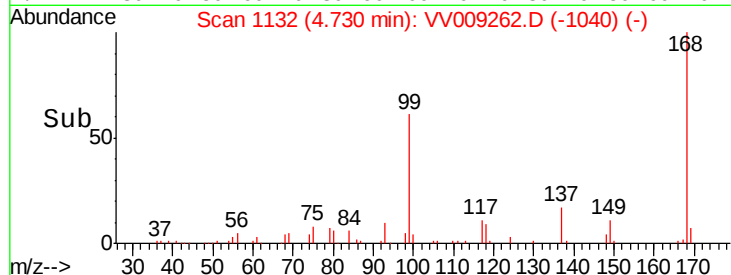
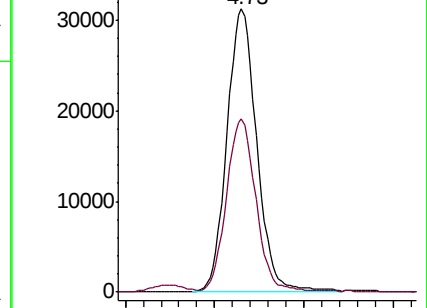
168 100

99 60.9 50.0 75.0



Abundance Ion 167.90 (167.60 to 168.60): VV009257.D (-1116) (-)

Ion 98.90 (98.60 to 99.60): VV009257.D (-1116) (-)



#2

Dichlorodifluoromethane

Concen: 2.031 ug/l

RT: 1.15 min Scan# 17

Delta R.T. 0.00 min

Lab File: VV009262.D

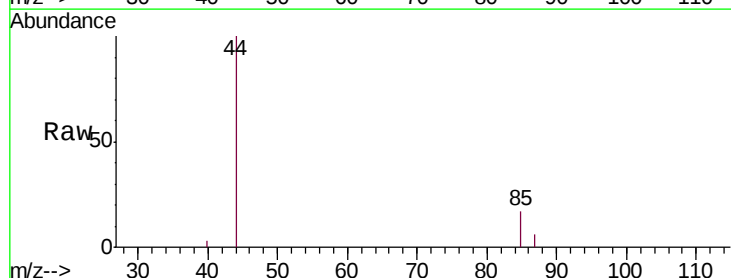
Acq: 24 Jan 2019 16:34

Tgt Ion: 85 Resp: 1234

Ion Ratio Lower Upper

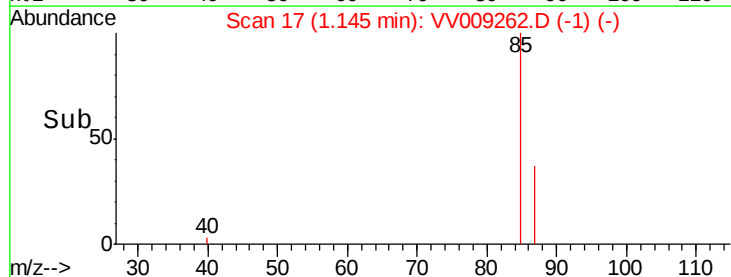
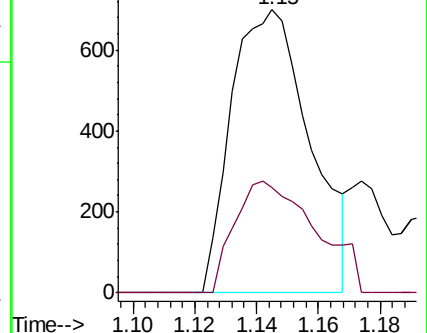
85 100

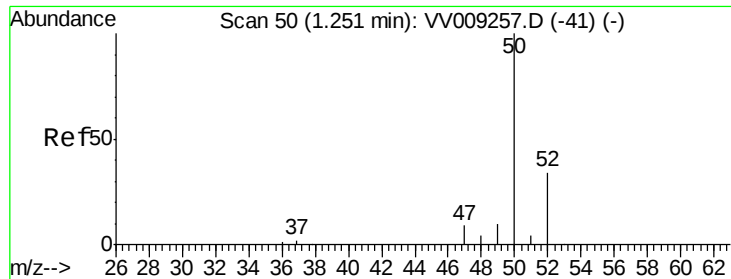
87 37.1 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VV009257.D (-7) (-)

Ion 86.90 (86.60 to 87.60): VV009257.D (-7) (-)

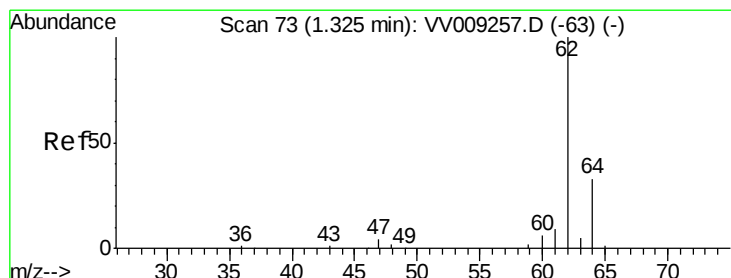
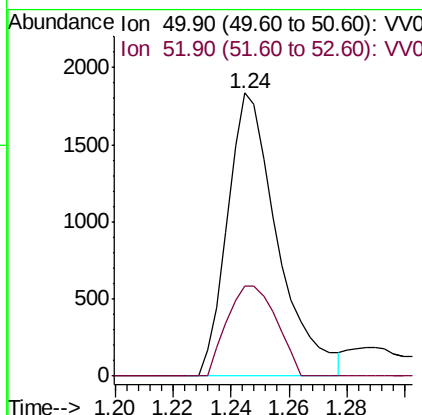
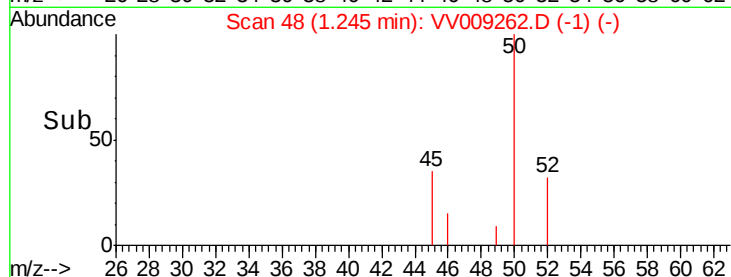
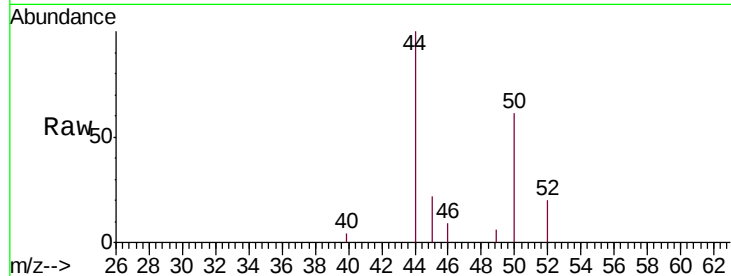




#3
 Chloromethane
 Concen: 2.658 ug/l
 RT: 1.24 min Scan# 48
 Delta R.T. -0.01 min
 Lab File: VV009262.D
 Acq: 24 Jan 2019 16:34

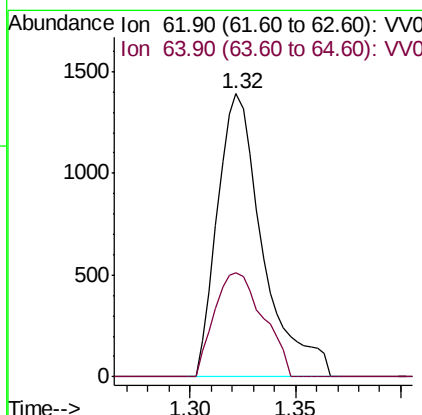
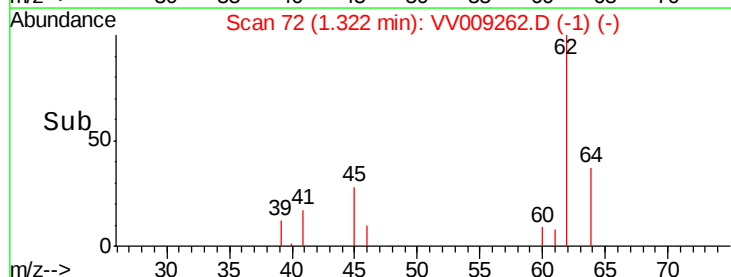
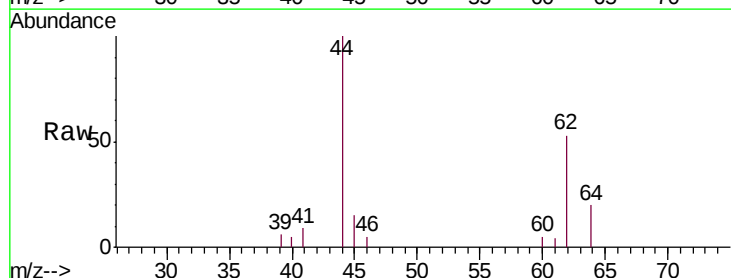
Instrument :
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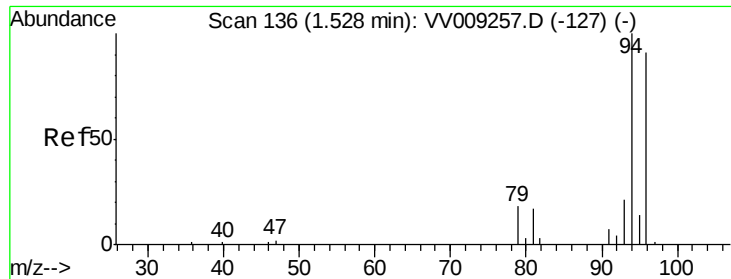
Tgt Ion: 50 Resp: 2195
 Ion Ratio Lower Upper
 50 100
 52 32.0 26.8 40.2



#4
 Vinyl Chloride
 Concen: 2.486 ug/l
 RT: 1.32 min Scan# 72
 Delta R.T. -0.00 min
 Lab File: VV009262.D
 Acq: 24 Jan 2019 16:34

Tgt Ion: 62 Resp: 2080
 Ion Ratio Lower Upper
 62 100
 64 36.9 26.3 39.5

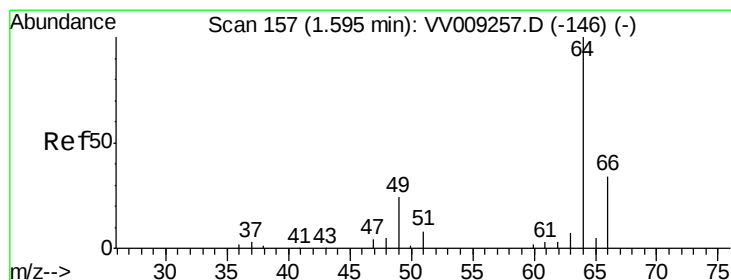
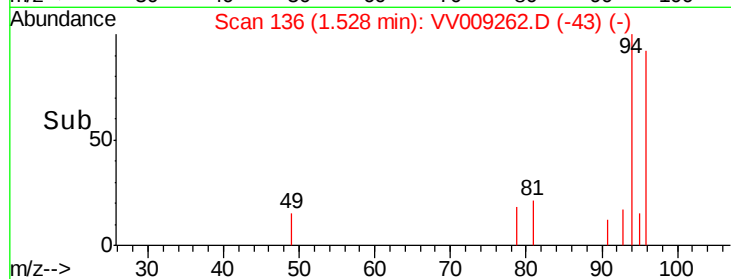
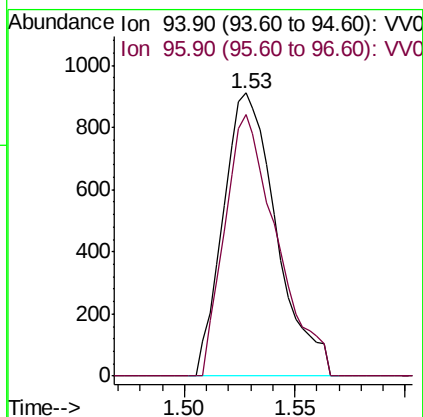
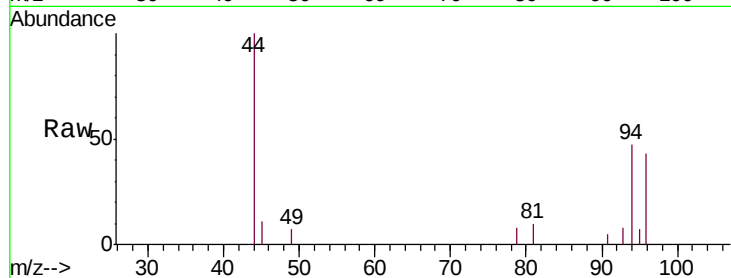




#5
Bromomethane
Concen: 3.232 ug/l
RT: 1.53 min Scan# 136
Delta R.T. 0.00 min
Lab File: VV009262.D
Acq: 24 Jan 2019 16:34

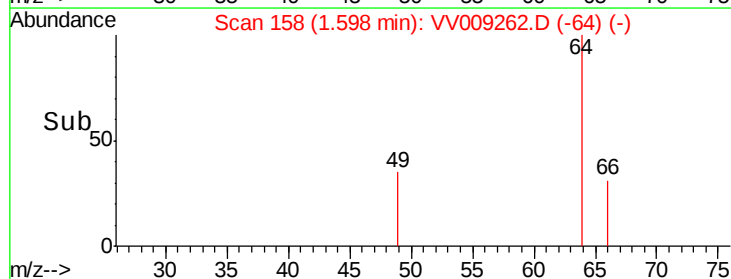
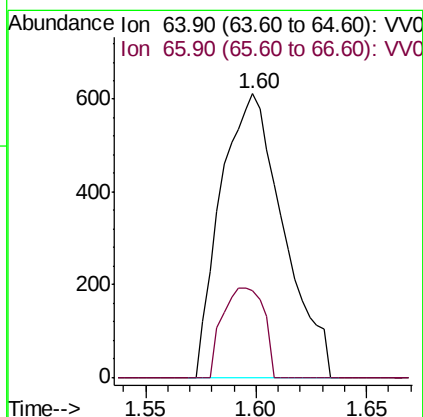
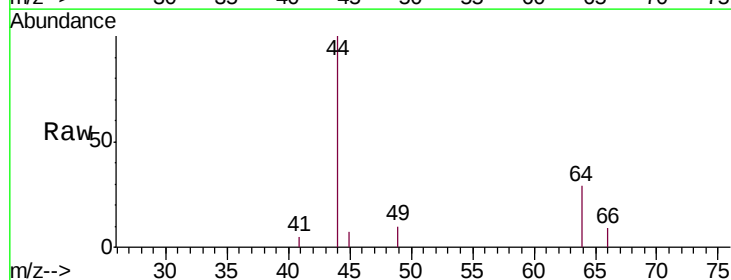
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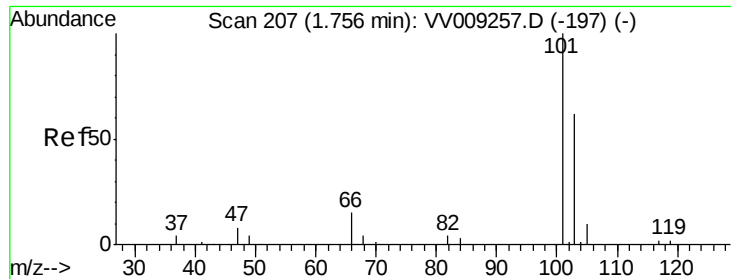
Tgt Ion: 94 Resp: 1530
Ion Ratio Lower Upper
94 100
96 92.2 73.0 109.6



#6
Chloroethane
Concen: 2.739 ug/l
RT: 1.60 min Scan# 158
Delta R.T. 0.00 min
Lab File: VV009262.D
Acq: 24 Jan 2019 16:34

Tgt Ion: 64 Resp: 1202
Ion Ratio Lower Upper
64 100
66 30.6 27.0 40.6



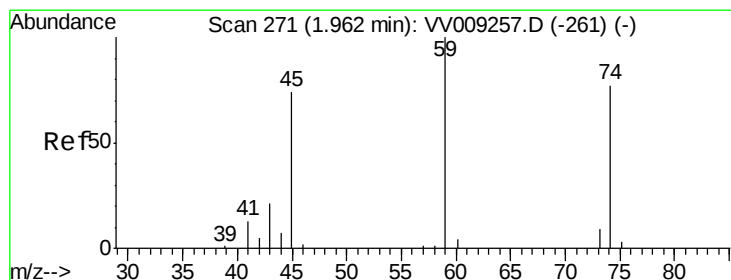
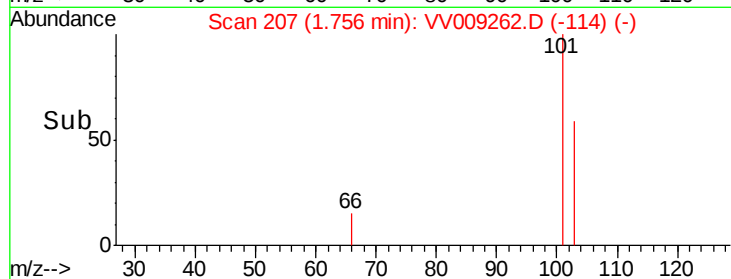
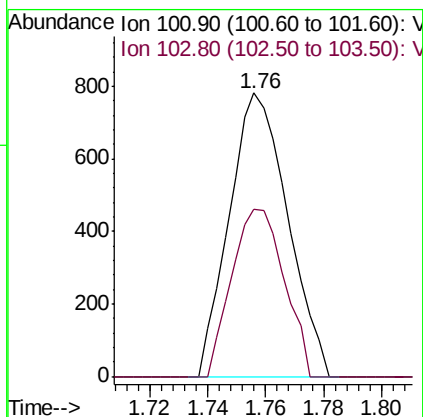
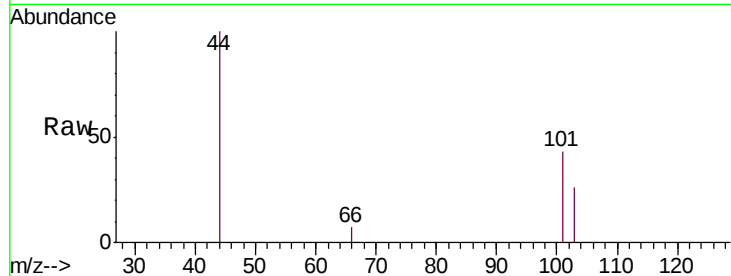


#7

Trichlorofluoromethane
 Concen: 2.763 ug/l
 RT: 1.76 min Scan# 207
 Delta R.T. 0.00 min
 Lab File: VV009262.D
 Acq: 24 Jan 2019 16:34

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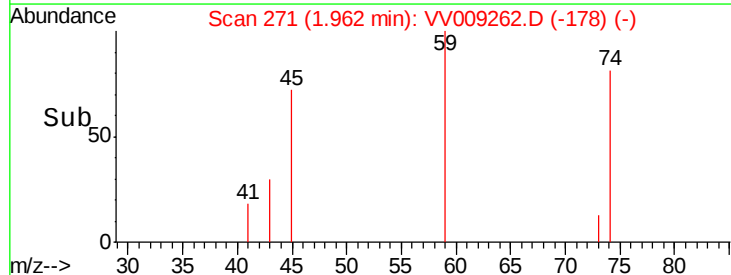
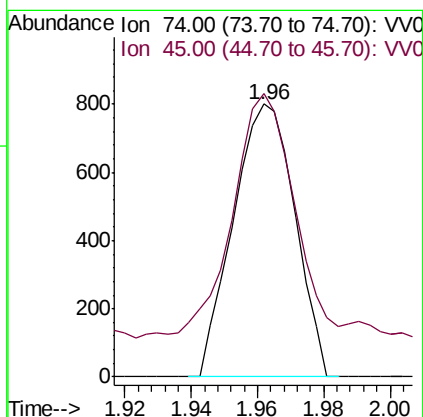
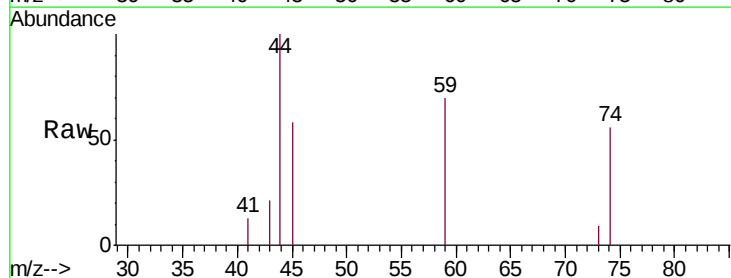
Tgt Ion: 101 Resp: 1092
 Ion Ratio Lower Upper
 101 100
 103 59.2 49.8 74.8

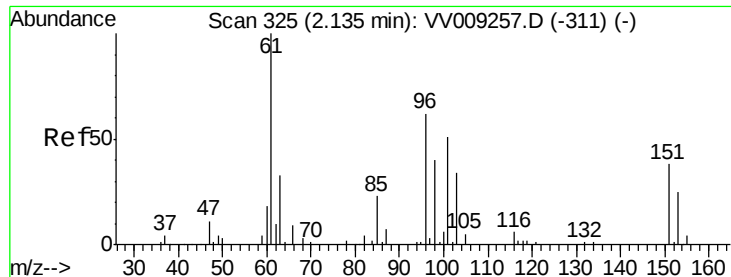


#8

Diethyl Ether
 Concen: 2.622 ug/l
 RT: 1.96 min Scan# 271
 Delta R.T. 0.00 min
 Lab File: VV009262.D
 Acq: 24 Jan 2019 16:34

Tgt Ion: 74 Resp: 1032
 Ion Ratio Lower Upper
 74 100
 45 97.5 47.4 142.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 2.807 ug/l

RT: 2.13 min Scan# 324

Delta R.T. -0.00 min

Lab File: VV009262.D

Acq: 24 Jan 2019 16:34

Instrument :

MSVOA_V

ClientSampled :

MDL06

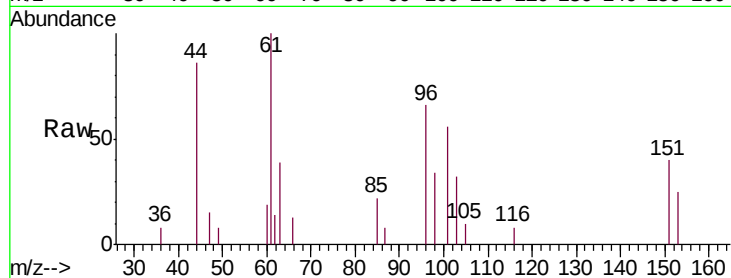
Tgt Ion:101 Resp: 1975

Ion Ratio Lower Upper

101 100

85 32.6 33.8 50.6#

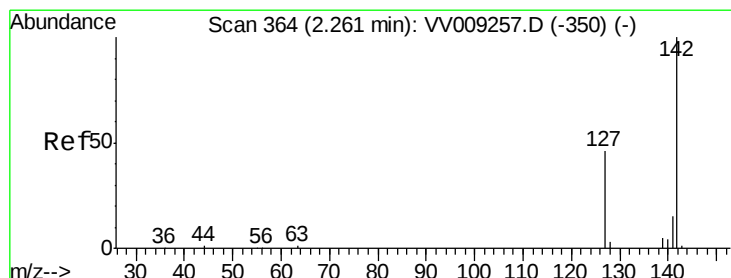
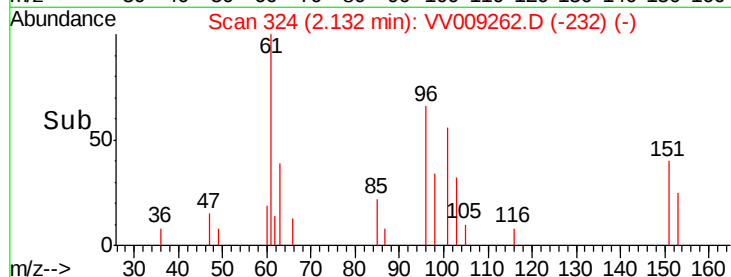
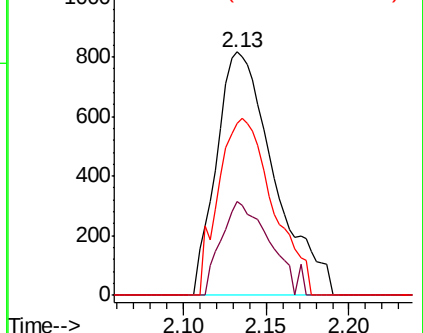
151 68.8 58.3 87.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VV0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 2.595 ug/l

RT: 2.26 min Scan# 363

Delta R.T. -0.00 min

Lab File: VV009262.D

Acq: 24 Jan 2019 16:34

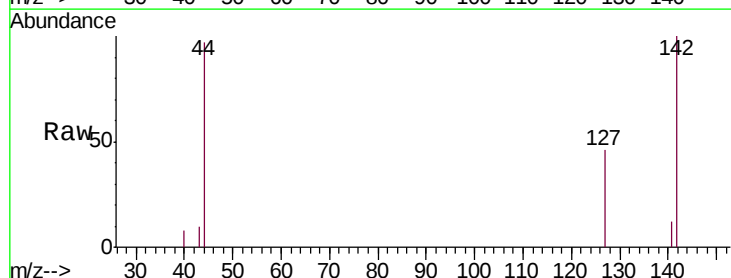
Tgt Ion:142 Resp: 3009

Ion Ratio Lower Upper

142 100

127 42.8 36.8 55.2

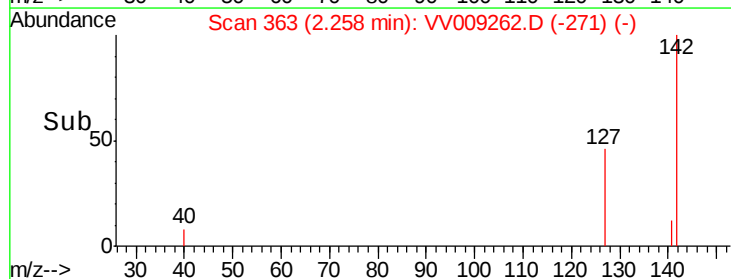
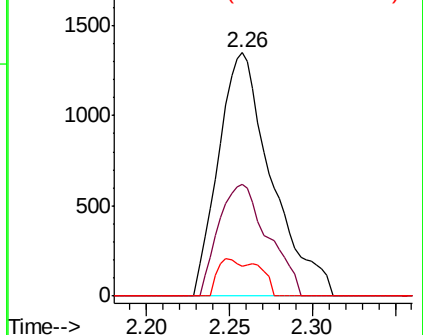
141 6.7 11.6 17.4#

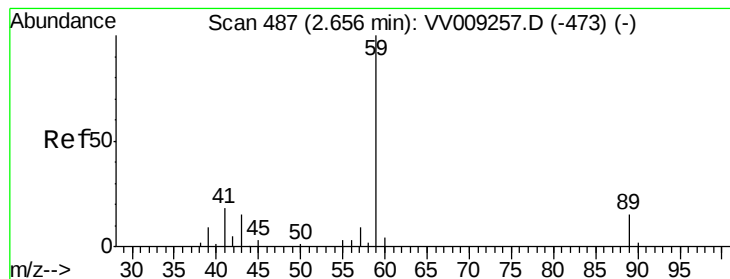


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



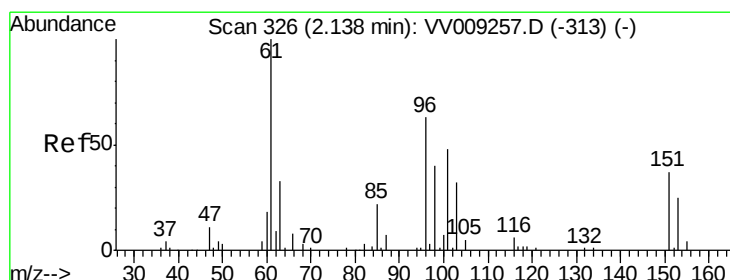
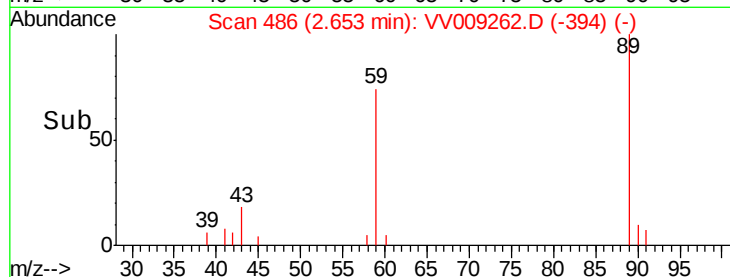
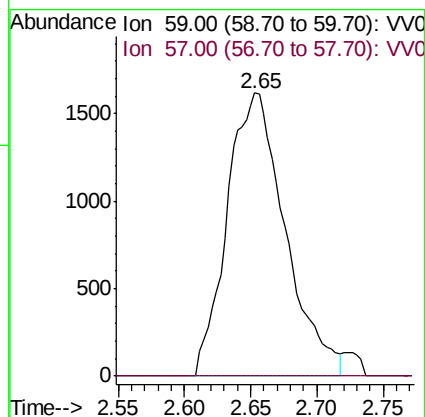
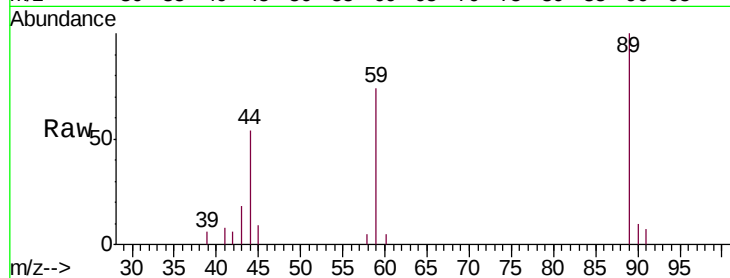


#11

Tert butyl alcohol
 Concen: 55.209 ug/l
 RT: 2.65 min Scan# 486
 Delta R.T. -0.00 min
 Lab File: VV009262.D
 Acq: 24 Jan 2019 16:34

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL06

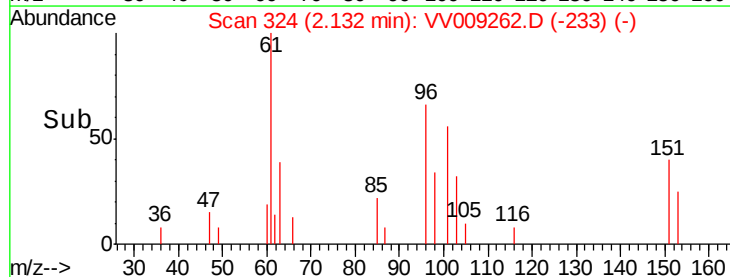
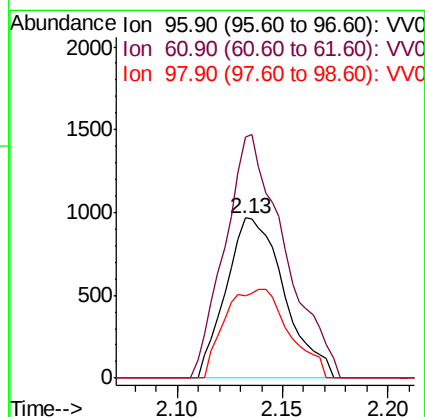
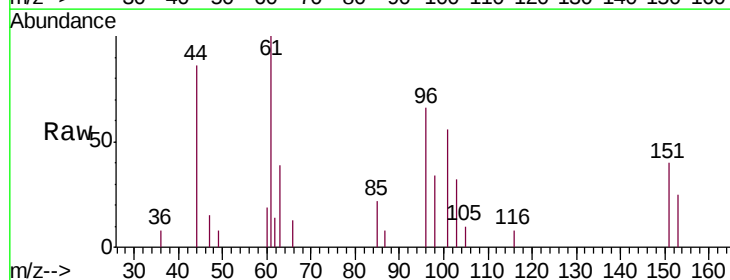
Tgt Ion: 59 Resp: 4926
 Ion Ratio Lower Upper
 59 100
 57 0.0 7.0 10.4#

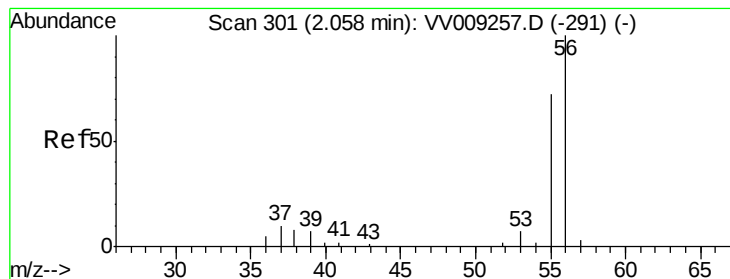


#12

1,1-Dichloroethene
 Concen: 2.538 ug/l
 RT: 2.13 min Scan# 324
 Delta R.T. -0.01 min
 Lab File: VV009262.D
 Acq: 24 Jan 2019 16:34

Tgt Ion: 96 Resp: 1856
 Ion Ratio Lower Upper
 96 100
 61 150.9 127.2 190.8
 98 51.8 51.5 77.3





#13

Acrolein

Concen: 13.095 ug/l

RT: 2.06 min Scan# 301

Delta R.T. 0.00 min

Lab File: VV009262.D

Acq: 24 Jan 2019 16:34

Instrument :

MSVOA_V

ClientSampleId :

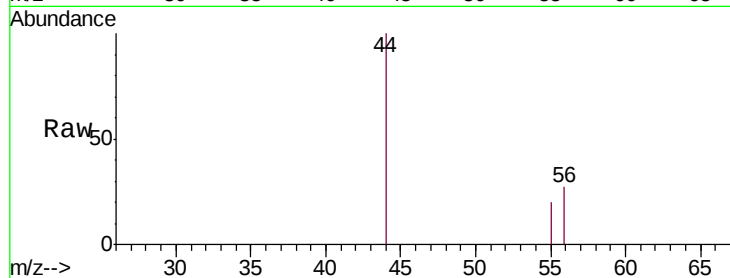
MDL06

Tgt Ion: 56 Resp: 554

Ion Ratio Lower Upper

56 100

55 77.3 54.8 82.2



Abundance Ion 56.00 (55.70 to 56.70): VV0

Ion 55.00 (54.70 to 55.70): VV0

400

300

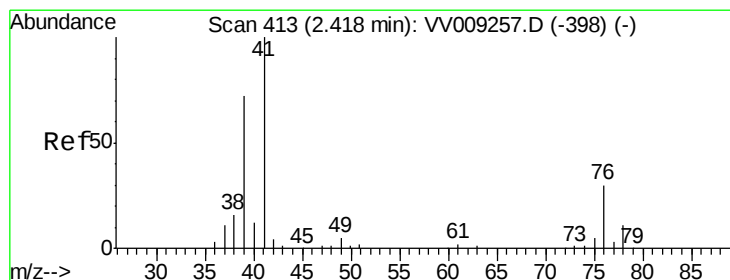
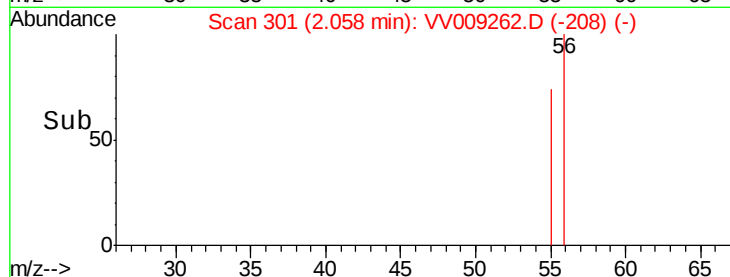
200

100

0

2.02 2.04 2.06 2.08

Time-->



#14

Allyl chloride

Concen: 2.629 ug/l

RT: 2.42 min Scan# 413

Delta R.T. 0.00 min

Lab File: VV009262.D

Acq: 24 Jan 2019 16:34

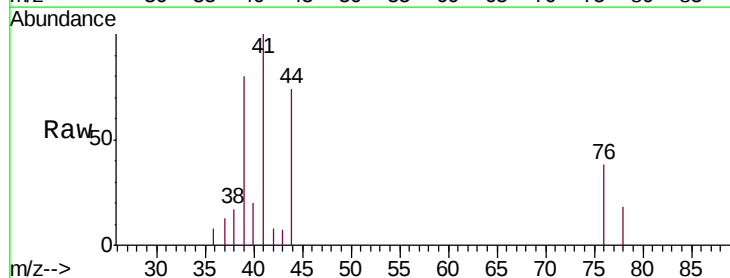
Tgt Ion: 41 Resp: 2871

Ion Ratio Lower Upper

41 100

39 78.7 56.4 84.6

76 34.1 30.6 46.0



Abundance Ion 41.00 (40.70 to 41.70): VV0

Ion 39.00 (38.70 to 39.70): VV0

Ion 75.90 (75.60 to 76.60): VV0

2000

1500

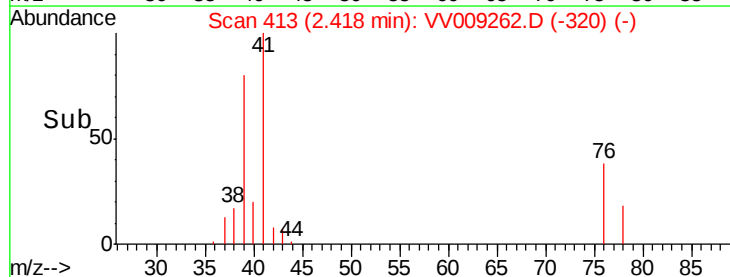
1000

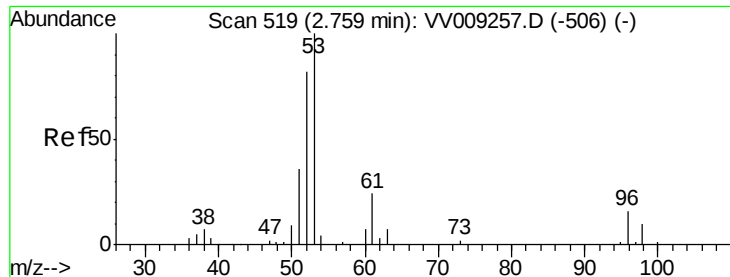
500

0

2.35 2.40 2.45

Time-->





#15

Acrylonitrile

Concen: 13.569 ug/l

RT: 2.76 min Scan# 519

Delta R.T. 0.00 min

Lab File: VV009262.D

Acq: 24 Jan 2019 16:34

Instrument :

MSVOA_V

ClientSampleId :

MDL06

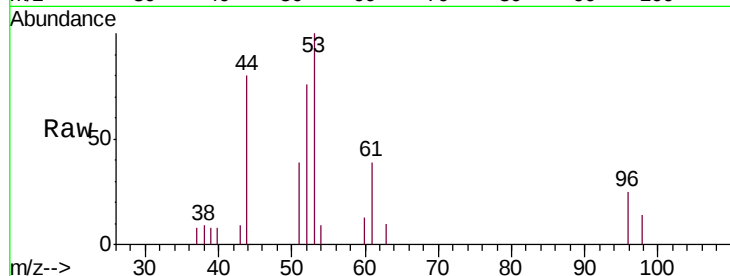
Tgt Ion: 53 Resp: 2501

Ion Ratio Lower Upper

53 100

52 83.9 67.2 100.8

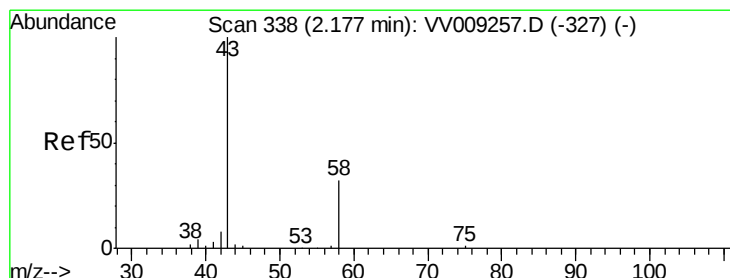
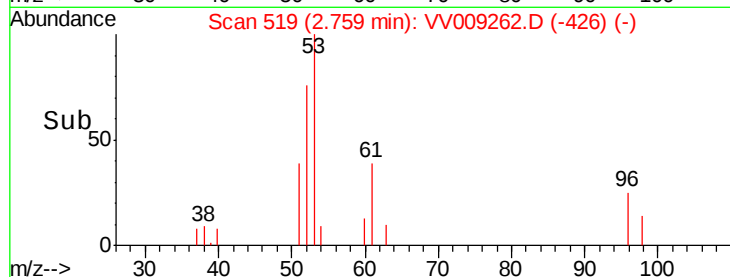
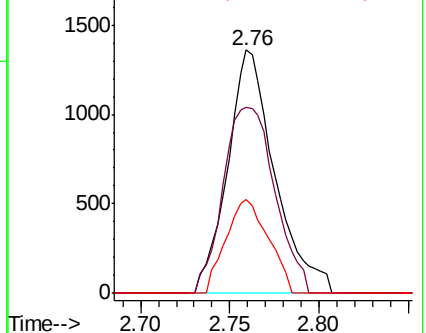
51 34.6 29.7 44.5



Abundance Ion 53.00 (52.70 to 53.70): VV009262.D (-426) (-)

Ion 52.00 (51.70 to 52.70): VV009262.D (-426) (-)

Ion 51.00 (50.70 to 51.70): VV009262.D (-426) (-)



#16

Acetone

Concen: 19.199 ug/l

RT: 2.18 min Scan# 338

Delta R.T. 0.00 min

Lab File: VV009262.D

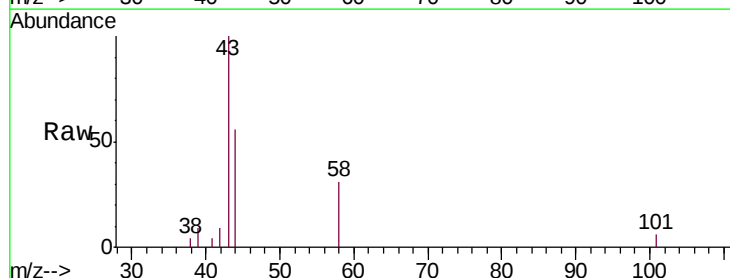
Acq: 24 Jan 2019 16:34

Tgt Ion: 43 Resp: 4203

Ion Ratio Lower Upper

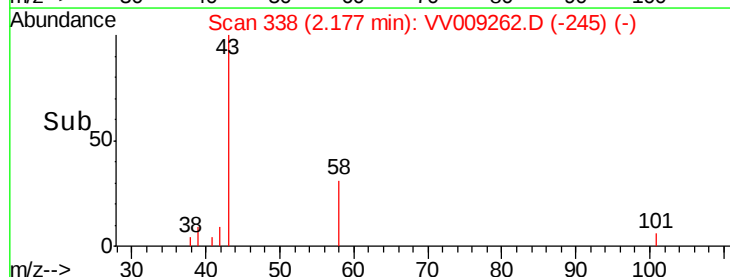
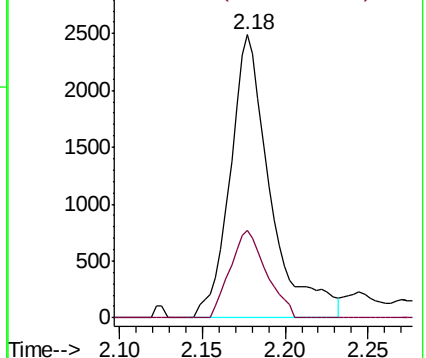
43 100

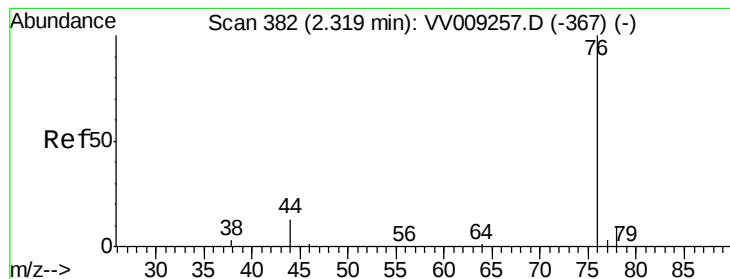
58 30.9 25.8 38.6



Abundance Ion 43.00 (42.70 to 43.70): VV009262.D (-245) (-)

Ion 58.00 (57.70 to 58.70): VV009262.D (-245) (-)





#17

Carbon Disulfide

Concen: 2.482 ug/l

RT: 2.31 min Scan# 380

Delta R.T. -0.01 min

Lab File: VV009262.D

Acq: 24 Jan 2019 16:34

Instrument :

MSVOA_V

ClientSampled :

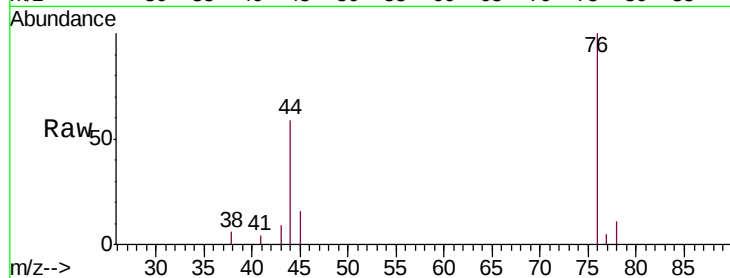
MDL06

Tgt Ion: 76 Resp: 5096

Ion Ratio Lower Upper

76 100

78 10.9 7.9 11.9



Abundance Ion 75.90 (75.60 to 76.60): VV009257.D (-367) (-)

Ion 77.90 (77.60 to 78.60): VV009257.D (-367) (-)

2.31

2500

2000

1500

1000

500

0

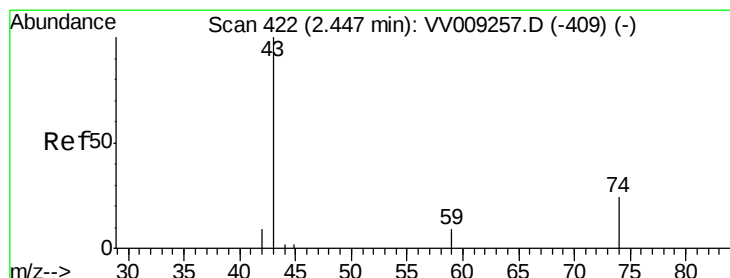
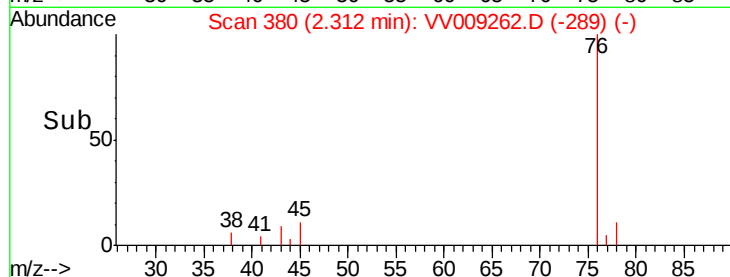
2.25

2.30

2.35

2.40

Time-->



#18

Methyl Acetate

Concen: 4.178 ug/l

RT: 2.45 min Scan# 422

Delta R.T. 0.00 min

Lab File: VV009262.D

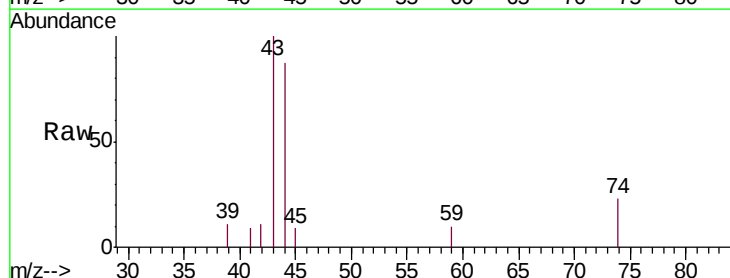
Acq: 24 Jan 2019 16:34

Tgt Ion: 43 Resp: 2536

Ion Ratio Lower Upper

43 100

74 19.0 19.4 29.2#



Abundance Ion 43.00 (42.70 to 43.70): VV009257.D (-409) (-)

Ion 74.00 (73.70 to 74.70): VV009257.D (-409) (-)

2.45

1500

1000

500

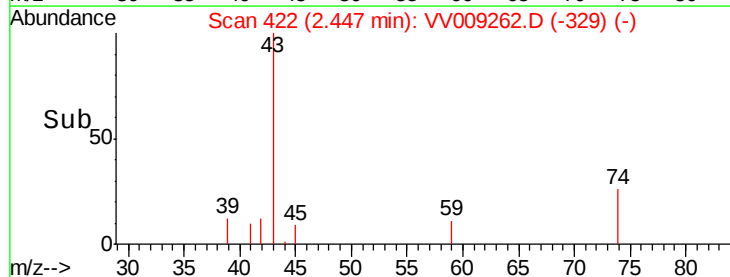
0

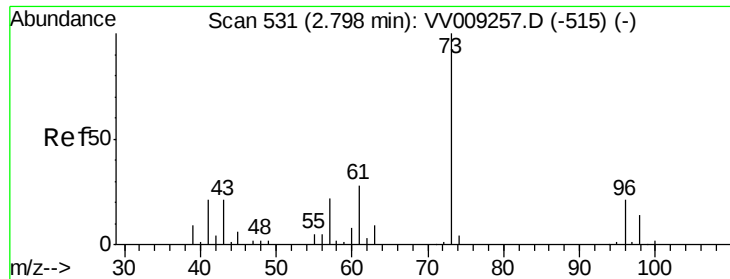
2.40

2.45

2.50

Time-->

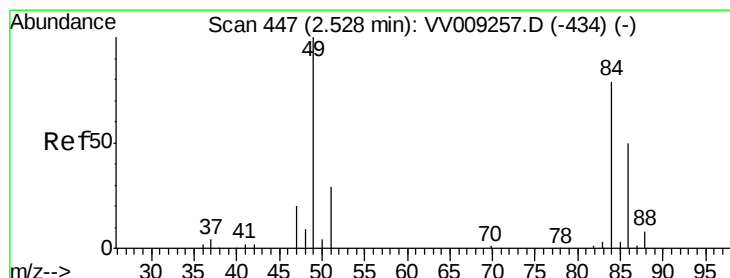
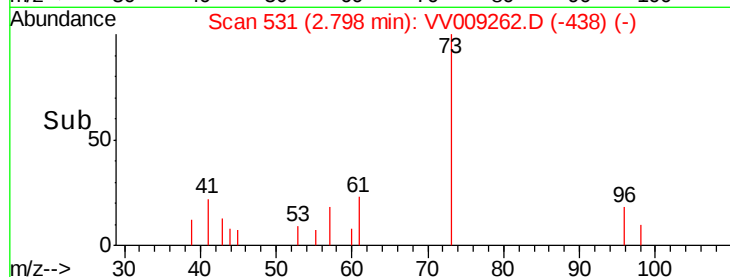
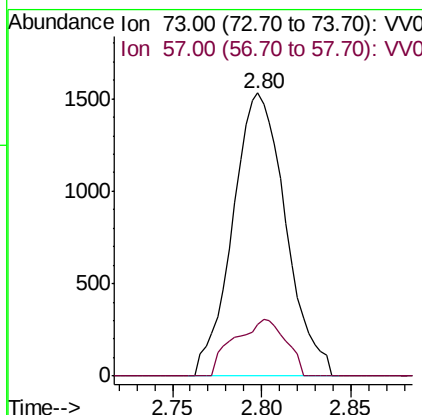
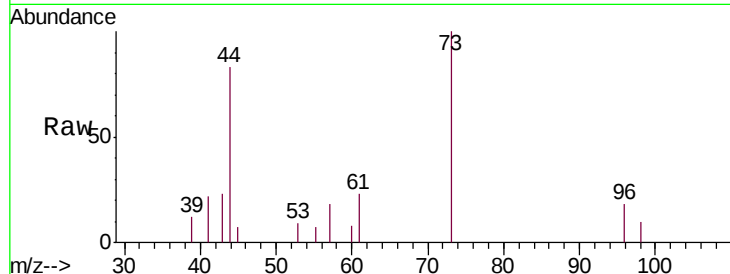




#19
Methyl tert-butyl Ether
Concen: 2.776 ug/l
RT: 2.80 min Scan# 531
Delta R.T. 0.00 min
Lab File: VV009262.D
Acq: 24 Jan 2019 16:34

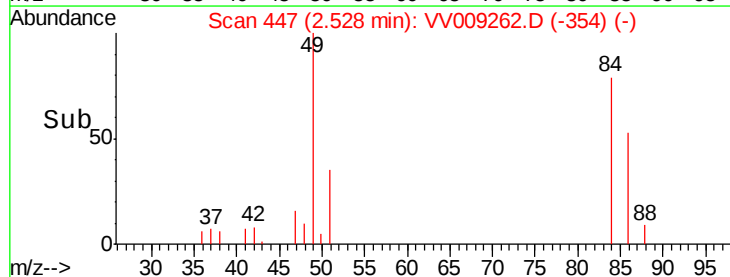
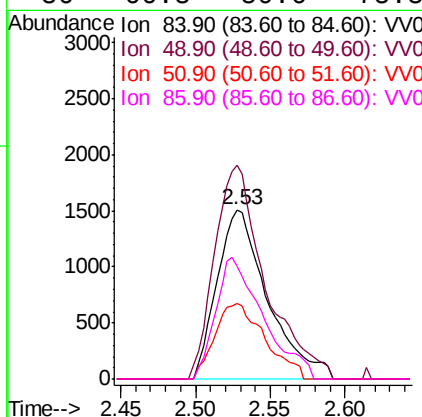
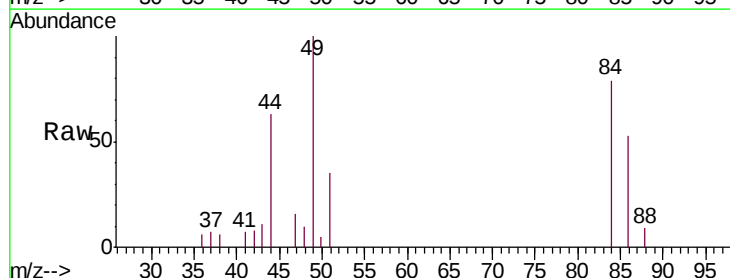
Instrument :
MSVOA_V
ClientSampleId :
MDL06

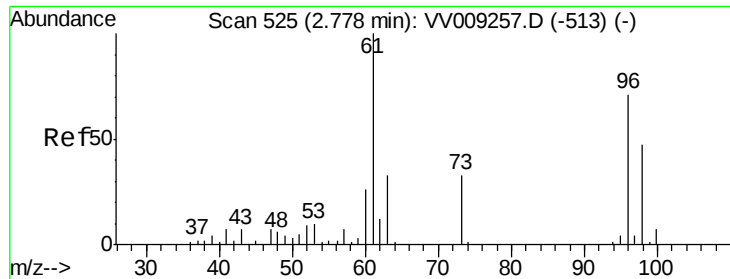
Tgt Ion: 73 Resp: 3177
Ion Ratio Lower Upper
73 100
57 18.2 17.3 25.9



#20
Methylene Chloride
Concen: 4.304 ug/l
RT: 2.53 min Scan# 447
Delta R.T. 0.00 min
Lab File: VV009262.D
Acq: 24 Jan 2019 16:34

Tgt Ion: 84 Resp: 3539
Ion Ratio Lower Upper
84 100
49 126.2 101.5 152.3
51 44.5 29.6 44.4#
86 66.8 50.6 75.8

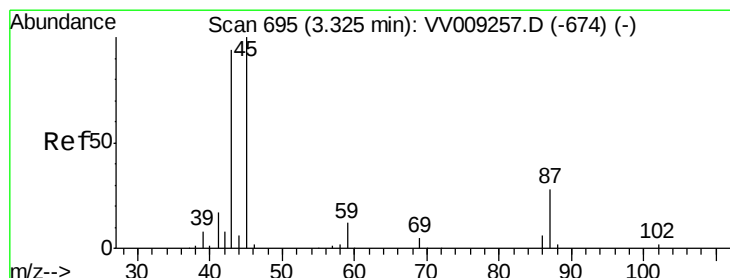
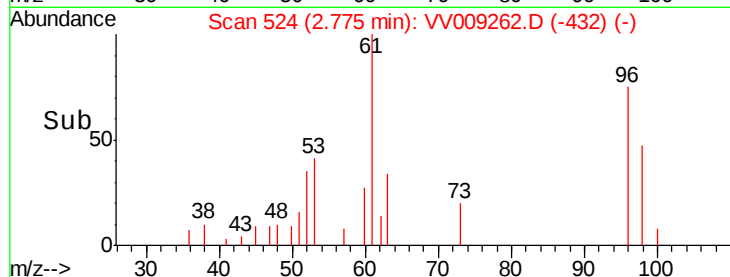
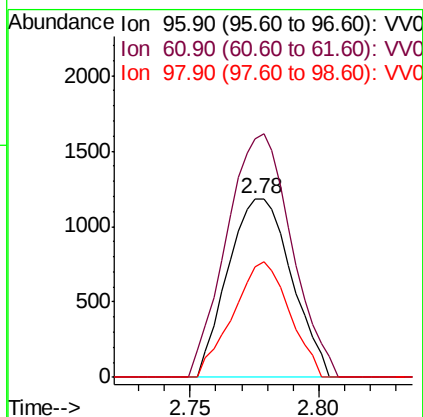
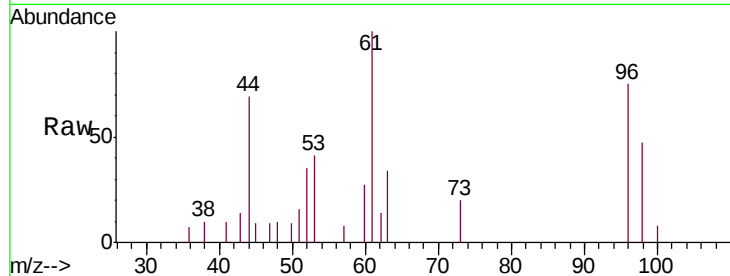




#21
trans-1,2-Dichloroethene
Concen: 2.684 ug/l
RT: 2.78 min Scan# 524
Delta R.T. -0.00 min
Lab File: VV009262.D
Acq: 24 Jan 2019 16:34

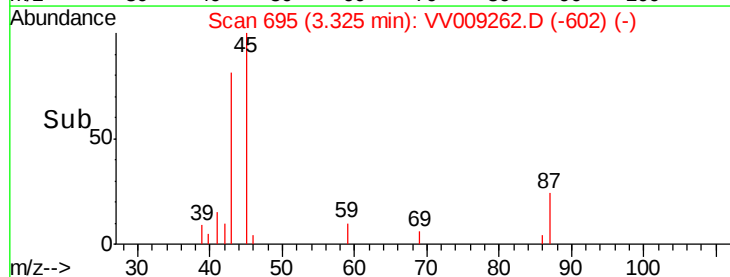
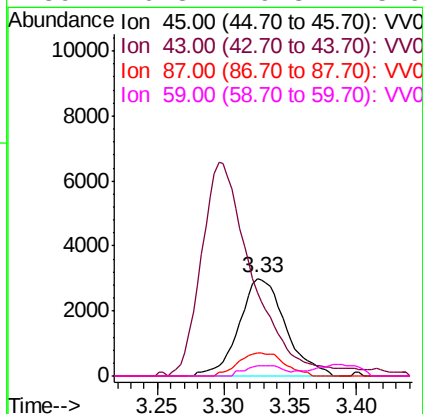
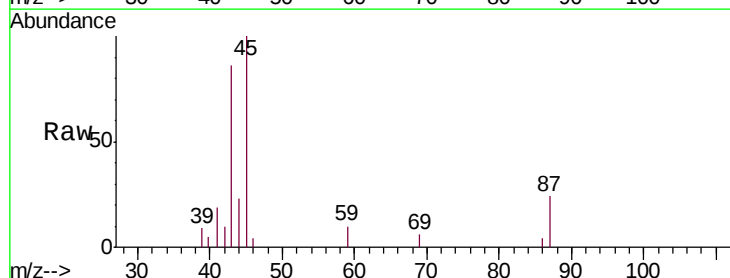
Instrument :
MSVOA_V
ClientSampleId :
MDL06

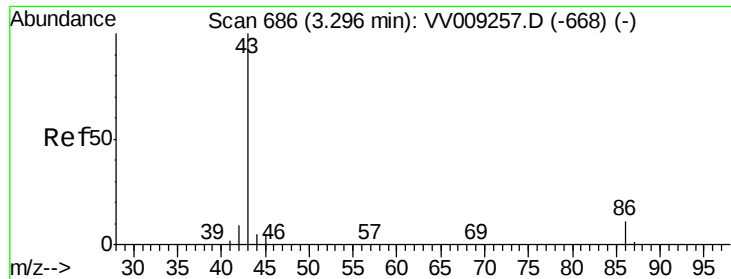
Tgt Ion: 96 Resp: 2032
Ion Ratio Lower Upper
96 100
61 133.5 112.1 168.1
98 62.1 52.8 79.2



#22
Diisopropyl ether
Concen: 2.793 ug/l
RT: 3.33 min Scan# 695
Delta R.T. 0.00 min
Lab File: VV009262.D
Acq: 24 Jan 2019 16:34

Tgt Ion: 45 Resp: 7292
Ion Ratio Lower Upper
45 100
43 77.7 75.3 112.9
87 23.6 22.4 33.6
59 10.3 9.3 13.9





#23

Vinyl Acetate

Concen: 10.876 ug/l

RT: 3.30 min Scan# 686

Delta R.T. 0.00 min

Lab File: VV009262.D

Acq: 24 Jan 2019 16:34

Instrument :

MSVOA_V

ClientSampleId :

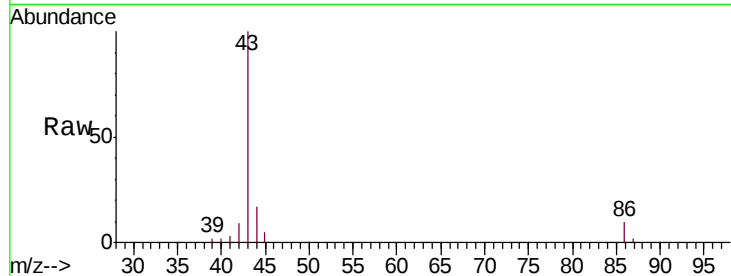
MDL06

Tgt Ion: 43 Resp: 17503

Ion Ratio Lower Upper

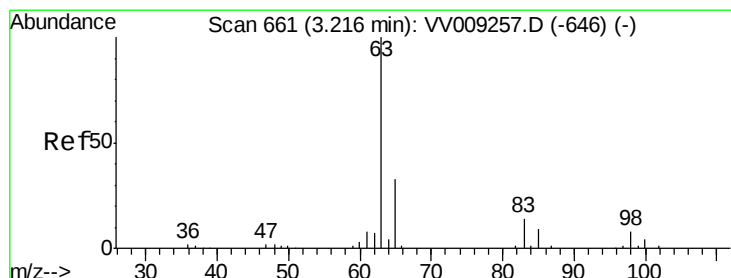
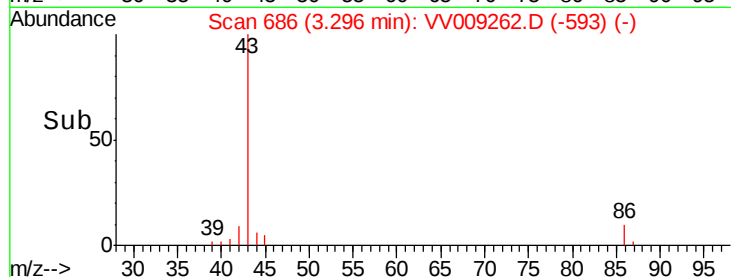
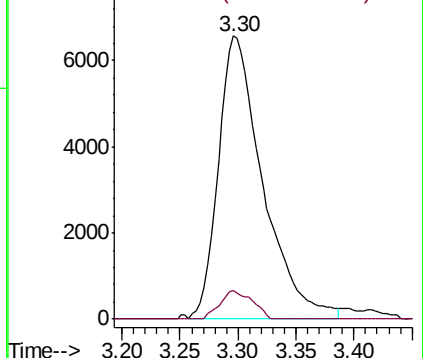
43 100

86 9.9 8.5 12.7



Abundance Ion 43.00 (42.70 to 43.70): VV009257.D (-668) (-)

Ion 86.00 (85.70 to 86.70): VV009257.D (-668) (-)



#24

1,1-Dichloroethane

Concen: 2.164 ug/l

RT: 3.22 min Scan# 661

Delta R.T. 0.00 min

Lab File: VV009262.D

Acq: 24 Jan 2019 16:34

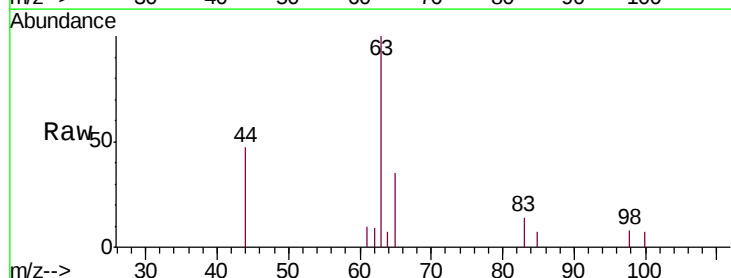
Tgt Ion: 63 Resp: 3488

Ion Ratio Lower Upper

63 100

98 8.1 3.8 11.4

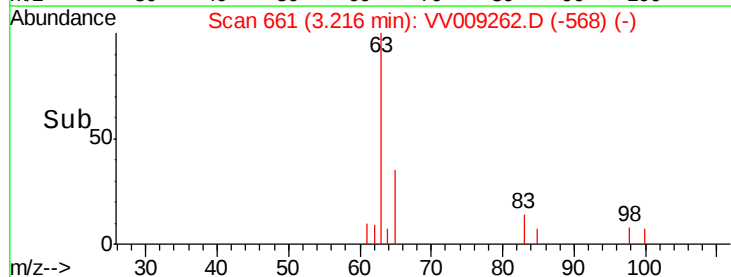
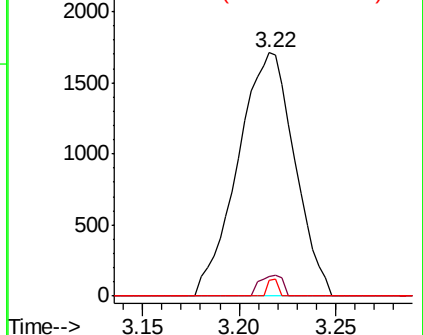
100 6.6 2.0 6.0#

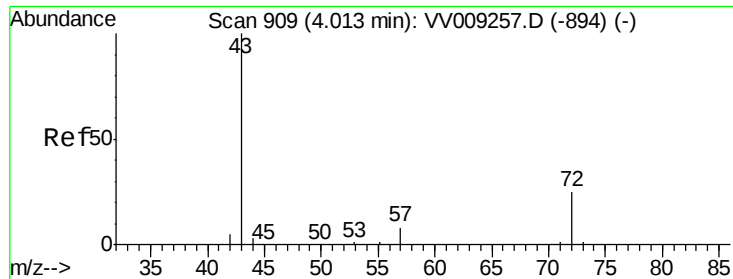


Abundance Ion 62.90 (62.60 to 63.60): VV009257.D (-646) (-)

Ion 97.90 (97.60 to 98.60): VV009257.D (-646) (-)

Ion 99.90 (99.60 to 100.60): VV009257.D (-646) (-)





#25

2-Butanone

Concen: 12.451 ug/l

RT: 4.03 min Scan# 915

Delta R.T. 0.02 min

Lab File: VV009262.D

Acq: 24 Jan 2019 16:34

Instrument :

MSVOA_V

ClientSampled :

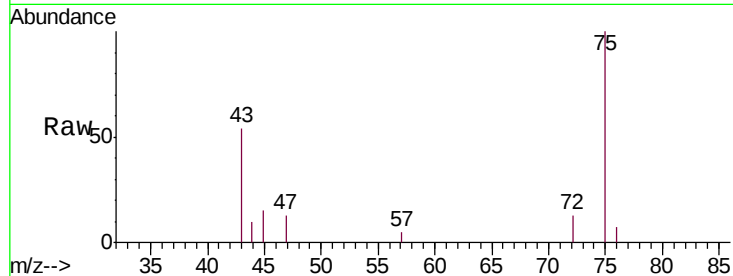
MDL06

Tgt Ion: 43 Resp: 3956

Ion Ratio Lower Upper

43 100

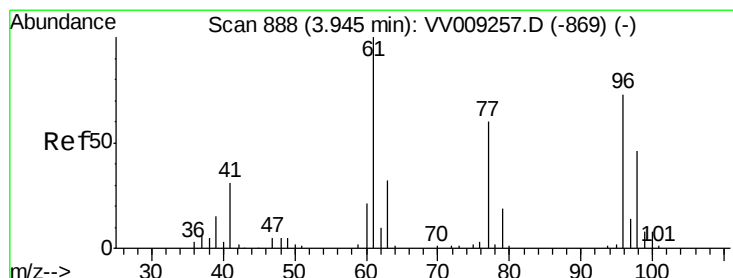
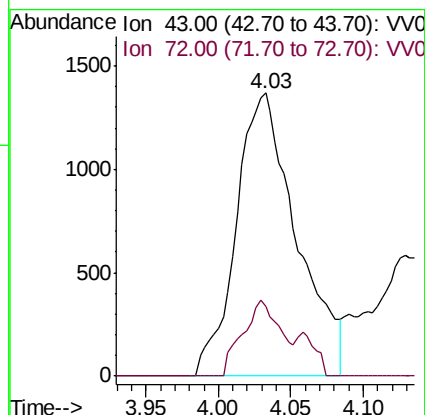
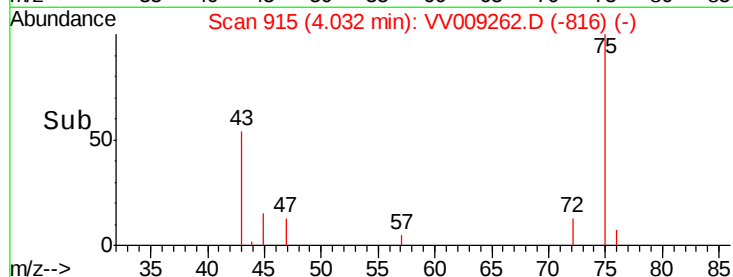
72 24.5 20.2 30.4



Abundance Ion 43.00 (42.70 to 43.70): VV009257.D (-894) (-)

Ion 72.00 (71.70 to 72.70): VV009257.D (-894) (-)

Time-->



#26

2,2-Dichloropropane

Concen: 1.977 ug/l

RT: 3.94 min Scan# 885

Delta R.T. -0.01 min

Lab File: VV009262.D

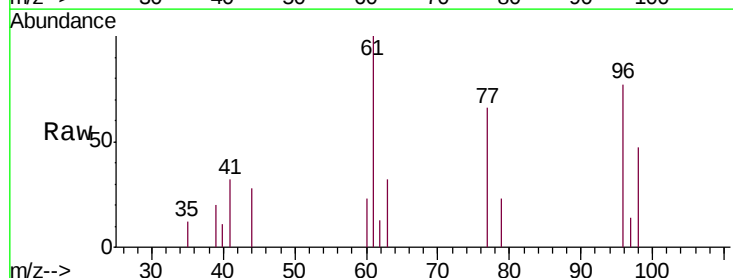
Acq: 24 Jan 2019 16:34

Tgt Ion: 77 Resp: 1616

Ion Ratio Lower Upper

77 100

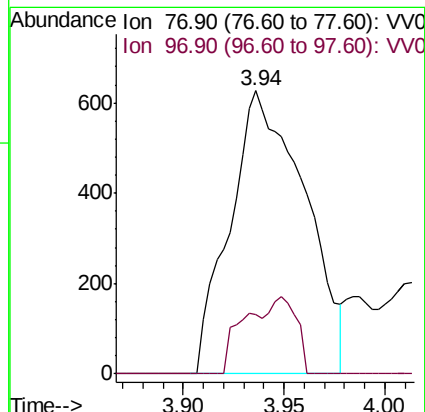
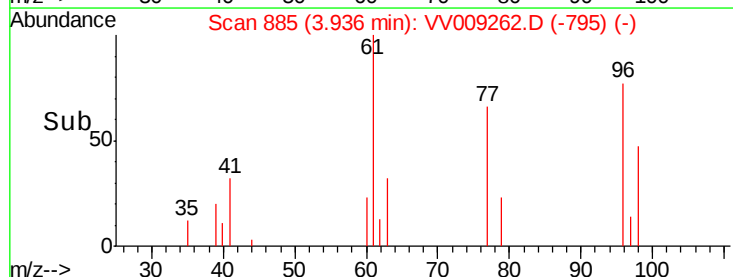
97 18.9 11.7 35.1

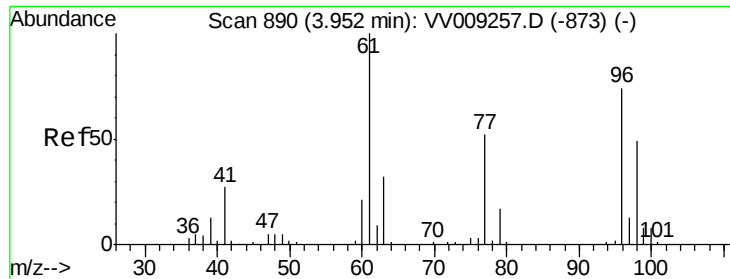


Abundance Ion 76.90 (76.60 to 77.60): VV009257.D (-869) (-)

Ion 96.90 (96.60 to 97.60): VV009257.D (-869) (-)

Time-->



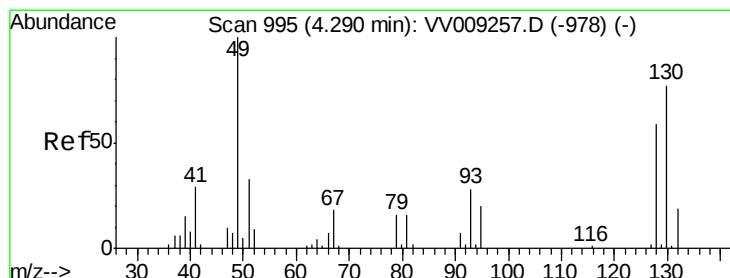
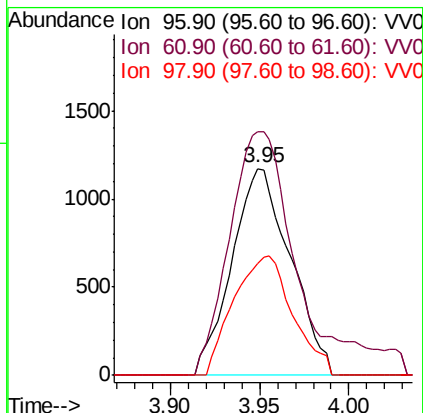
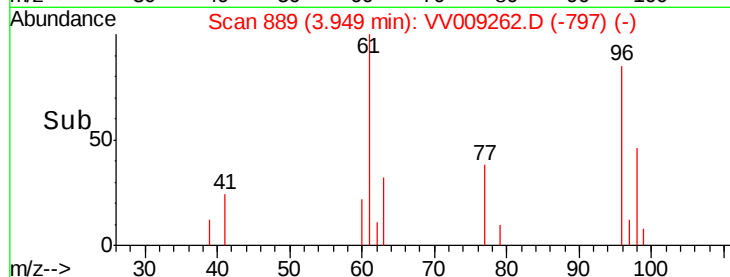
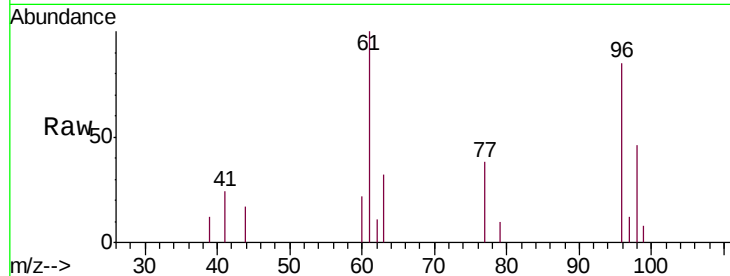


#27

cis-1,2-Dichloroethene
Concen: 2.791 ug/l
RT: 3.95 min Scan# 889
Delta R.T. -0.00 min
Lab File: VV009262.D
Acq: 24 Jan 2019 16:34

Instrument :
MSVOA_V
ClientSampled :
MDL06

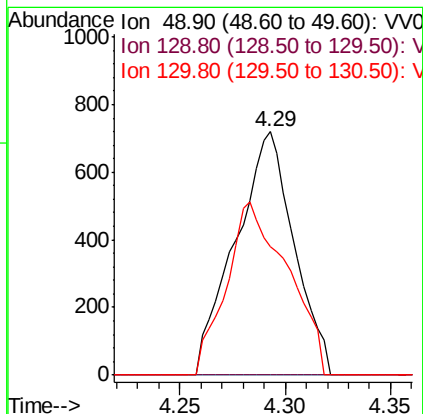
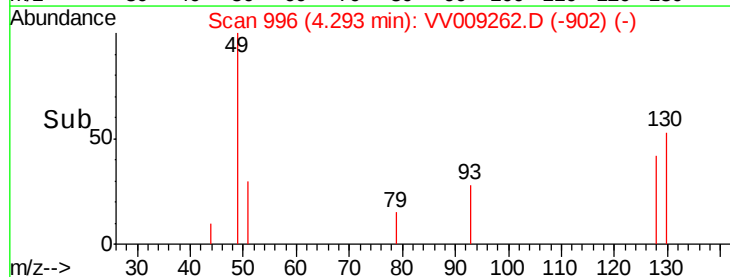
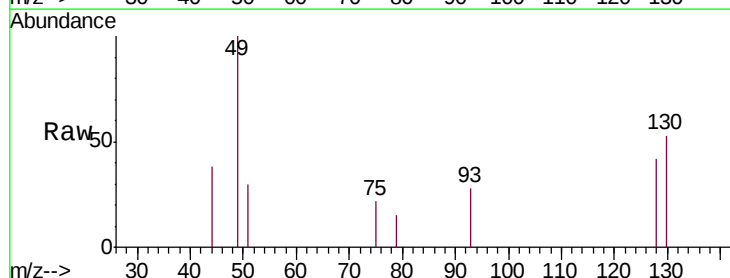
Tgt Ion: 96 Resp: 2680
Ion Ratio Lower Upper
96 100
61 138.7 0.0 277.6
98 58.3 0.0 127.6

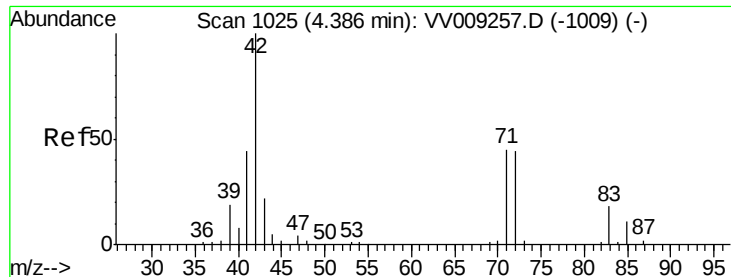


#28

Bromochloromethane
Concen: 2.152 ug/l
RT: 4.29 min Scan# 996
Delta R.T. 0.00 min
Lab File: VV009262.D
Acq: 24 Jan 2019 16:34

Tgt Ion: 49 Resp: 1392
Ion Ratio Lower Upper
49 100
129 0.0 0.0 3.6
130 74.1 63.8 95.8

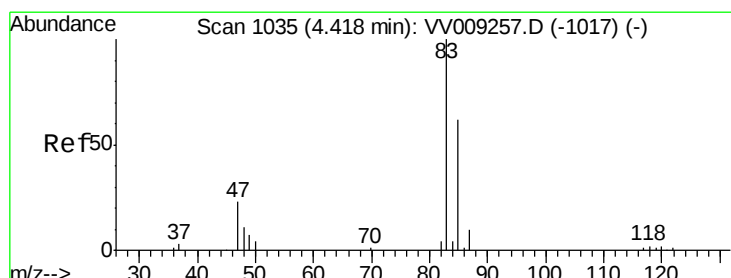
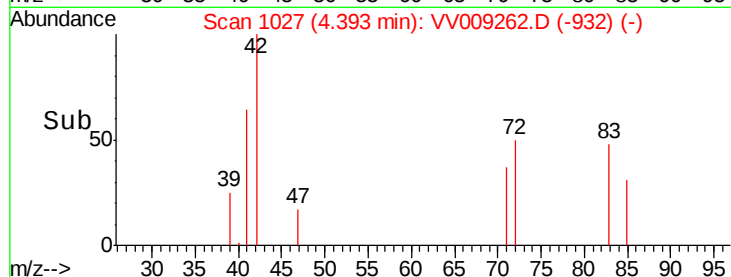
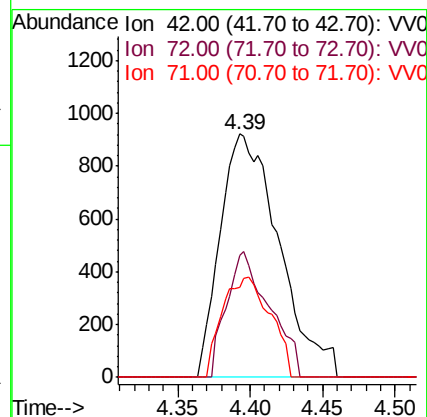
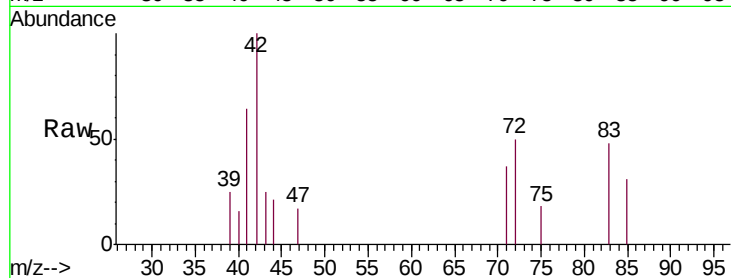




#29
Tetrahydrofuran
Concen: 14.335 ug/l
RT: 4.39 min Scan# 1027
Delta R.T. 0.01 min
Lab File: VV009262.D
Acq: 24 Jan 2019 16:34

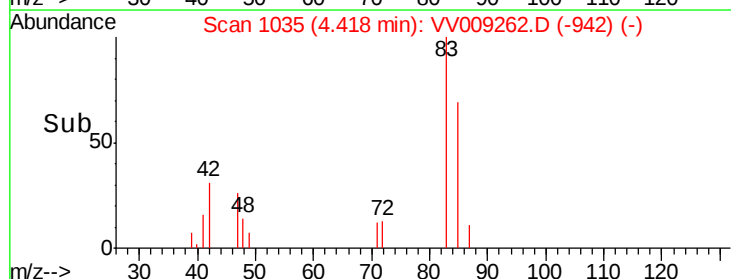
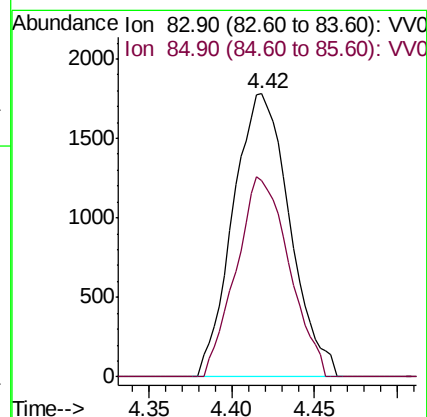
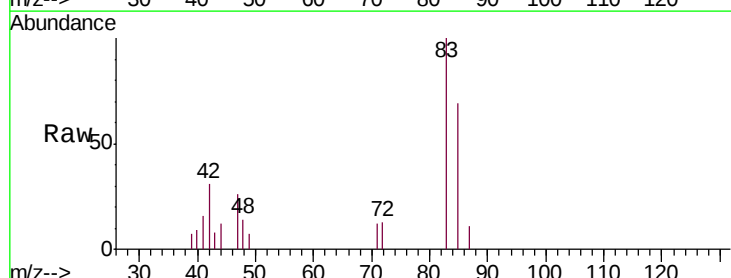
Instrument :
MSVOA_V
ClientSampleId :
MDL06

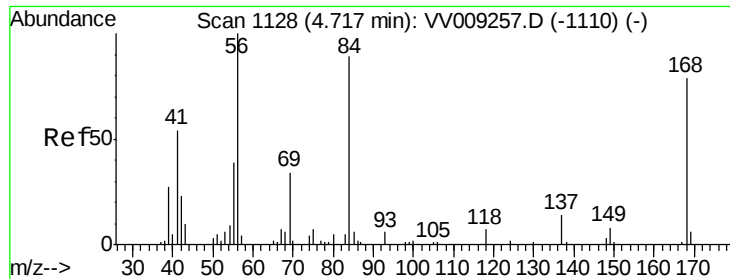
Tgt Ion: 42 Resp: 2596
Ion Ratio Lower Upper
42 100
72 37.6 36.0 54.0
71 33.4 33.3 49.9



#30
Chloroform
Concen: 2.610 ug/l
RT: 4.42 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VV009262.D
Acq: 24 Jan 2019 16:34

Tgt Ion: 83 Resp: 4228
Ion Ratio Lower Upper
83 100
85 69.4 49.9 74.9

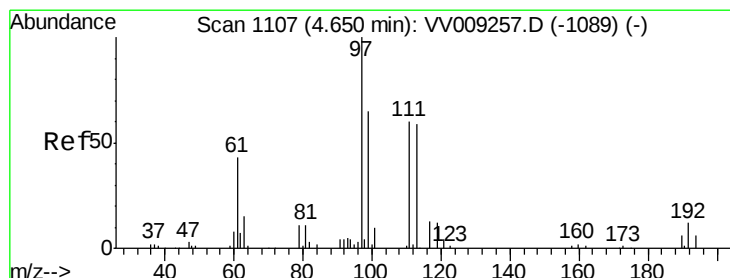
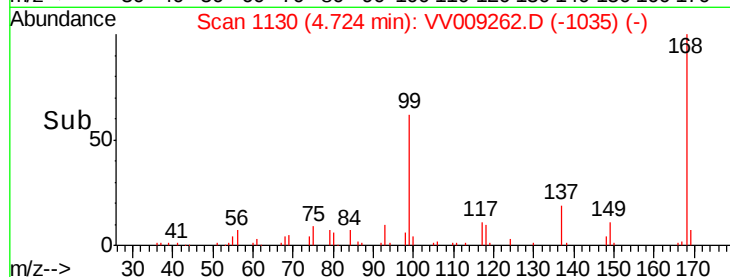
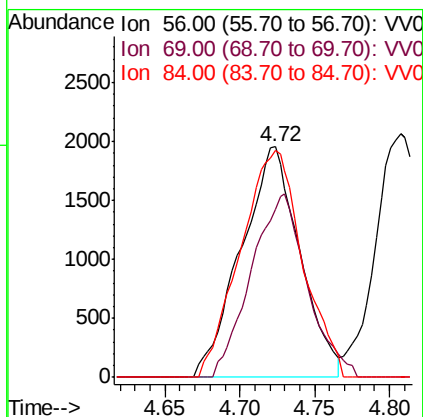
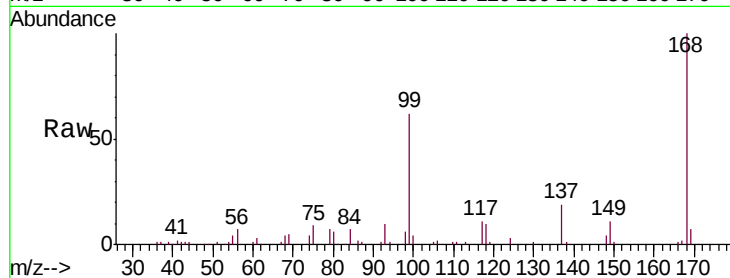




#31
Cyclohexane
Concen: 3.598 ug/l
RT: 4.72 min Scan# 1130
Delta R.T. 0.01 min
Lab File: VV009262.D
Acq: 24 Jan 2019 16:34

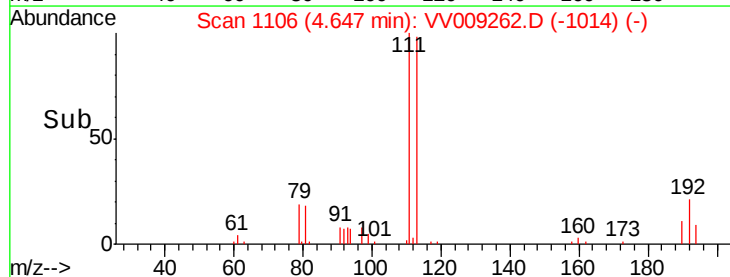
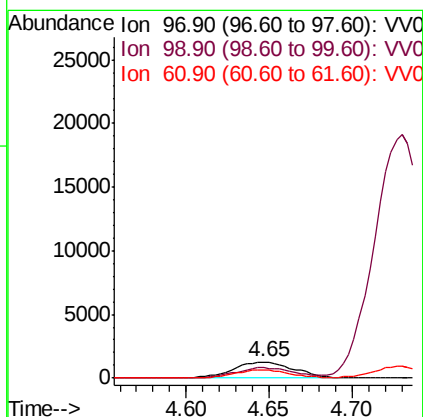
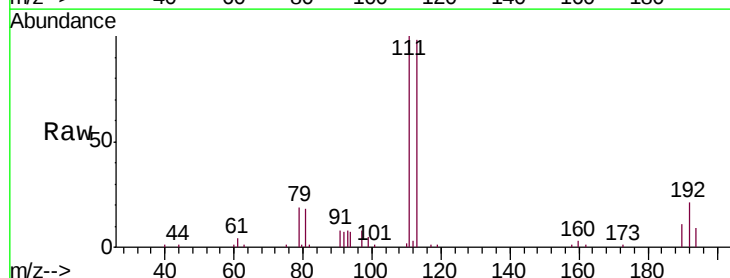
Instrument :
MSVOA_V
ClientSampled :
MDL06

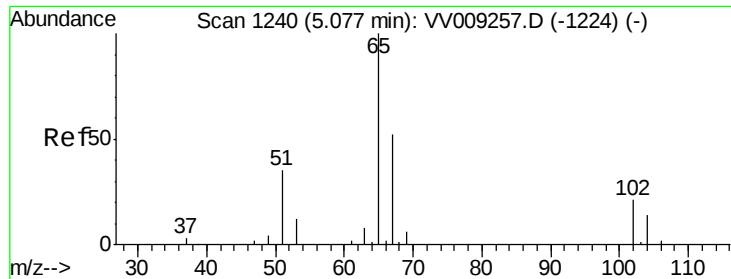
Tgt Ion: 56 Resp: 5348
Ion Ratio Lower Upper
56 100
69 72.8 27.5 41.3#
84 98.3 70.9 106.3



#32
1,1,1-Trichloroethane
Concen: 2.543 ug/l
RT: 4.65 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VV009262.D
Acq: 24 Jan 2019 16:34

Tgt Ion: 97 Resp: 3203
Ion Ratio Lower Upper
97 100
99 64.7 49.8 74.8
61 45.6 33.4 50.0

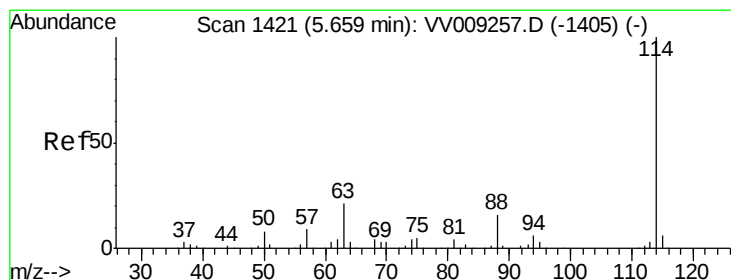
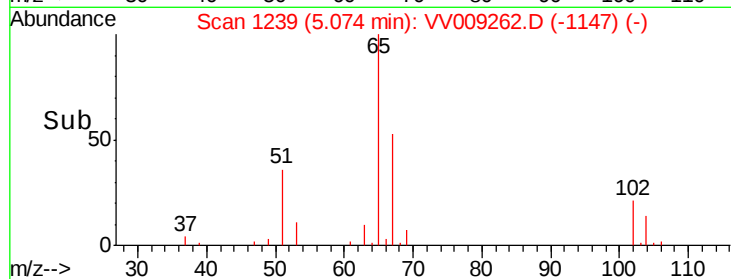
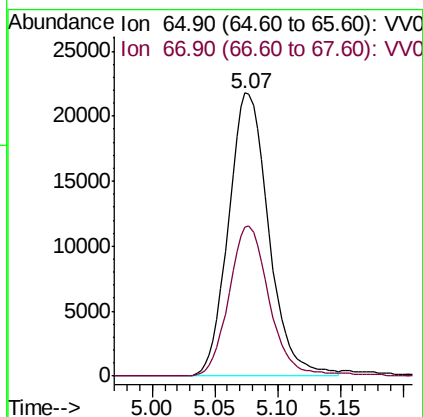
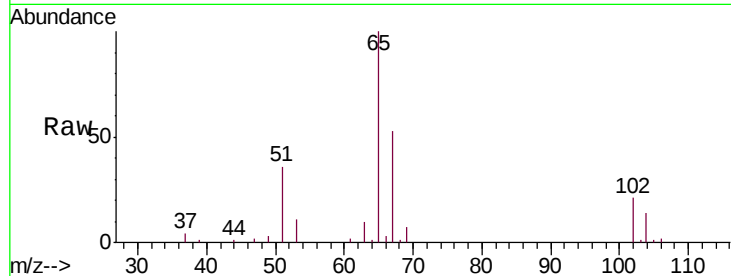




#33
 1,2-Dichloroethane-d4
 Concen: 54.883 ug/l
 RT: 5.07 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VV009262.D
 Acq: 24 Jan 2019 16:34

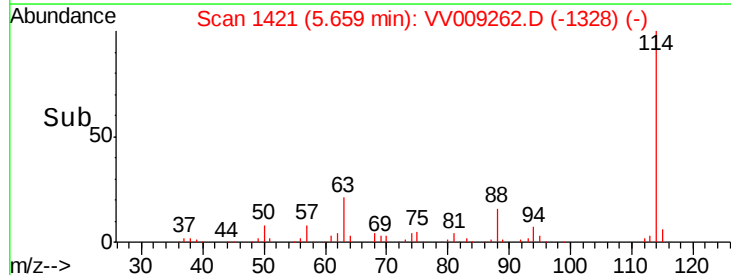
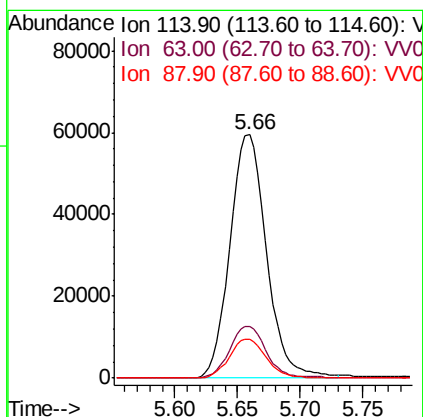
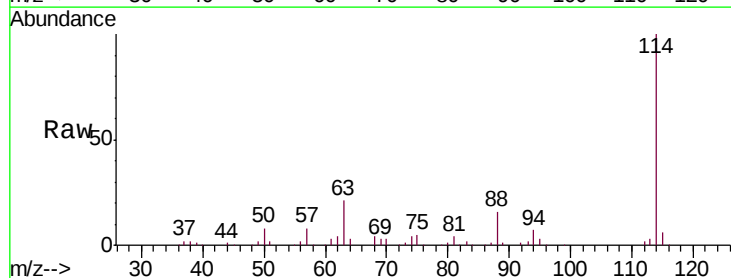
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL06

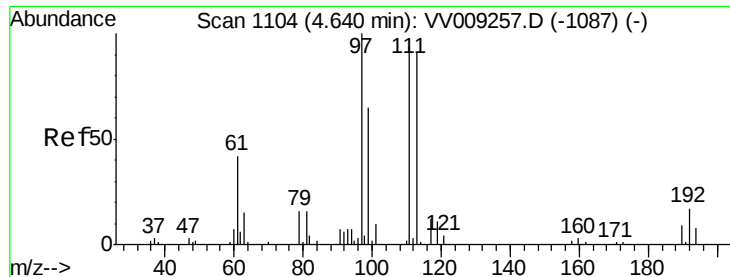
Tgt Ion: 65 Resp: 48579
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 105.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 5.66 min Scan# 1421
 Delta R.T. 0.00 min
 Lab File: VV009262.D
 Acq: 24 Jan 2019 16:34

Tgt Ion: 114 Resp: 120809
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 41.4
 88 15.7 0.0 33.0





#35

Dibromofluoromethane

Concen: 53.372 ug/l

RT: 4.64 min Scan# 1103

Delta R.T. -0.00 min

Lab File: VV009262.D

Acq: 24 Jan 2019 16:34

Instrument :

MSVOA_V

ClientSampleId :

MDL06

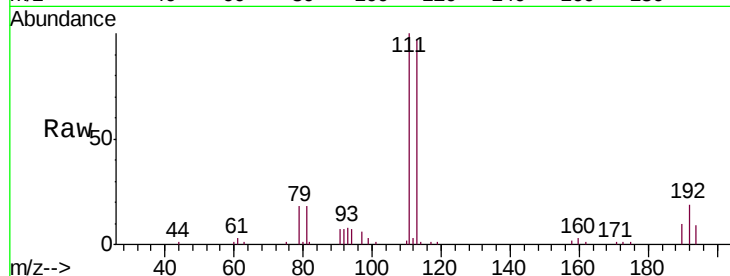
Tgt Ion:113 Resp: 42541

Ion Ratio Lower Upper

113 100

111 103.1 82.3 123.5

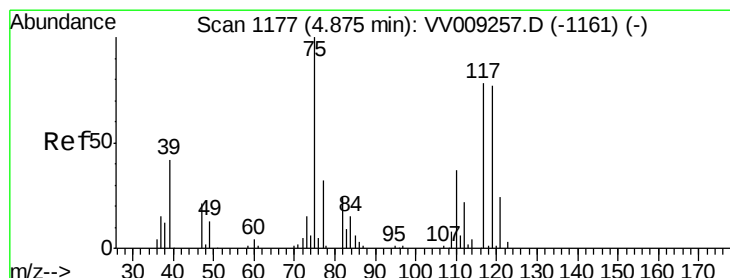
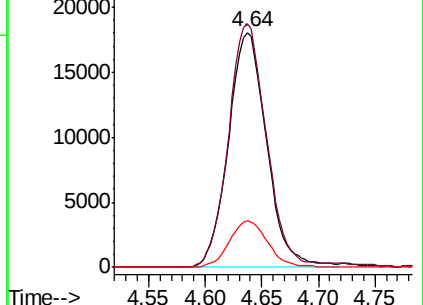
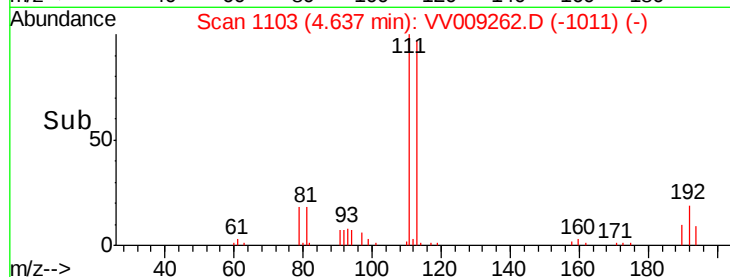
192 19.8 15.0 22.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 3.052 ug/l

RT: 4.87 min Scan# 1177

Delta R.T. 0.00 min

Lab File: VV009262.D

Acq: 24 Jan 2019 16:34

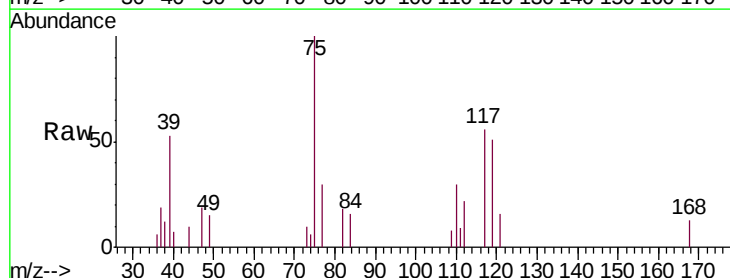
Tgt Ion: 75 Resp: 3692

Ion Ratio Lower Upper

75 100

110 29.8 17.6 52.9

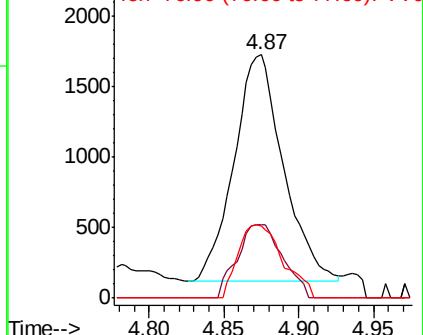
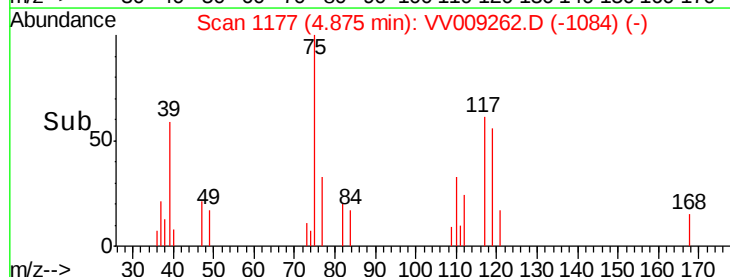
77 29.4 25.5 38.3

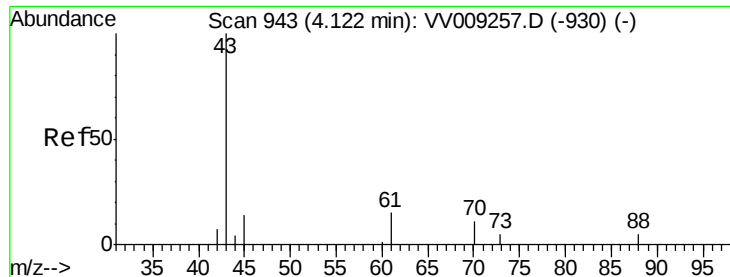


Abundance Ion 74.90 (74.60 to 75.60): VV0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VV0





#37

Ethyl Acetate

Concen: 3.818 ug/l

RT: 4.13 min Scan# 945

Delta R.T. 0.01 min

Lab File: VV009262.D

Acq: 24 Jan 2019 16:34

Instrument :

MSVOA_V

ClientSampleId :

MDL06

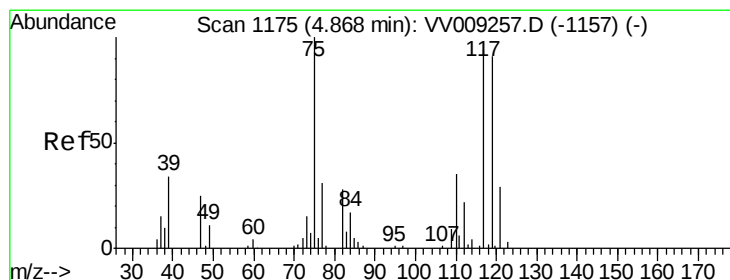
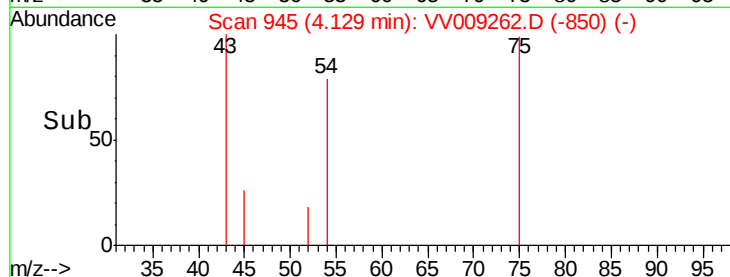
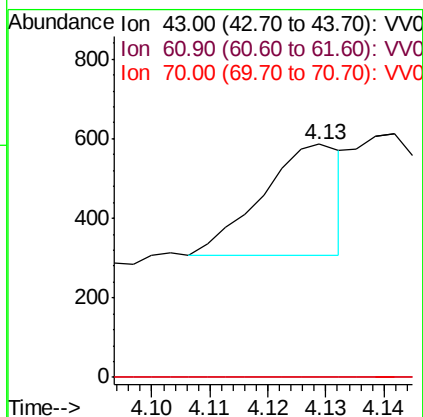
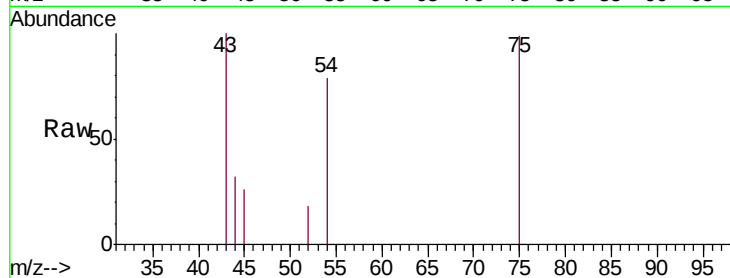
Tgt Ion: 43 Resp: 266

Ion Ratio Lower Upper

43 100

61 0.0 10.6 15.8#

70 0.0 8.0 12.0#



#38

Carbon Tetrachloride

Concen: 2.435 ug/l

RT: 4.87 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VV009262.D

Acq: 24 Jan 2019 16:34

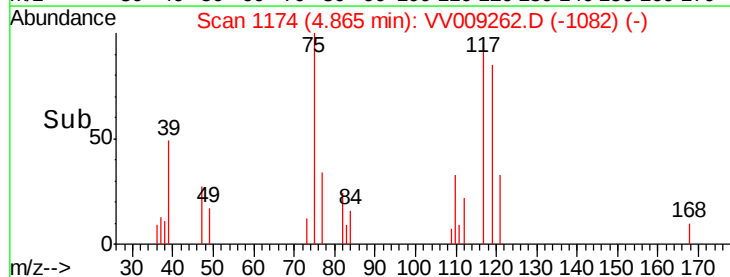
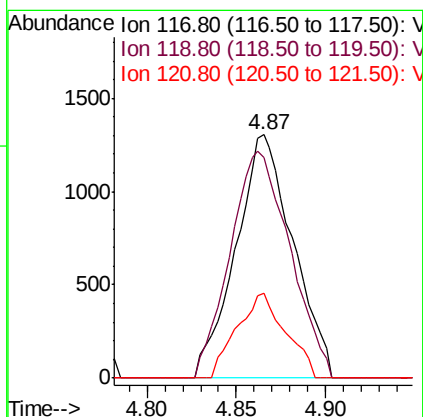
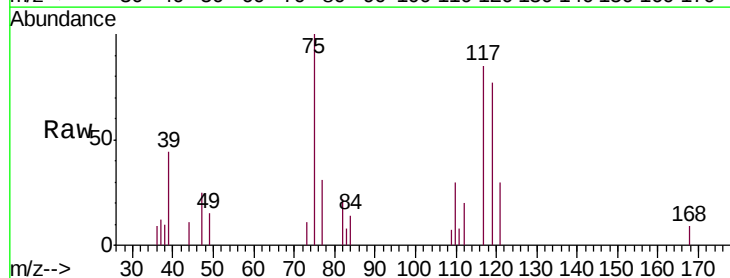
Tgt Ion: 117 Resp: 2913

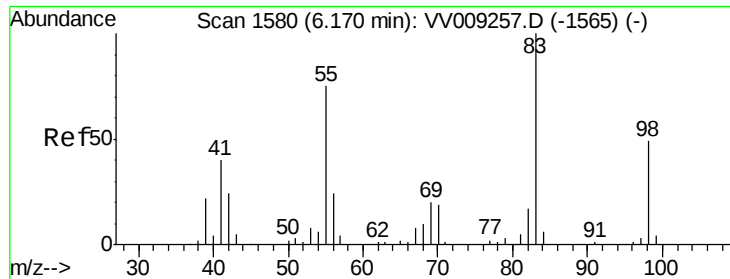
Ion Ratio Lower Upper

117 100

119 90.4 77.4 116.2

121 35.1 24.8 37.2

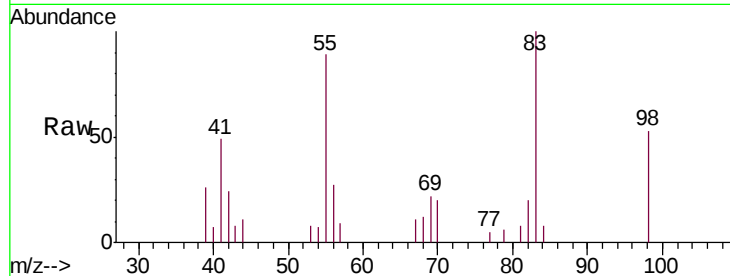




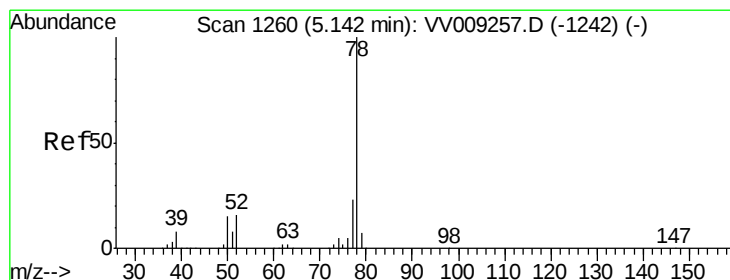
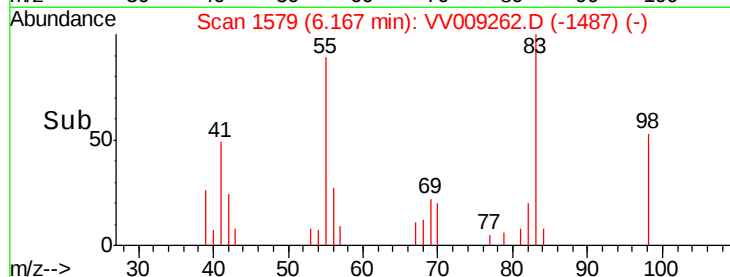
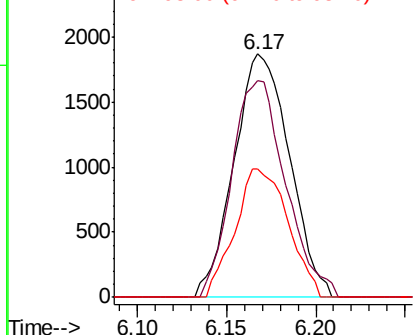
#39
Methylcyclohexane
Concen: 2.684 ug/l
RT: 6.17 min Scan# 1579
Delta R.T. -0.00 min
Lab File: VV009262.D
Acq: 24 Jan 2019 16:34

Instrument :
MSVOA_V
ClientSampleId :
MDL06

Tgt Ion: 83 Resp: 4069
Ion Ratio Lower Upper
83 100
55 88.9 60.1 90.1
98 52.6 39.2 58.8

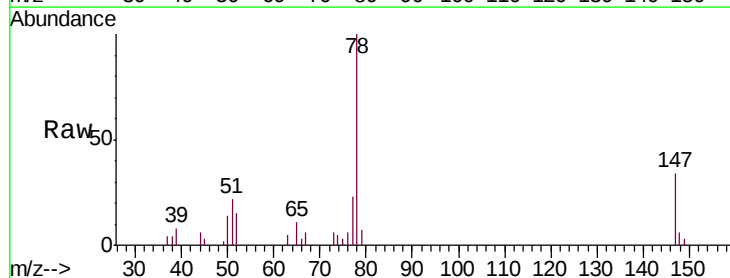


Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 55.00 (54.70 to 55.70): VV0
Ion 98.00 (97.70 to 98.70): VV0

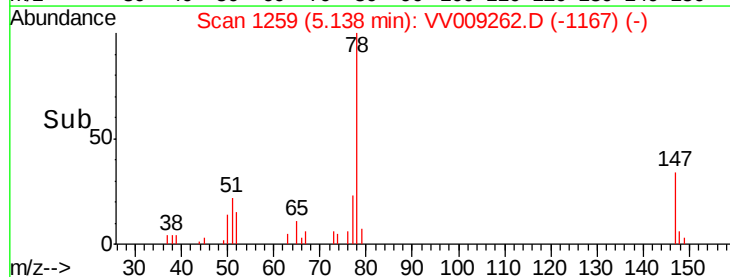
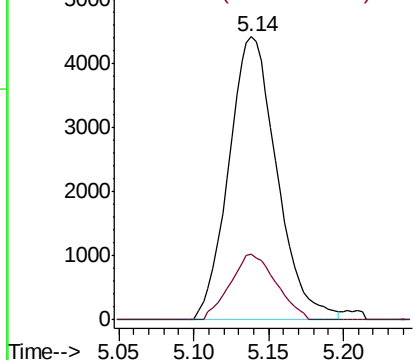


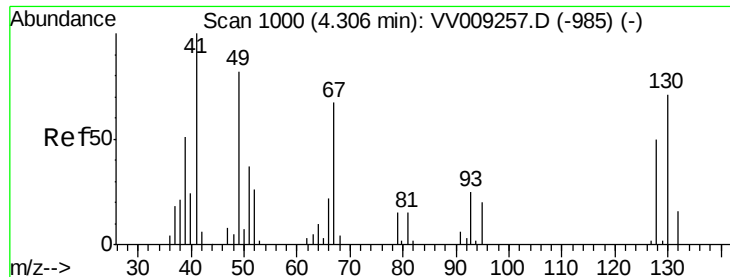
#40
Benzene
Concen: 2.773 ug/l
RT: 5.14 min Scan# 1259
Delta R.T. -0.00 min
Lab File: VV009262.D
Acq: 24 Jan 2019 16:34

Tgt Ion: 78 Resp: 9881
Ion Ratio Lower Upper
78 100
77 23.1 18.6 27.8



Abundance Ion 78.00 (77.70 to 78.70): VV0
Ion 77.00 (76.70 to 77.70): VV0





#41

Methacrylonitrile

Concen: 2.375 ug/l

RT: 4.32 min Scan# 1003

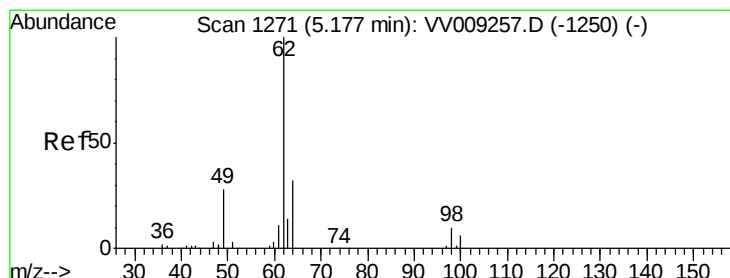
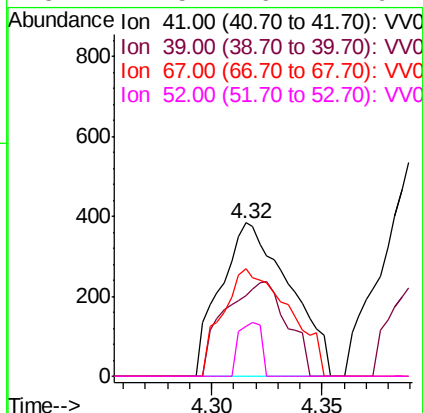
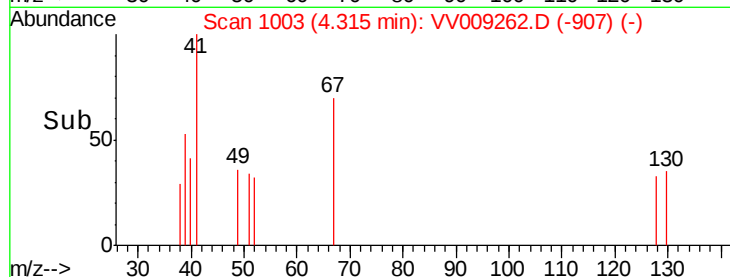
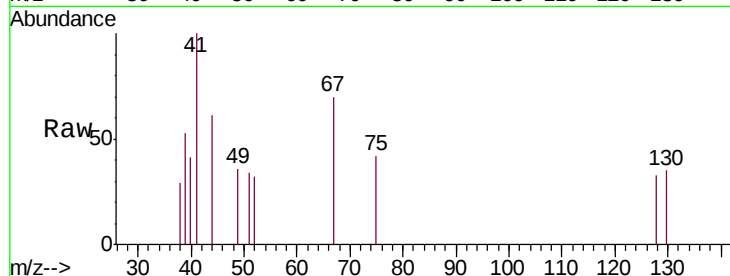
Delta R.T. 0.01 min

Lab File: VV009262.D

Acq: 24 Jan 2019 16:34

Instrument :
MSVOA_V
ClientSampled :
MDL06

Tgt Ion:	41	Resp:	837
Ion	Ratio	Lower	Upper
41	100		
39	55.3	42.3	63.5
67	67.3	57.4	86.2
52	11.5	26.7	40.1#



#42

1,2-Dichloroethane

Concen: 2.748 ug/l

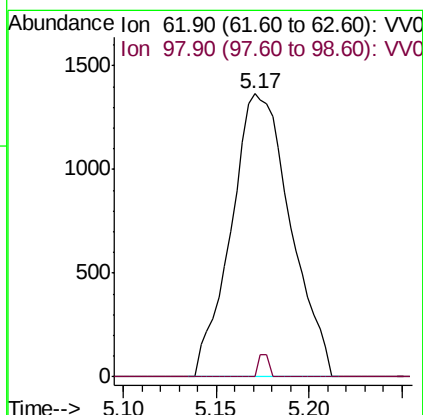
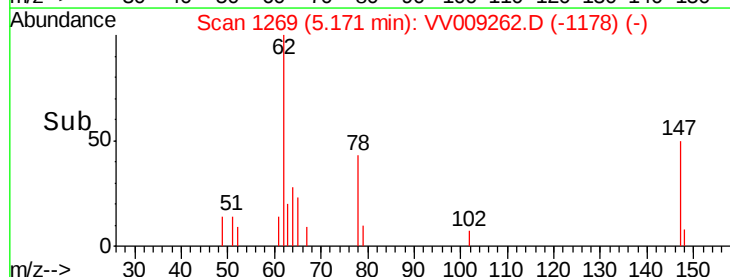
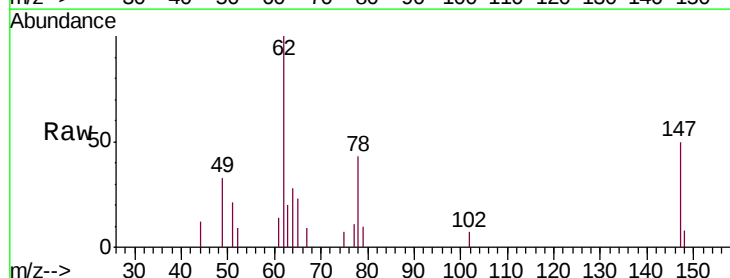
RT: 5.17 min Scan# 1269

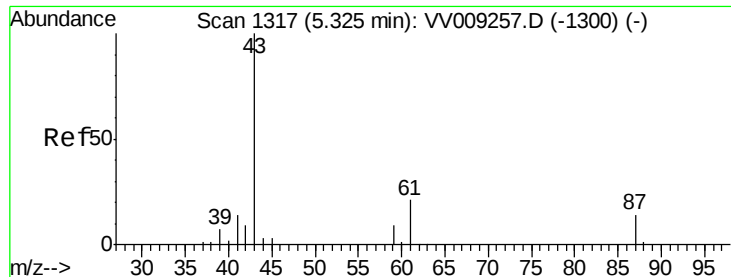
Delta R.T. -0.01 min

Lab File: VV009262.D

Acq: 24 Jan 2019 16:34

Tgt Ion:	62	Resp:	3045
Ion	Ratio	Lower	Upper
62	100		
98	1.3	0.0	19.2





#43

Isopropyl Acetate

Concen: 2.580 ug/l

RT: 5.33 min Scan# 1320

Delta R.T. 0.01 min

Lab File: VV009262.D

Acq: 24 Jan 2019 16:34

Instrument :

MSVOA_V

ClientSampleId :

MDL06

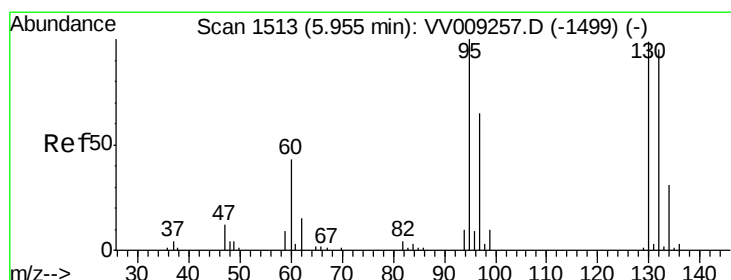
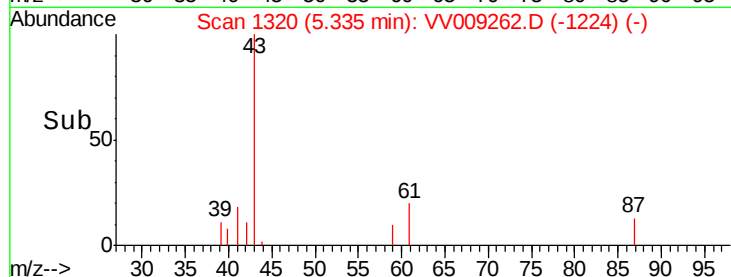
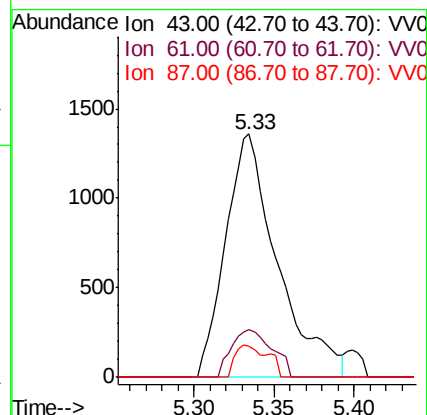
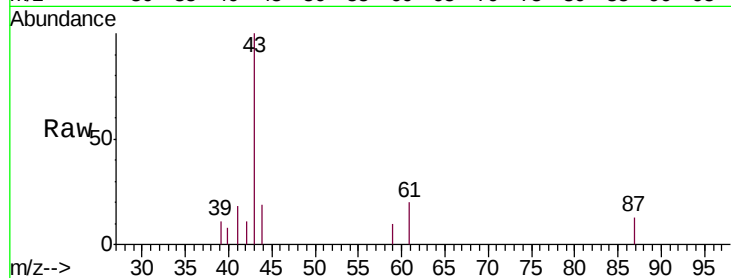
Tgt Ion: 43 Resp: 3023

Ion Ratio Lower Upper

43 100

61 15.3 15.8 23.6#

87 8.1 10.1 15.1#



#44

Trichloroethene

Concen: 2.797 ug/l

RT: 5.96 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VV009262.D

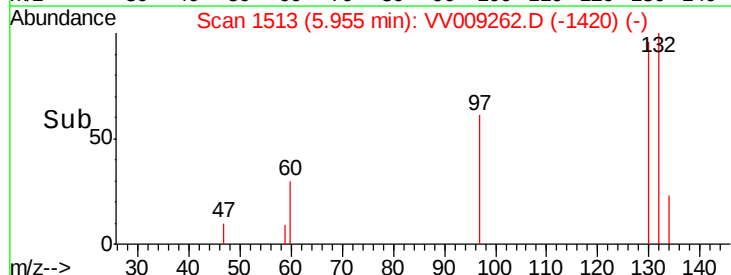
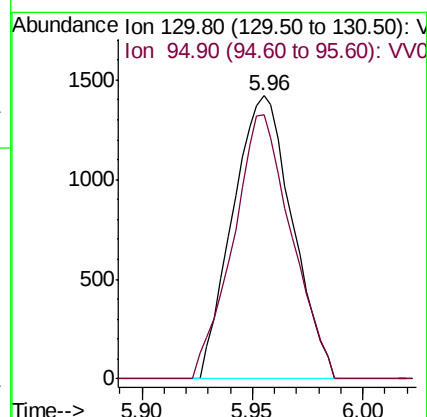
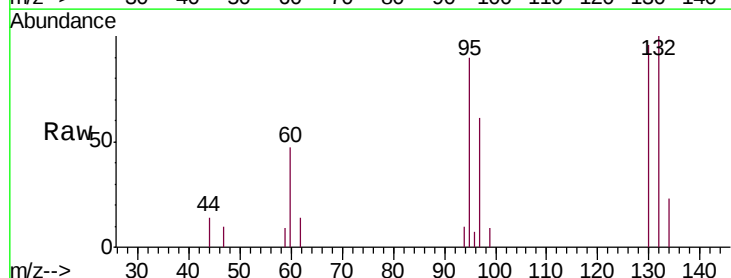
Acq: 24 Jan 2019 16:34

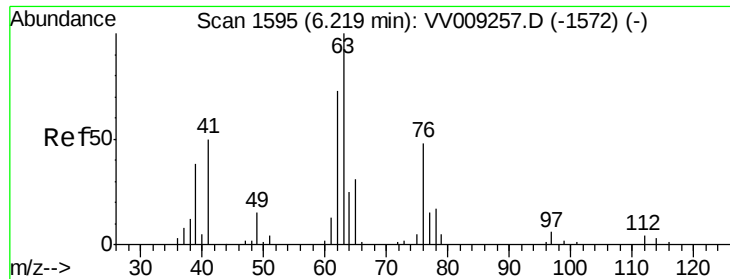
Tgt Ion: 130 Resp: 2660

Ion Ratio Lower Upper

130 100

95 93.5 0.0 201.4

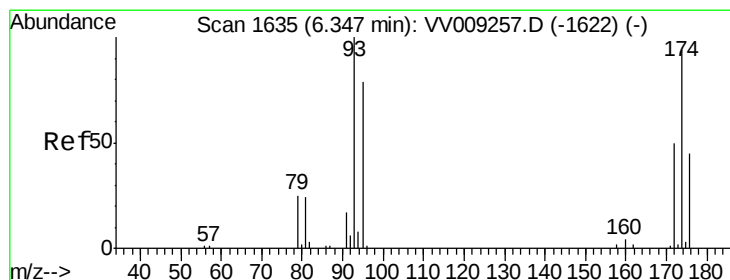
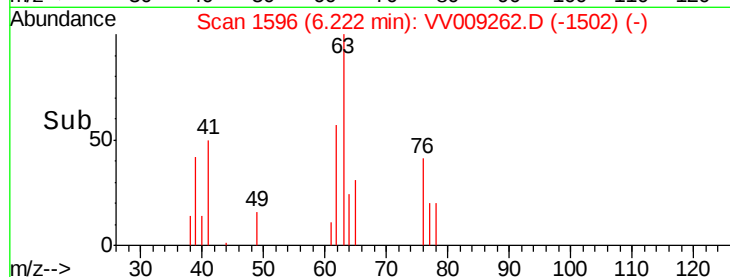
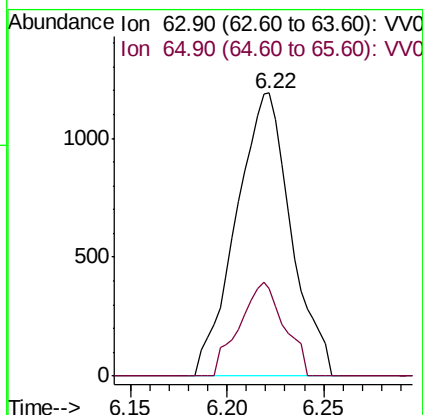
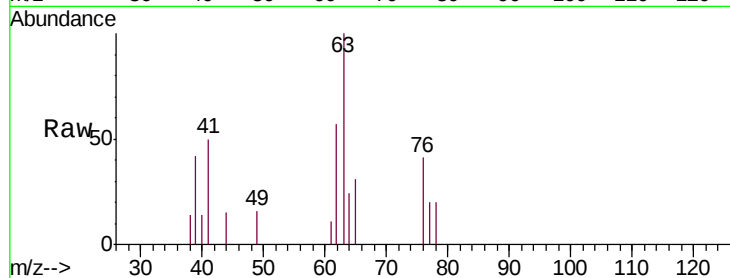




#45
 1,2-Dichloropropane
 Concen: 2.679 ug/l
 RT: 6.22 min Scan# 1596
 Delta R.T. 0.00 min
 Lab File: VV009262.D
 Acq: 24 Jan 2019 16:34

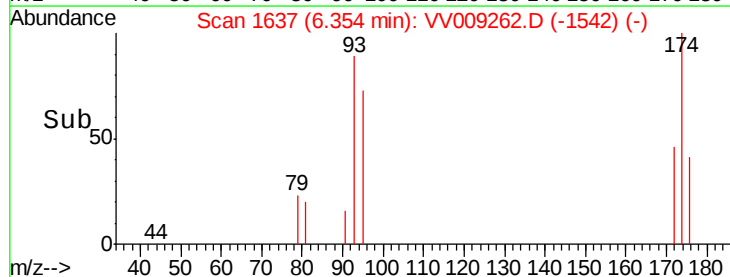
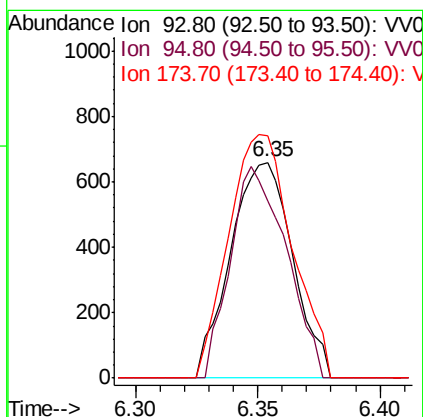
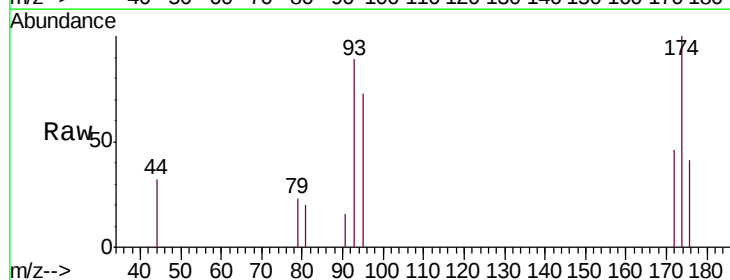
Instrument :
 MSVOA_V
 ClientSampled :
 MDL06

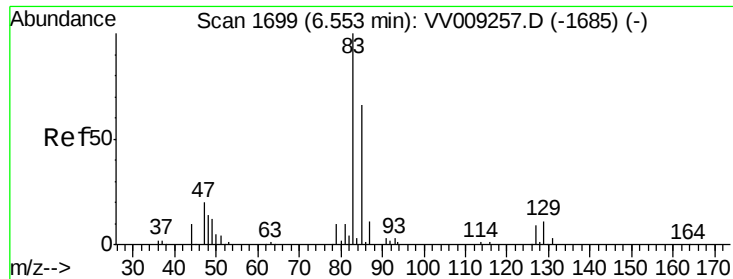
Tgt Ion: 63 Resp: 2350
 Ion Ratio Lower Upper
 63 100
 65 30.8 25.4 38.2



#46
 Dibromomethane
 Concen: 2.372 ug/l
 RT: 6.35 min Scan# 1637
 Delta R.T. 0.01 min
 Lab File: VV009262.D
 Acq: 24 Jan 2019 16:34

Tgt Ion: 93 Resp: 1166
 Ion Ratio Lower Upper
 93 100
 95 88.3 65.3 97.9
 174 115.7 77.0 115.4#

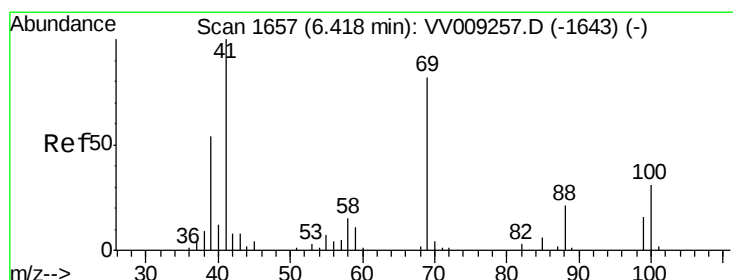
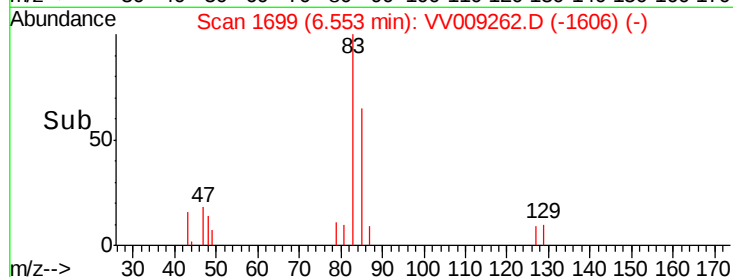
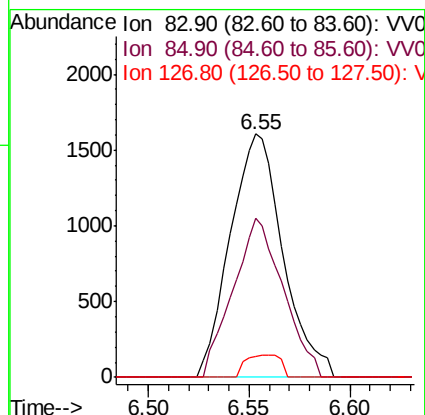
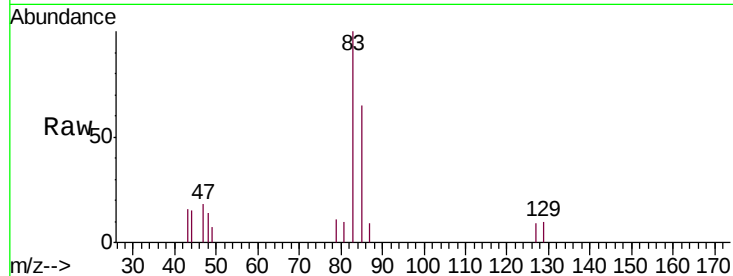




#47
Bromodichloromethane
Concen: 2.533 ug/l
RT: 6.55 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VV009262.D
Acq: 24 Jan 2019 16:34

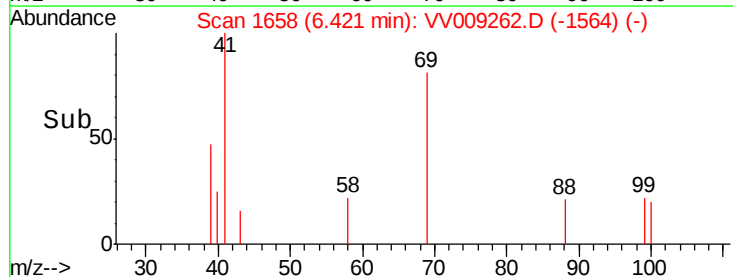
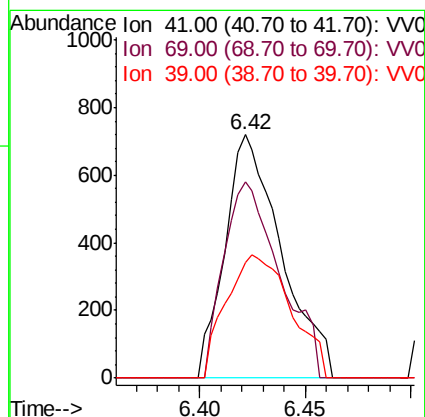
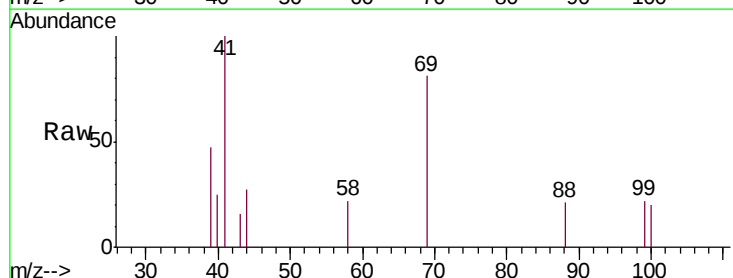
Instrument :
MSVOA_V
ClientSampleId :
MDL06

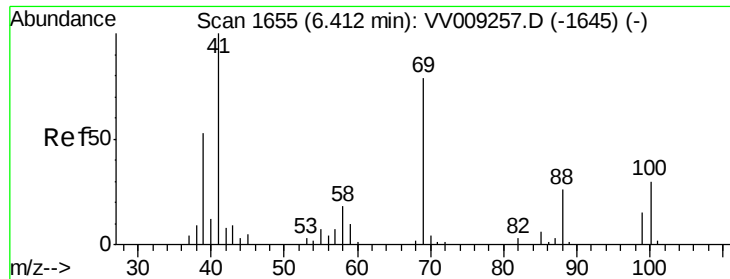
Tgt Ion: 83 Resp: 2928
Ion Ratio Lower Upper
83 100
85 65.3 52.6 79.0
127 8.6 7.0 10.6



#48
Methyl methacrylate
Concen: 2.305 ug/l
RT: 6.42 min Scan# 1658
Delta R.T. 0.00 min
Lab File: VV009262.D
Acq: 24 Jan 2019 16:34

Tgt Ion: 41 Resp: 1340
Ion Ratio Lower Upper
41 100
69 79.9 68.6 103.0
39 57.9 43.2 64.8

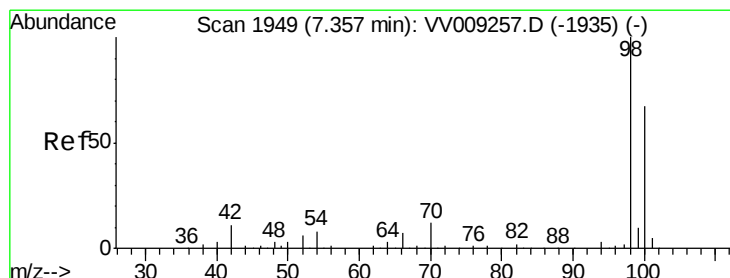
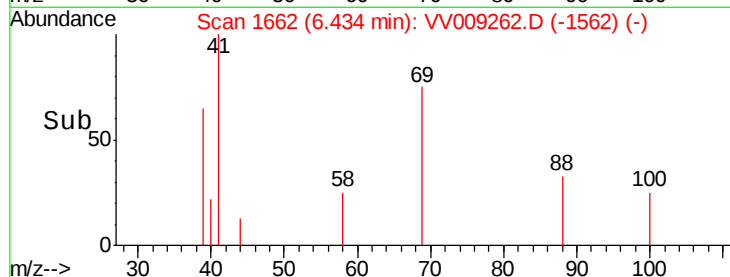
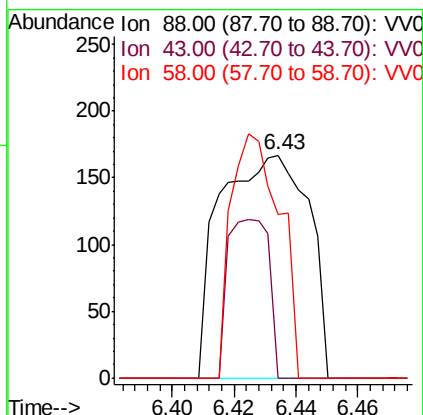
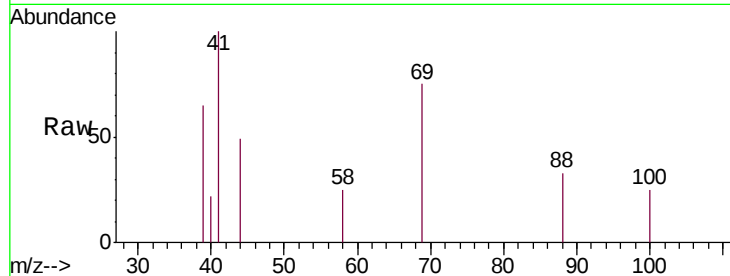




#49
1,4-Dioxane
Concen: 42.919 ug/l
RT: 6.43 min Scan# 1662
Delta R.T. 0.02 min
Lab File: VV009262.D
Acq: 24 Jan 2019 16:34

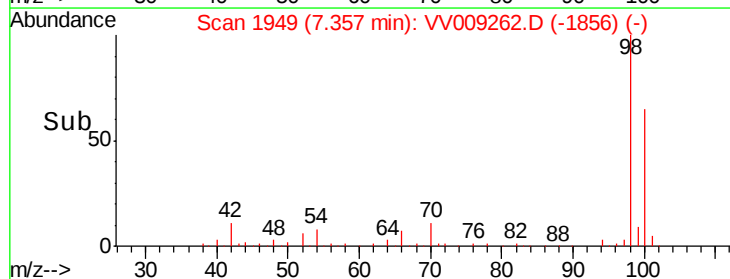
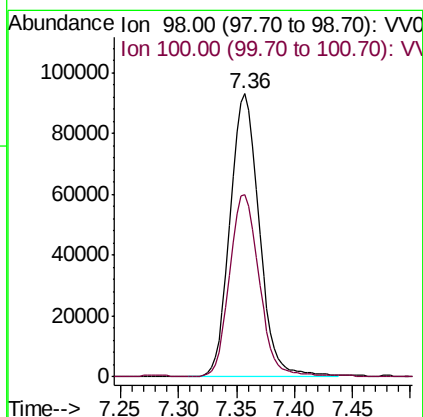
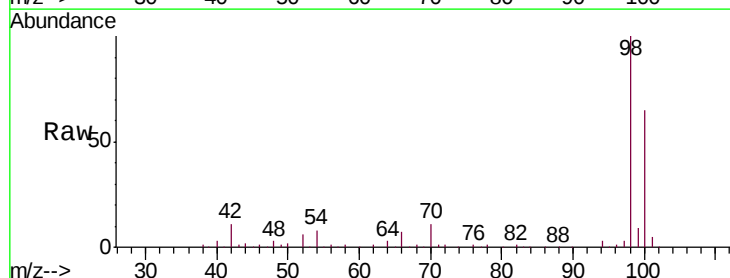
Instrument :
MSVOA_V
ClientSampleId :
MDL06

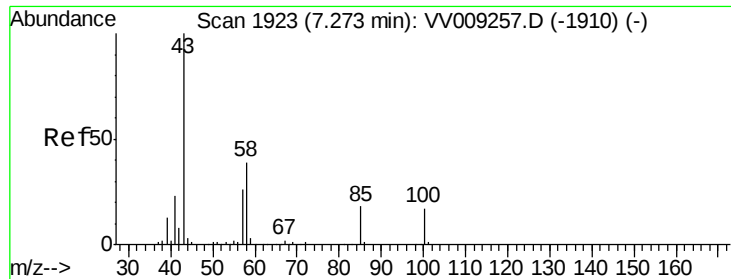
Tgt Ion: 88 Resp: 331
Ion Ratio Lower Upper
88 100
43 33.2 28.3 42.5
58 60.4 50.0 75.0



#50
Toluene-d8
Concen: 53.485 ug/l
RT: 7.36 min Scan# 1949
Delta R.T. 0.00 min
Lab File: VV009262.D
Acq: 24 Jan 2019 16:34

Tgt Ion: 98 Resp: 162354
Ion Ratio Lower Upper
98 100
100 65.6 53.2 79.8





#51

4-Methyl-2-Pentanone

Concen: 12.612 ug/l

RT: 7.28 min Scan# 1924

Delta R.T. 0.00 min

Lab File: VV009262.D

Acq: 24 Jan 2019 16:34

Instrument :

MSVOA_V

ClientSampleId :

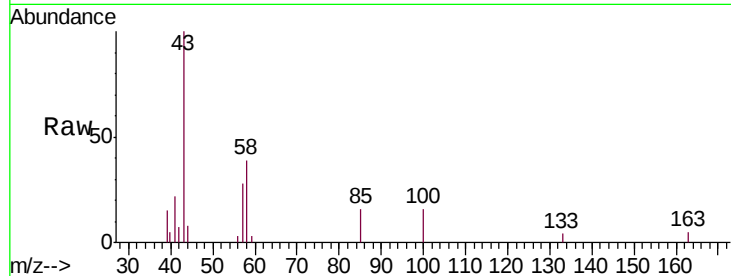
MDL06

Tgt Ion: 43 Resp: 7778

Ion Ratio Lower Upper

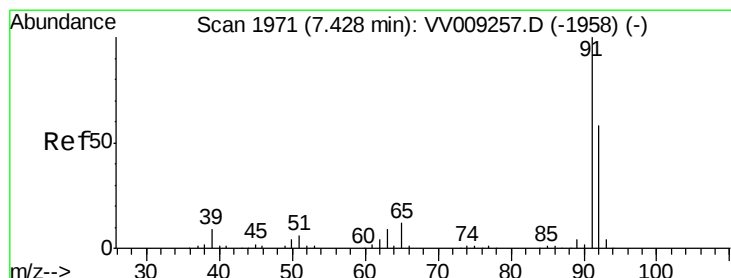
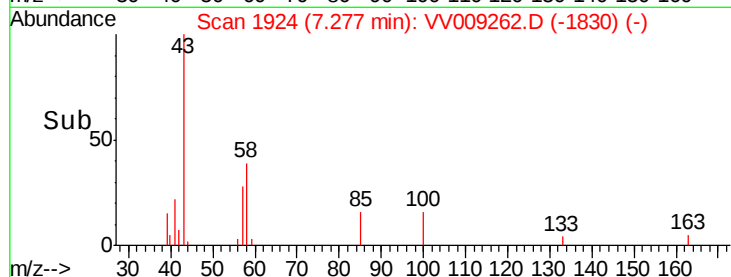
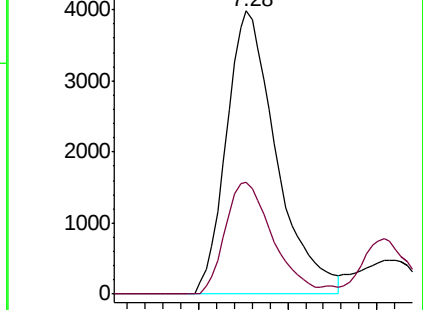
43 100

58 37.4 30.5 45.7



Abundance Ion 43.00 (42.70 to 43.70): VV009257.D (-1910) (-)

Ion 58.00 (57.70 to 58.70): VV009257.D (-1910) (-)



#52

Toluene

Concen: 2.758 ug/l

RT: 7.43 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VV009262.D

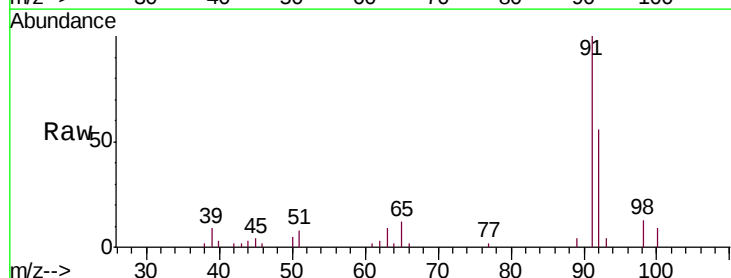
Acq: 24 Jan 2019 16:34

Tgt Ion: 92 Resp: 6207

Ion Ratio Lower Upper

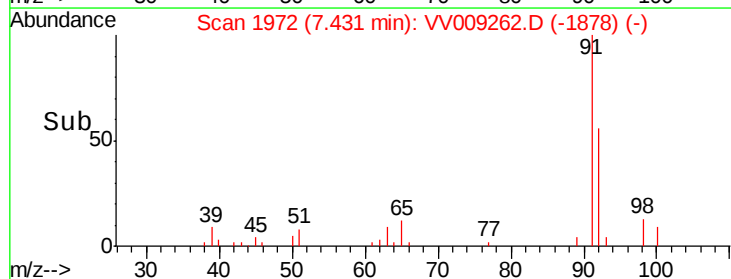
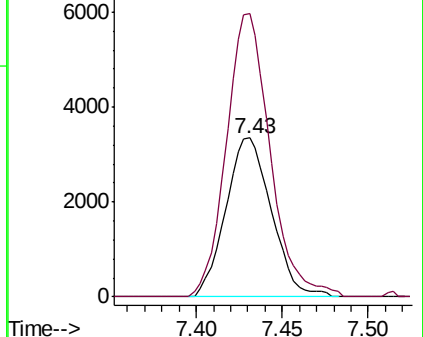
92 100

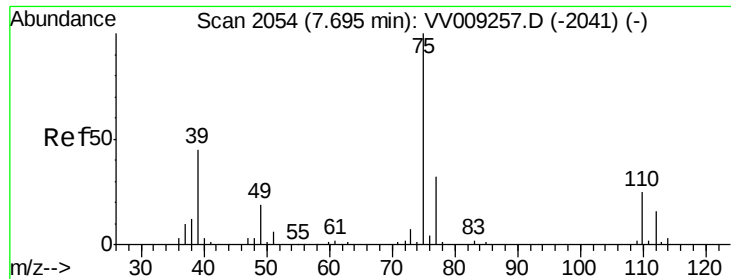
91 170.6 137.2 205.8



Abundance Ion 92.00 (91.70 to 92.70): VV009257.D (-1958) (-)

Ion 91.00 (90.70 to 91.70): VV009257.D (-1958) (-)

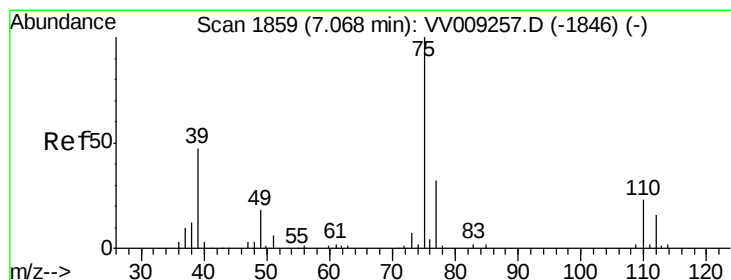
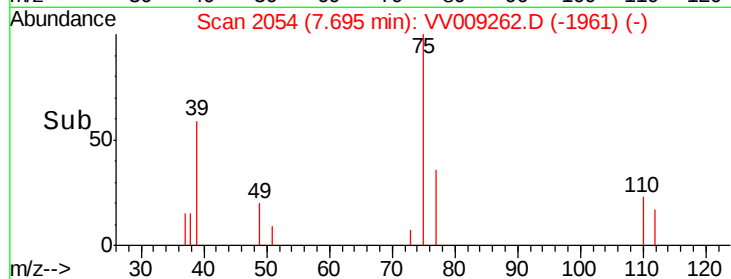
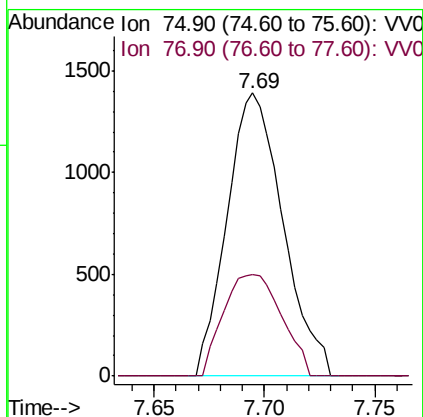
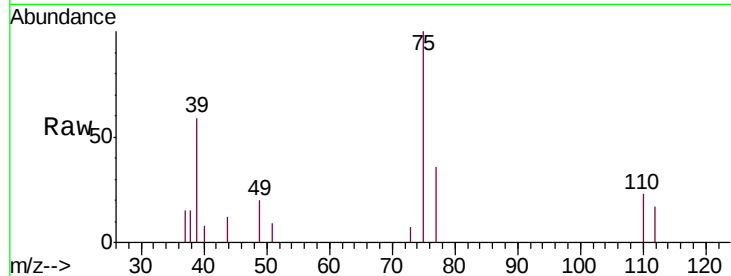




#53
 t-1,3-Dichloropropene
 Concen: 2.096 ug/l
 RT: 7.69 min Scan# 2054
 Delta R.T. 0.00 min
 Lab File: VV009262.D
 Acq: 24 Jan 2019 16:34

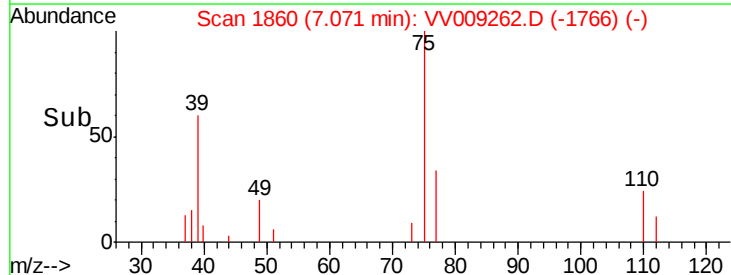
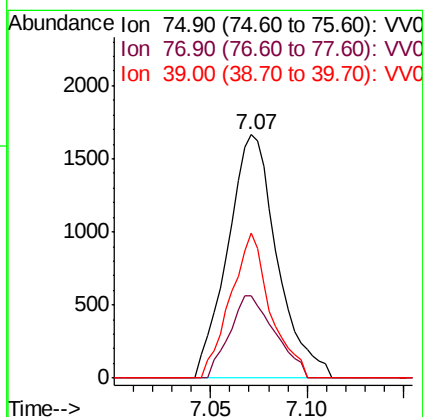
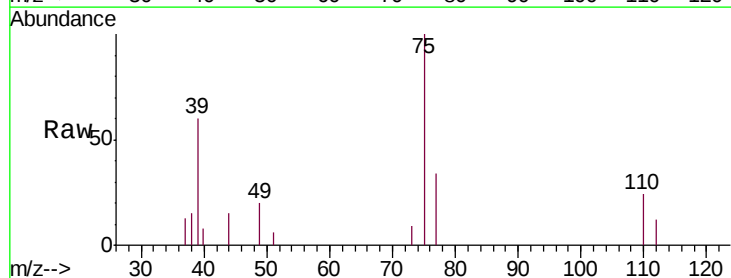
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL06

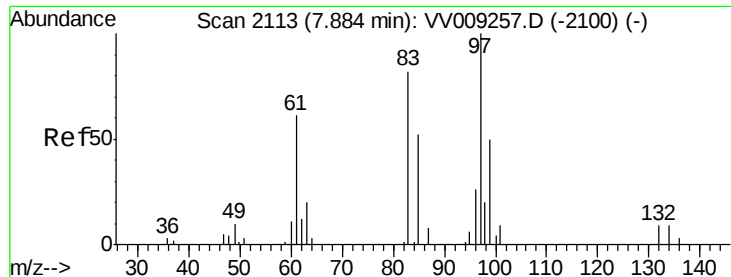
Tgt Ion: 75 Resp: 2450
 Ion Ratio Lower Upper
 75 100
 77 35.9 25.9 38.9



#54
 cis-1,3-Dichloropropene
 Concen: 2.228 ug/l
 RT: 7.07 min Scan# 1860
 Delta R.T. 0.00 min
 Lab File: VV009262.D
 Acq: 24 Jan 2019 16:34

Tgt Ion: 75 Resp: 2955
 Ion Ratio Lower Upper
 75 100
 77 33.8 25.8 38.6
 39 59.6 38.0 57.0#

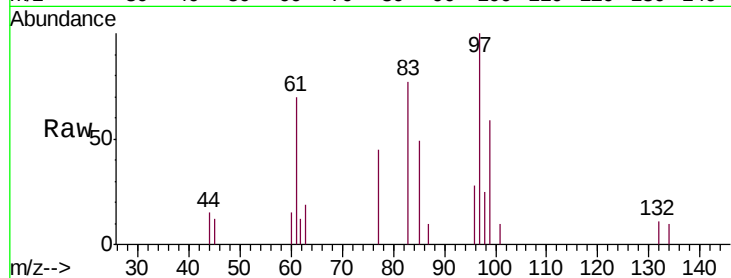




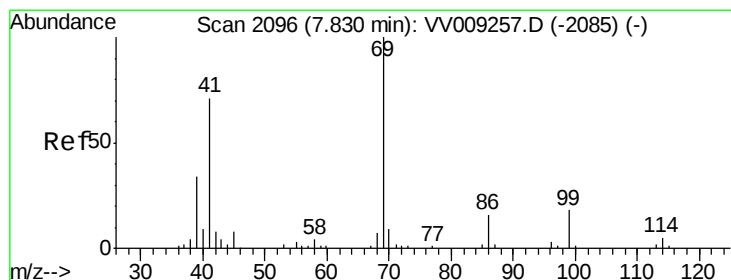
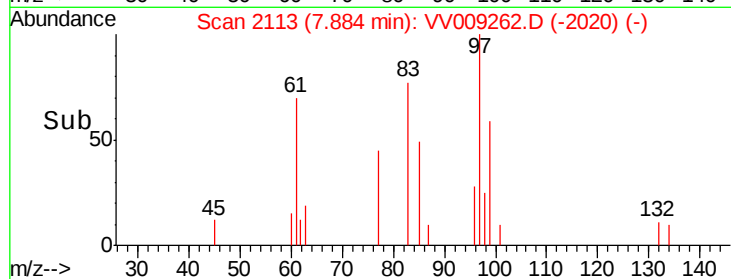
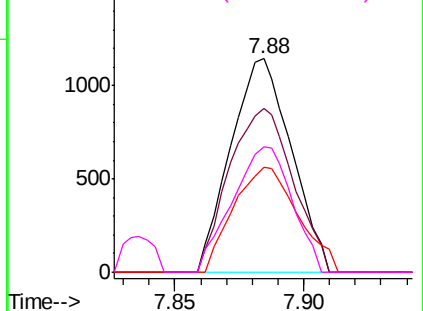
#55
 1,1,2-Trichloroethane
 Concen: 2.737 ug/l
 RT: 7.88 min Scan# 2113
 Delta R.T. 0.00 min
 Lab File: VV009262.D
 Acq: 24 Jan 2019 16:34

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL06

Tgt Ion:	97	Resp:	1876
Ion	Ratio	Lower	Upper
97	100		
83	76.7	65.6	98.4
85	49.0	41.8	62.8
99	59.0	49.8	74.8

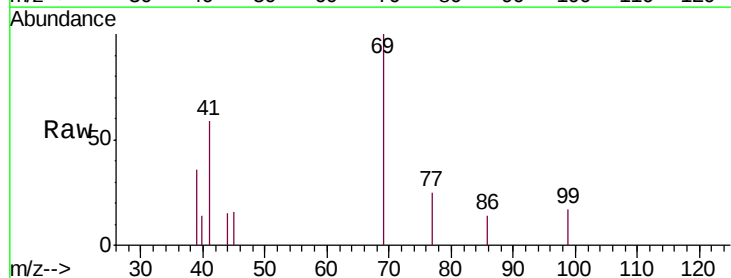


Abundance Ion 96.90 (96.60 to 97.60): VV0
 Ion 82.90 (82.60 to 83.60): VV0
 Ion 84.90 (84.60 to 85.60): VV0
 Ion 98.90 (98.60 to 99.60): VV0

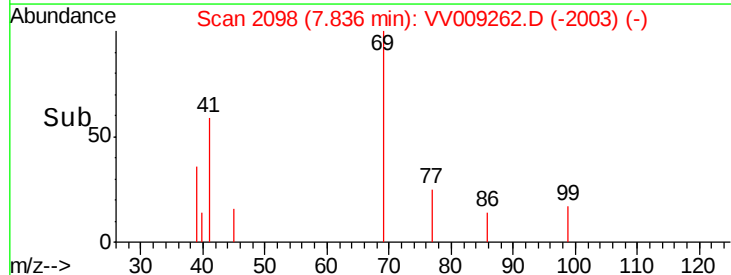
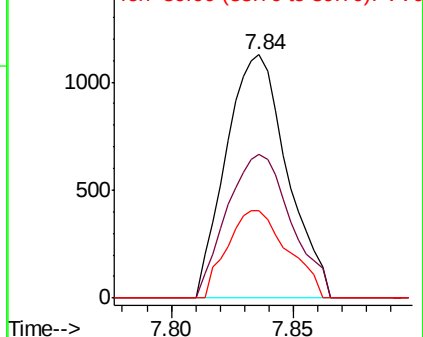


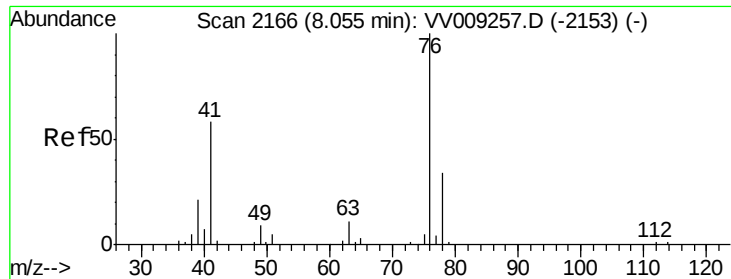
#56
 Ethyl methacrylate
 Concen: 2.361 ug/l
 RT: 7.84 min Scan# 2098
 Delta R.T. 0.01 min
 Lab File: VV009262.D
 Acq: 24 Jan 2019 16:34

Tgt Ion:	69	Resp:	1955
Ion	Ratio	Lower	Upper
69	100		
41	61.9	54.6	81.8
39	35.7	27.0	40.4



Abundance Ion 69.00 (68.70 to 69.70): VV0
 Ion 41.00 (40.70 to 41.70): VV0
 Ion 39.00 (38.70 to 39.70): VV0





#57

1,3-Dichloropropane

Concen: 2.640 ug/l

RT: 8.05 min Scan# 2166

Delta R.T. 0.00 min

Lab File: VV009262.D

Acq: 24 Jan 2019 16:34

Instrument :

MSVOA_V

ClientSampleId :

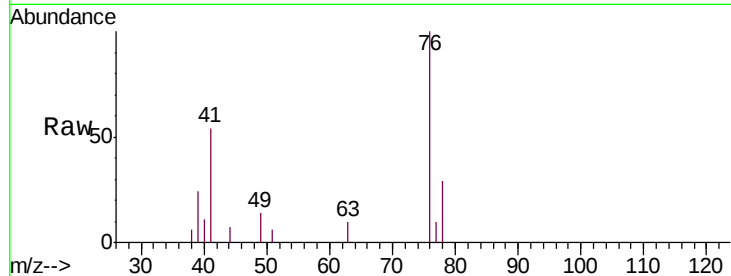
MDL06

Tgt Ion: 76 Resp: 3224

Ion Ratio Lower Upper

76 100

78 31.7 26.6 40.0



Abundance Ion 75.90 (75.60 to 76.60): VV009257.D (-2153) (-)

Ion 77.90 (77.60 to 78.60): VV009257.D (-2153) (-)

8.05

1500

1000

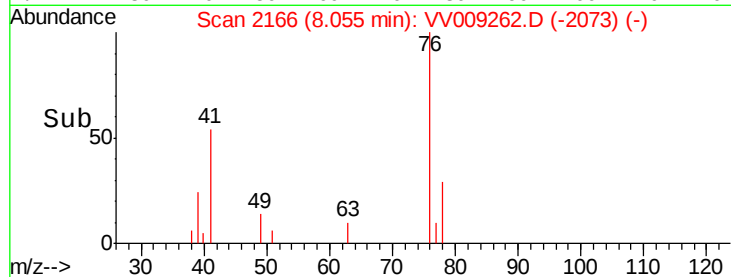
500

0

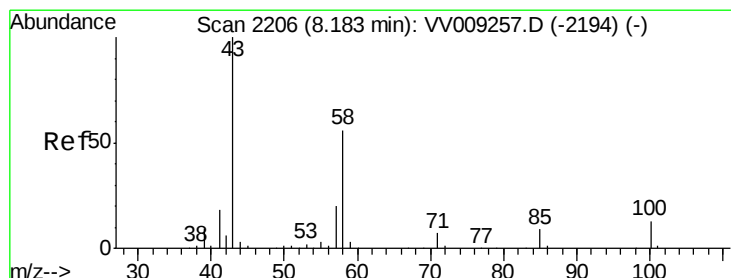
8.00

8.05

8.10



Time-->



#59

2-Hexanone

Concen: 11.652 ug/l

RT: 8.19 min Scan# 2208

Delta R.T. 0.01 min

Lab File: VV009262.D

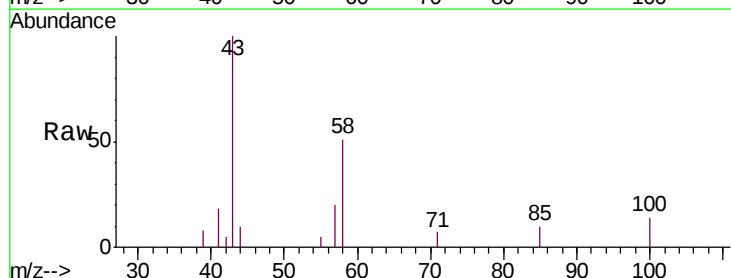
Acq: 24 Jan 2019 16:34

Tgt Ion: 43 Resp: 5166

Ion Ratio Lower Upper

43 100

58 49.8 27.9 83.7



Abundance Ion 43.00 (42.70 to 43.70): VV009257.D (-2194) (-)

Ion 58.00 (57.70 to 58.70): VV009257.D (-2194) (-)

8.19

3000

2500

2000

1500

1000

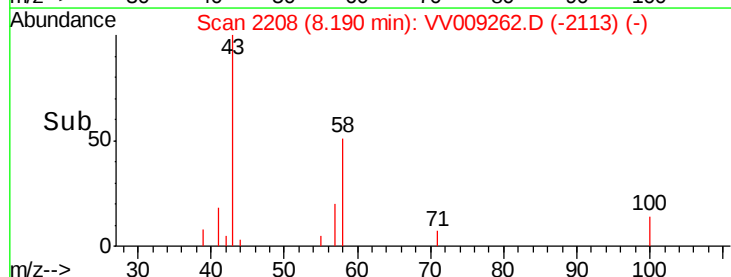
500

0

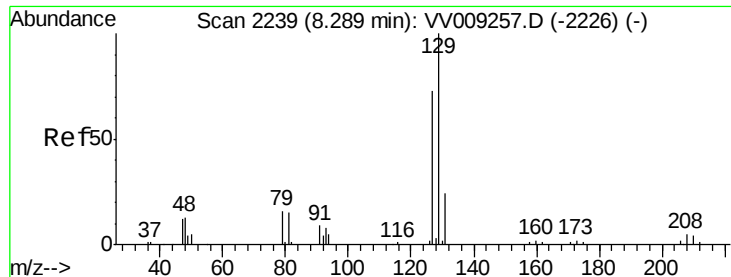
8.15

8.20

8.25



Time-->



#60

Dibromochloromethane

Concen: 2.245 ug/l

RT: 8.29 min Scan# 2239

Delta R.T. 0.00 min

Lab File: VV009262.D

Acq: 24 Jan 2019 16:34

Instrument :

MSVOA_V

ClientSampleId :

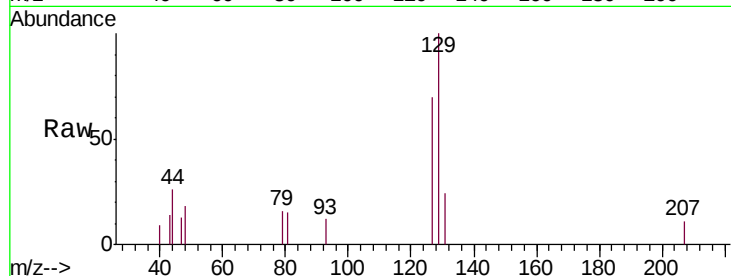
MDL06

Tgt Ion:129 Resp: 1759

Ion Ratio Lower Upper

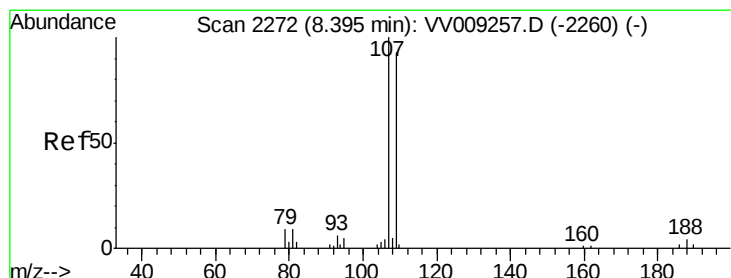
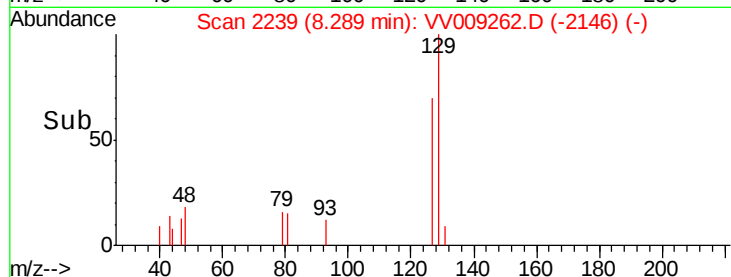
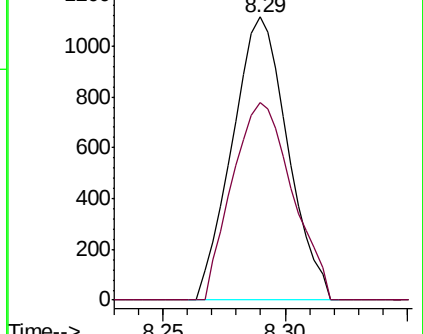
129 100

127 75.7 37.9 113.6



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V



#61

1,2-Dibromoethane

Concen: 2.581 ug/l

RT: 8.40 min Scan# 2273

Delta R.T. 0.00 min

Lab File: VV009262.D

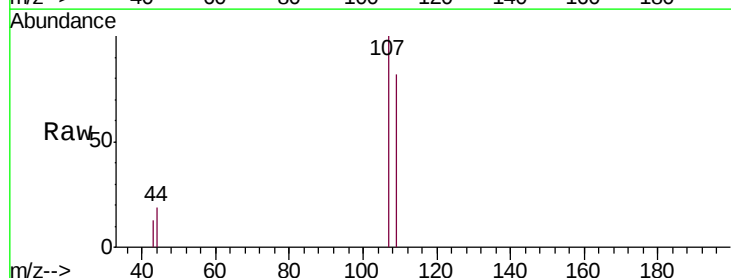
Acq: 24 Jan 2019 16:34

Tgt Ion:107 Resp: 1777

Ion Ratio Lower Upper

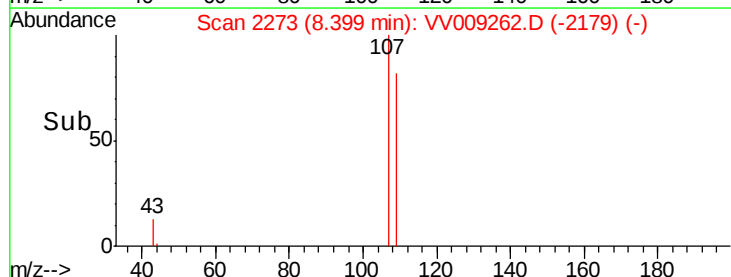
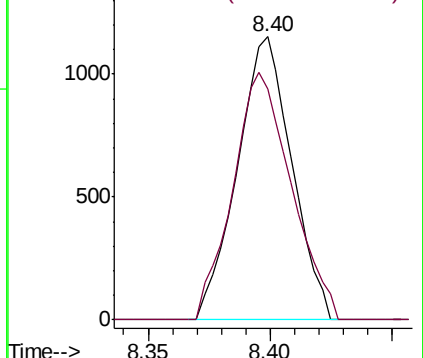
107 100

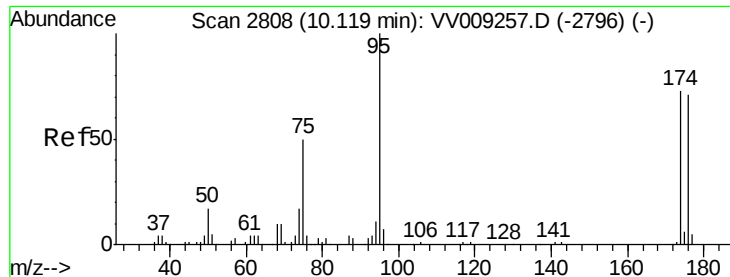
109 94.1 74.7 112.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V





#62

4-Bromofluorobenzene

Concen: 50.977 ug/l

RT: 10.12 min Scan# 2809

Delta R.T. 0.00 min

Lab File: VV009262.D

Acq: 24 Jan 2019 16:34

Instrument :

MSVOA_V

ClientSampleId :

MDL06

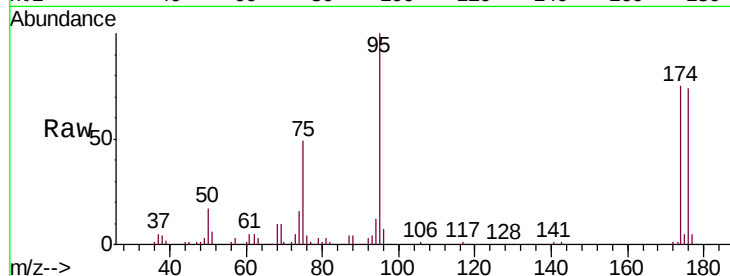
Tgt Ion: 95 Resp: 59688

Ion Ratio Lower Upper

95 100

174 75.7 0.0 150.0

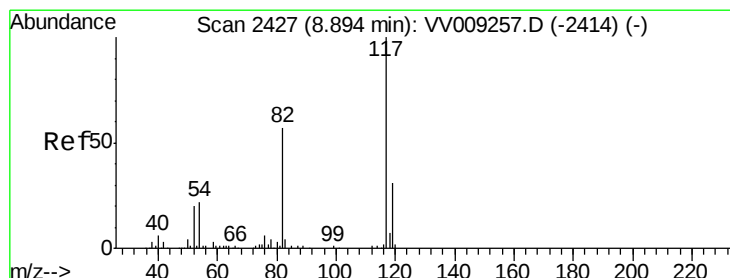
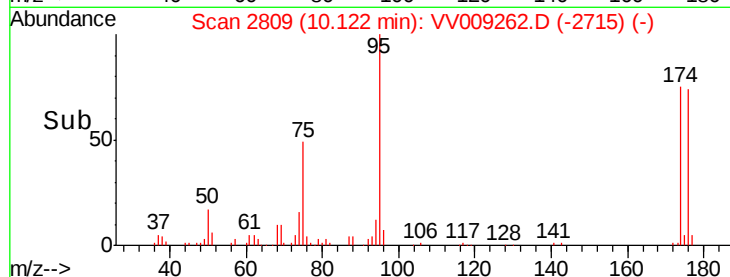
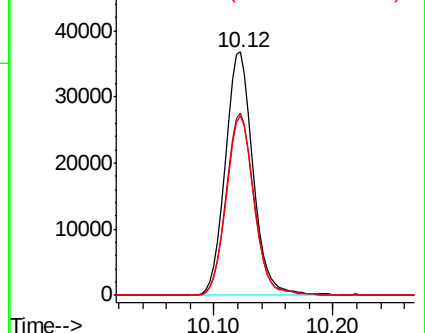
176 73.5 0.0 144.0



Abundance Ion 94.90 (94.60 to 95.60): VV009257.D (-2796) (-)

Ion 173.80 (173.50 to 174.50): VV009257.D (-2796) (-)

Ion 175.80 (175.50 to 176.50): VV009257.D (-2796) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 8.89 min Scan# 2427

Delta R.T. 0.00 min

Lab File: VV009262.D

Acq: 24 Jan 2019 16:34

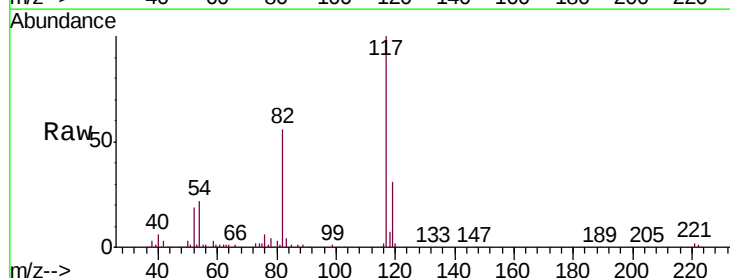
Tgt Ion: 117 Resp: 113641

Ion Ratio Lower Upper

117 100

82 55.5 45.8 68.6

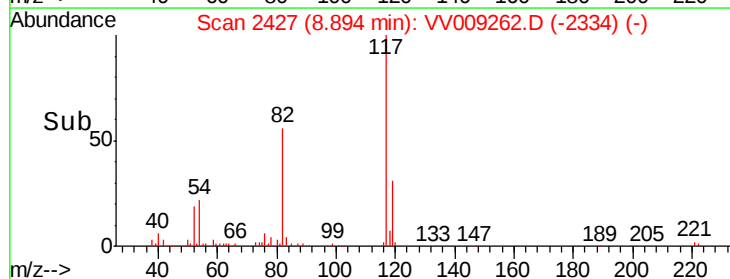
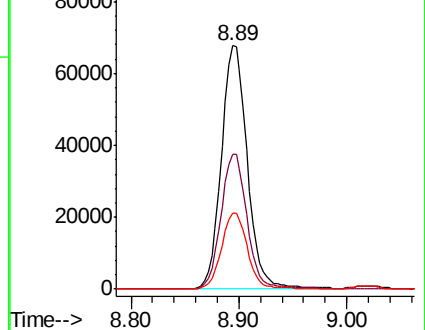
119 31.1 24.8 37.2

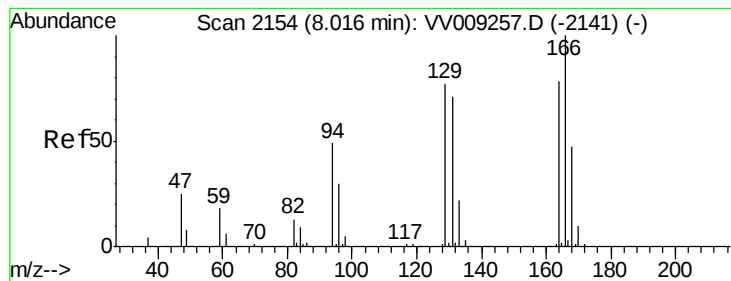


Abundance Ion 116.90 (116.60 to 117.60): VV009257.D (-2414) (-)

Ion 82.00 (81.70 to 82.70): VV009257.D (-2414) (-)

Ion 118.90 (118.60 to 119.60): VV009257.D (-2414) (-)





#64

Tetrachloroethene

Concen: 2.833 ug/l

RT: 8.02 min Scan# 2154

Delta R.T. 0.00 min

Lab File: VV009262.D

Acq: 24 Jan 2019 16:34

Instrument :

MSVOA_V

ClientSampleId :

MDL06

Tgt Ion:164 Resp: 2220

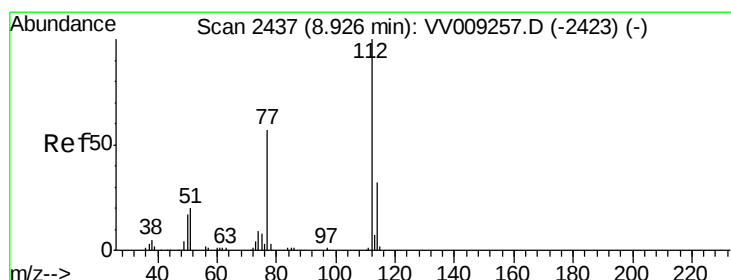
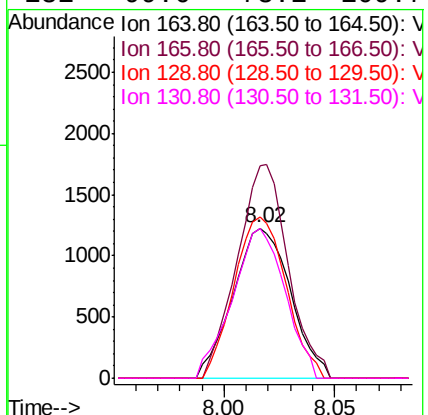
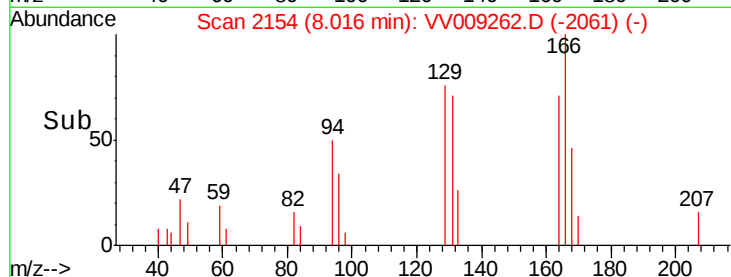
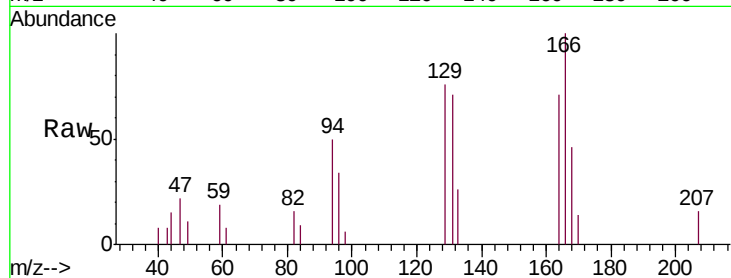
Ion Ratio Lower Upper

164 100

166 141.0 102.3 153.5

129 106.8 78.6 117.8

131 99.6 73.1 109.7



#65

Chlorobenzene

Concen: 2.668 ug/l

RT: 8.92 min Scan# 2436

Delta R.T. -0.00 min

Lab File: VV009262.D

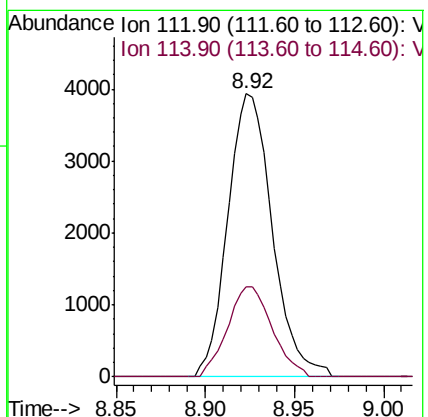
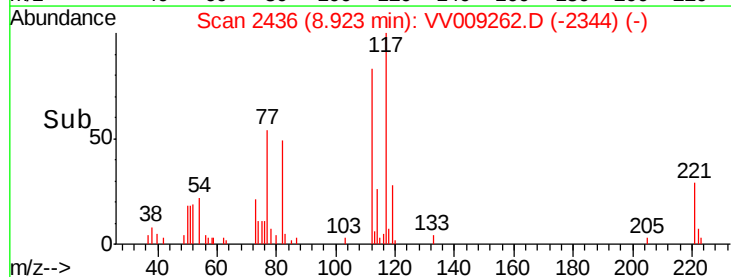
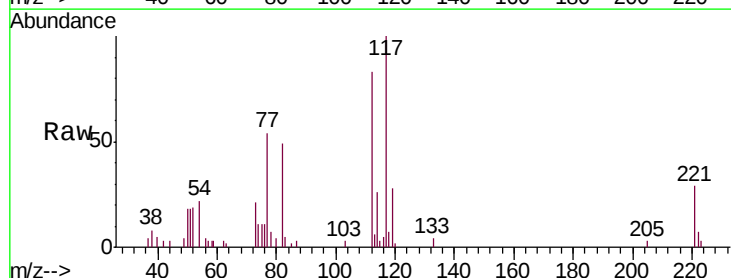
Acq: 24 Jan 2019 16:34

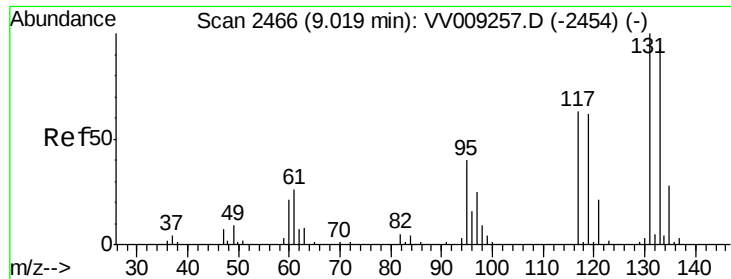
Tgt Ion:112 Resp: 6838

Ion Ratio Lower Upper

112 100

114 32.0 25.6 38.4





#66

1,1,1,2-Tetrachloroethane

Concen: 2.590 ug/l

RT: 9.02 min Scan# 2465

Delta R.T. -0.00 min

Lab File: VV009262.D

Acq: 24 Jan 2019 16:34

Instrument :

MSVOA_V

ClientSampleId :

MDL06

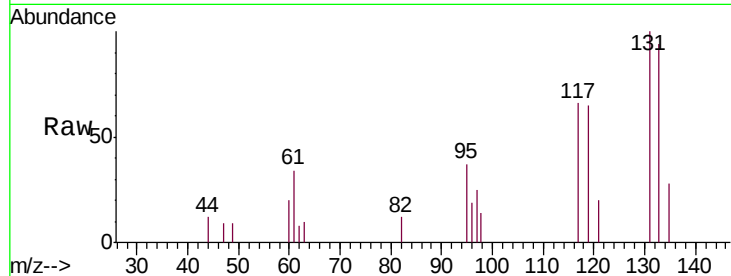
Tgt Ion:131 Resp: 2216

Ion Ratio Lower Upper

131 100

133 92.1 47.7 143.1

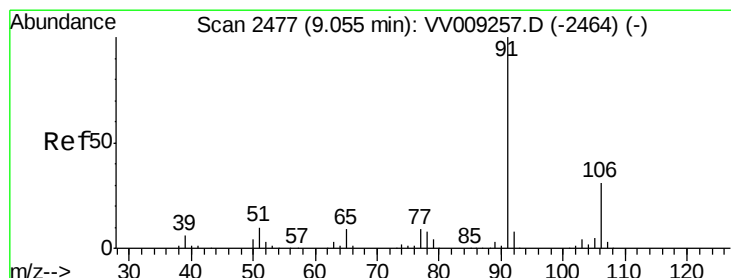
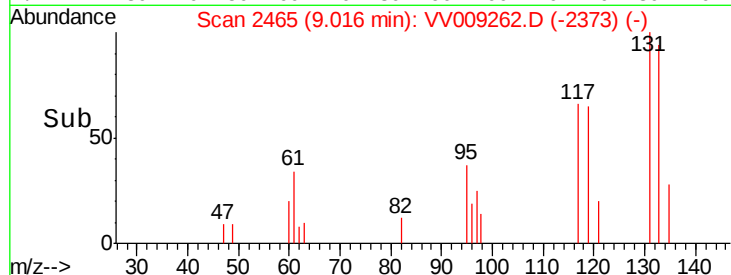
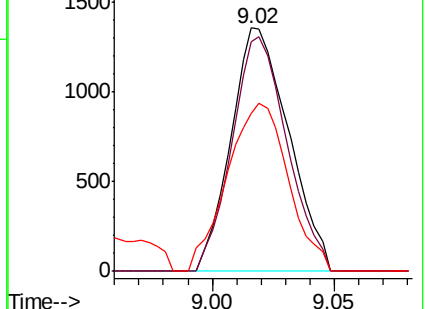
119 73.1 32.4 97.2



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V



#67

Ethyl Benzene

Concen: 2.634 ug/l

RT: 9.05 min Scan# 2477

Delta R.T. 0.00 min

Lab File: VV009262.D

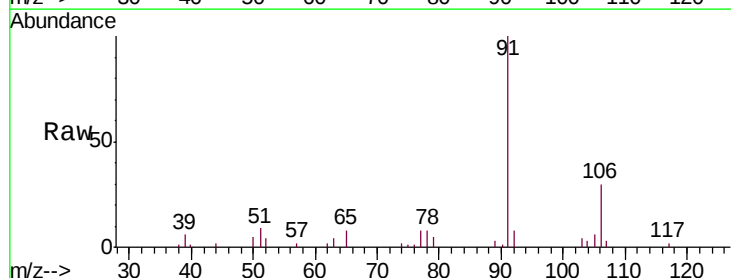
Acq: 24 Jan 2019 16:34

Tgt Ion: 91 Resp: 11451

Ion Ratio Lower Upper

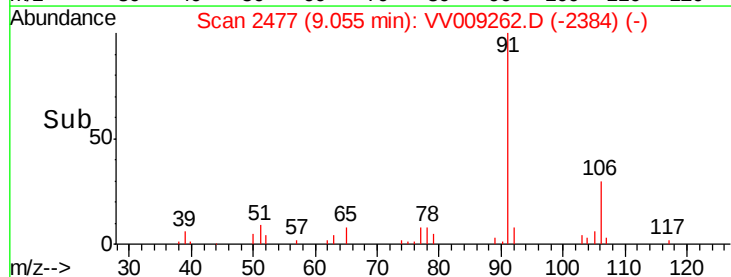
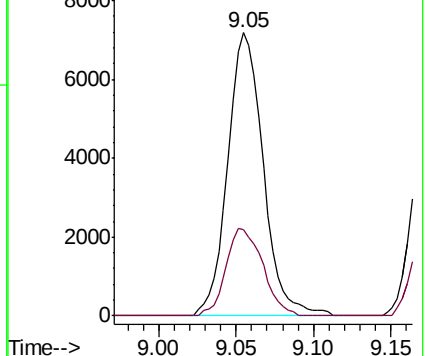
91 100

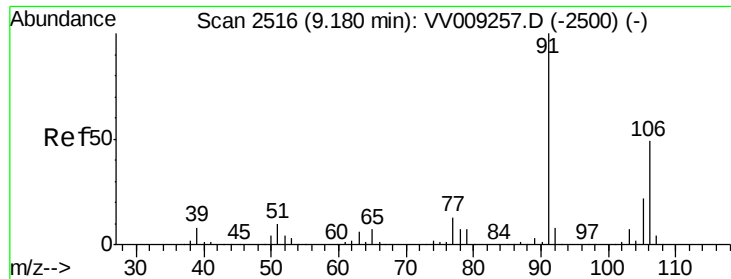
106 30.4 24.6 37.0



Abundance Ion 91.00 (90.70 to 91.70): VV0

Ion 106.00 (105.70 to 106.70): V

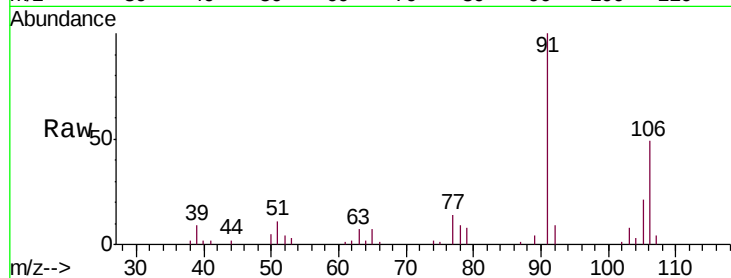




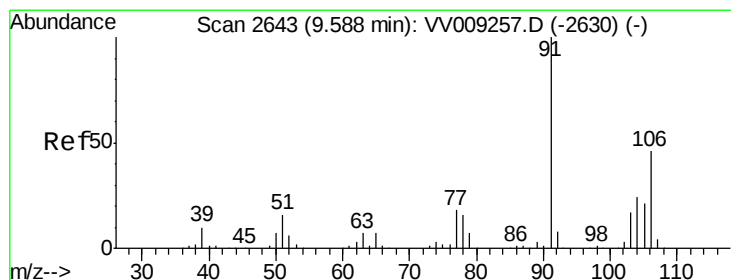
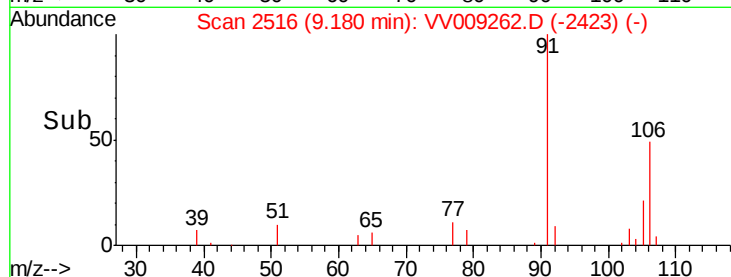
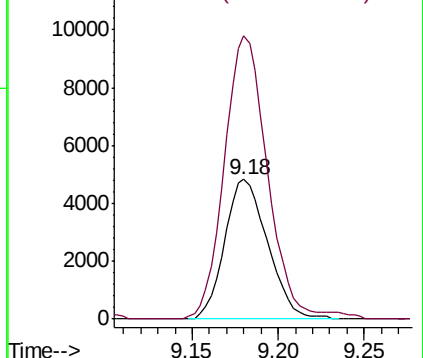
#68
m/p-Xylenes
Concen: 5.035 ug/l
RT: 9.18 min Scan# 2516
Delta R.T. 0.00 min
Lab File: VV009262.D
Acq: 24 Jan 2019 16:34

Instrument :
MSVOA_V
ClientSampleId :
MDL06

Tgt Ion:106 Resp: 8398
Ion Ratio Lower Upper
106 100
91 201.3 161.9 242.9

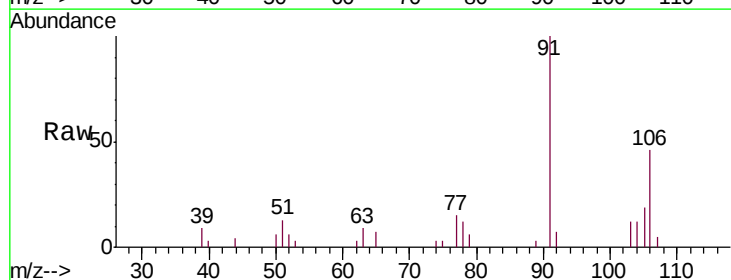


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VV0

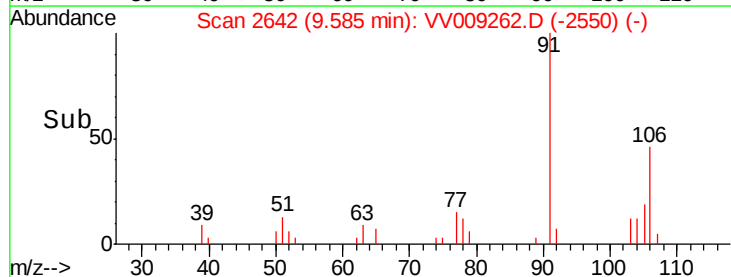
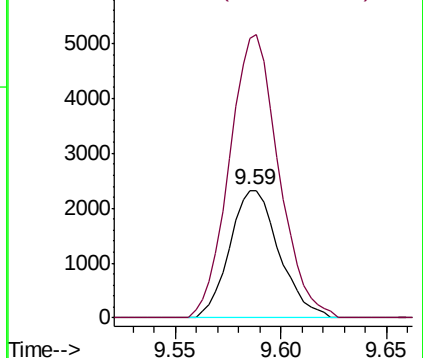


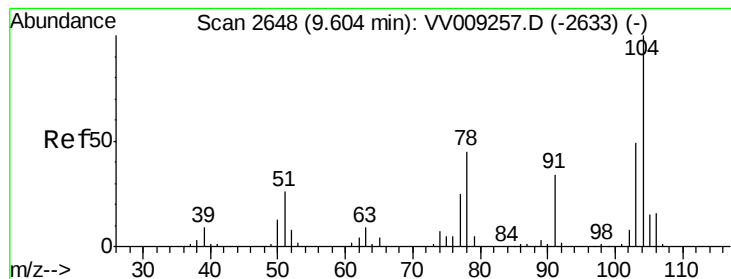
#69
o-Xylene
Concen: 2.426 ug/l
RT: 9.59 min Scan# 2642
Delta R.T. -0.00 min
Lab File: VV009262.D
Acq: 24 Jan 2019 16:34

Tgt Ion:106 Resp: 3781
Ion Ratio Lower Upper
106 100
91 221.5 108.3 324.9



Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VV0





#70

Styrene

Concen: 2.269 ug/l

RT: 9.60 min Scan# 2648

Delta R.T. 0.00 min

Lab File: VV009262.D

Acq: 24 Jan 2019 16:34

Instrument :

MSVOA_V

ClientSampleId :

MDL06

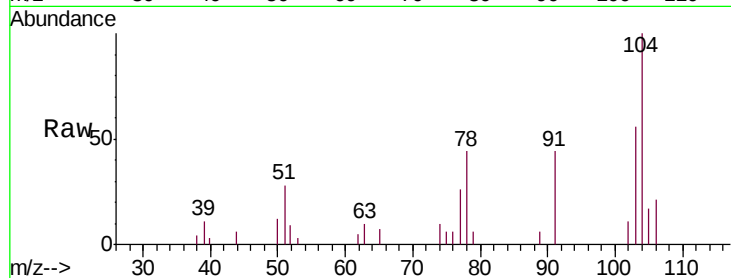
Tgt Ion:104 Resp: 5759

Ion Ratio Lower Upper

104 100

78 47.5 40.6 60.8

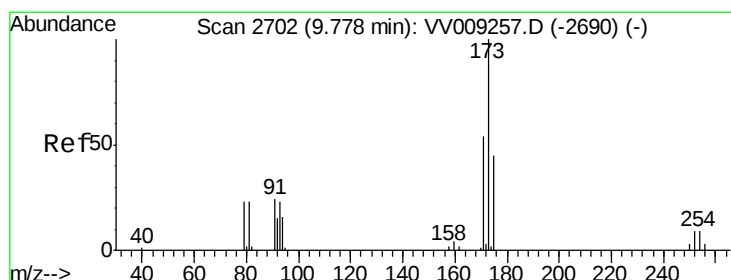
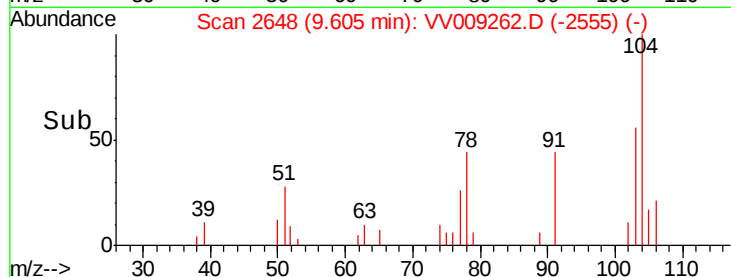
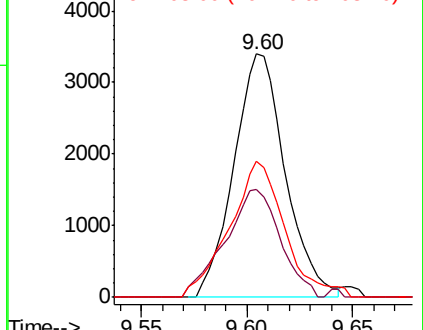
103 60.0 43.3 64.9



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VV0

Ion 103.00 (102.70 to 103.70): V



#71

Bromoform

Concen: 2.168 ug/l

RT: 9.77 min Scan# 2701

Delta R.T. -0.00 min

Lab File: VV009262.D

Acq: 24 Jan 2019 16:34

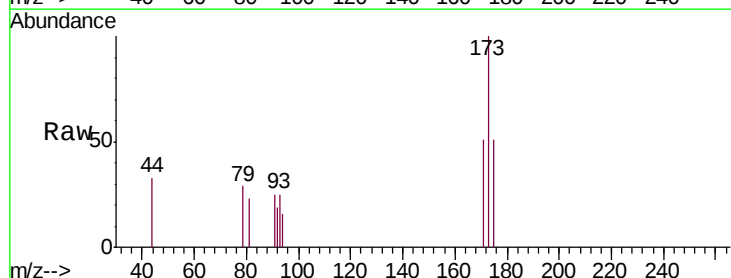
Tgt Ion:173 Resp: 1000

Ion Ratio Lower Upper

173 100

175 47.7 23.9 71.7

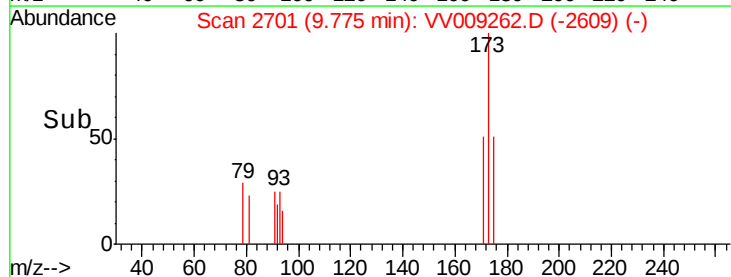
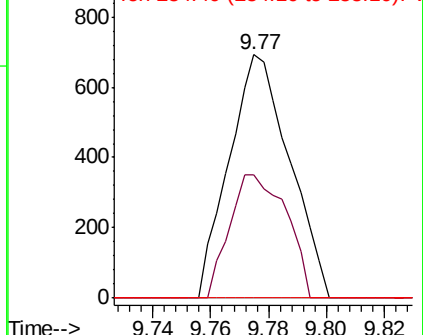
254 0.0 0.0 0.0

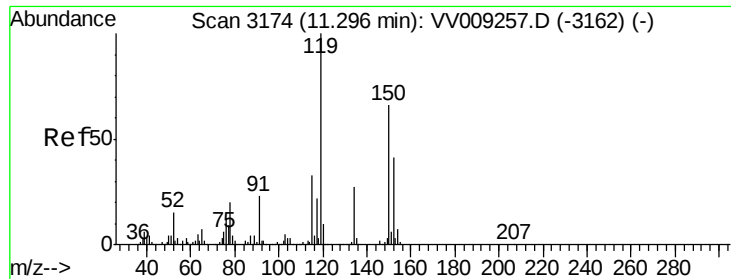


Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



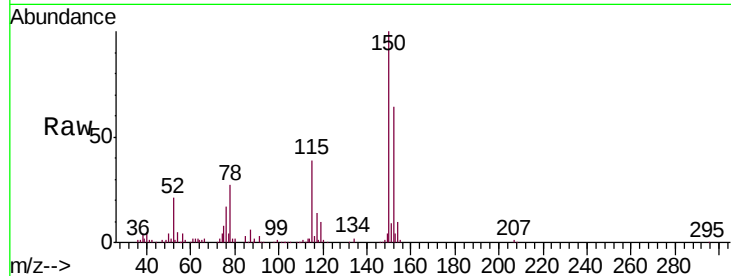


#72

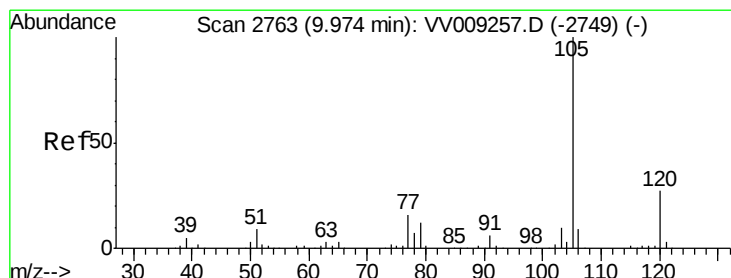
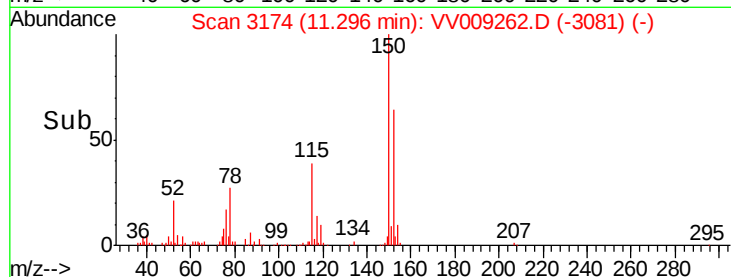
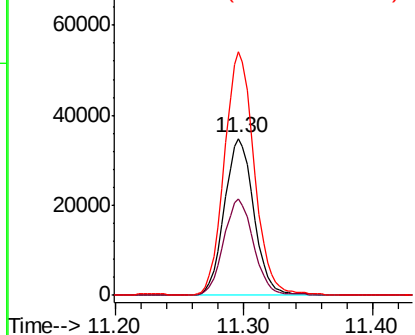
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.30 min Scan# 3174
Delta R.T. 0.00 min
Lab File: VV009262.D
Acq: 24 Jan 2019 16:34

Instrument :
MSVOA_V
ClientSampled :
MDL06

Tgt Ion:152 Resp: 55347
Ion Ratio Lower Upper
152 100
115 62.1 43.0 128.8
150 157.4 0.0 352.0



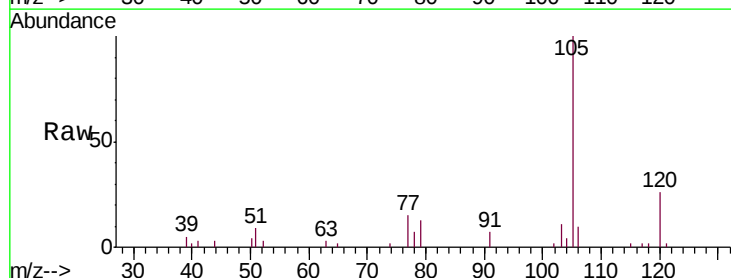
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



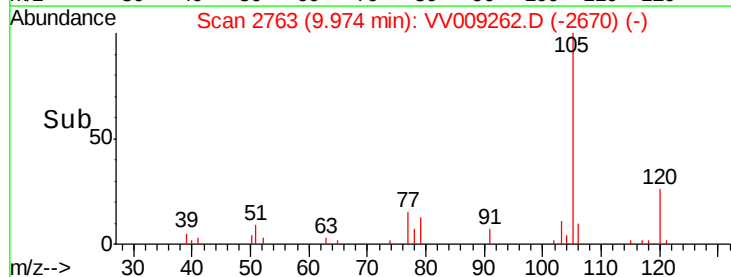
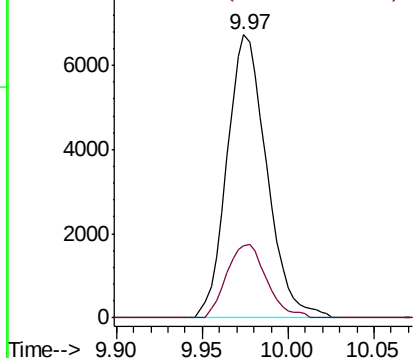
#73

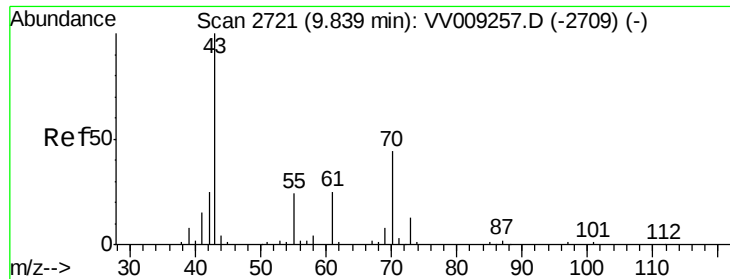
Isopropylbenzene
Concen: 2.629 ug/l
RT: 9.97 min Scan# 2763
Delta R.T. 0.00 min
Lab File: VV009262.D
Acq: 24 Jan 2019 16:34

Tgt Ion:105 Resp: 10804
Ion Ratio Lower Upper
105 100
120 26.0 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#74

N-ethyl acetate

Concen: 2.073 ug/l

RT: 9.84 min Scan# 2721

Delta R.T. 0.00 min

Lab File: VV009262.D

Acq: 24 Jan 2019 16:34

Instrument :

MSVOA_V

ClientSampled :

MDL06

Tgt Ion: 43 Resp: 1994

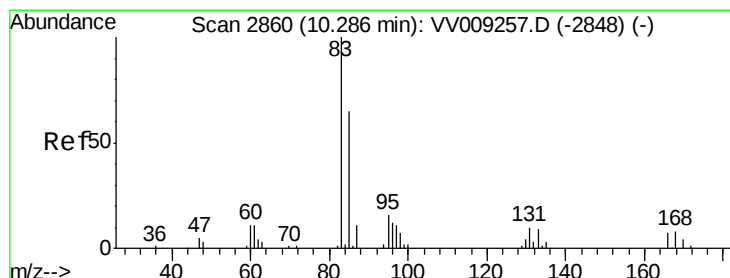
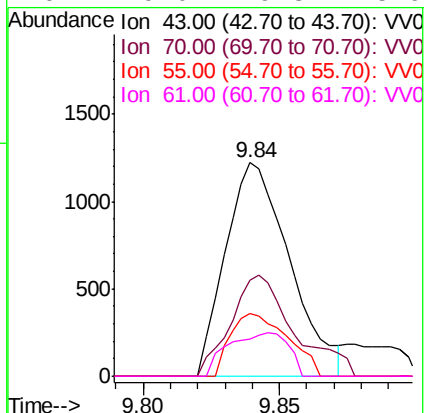
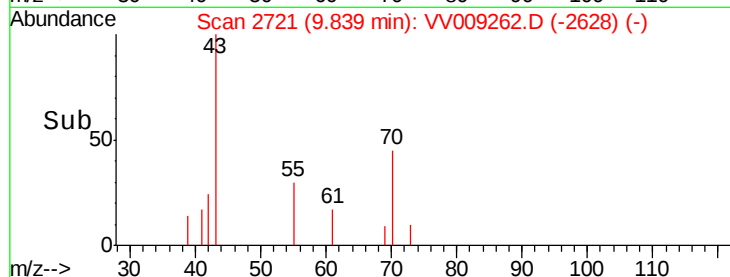
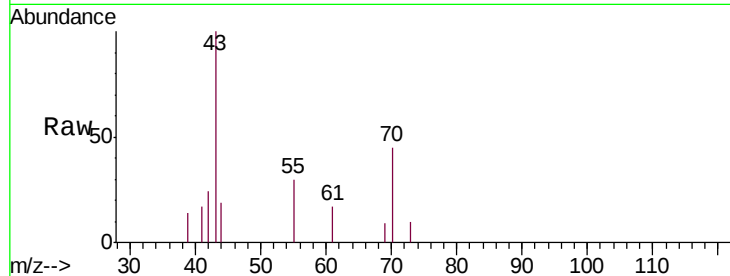
Ion Ratio Lower Upper

43 100

70 46.5 35.4 53.0

55 26.5 20.4 30.6

61 19.0 19.3 28.9#



#75

1,1,2,2-Tetrachloroethane

Concen: 2.637 ug/l

RT: 10.29 min Scan# 2861

Delta R.T. 0.00 min

Lab File: VV009262.D

Acq: 24 Jan 2019 16:34

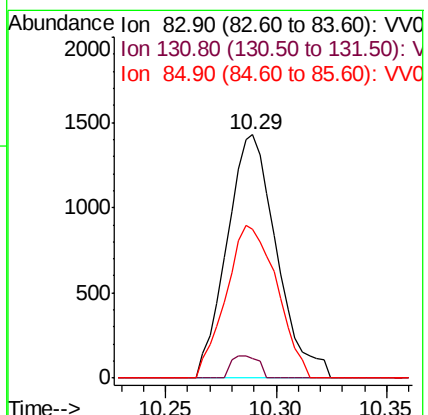
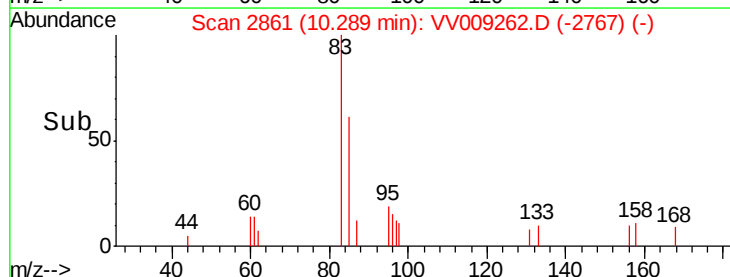
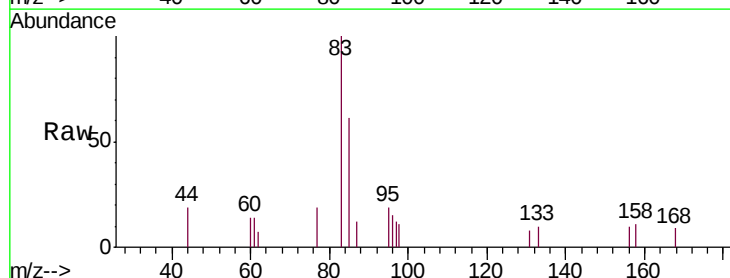
Tgt Ion: 83 Resp: 2229

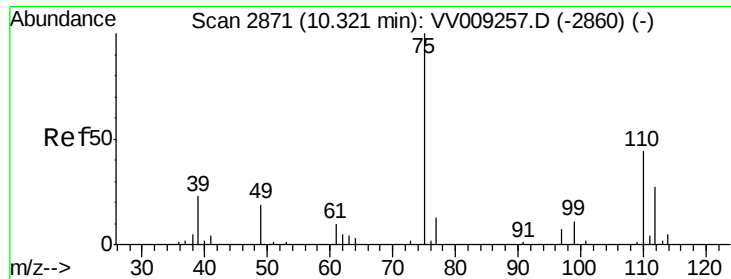
Ion Ratio Lower Upper

83 100

131 5.1 5.0 15.0

85 64.5 32.4 97.2





#76

1,2,3-Trichloropropane

Concen: 2.991 ug/l

RT: 10.32 min Scan# 2871

Delta R.T. 0.00 min

Lab File: VV009262.D

Acq: 24 Jan 2019 16:34

Instrument :

MSVOA_V

ClientSampleId :

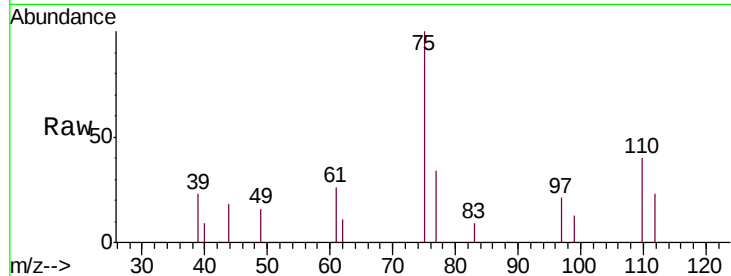
MDL06

Tgt Ion: 75 Resp: 1954

Ion Ratio Lower Upper

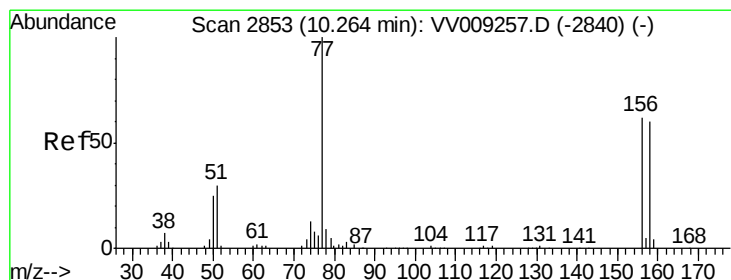
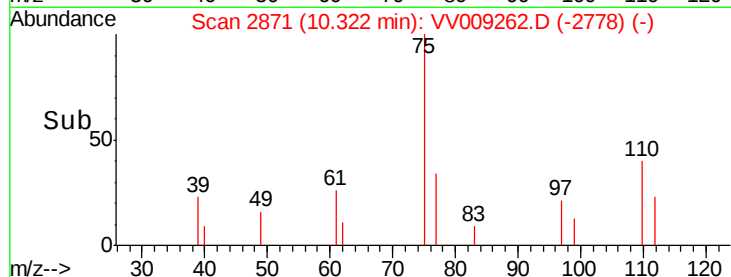
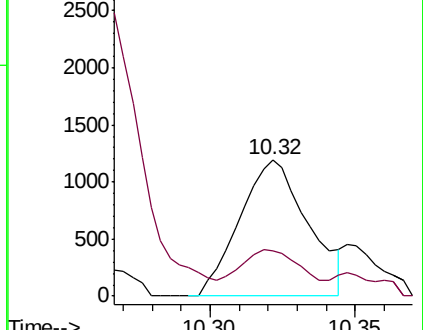
75 100

77 32.3 6.2 18.4#



Abundance Ion 74.90 (74.60 to 75.60): VV009257.D (-2860) (-)

Ion 77.00 (76.70 to 77.70): VV009257.D (-2860) (-)



#77

Bromobenzene

Concen: 2.854 ug/l

RT: 10.26 min Scan# 2853

Delta R.T. 0.00 min

Lab File: VV009262.D

Acq: 24 Jan 2019 16:34

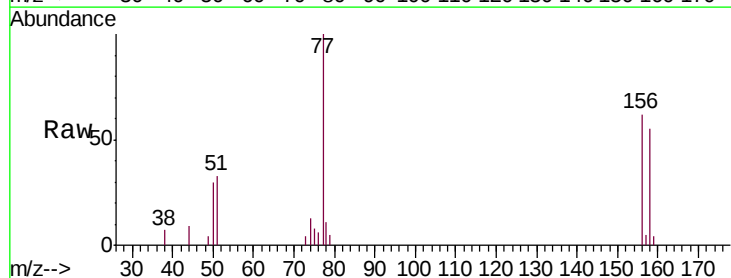
Tgt Ion: 156 Resp: 2737

Ion Ratio Lower Upper

156 100

77 169.9 81.7 244.9

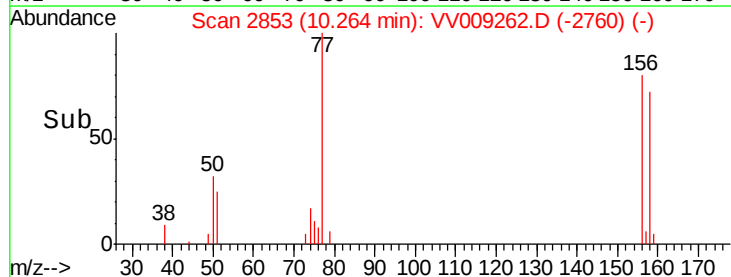
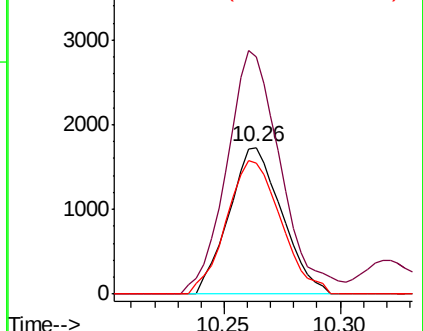
158 93.8 48.4 145.0

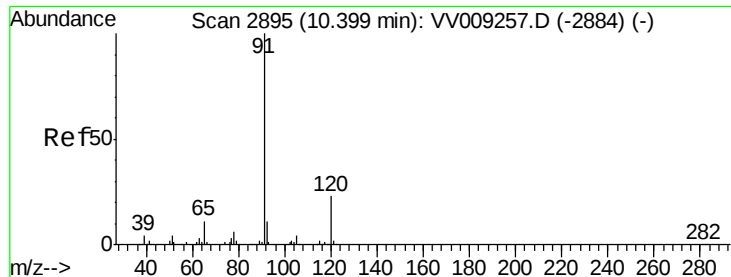


Abundance Ion 155.80 (155.50 to 156.50): VV009257.D (-2840) (-)

Ion 77.00 (76.70 to 77.70): VV009257.D (-2840) (-)

Ion 157.80 (157.50 to 158.50): VV009257.D (-2840) (-)





#78

n-propylbenzene

Concen: 2.858 ug/l

RT: 10.40 min Scan# 2895

Delta R.T. 0.00 min

Lab File: VV009262.D

Acq: 24 Jan 2019 16:34

Instrument :

MSVOA_V

ClientSampleId :

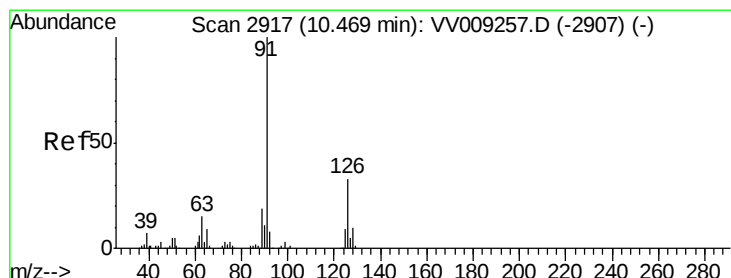
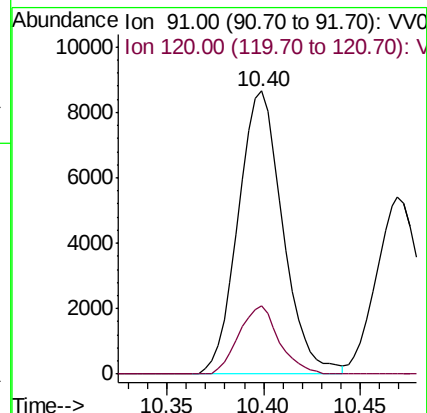
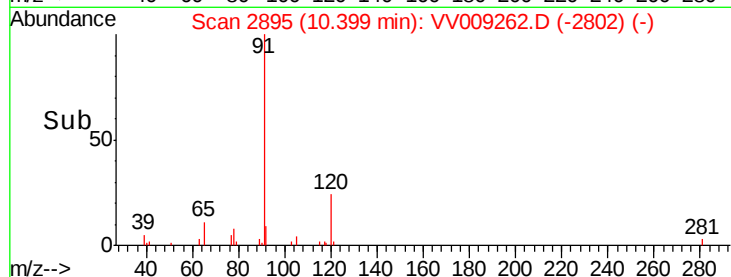
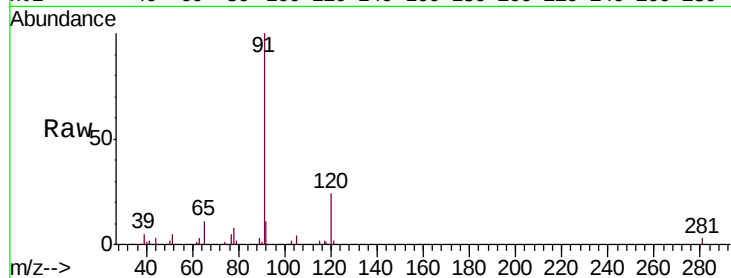
MDL06

Tgt Ion: 91 Resp: 13896

Ion Ratio Lower Upper

91 100

120 21.7 11.6 34.8



#79

2-Chlorotoluene

Concen: 3.008 ug/l

RT: 10.47 min Scan# 2917

Delta R.T. 0.00 min

Lab File: VV009262.D

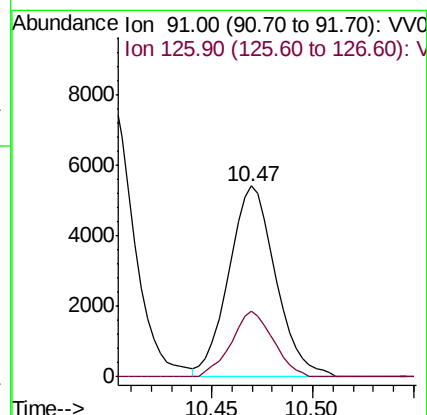
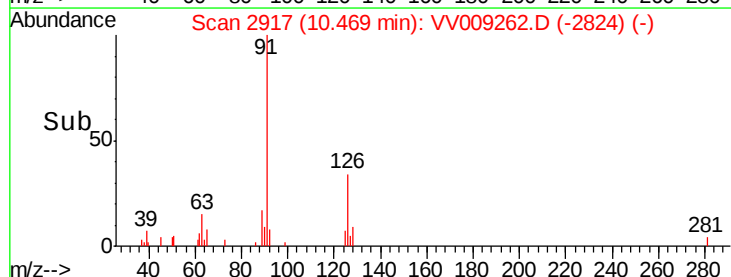
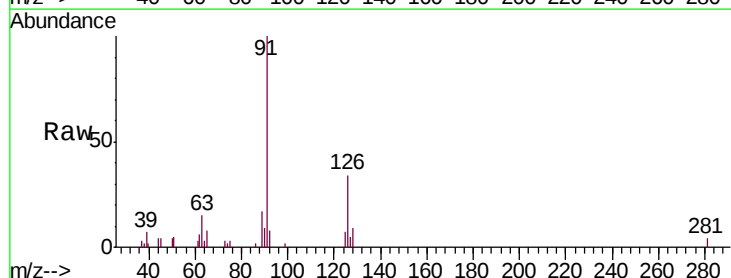
Acq: 24 Jan 2019 16:34

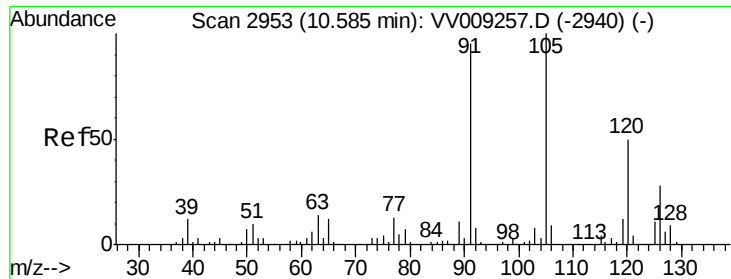
Tgt Ion: 91 Resp: 8815

Ion Ratio Lower Upper

91 100

126 30.9 16.4 49.4





#80

1,3,5-Trimethylbenzene

Concen: 2.607 ug/l

RT: 10.59 min Scan# 2953

Delta R.T. 0.00 min

Lab File: VV009262.D

Acq: 24 Jan 2019 16:34

Instrument :

MSVOA_V

ClientSampled :

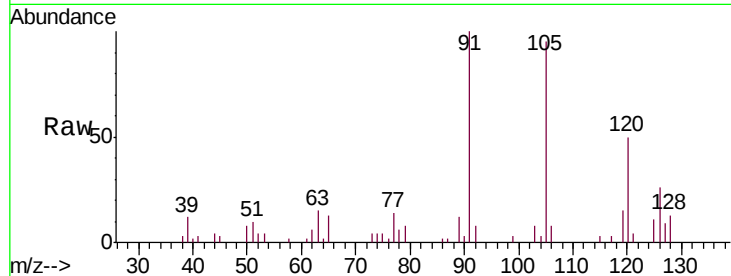
MDL06

Tgt Ion: 105 Resp: 9014

Ion Ratio Lower Upper

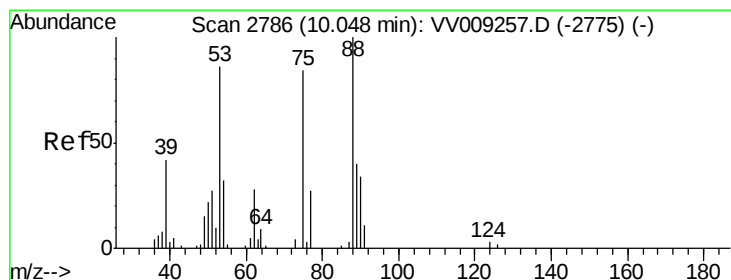
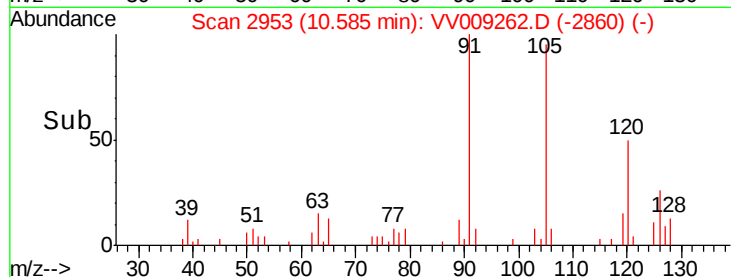
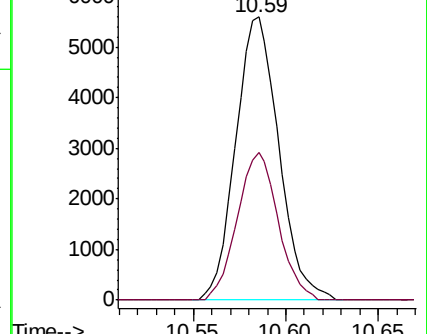
105 100

120 49.5 24.8 74.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

trans-1,4-Dichloro-2-butene

Concen: 128.921 ug/l

RT: 10.12 min Scan# 2808

Delta R.T. 0.07 min

Lab File: VV009262.D

Acq: 24 Jan 2019 16:34

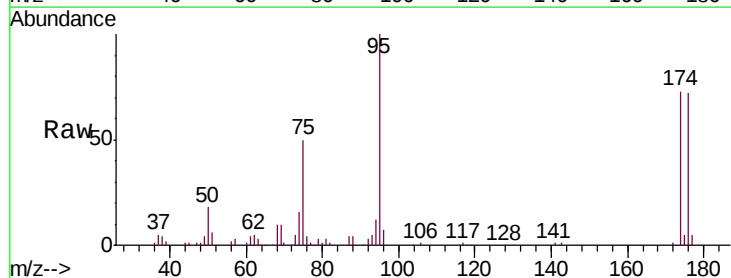
Tgt Ion: 75 Resp: 29652

Ion Ratio Lower Upper

75 100

53 0.0 80.2 120.2#

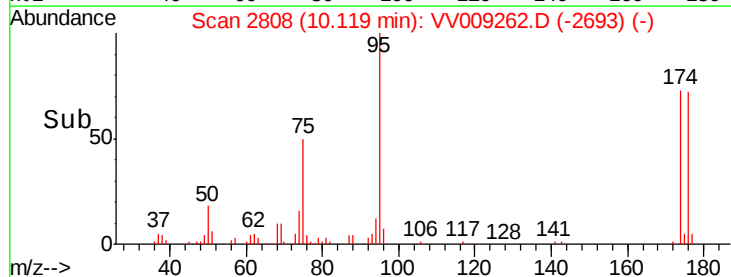
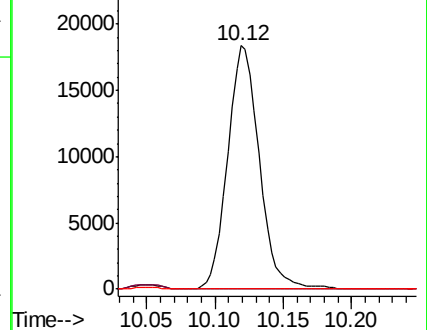
89 0.0 36.8 55.2#

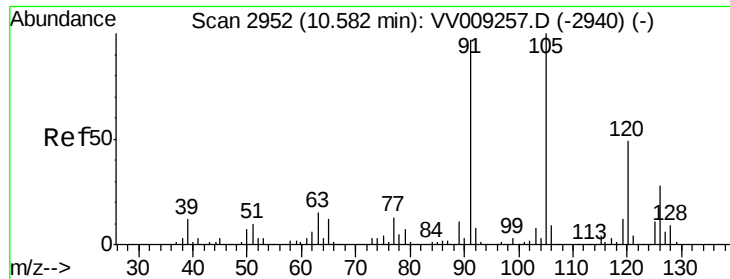


Abundance Ion 74.90 (74.60 to 75.60): VV0

Ion 53.00 (52.70 to 53.70): VV0

Ion 88.90 (88.60 to 89.60): VV0

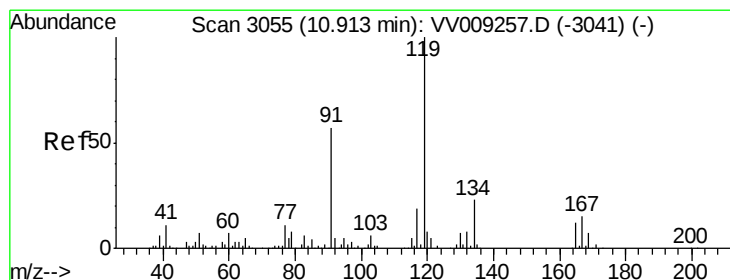
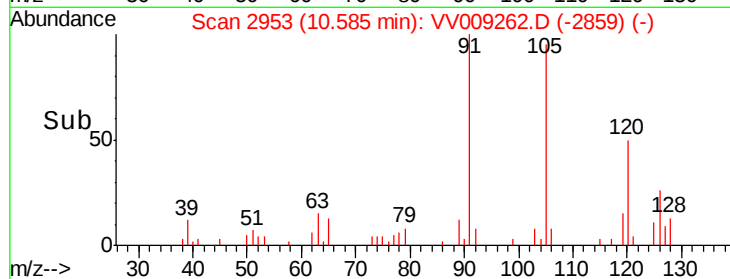
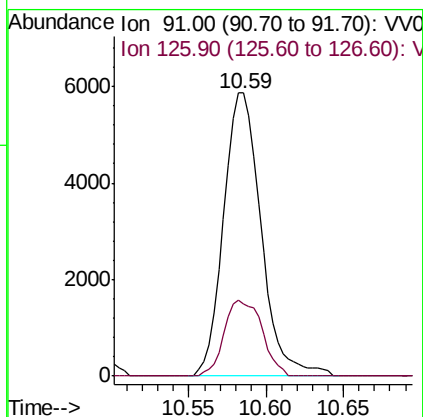
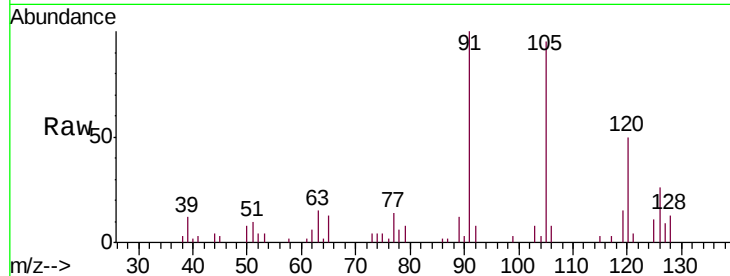




#82
4-Chlorotoluene
Concen: 2.842 ug/l
RT: 10.59 min Scan# 2953
Delta R.T. 0.00 min
Lab File: VV009262.D
Acq: 24 Jan 2019 16:34

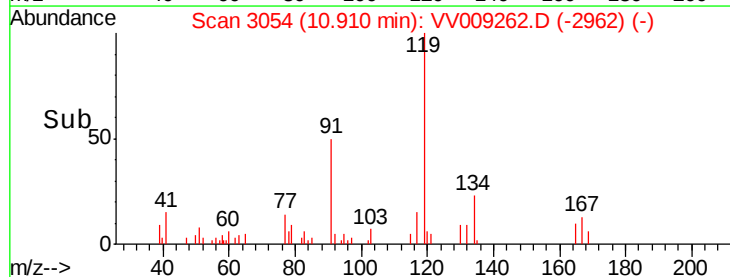
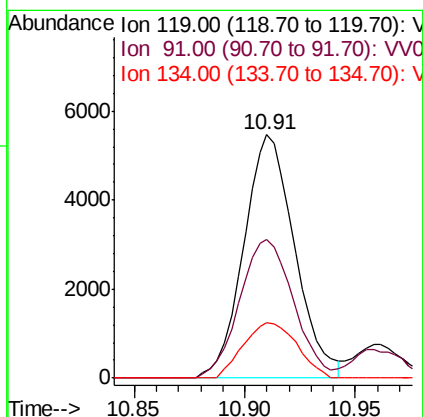
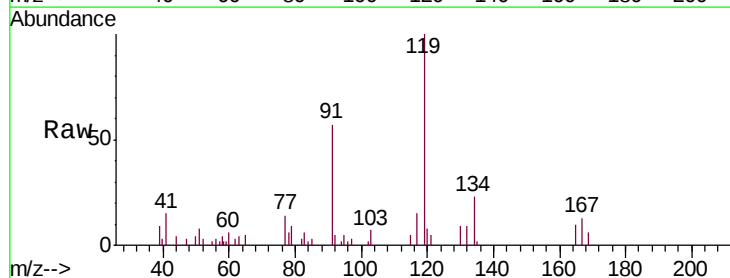
Instrument :
MSVOA_V
ClientSampled :
MDL06

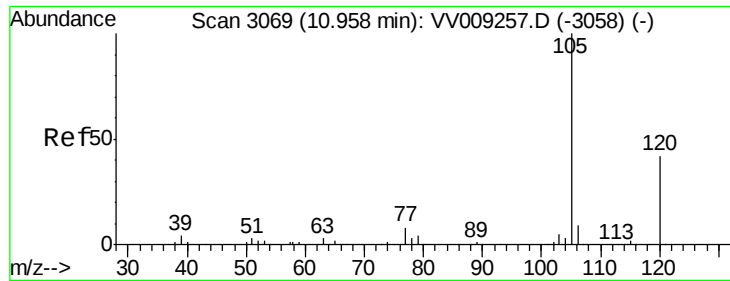
Tgt Ion: 91 Resp: 9876
Ion Ratio Lower Upper
91 100
126 27.0 14.6 44.0



#83
tert-Butylbenzene
Concen: 2.612 ug/l
RT: 10.91 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VV009262.D
Acq: 24 Jan 2019 16:34

Tgt Ion: 119 Resp: 8718
Ion Ratio Lower Upper
119 100
91 60.3 28.6 85.8
134 24.0 11.9 35.5

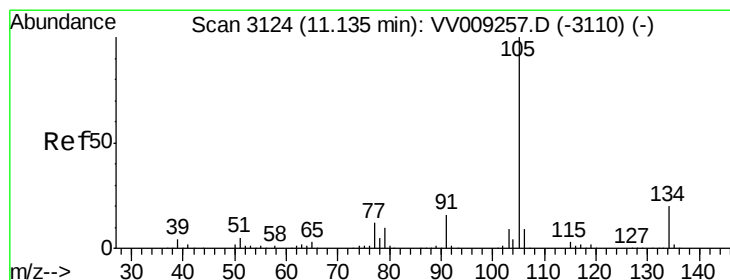
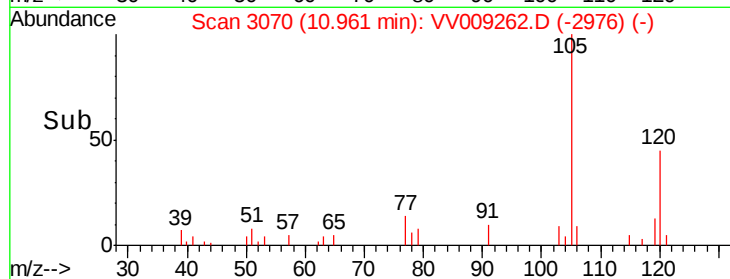
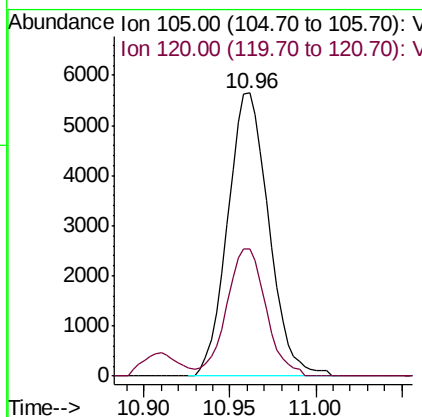
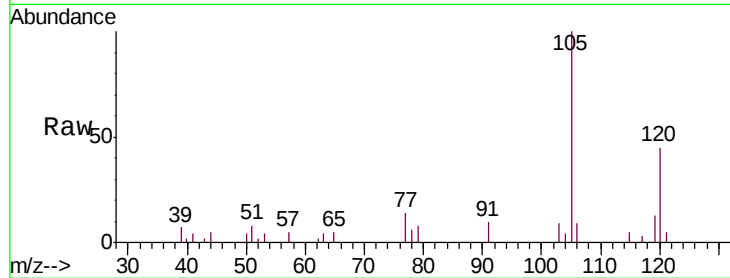




#84
 1,2,4-Trimethylbenzene
 Concen: 2.642 ug/l
 RT: 10.96 min Scan# 3070
 Delta R.T. 0.00 min
 Lab File: VV009262.D
 Acq: 24 Jan 2019 16:34

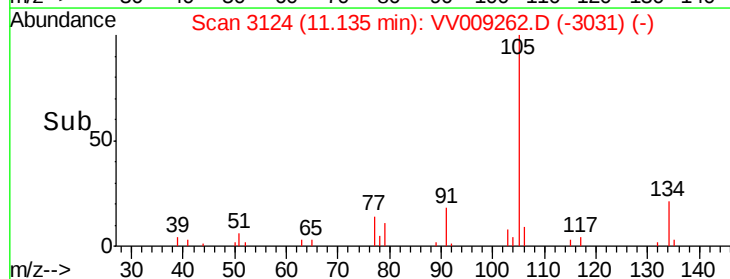
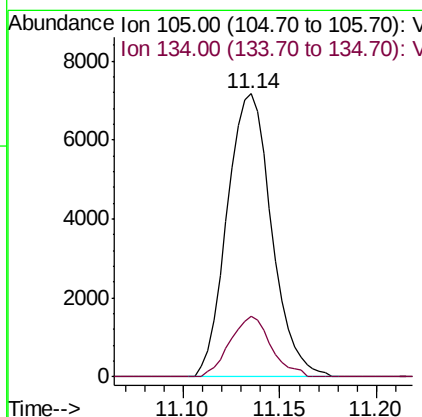
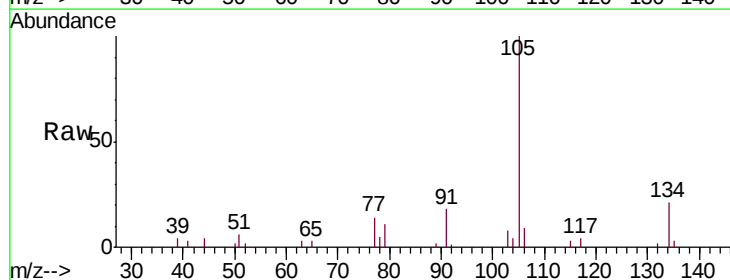
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL06

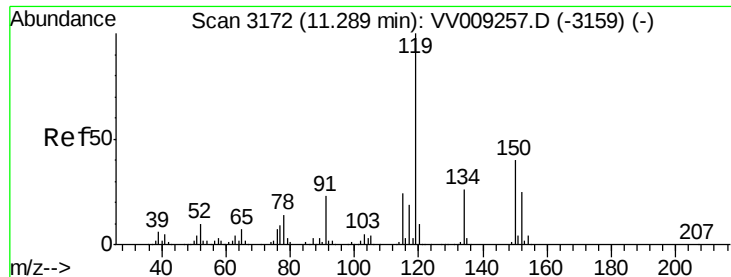
Tgt Ion:105 Resp: 9378
 Ion Ratio Lower Upper
 105 100
 120 43.0 22.7 68.1



#85
 sec-Butylbenzene
 Concen: 2.638 ug/l
 RT: 11.14 min Scan# 3124
 Delta R.T. 0.00 min
 Lab File: VV009262.D
 Acq: 24 Jan 2019 16:34

Tgt Ion:105 Resp: 11477
 Ion Ratio Lower Upper
 105 100
 134 19.6 10.2 30.6





#86

p-Isopropyltoluene

Concen: 2.799 ug/l

RT: 11.29 min Scan# 3172

Delta R.T. 0.00 min

Lab File: VV009262.D

Acq: 24 Jan 2019 16:34

Instrument :

MSVOA_V

ClientSampled :

MDL06

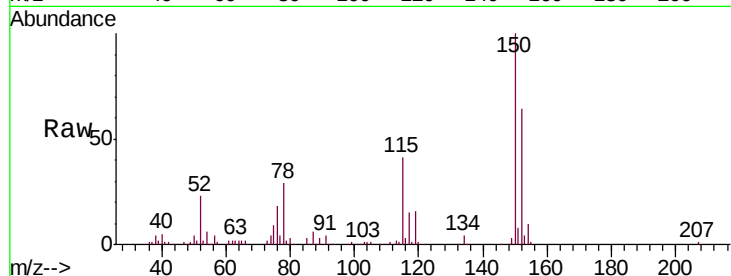
Tgt Ion:119 Resp: 10746

Ion Ratio Lower Upper

119 100

134 24.4 13.2 39.5

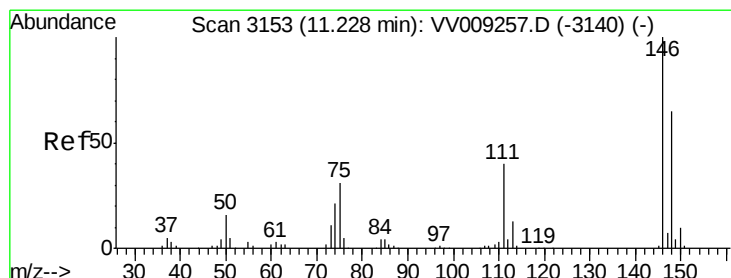
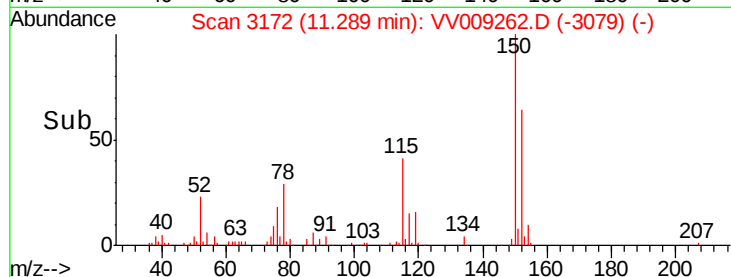
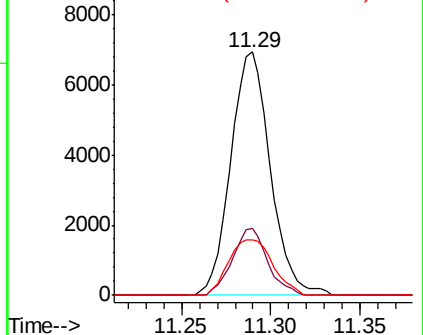
91 25.6 11.9 35.7



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: 3.016 ug/l

RT: 11.23 min Scan# 3153

Delta R.T. 0.00 min

Lab File: VV009262.D

Acq: 24 Jan 2019 16:34

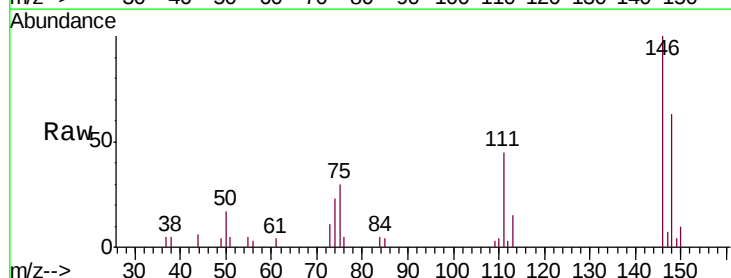
Tgt Ion:146 Resp: 5857

Ion Ratio Lower Upper

146 100

111 40.8 20.2 60.5

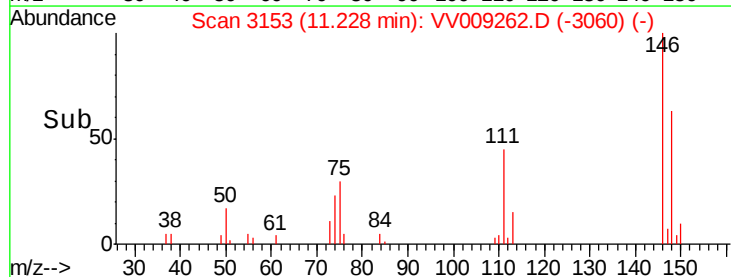
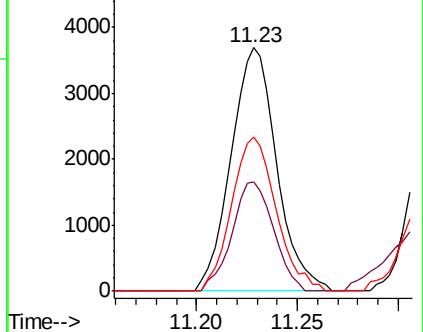
148 61.6 31.8 95.3

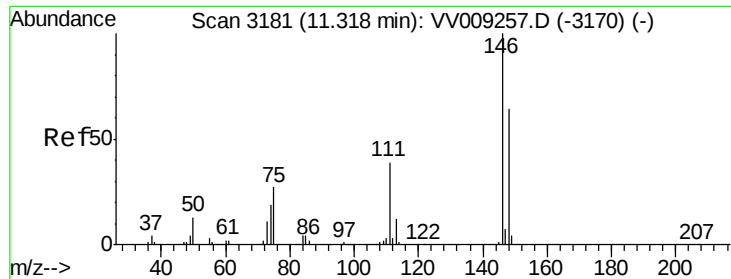


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

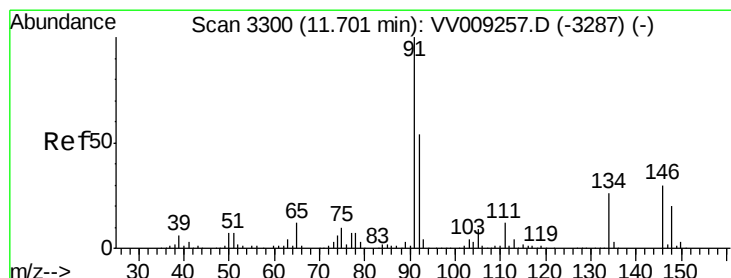
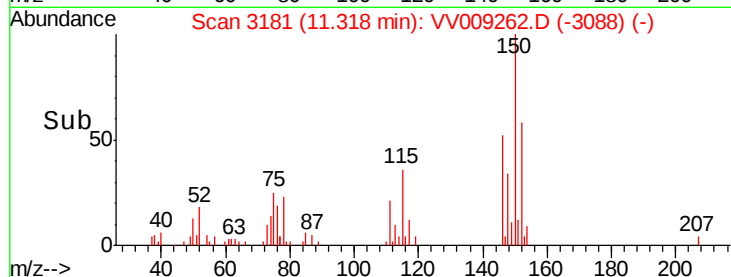
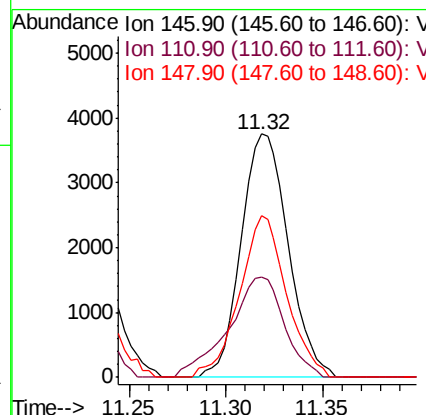
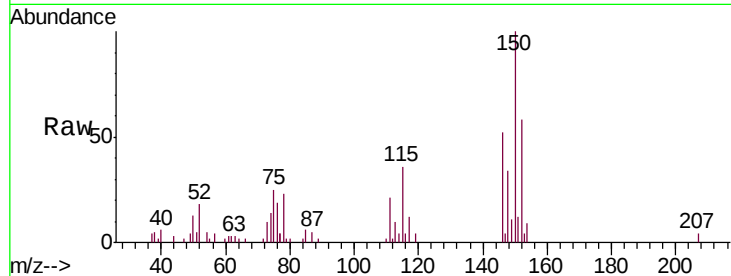




#88
 1,4-Dichlorobenzene
 Concen: 3.200 ug/l
 RT: 11.32 min Scan# 3181
 Delta R.T. 0.00 min
 Lab File: VV009262.D
 Acq: 24 Jan 2019 16:34

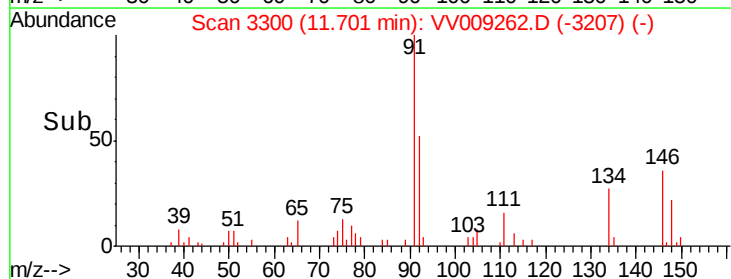
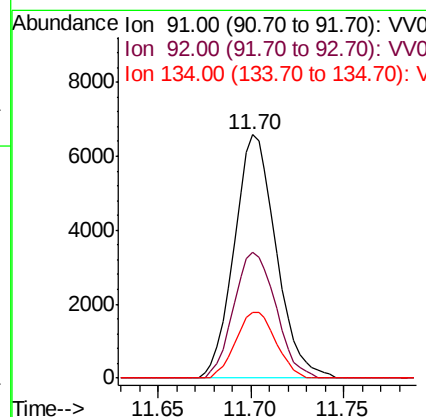
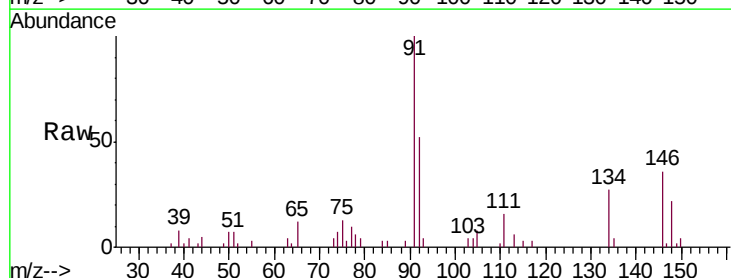
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL06

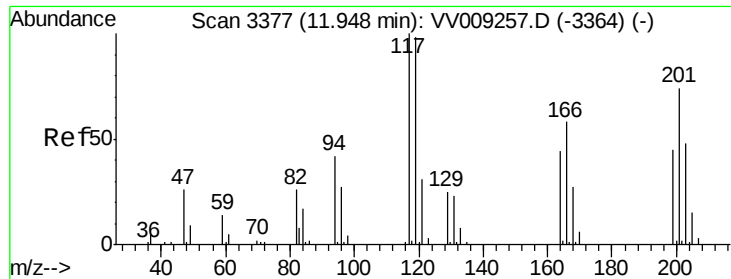
Tgt Ion: 146 Resp: 6343
 Ion Ratio Lower Upper
 146 100
 111 49.0 20.3 61.0
 148 66.0 31.6 94.8



#89
 n-Butylbenzene
 Concen: 2.774 ug/l
 RT: 11.70 min Scan# 3300
 Delta R.T. 0.00 min
 Lab File: VV009262.D
 Acq: 24 Jan 2019 16:34

Tgt Ion: 91 Resp: 10311
 Ion Ratio Lower Upper
 91 100
 92 51.9 27.1 81.2
 134 25.7 13.1 39.3





#90

Hexachloroethane

Concen: 2.377 ug/l

RT: 11.95 min Scan# 3377

Delta R.T. 0.00 min

Lab File: VV009262.D

Acq: 24 Jan 2019 16:34

Instrument :

MSVOA_V

ClientSampleId :

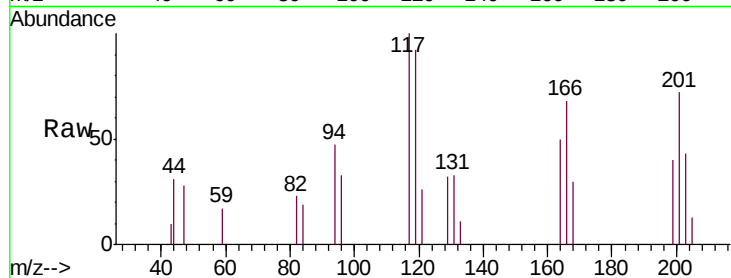
MDL06

Tgt Ion:117 Resp: 1614

Ion Ratio Lower Upper

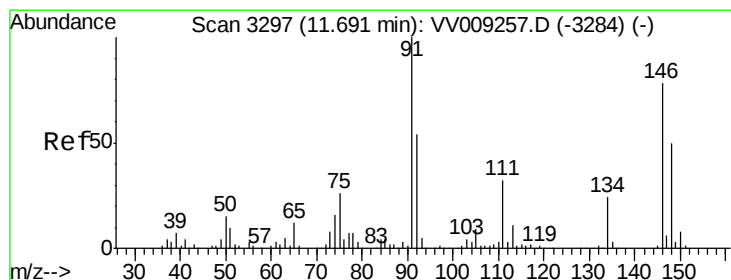
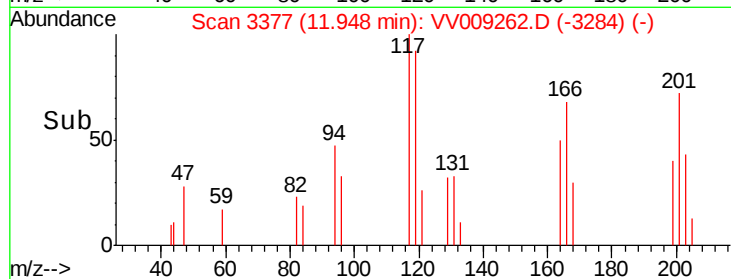
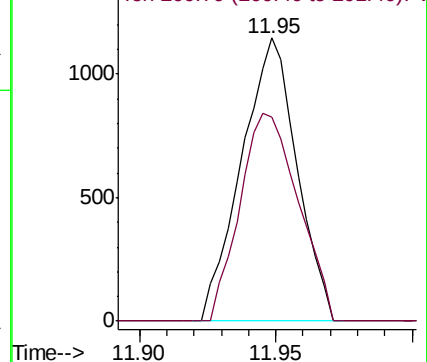
117 100

201 77.7 36.4 109.3



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#91

1,2-Dichlorobenzene

Concen: 2.991 ug/l

RT: 11.69 min Scan# 3298

Delta R.T. 0.00 min

Lab File: VV009262.D

Acq: 24 Jan 2019 16:34

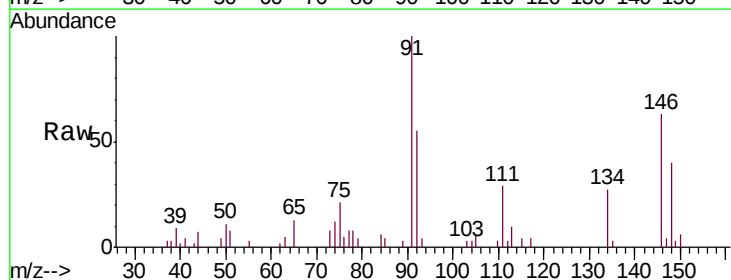
Tgt Ion:146 Resp: 5212

Ion Ratio Lower Upper

146 100

111 42.4 20.9 62.7

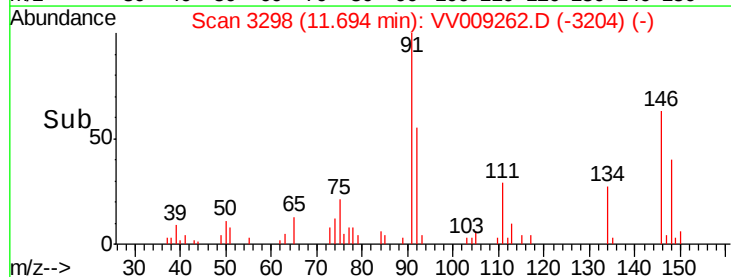
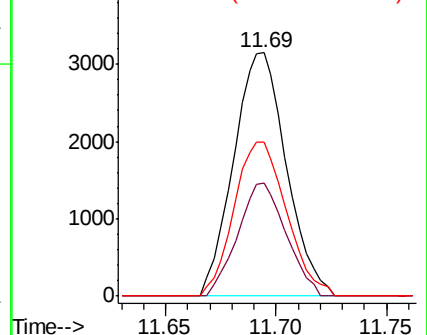
148 63.0 32.1 96.3

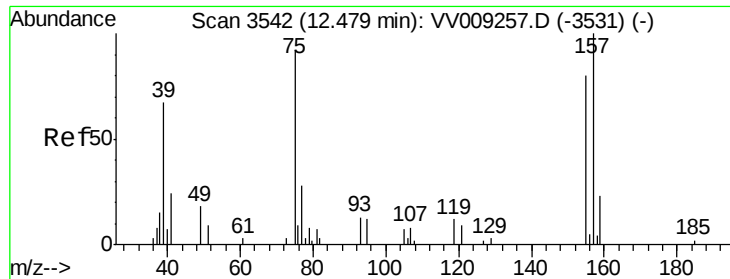


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#92

1,2-Dibromo-3-Chloropropane

Concen: 2.714 ug/l

RT: 12.48 min Scan# 3542

Delta R.T. 0.00 min

Lab File: VV009262.D

Acq: 24 Jan 2019 16:34

Instrument :

MSVOA_V

ClientSampleId :

MDL06

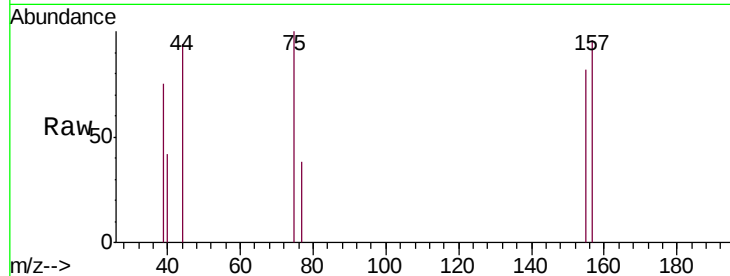
Tgt Ion: 75 Resp: 383

Ion Ratio Lower Upper

75 100

155 58.2 41.1 123.4

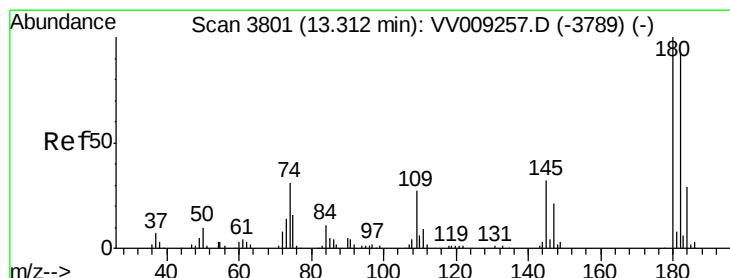
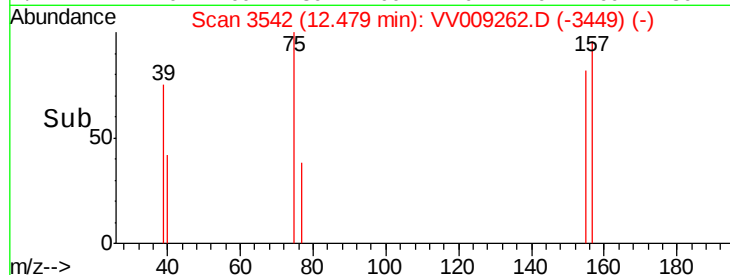
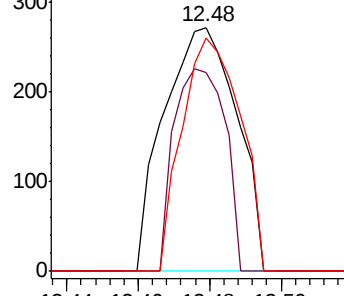
157 76.8 53.2 159.6



Abundance Ion 74.90 (74.60 to 75.60): VV009262.D (-3449) (-)

Ion 154.80 (154.50 to 155.50): VV009262.D (-3449) (-)

Ion 156.80 (156.50 to 157.50): VV009262.D (-3449) (-)



#93

1,2,4-Trichlorobenzene

Concen: 3.230 ug/l

RT: 13.31 min Scan# 3801

Delta R.T. 0.00 min

Lab File: VV009262.D

Acq: 24 Jan 2019 16:34

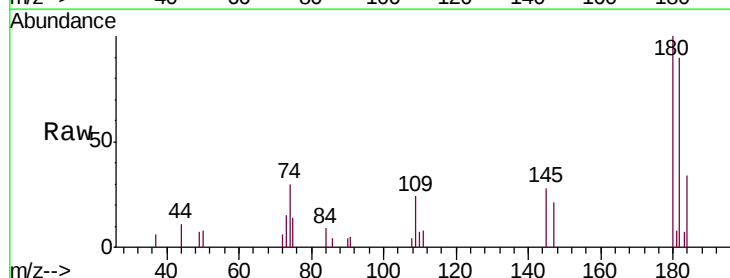
Tgt Ion: 180 Resp: 3944

Ion Ratio Lower Upper

180 100

182 92.6 47.1 141.4

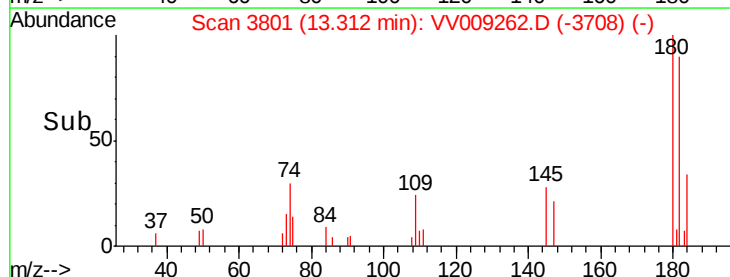
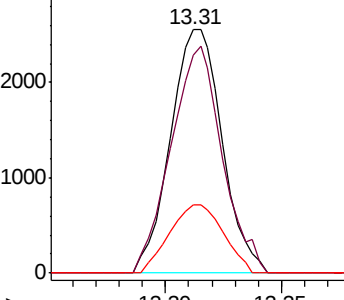
145 29.1 15.8 47.4

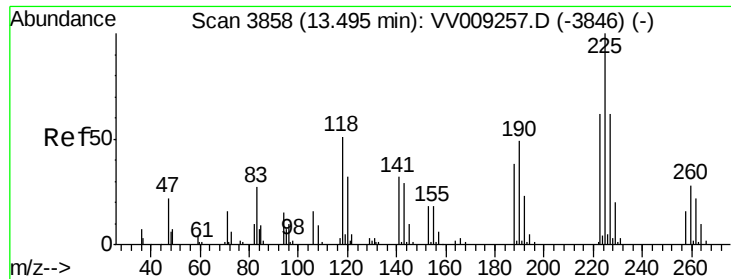


Abundance Ion 179.80 (179.50 to 180.50): VV009262.D (-3708) (-)

Ion 181.80 (181.50 to 182.50): VV009262.D (-3708) (-)

Ion 144.80 (144.50 to 145.50): VV009262.D (-3708) (-)





#94

Hexachlorobutadiene

Concen: 3.206 ug/l

RT: 13.50 min Scan# 3859

Delta R.T. 0.00 min

Lab File: VV009262.D

Acq: 24 Jan 2019 16:34

Instrument :

MSVOA_V

ClientSampleId :

MDL06

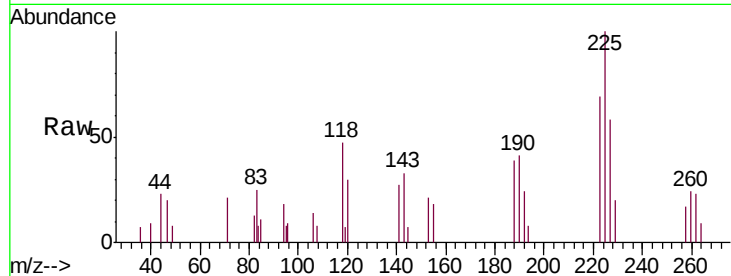
Tgt Ion:225 Resp: 2238

Ion Ratio Lower Upper

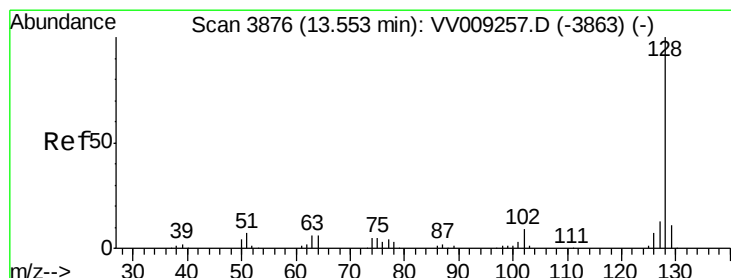
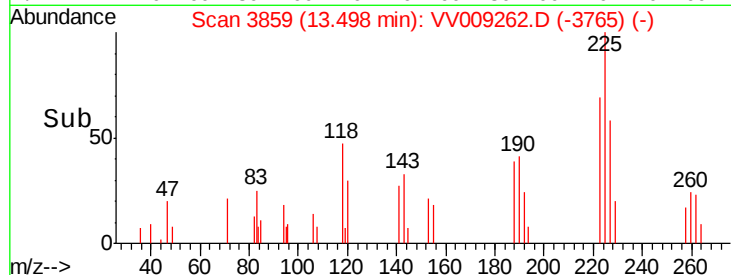
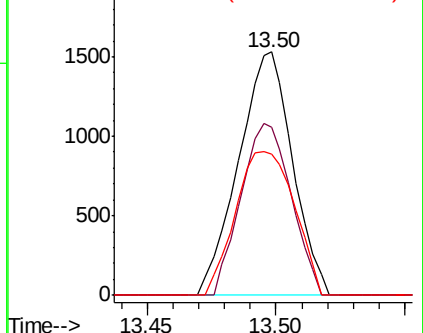
225 100

223 65.6 31.3 93.9

227 64.5 31.6 94.7



Abundance Ion 224.70 (224.40 to 225.40): V
Ion 222.70 (222.40 to 223.40): V
Ion 226.70 (226.40 to 227.40): V



#95

Naphthalene

Concen: 2.663 ug/l

RT: 13.56 min Scan# 3877

Delta R.T. 0.00 min

Lab File: VV009262.D

Acq: 24 Jan 2019 16:34

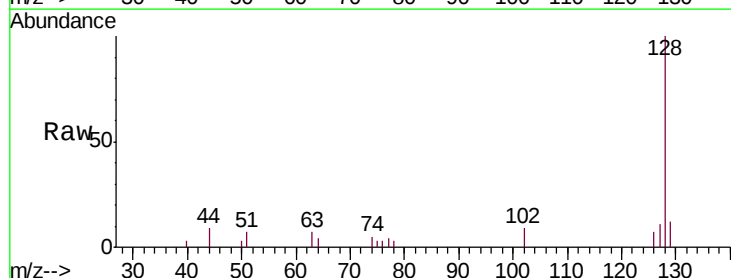
Tgt Ion:128 Resp: 6514

Ion Ratio Lower Upper

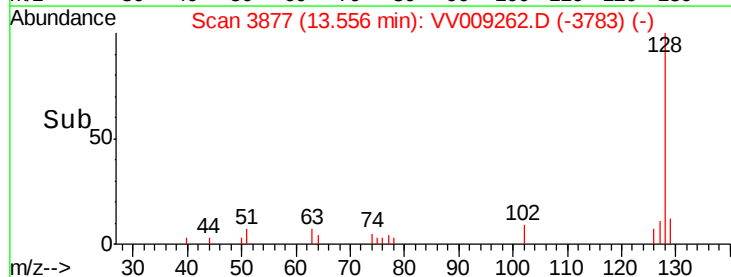
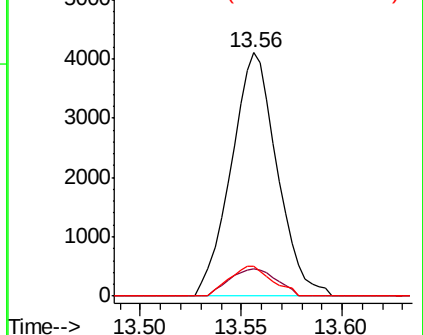
128 100

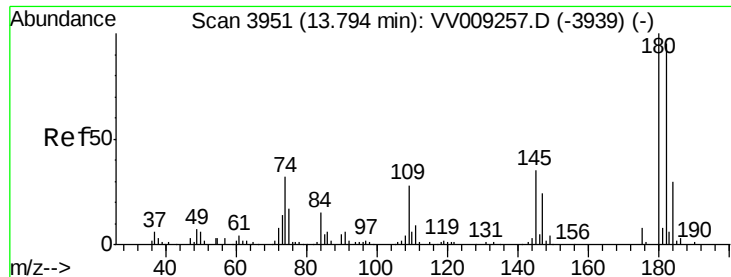
127 11.5 10.4 15.6

129 11.4 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V





#96
 1,2,3-Trichlorobenzene
 Concen: 3.309 ug/l
 RT: 13.80 min Scan# 3952
 Delta R.T. 0.00 min
 Lab File: VV009262.D
 Acq: 24 Jan 2019 16:34

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL06

Tgt Ion:180 Resp: 3564
 Ion Ratio Lower Upper
 180 100
 182 96.2 47.5 142.6
 145 34.4 17.2 51.6

