

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV070218\
 Data File : VV006524.D
 Acq On : 02 Jul 2018 11:53
 Operator : SY/MD
 Sample : J3792-01
 Misc : 25 mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DB0G1

Quant Time: Jul 02 23:32:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR062518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jun 30 02:15:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	326258	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	299880	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	144204	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	119187	5.56	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	111.20%
7) Chloroethane-d5	1.59	69	94292	5.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.20%
11) 1,1-Dichloroethene-d2	2.13	63	211858	5.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	111.60%
20) 2-Butanone-d5	3.97	46	212773	52.93	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.86%
24) Chloroform-d	4.41	84	187270	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.40%
26) 1,2-Dichloroethane-d4	5.09	65	86585	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.20%
32) Benzene-d6	5.10	84	406607	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.20%
36) 1,2-Dichloropropane-d6	6.12	67	120565	5.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.60%
41) Toluene-d8	7.36	98	371132	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.20%
43) trans-1,3-Dichloropropene-	7.67	79	40547	4.73	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.60%
46) 2-Hexanone-d5	8.14	63	168672	49.68	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.36%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	69034	4.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	134566	5.02	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.40%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	44613	1.866 ug/L #	86
3) Chloromethane	1.26	50	169075	6.898 ug/L	100
5) Vinyl chloride	1.32	62	131414	4.935 ug/L	99
6) Bromomethane	1.54	94	76663	4.971 ug/L	100
8) Chloroethane	1.60	64	74085	4.386 ug/L	99
9) Trichlorofluoromethane	1.77	101	294209	9.192 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	89378	4.445 ug/L	99
12) 1,1-Dichloroethene	2.14	96	116964	5.928 ug/L	95
16) Methylene chloride	2.54	84	76788	3.323 ug/L	97
17) Methyl tert-butyl Ether	2.81	73	248386	5.194 ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	143022	6.621 ug/L	99
21) 2-Butanone	4.05	43	1070	0.240 ug/L #	62
22) cis-1,2-Dichloroethene	3.97	96	147720	6.219 ug/L	98
23) Bromochloromethane	4.30	128	20098	2.082 ug/L	97
25) Chloroform	4.43	83	179918	4.640 ug/L	100
27) 1,2-Dichloroethane	5.19	62	107448	4.932 ug/L	99
29) 1,1,1-Trichloroethane	4.66	97	163293	4.993 ug/L	100

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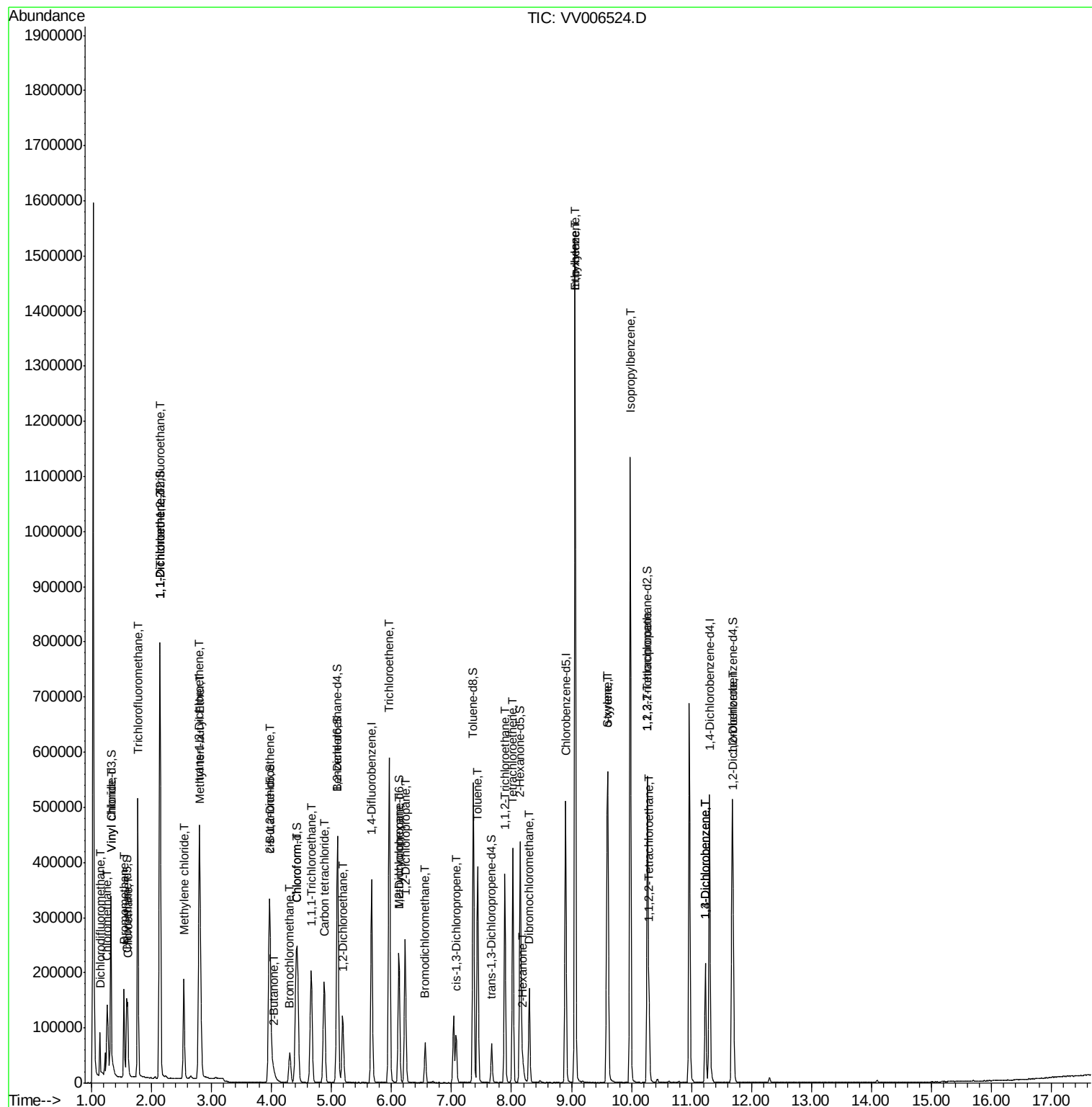
31) Carbon tetrachloride	4.88	117	140109	5.108	ug/L	98
34) Trichloroethene	5.96	95	202556	7.995	ug/L	99
35) Methylcyclohexane	6.12	83	29042	0.788	ug/L #	26
37) 1,2-Dichloropropane	6.23	63	107666	4.975	ug/L	100
38) Bromodichloromethane	6.56	83	48836	1.960	ug/L	99
39) cis-1,3-Dichloropropene	7.08	75	54927	1.824	ug/L	99
42) Toluene	7.44	91	288141	3.072	ug/L	99
45) 1,1,2-Trichloroethane	7.89	97	123199	8.242	ug/L	98
47) Tetrachloroethene	8.02	164	99996	5.224	ug/L	100
48) 2-Hexanone	8.19	43	16684	2.202	ug/L #	84
49) Dibromochloromethane	8.30	129	88339	5.544	ug/L	99
52) Ethylbenzene	9.06	91	1055906	10.399	ug/L	100
53) m,p-xylene	9.06	106	335088	8.557	ug/L #	23
54) o-xylene	9.59	106	117949	3.070	ug/L	99
55) Styrene	9.61	104	195886	3.117	ug/L	99
56) Isopropylbenzene	9.98	105	738424	7.377	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.30	83	60225	4.272	ug/L	98
59) 1,2,3-Trichloropropane	10.27	75	13511	1.148	ug/L #	1
62) 1,3-Dichlorobenzene	11.23	146	96458	2.031	ug/L	98
63) 1,4-Dichlorobenzene	11.23	146	96458	2.030	ug/L	97
65) 1,2-Dichlorobenzene	11.70	146	89853	2.021	ug/L	99

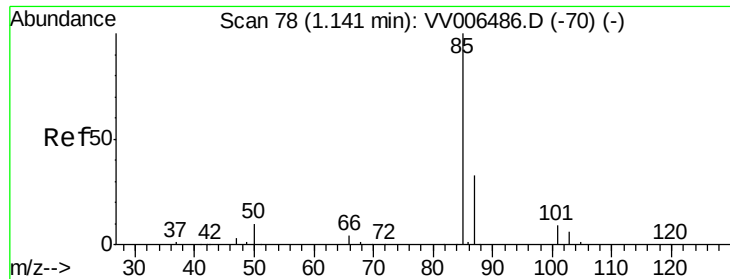
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 1.866 ug/L

RT: 1.14 min Scan# 78

Delta R.T. 0.00 min

Lab File: VV006524.D

Acq: 02 Jul 2018 11:53

Instrument :

MSVOA_V

ClientSampleId :

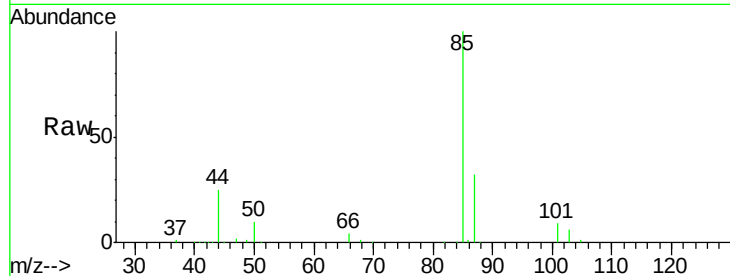
DB0G1

Tgt Ion: 85 Resp: 44613

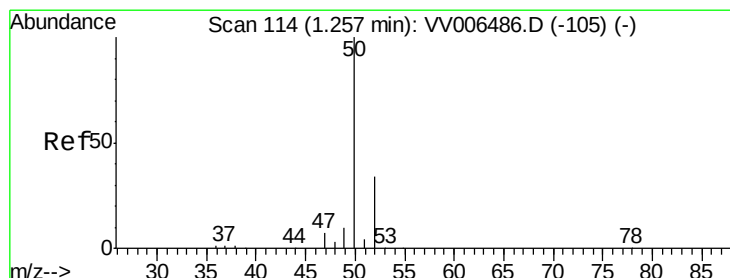
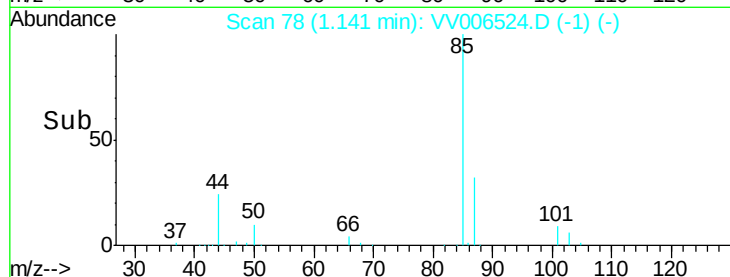
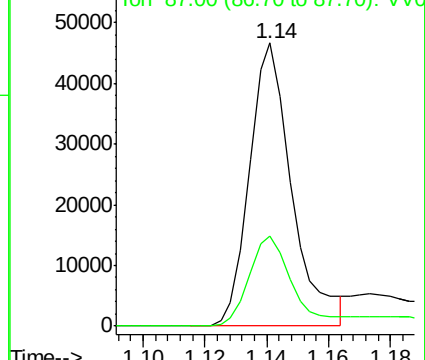
Ion Ratio Lower Upper

85 100

87 40.4 25.9 38.9#



Abundance Ion 85.00 (84.70 to 85.70): VV006486.D (-70) (-)



#3

Chloromethane

Concen: 6.898 ug/L

RT: 1.26 min Scan# 114

Delta R.T. 0.00 min

Lab File: VV006524.D

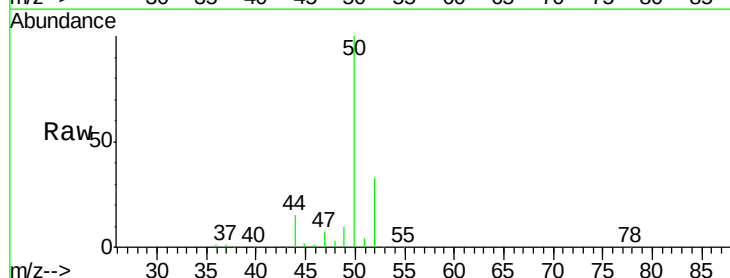
Acq: 02 Jul 2018 11:53

Tgt Ion: 50 Resp: 169075

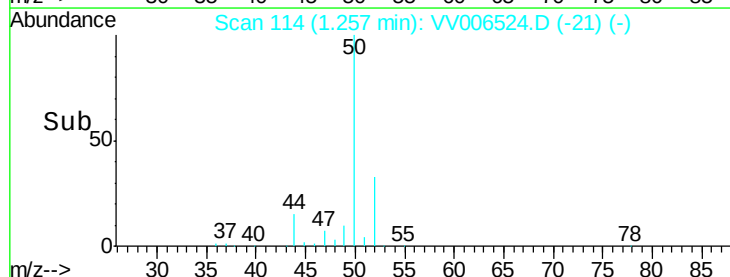
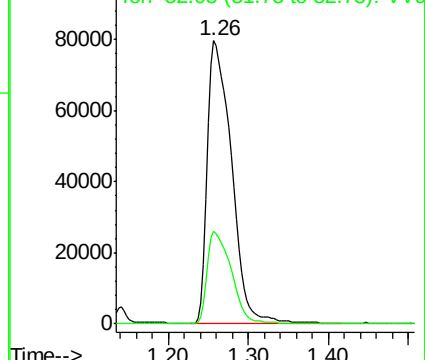
Ion Ratio Lower Upper

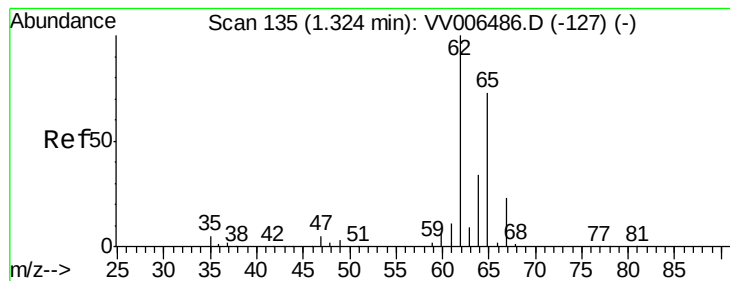
50 100

52 32.6 22.9 42.5



Abundance Ion 50.05 (49.75 to 50.75): VV006486.D (-105) (-)





#5

Vinyl chloride

Concen: 4.935 ug/L

RT: 1.32 min Scan# 135

Delta R.T. 0.00 min

Lab File: VV006524.D

Acq: 02 Jul 2018 11:53

Instrument :

MSVOA_V

ClientSampleId :

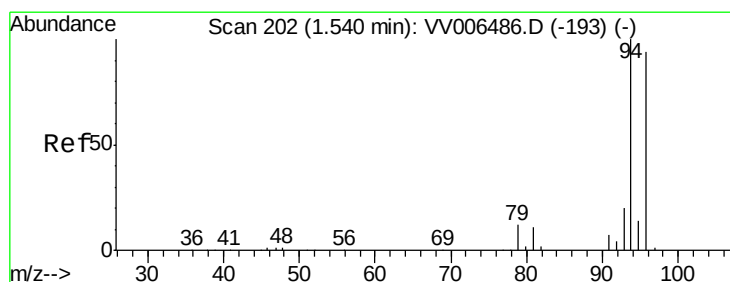
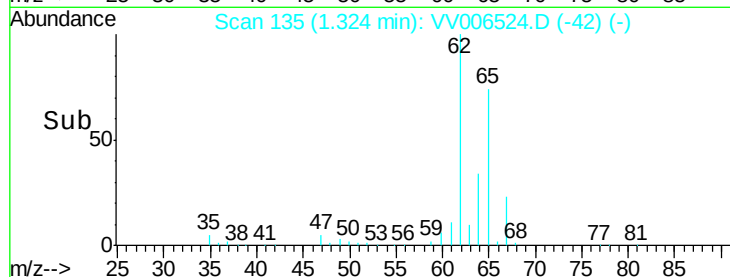
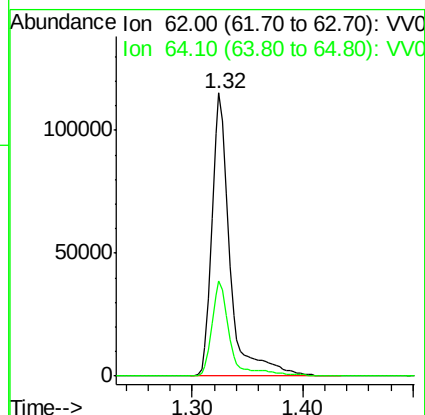
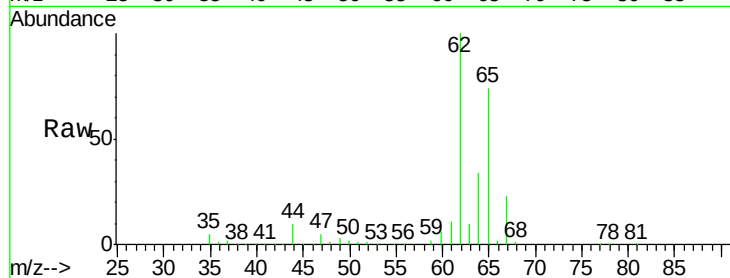
DB0G1

Tgt Ion: 62 Resp: 131414

Ion Ratio Lower Upper

62 100

64 33.7 23.1 42.9



#6

Bromomethane

Concen: 4.971 ug/L

RT: 1.54 min Scan# 202

Delta R.T. 0.00 min

Lab File: VV006524.D

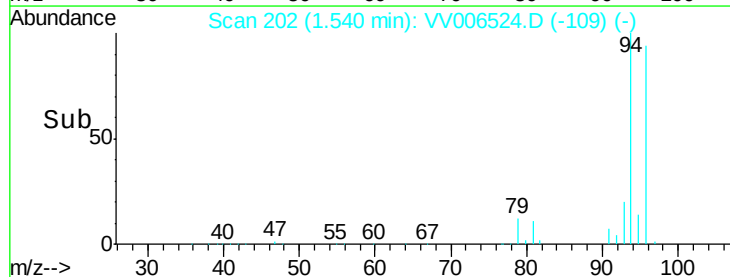
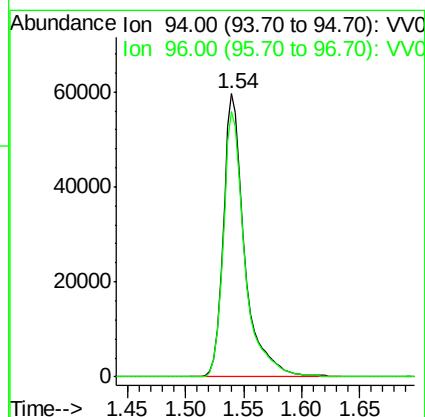
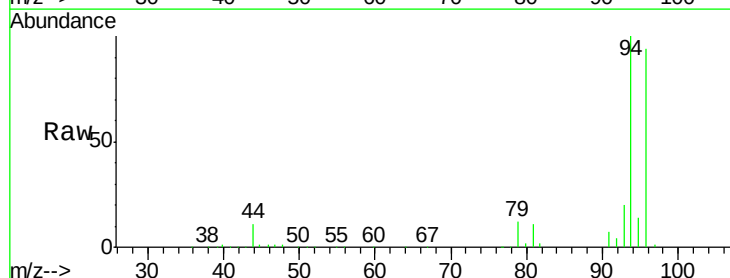
Acq: 02 Jul 2018 11:53

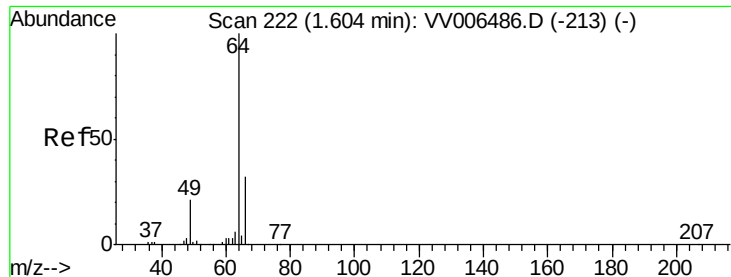
Tgt Ion: 94 Resp: 76663

Ion Ratio Lower Upper

94 100

96 93.8 65.7 122.1





#8

Chloroethane

Concen: 4.386 ug/L

RT: 1.60 min Scan# 222

Delta R.T. 0.00 min

Lab File: VV006524.D

Acq: 02 Jul 2018 11:53

Instrument :

MSVOA_V

ClientSampleId :

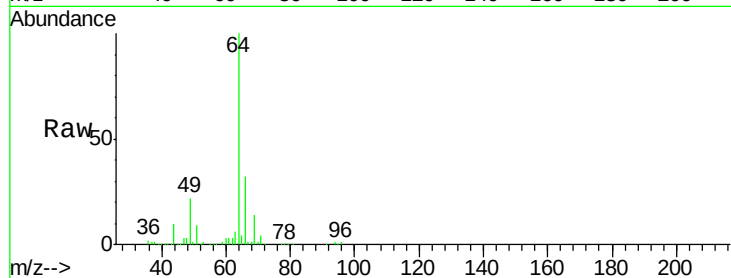
DB0G1

Tgt Ion: 64 Resp: 74085

Ion Ratio Lower Upper

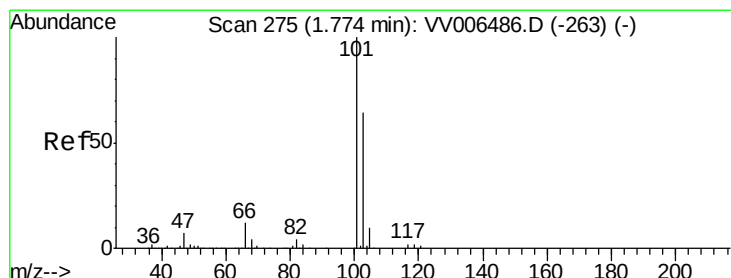
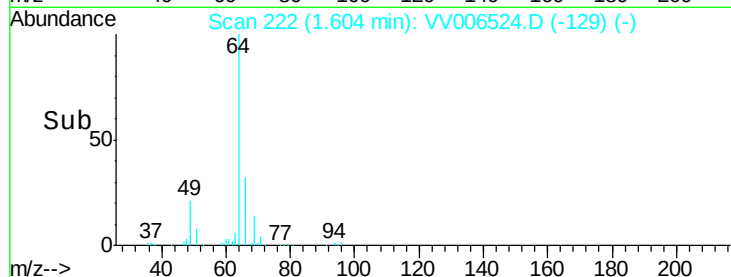
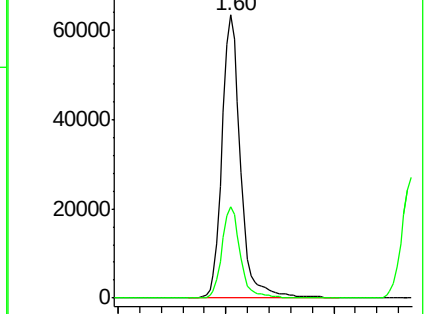
64 100

66 32.2 22.8 42.4



Abundance Ion 64.10 (63.80 to 64.80): VV006524.D (-129) (-)

Ion 66.05 (65.75 to 66.75): VV006524.D (-129) (-)



#9

Trichlorofluoromethane

Concen: 9.192 ug/L

RT: 1.77 min Scan# 274

Delta R.T. 0.00 min

Lab File: VV006524.D

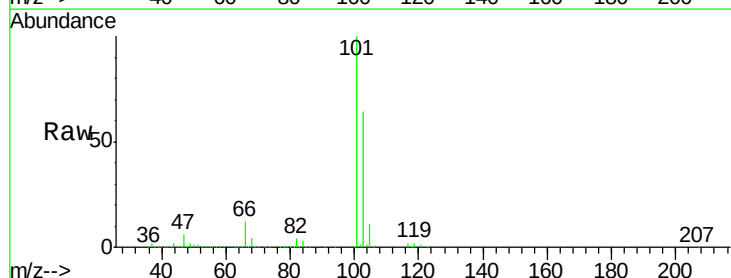
Acq: 02 Jul 2018 11:53

Tgt Ion: 101 Resp: 294209

Ion Ratio Lower Upper

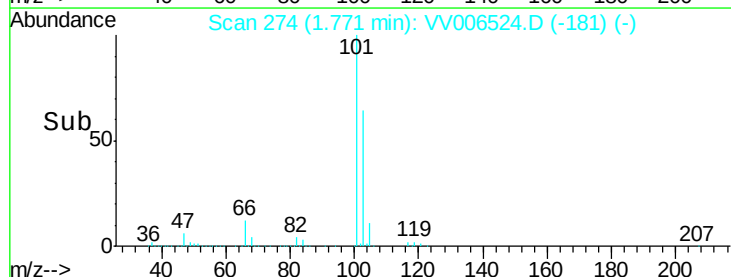
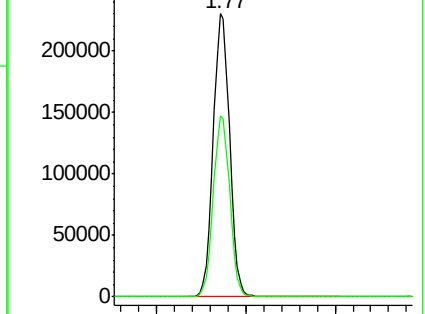
101 100

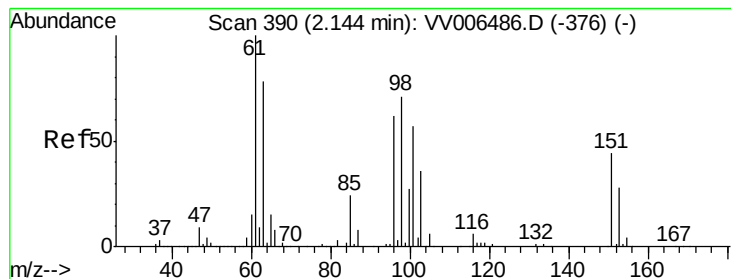
103 64.1 51.5 77.3



Abundance Ion 101.00 (100.70 to 101.70): VV006524.D (-181) (-)

Ion 103.00 (102.70 to 103.70): VV006524.D (-181) (-)





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 4.445 ug/L

RT: 2.14 min Scan# 390

Delta R.T. 0.00 min

Lab File: VV006524.D

Acq: 02 Jul 2018 11:53

Instrument :

MSVOA_V

ClientSampleId :

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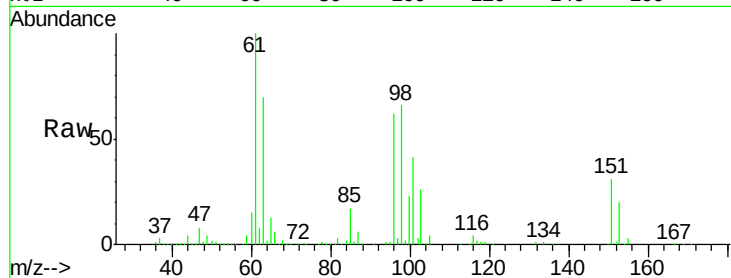
Tgt Ion: 101 Resp: 89378

Ion Ratio Lower Upper

101 100

85 41.3 33.1 49.7

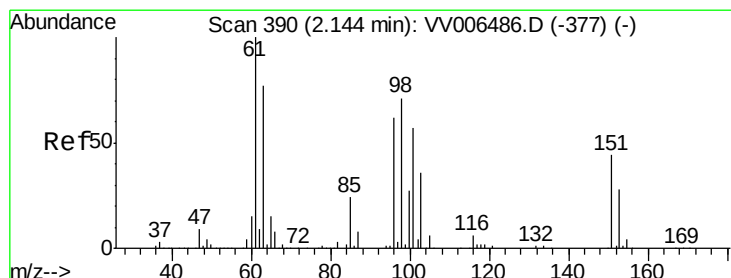
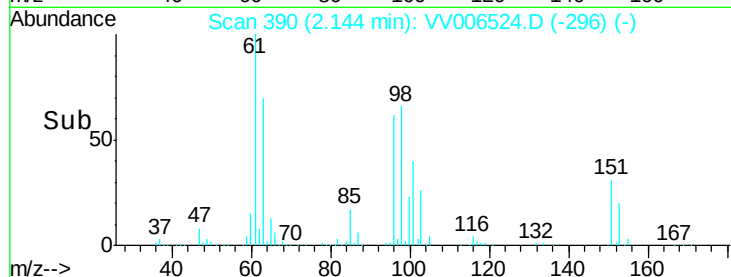
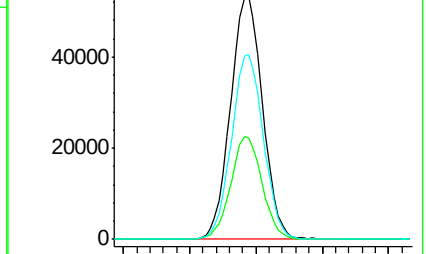
151 76.0 61.7 92.5



Abundance Ion 101.00 (100.70 to 101.70): VV006486.D (-376) (-)

Ion 85.00 (84.70 to 85.70): VV006486.D (-376) (-)

Ion 151.00 (150.70 to 151.70): VV006486.D (-376) (-)



#12

1,1-Dichloroethene

Concen: 5.928 ug/L

RT: 2.14 min Scan# 390

Delta R.T. 0.00 min

Lab File: VV006524.D

Acq: 02 Jul 2018 11:53

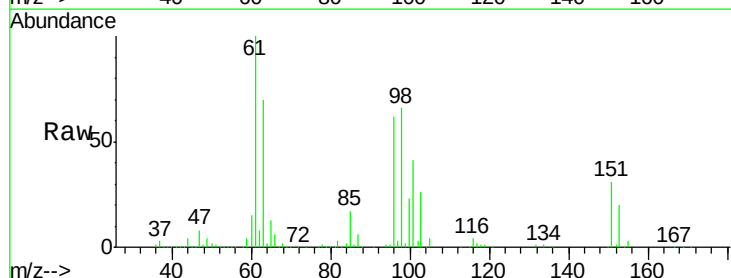
Tgt Ion: 96 Resp: 116964

Ion Ratio Lower Upper

96 100

61 161.8 111.4 207.0

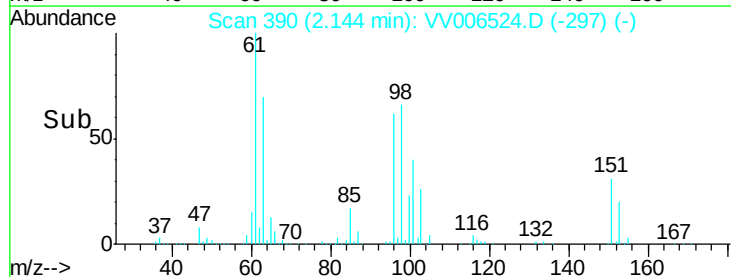
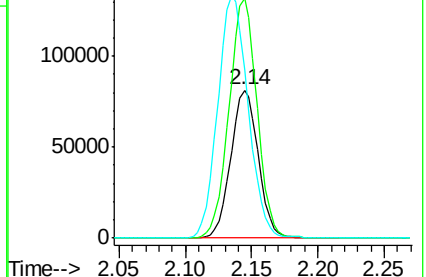
63 113.8 87.4 162.2

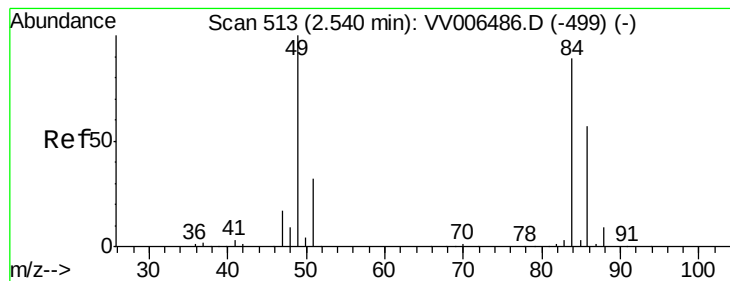


Abundance Ion 96.00 (95.70 to 96.70): VV006486.D (-377) (-)

Ion 61.05 (60.75 to 61.75): VV006486.D (-377) (-)

Ion 63.00 (62.70 to 63.70): VV006486.D (-377) (-)





#16

Methylene chloride

Concen: 3.323 ug/L

RT: 2.54 min Scan# 513

Delta R.T. 0.00 min

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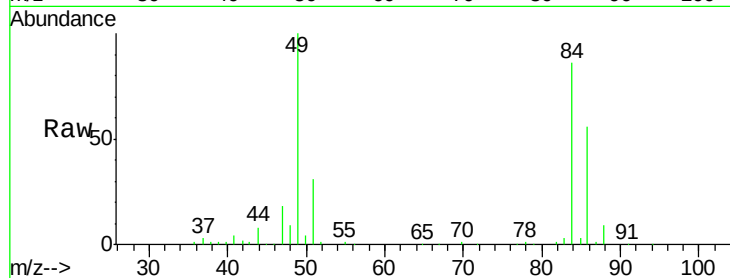
Tgt Ion: 84 Resp: 76788

Ion Ratio Lower Upper

84 100

86 65.2 44.2 82.2

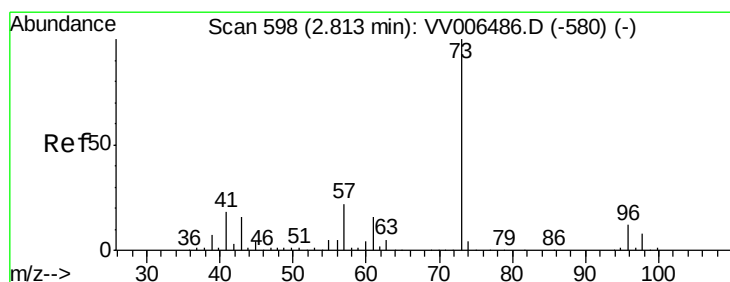
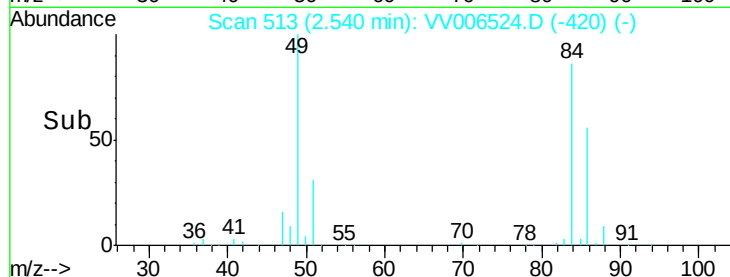
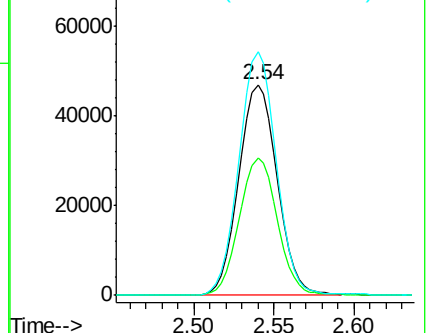
49 115.7 79.0 146.8



Abundance Ion 84.05 (83.75 to 84.75): VV006524.D (-505) (-)

Ion 86.00 (85.70 to 86.70): VV006524.D (-505) (-)

Ion 49.10 (48.80 to 49.80): VV006524.D (-505) (-)



#17

Methyl tert-butyl Ether

Concen: 5.194 ug/L

RT: 2.81 min Scan# 598

Delta R.T. 0.00 min

Lab File: VV006524.D

Acq: 02 Jul 2018 11:53

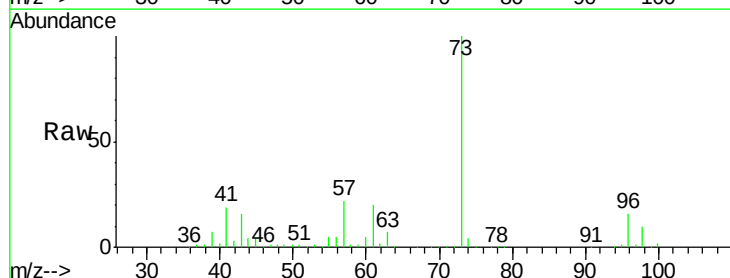
Tgt Ion: 73 Resp: 248386

Ion Ratio Lower Upper

73 100

43 16.0 12.9 19.3

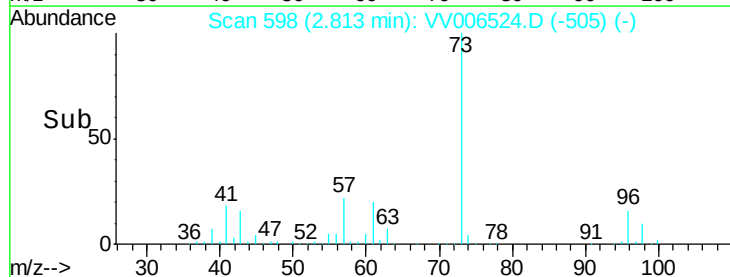
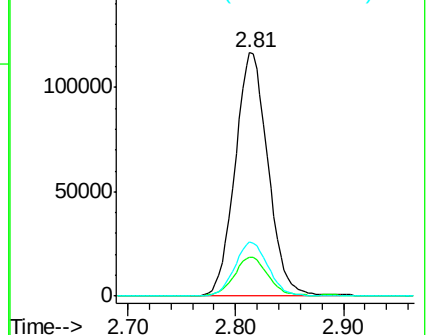
57 22.6 17.5 26.3

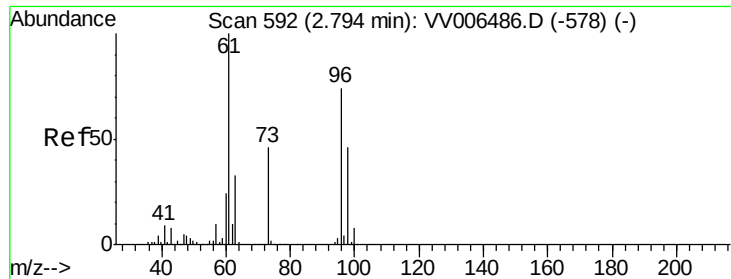


Abundance Ion 73.10 (72.80 to 73.80): VV006524.D (-505) (-)

Ion 43.05 (42.75 to 43.75): VV006524.D (-505) (-)

Ion 57.10 (56.80 to 57.80): VV006524.D (-505) (-)





#18

trans-1,2-Dichloroethene

Concen: 6.621 ug/L

RT: 2.79 min Scan# 592

Delta R.T. 0.00 min

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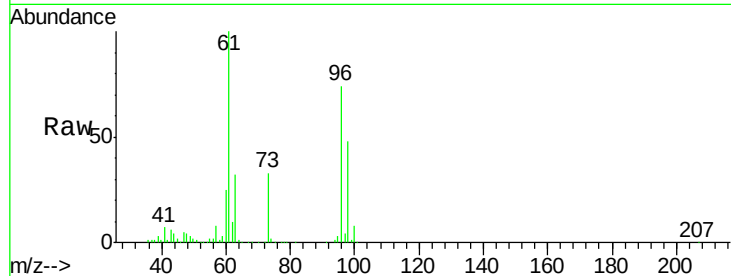
Tgt Ion: 96 Resp: 143022

Ion Ratio Lower Upper

96 100

61 134.3 94.4 175.2

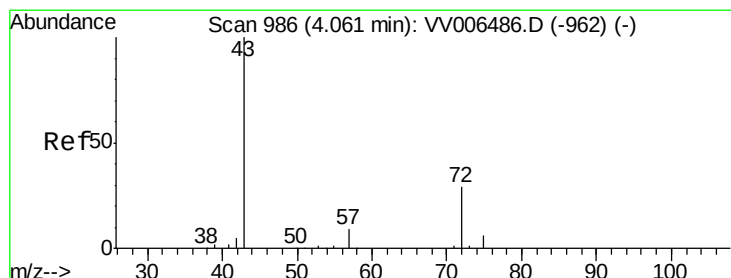
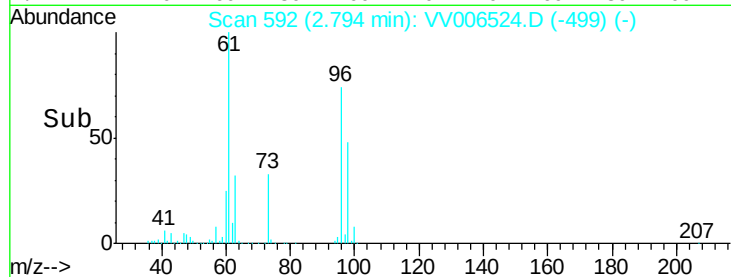
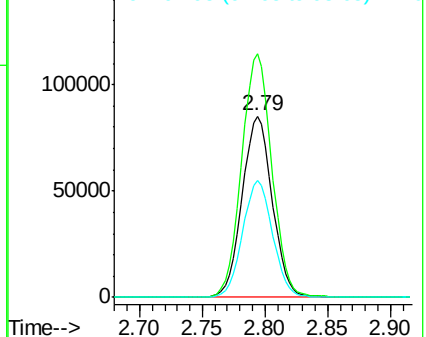
98 64.3 44.3 82.3



Abundance Ion 96.00 (95.70 to 96.70): VV006524.D (-499) (-)

Ion 61.05 (60.75 to 61.75): VV006524.D (-499) (-)

Ion 97.95 (97.65 to 98.65): VV006524.D (-499) (-)



#21

2-Butanone

Concen: 0.240 ug/L

RT: 4.05 min Scan# 983

Delta R.T. -0.01 min

Lab File: VV006524.D

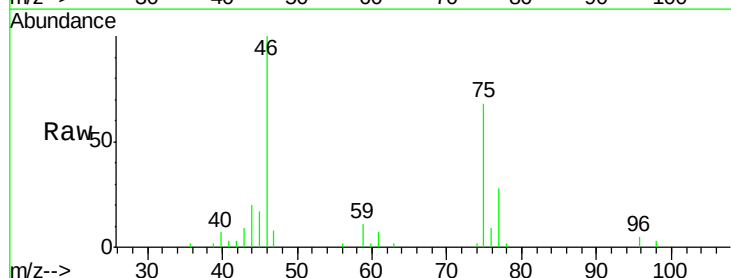
Acq: 02 Jul 2018 11:53

Tgt Ion: 43 Resp: 1070

Ion Ratio Lower Upper

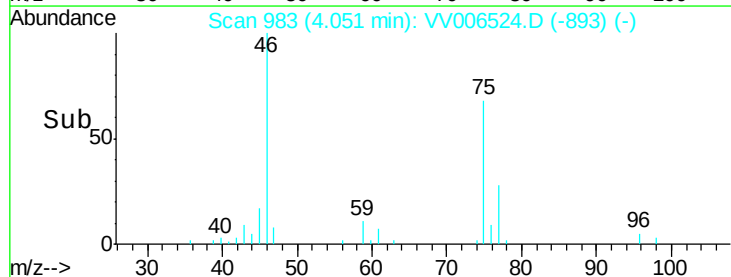
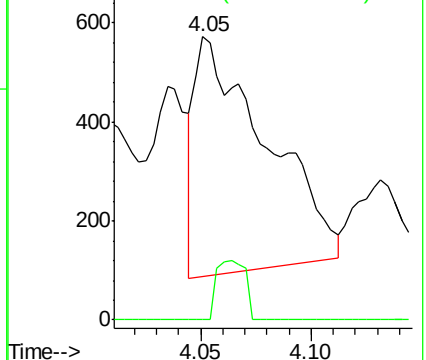
43 100

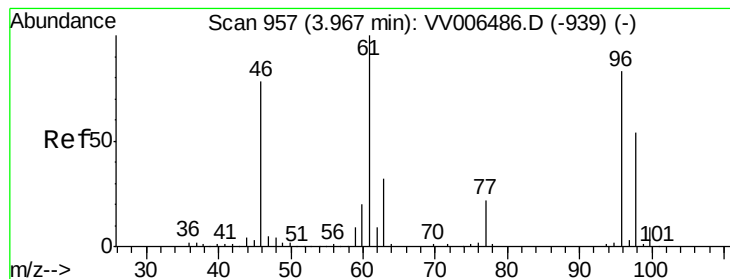
72 10.1 15.4 46.1#



Abundance Ion 43.05 (42.75 to 43.75): VV006524.D (-893) (-)

Ion 72.10 (71.80 to 72.80): VV006524.D (-893) (-)



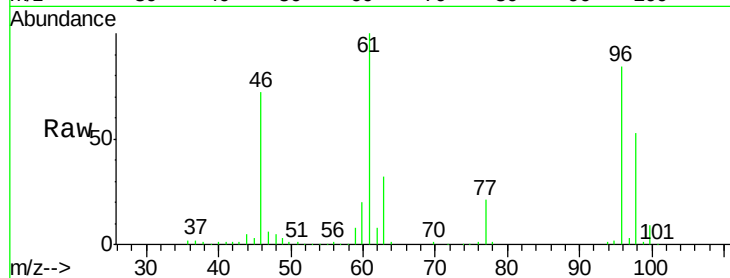


#22

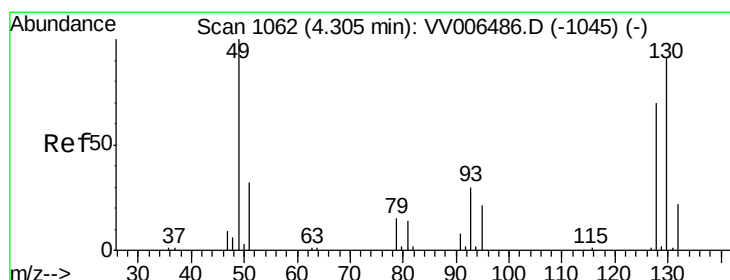
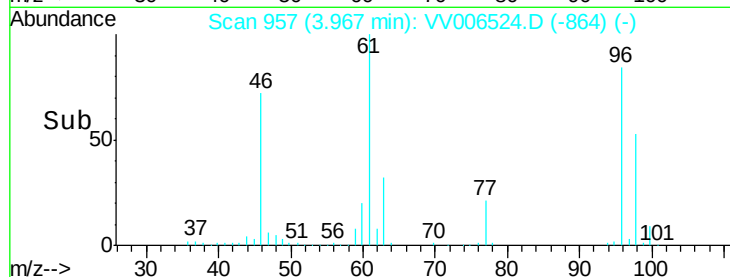
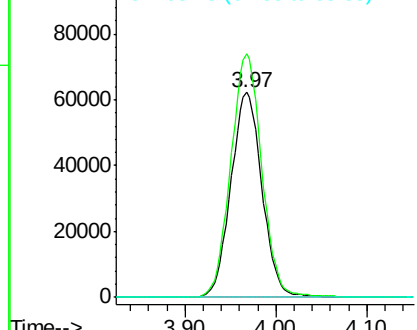
cis-1,2-Dichloroethene
Concen: 6.219 ug/L
RT: 3.97 min Scan# 957
Delta R.T. 0.00 min
Lab File: VV006524.D
Acq: 02 Jul 2018 11:53

Instrument :
MSVOA_V
ClientSampleId :
DB0G1

Tgt Ion: 96 Resp: 147720
Ion Ratio Lower Upper
96 100
61 119.0 81.8 151.8
68 0.0 0.0 0.0



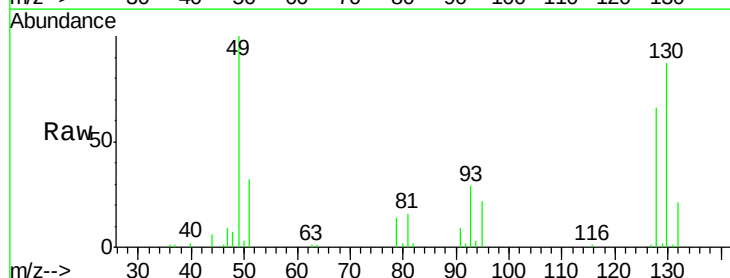
Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 68.15 (67.85 to 68.85): VV0



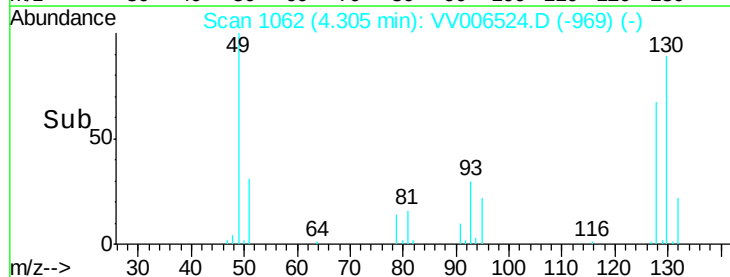
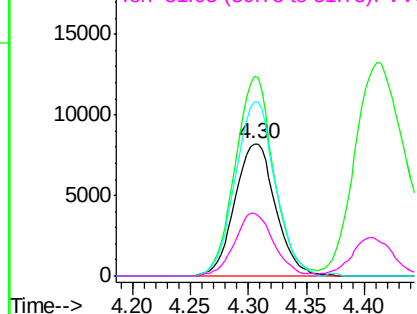
#23

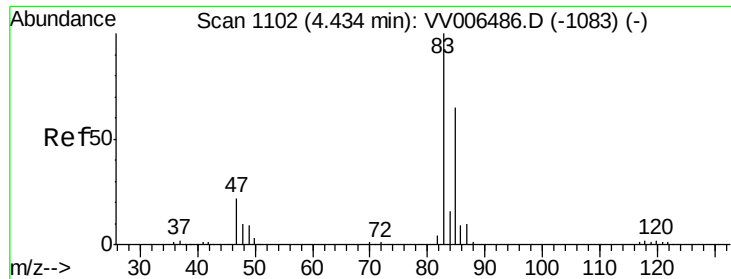
Bromochloromethane
Concen: 2.082 ug/L
RT: 4.30 min Scan# 1062
Delta R.T. 0.00 min
Lab File: VV006524.D
Acq: 02 Jul 2018 11:53

Tgt Ion: 128 Resp: 20098
Ion Ratio Lower Upper
128 100
49 151.2 101.2 188.0
130 132.2 93.0 172.6
51 47.7 37.0 55.6



Abundance Ion 127.90 (127.60 to 128.60): V
Ion 49.10 (48.80 to 49.80): VV0
Ion 129.95 (129.65 to 130.65): V
Ion 51.05 (50.75 to 51.75): VV0

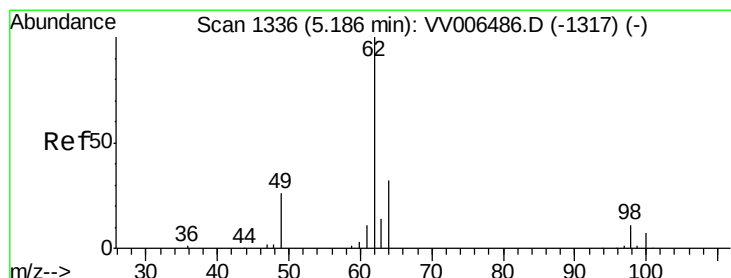
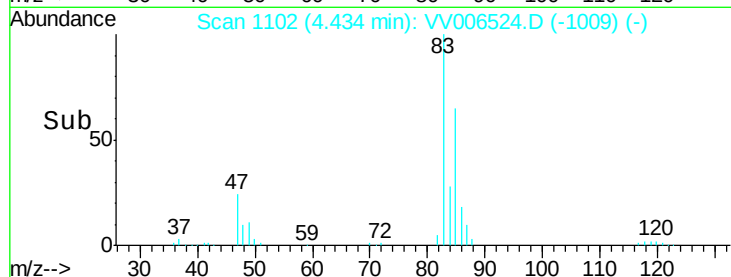
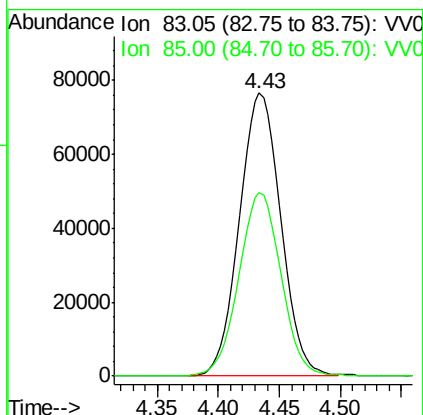
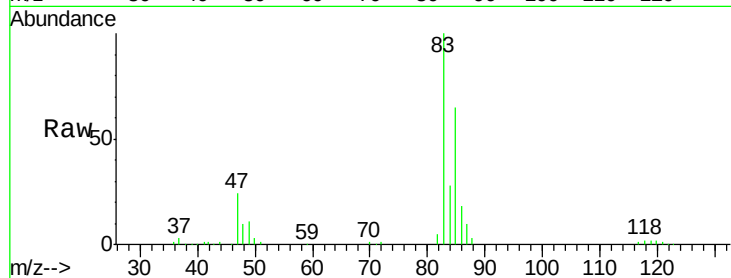




#25
Chloroform
Concen: 4.640 ug/L
RT: 4.43 min Scan# 1102
Delta R.T. 0.00 min
Lab File: VV006524.D
Acq: 02 Jul 2018 11:53

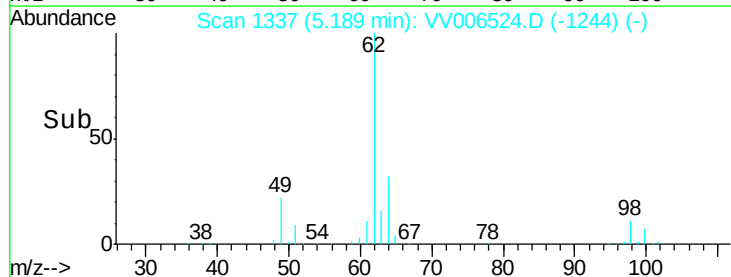
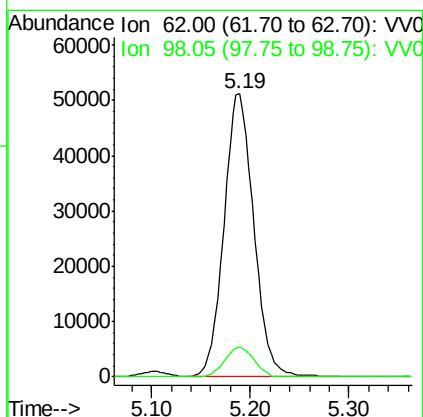
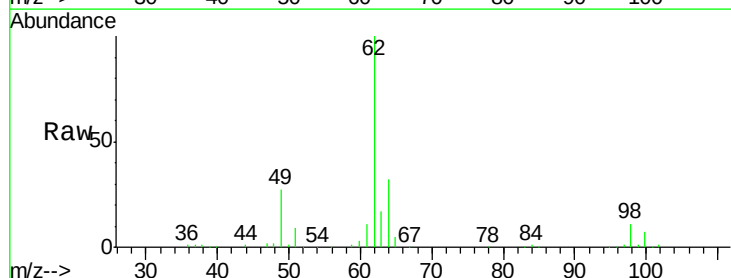
Instrument :
MSVOA_V
ClientSampleId :
DB0G1

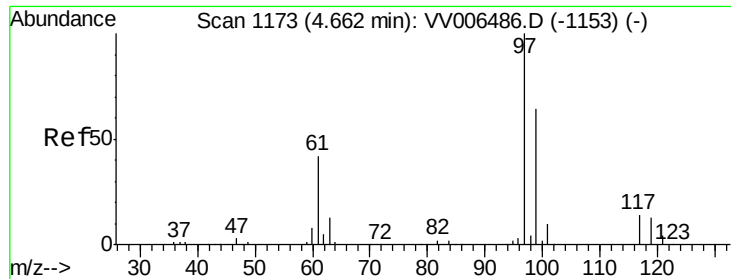
Tgt Ion: 83 Resp: 179918
Ion Ratio Lower Upper
83 100
85 65.0 45.6 84.6



#27
1,2-Dichloroethane
Concen: 4.932 ug/L
RT: 5.19 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VV006524.D
Acq: 02 Jul 2018 11:53

Tgt Ion: 62 Resp: 107448
Ion Ratio Lower Upper
62 100
98 10.6 8.8 13.2

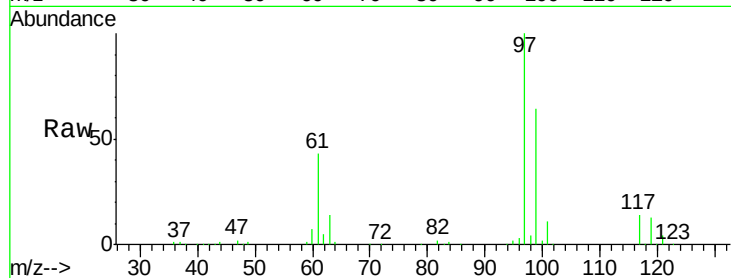




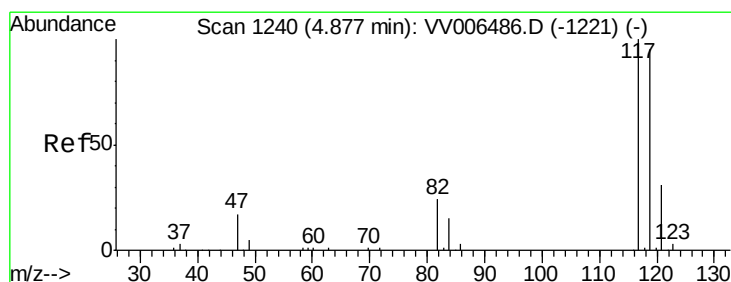
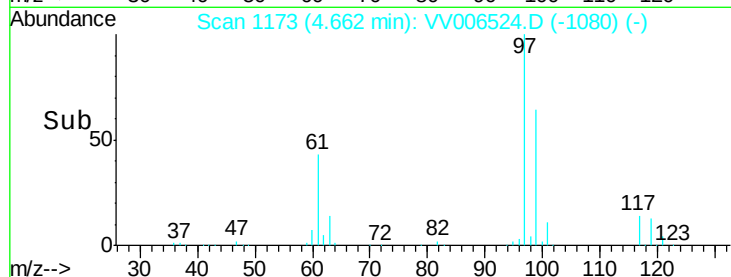
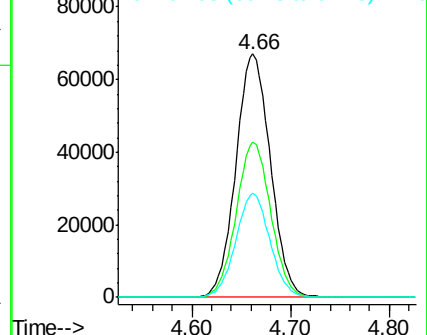
#29
 1,1,1-Trichloroethane
 Concen: 4.993 ug/L
 RT: 4.66 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VV006524.D
 Acq: 02 Jul 2018 11:53

Instrument :
 MSVOA_V
 ClientSampleId :
 DB0G1

Tgt Ion: 97 Resp: 163293
 Ion Ratio Lower Upper
 97 100
 99 63.4 51.0 76.4
 61 42.2 33.8 50.6

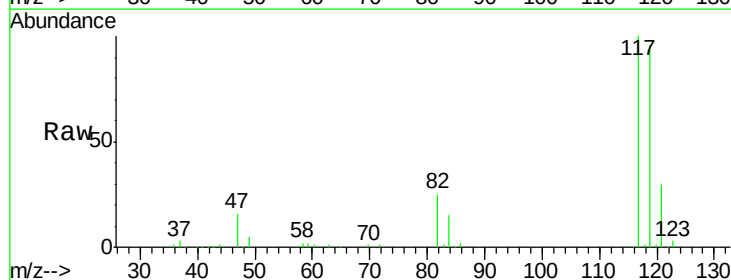


Abundance Ion 96.95 (96.65 to 97.65): VV0
 Ion 99.05 (98.75 to 99.75): VV0
 Ion 61.05 (60.75 to 61.75): VV0

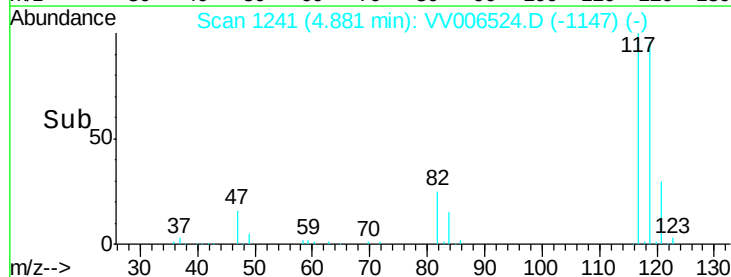
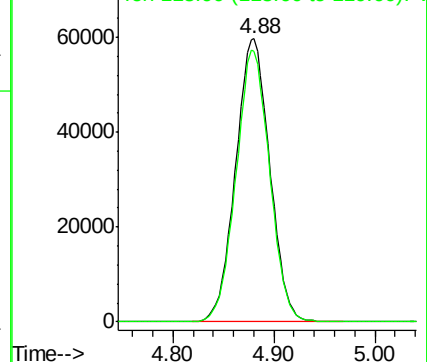


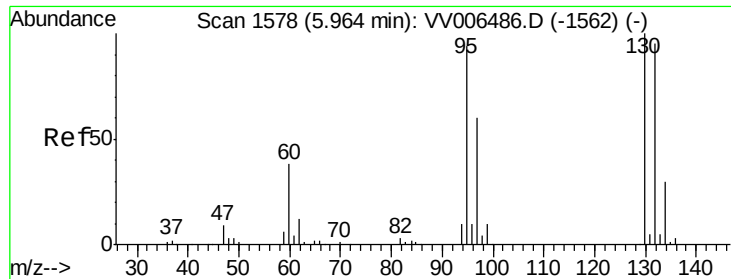
#31
 Carbon tetrachloride
 Concen: 5.108 ug/L
 RT: 4.88 min Scan# 1241
 Delta R.T. 0.00 min
 Lab File: VV006524.D
 Acq: 02 Jul 2018 11:53

Tgt Ion: 117 Resp: 140109
 Ion Ratio Lower Upper
 117 100
 119 94.5 77.4 116.0



Abundance Ion 116.90 (116.60 to 117.60): V
 Ion 118.90 (118.60 to 119.60): V





#34

Trichloroethene

Concen: 7.995 ug/L

RT: 5.96 min Scan# 1578

Delta R.T. 0.00 min

Lab File: VV006524.D

Acq: 02 Jul 2018 11:53

Instrument :

MSVOA_V

ClientSampleId :

DB0G1

Tgt Ion: 95 Resp: 202556

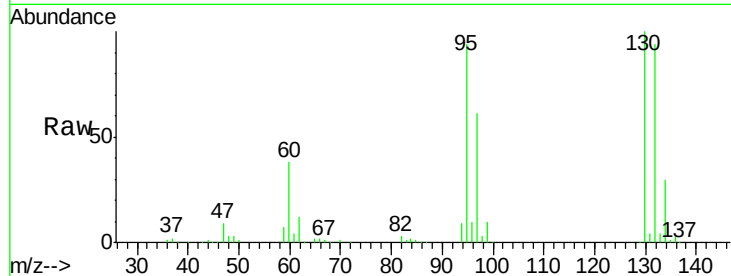
Ion Ratio Lower Upper

95 100

97 64.9 44.6 82.8

132 100.4 70.1 130.1

130 106.3 73.3 136.1

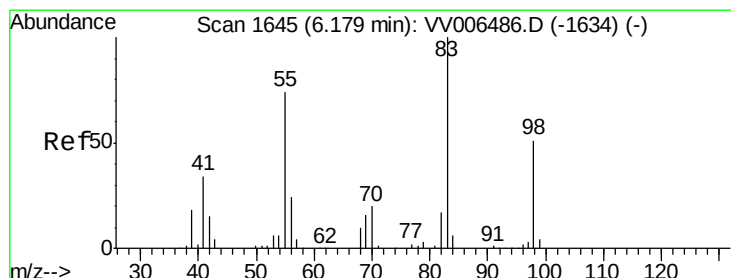
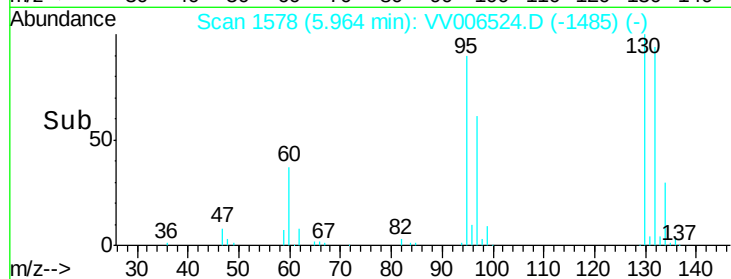
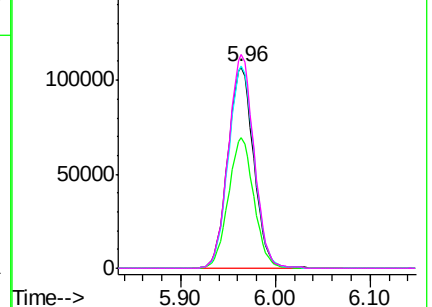


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35

Methylcyclohexane

Concen: 0.788 ug/L

RT: 6.12 min Scan# 1628

Delta R.T. -0.05 min

Lab File: VV006524.D

Acq: 02 Jul 2018 11:53

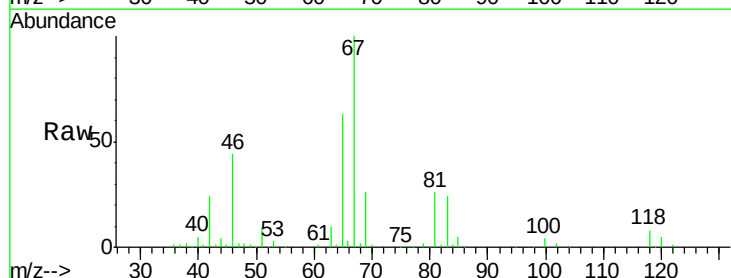
Tgt Ion: 83 Resp: 29042

Ion Ratio Lower Upper

83 100

55 0.7 57.5 86.3#

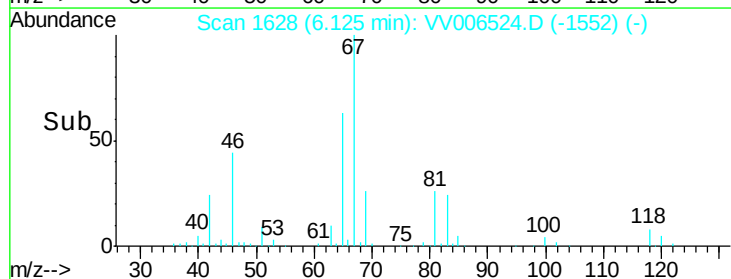
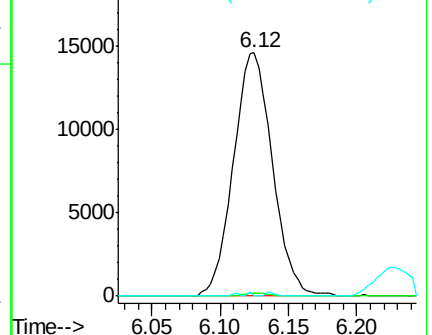
98 10.1 39.6 59.4#

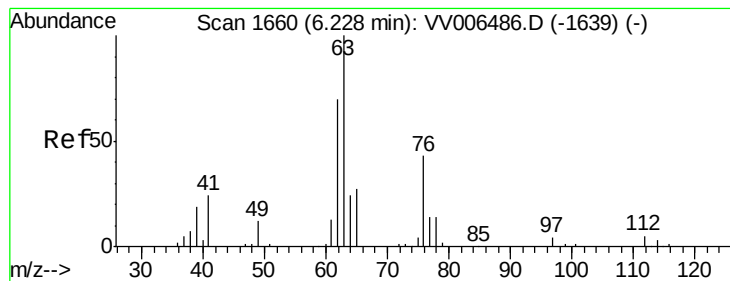


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0





#37

1,2-Dichloropropane

Concen: 4.975 ug/L

RT: 6.23 min Scan# 1660

Delta R.T. 0.00 min

Lab File: VV006524.D

Acq: 02 Jul 2018 11:53

Instrument :

MSVOA_V

ClientSampleId :

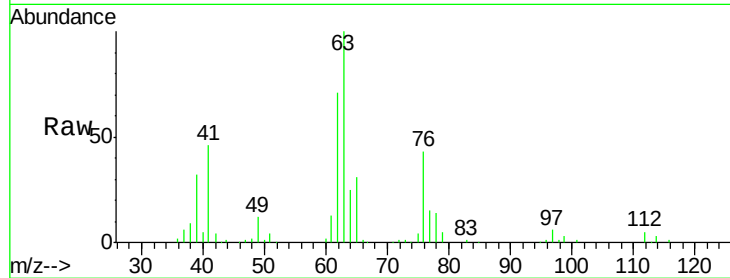
DB0G1

Tgt Ion: 63 Resp: 107666

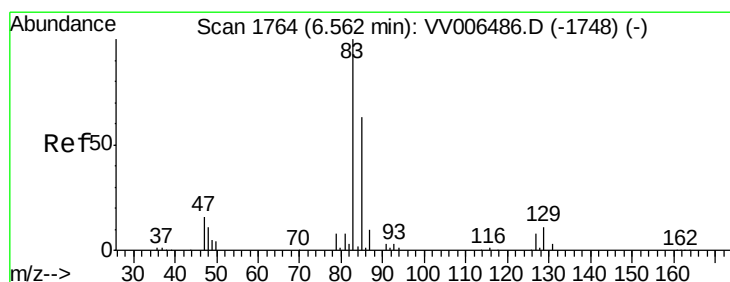
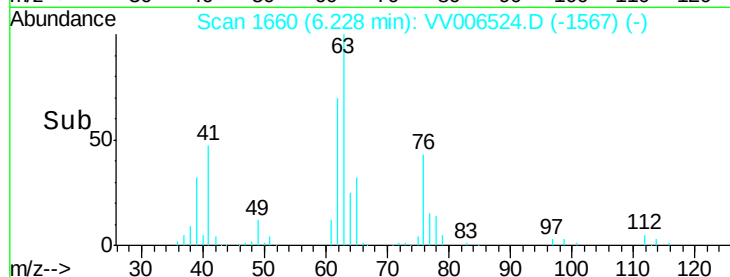
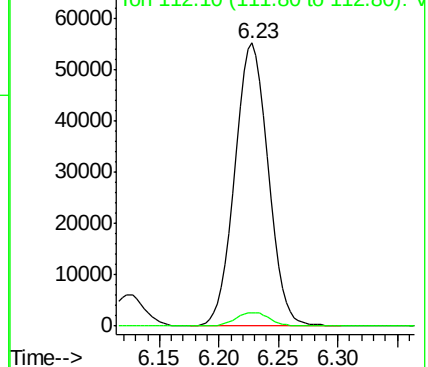
Ion Ratio Lower Upper

63 100

112 4.9 4.0 6.0



Abundance Ion 63.10 (62.80 to 63.80): VV006486.D (-1639) (-)



#38

Bromodichloromethane

Concen: 1.960 ug/L

RT: 6.56 min Scan# 1764

Delta R.T. 0.00 min

Lab File: VV006524.D

Acq: 02 Jul 2018 11:53

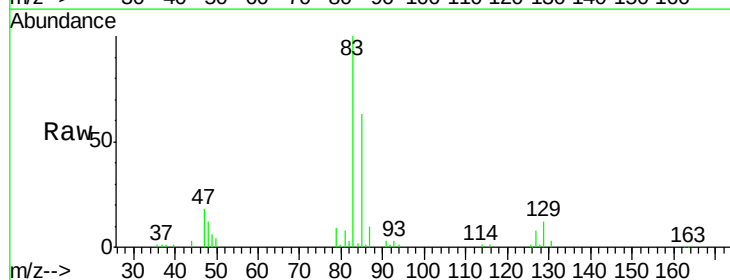
Tgt Ion: 83 Resp: 48836

Ion Ratio Lower Upper

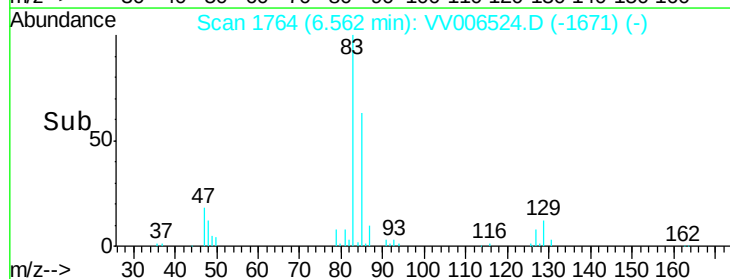
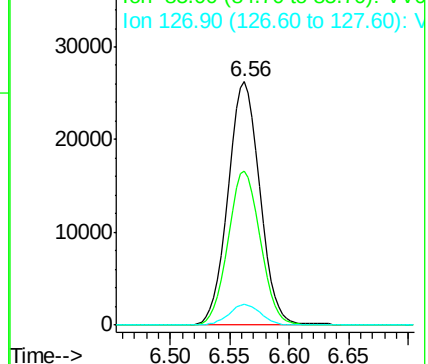
83 100

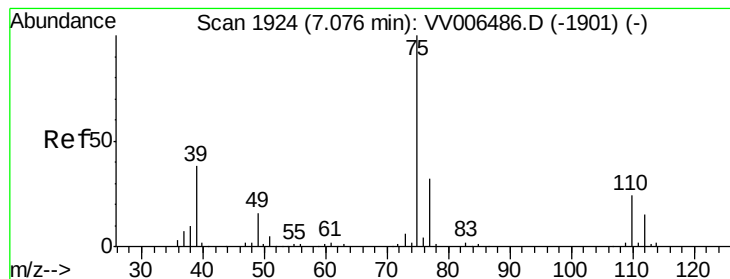
85 63.4 45.1 83.9

127 8.5 6.6 9.8



Abundance Ion 82.95 (82.65 to 83.65): VV006486.D (-1748) (-)



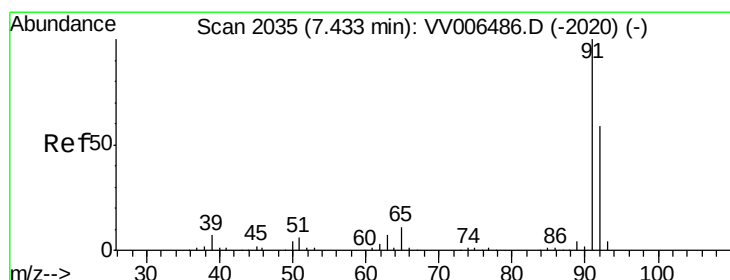
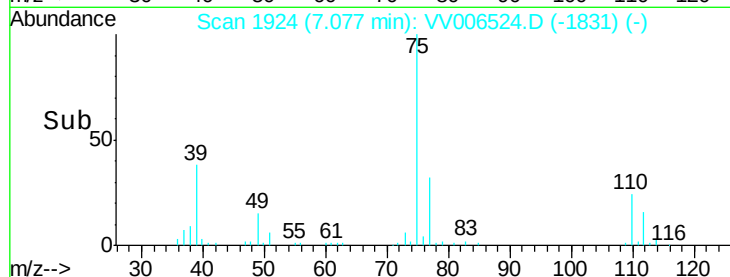
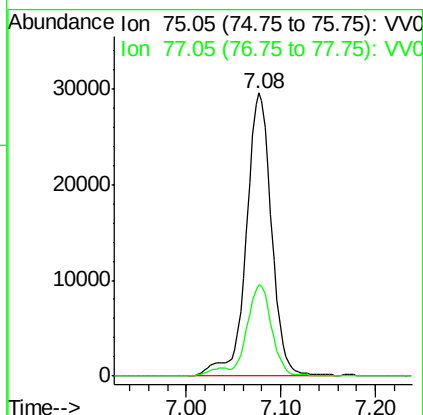
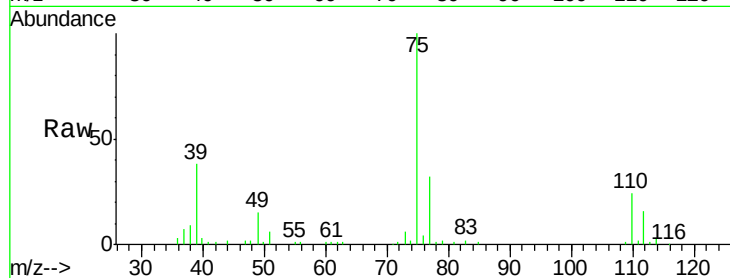


#39

cis-1,3-Dichloropropene
Concen: 1.824 ug/L
RT: 7.08 min Scan# 1924
Delta R.T. 0.00 min
Lab File: VV006524.D
Acq: 02 Jul 2018 11:53

Instrument :
MSVOA_V
ClientSampleId :
DB0G1

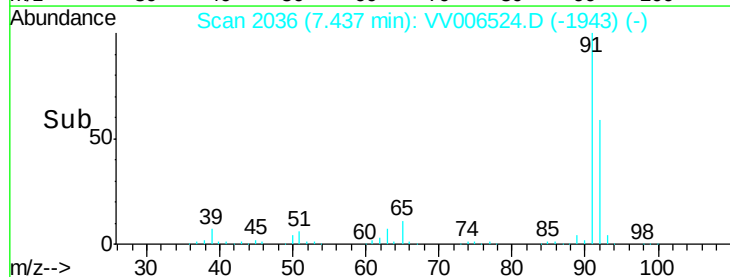
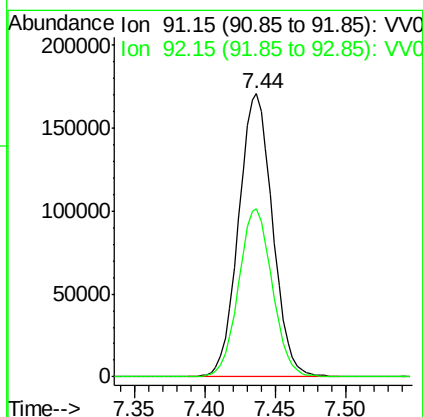
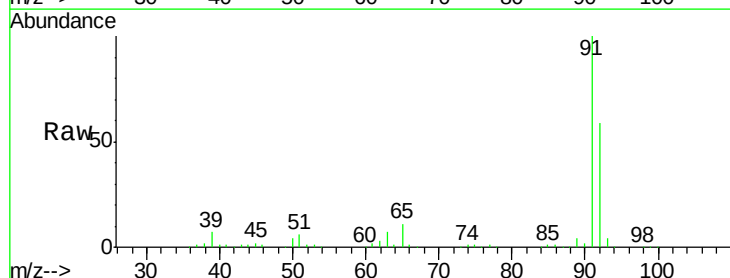
Tgt Ion: 75 Resp: 54927
Ion Ratio Lower Upper
75 100
77 32.3 22.3 41.3

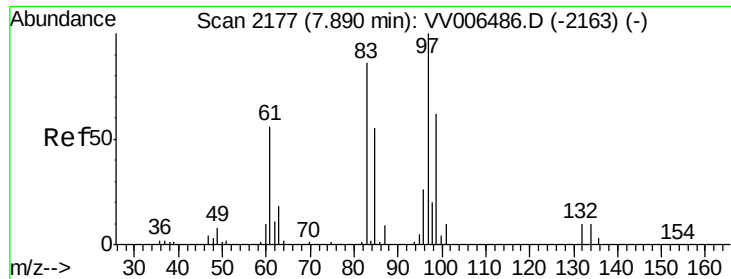


#42

Toluene
Concen: 3.072 ug/L
RT: 7.44 min Scan# 2036
Delta R.T. 0.00 min
Lab File: VV006524.D
Acq: 02 Jul 2018 11:53

Tgt Ion: 91 Resp: 288141
Ion Ratio Lower Upper
91 100
92 59.2 41.2 76.4

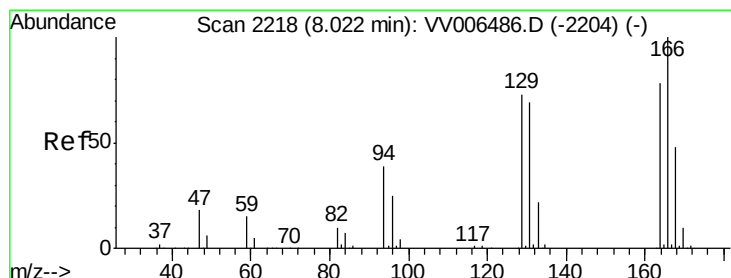
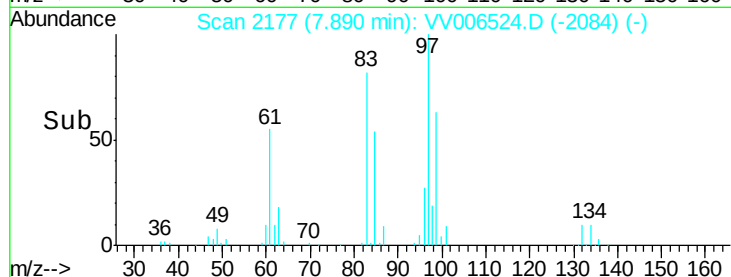
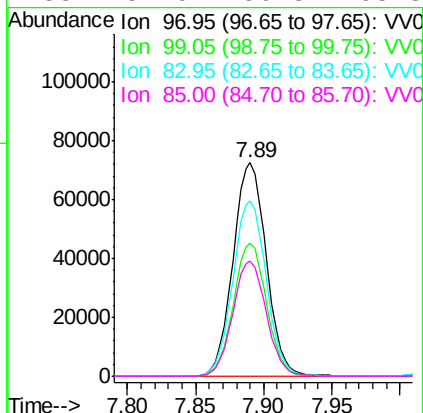
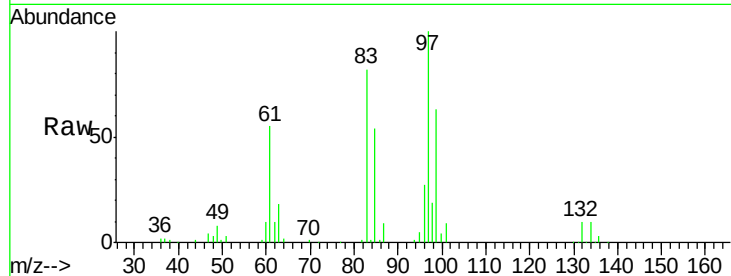




#45
 1,1,2-Trichloroethane
 Concen: 8.242 ug/L
 RT: 7.89 min Scan# 2177
 Delta R.T. 0.00 min
 Lab File: VV006524.D
 Acq: 02 Jul 2018 11:53

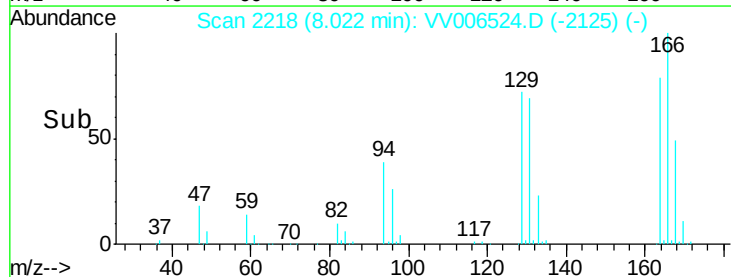
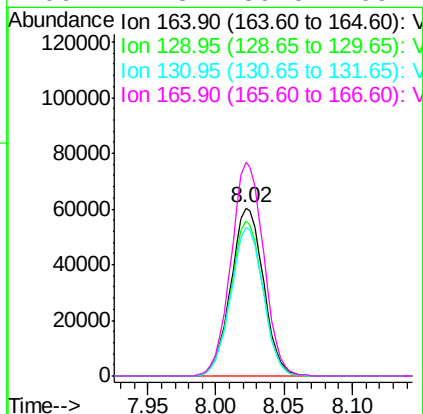
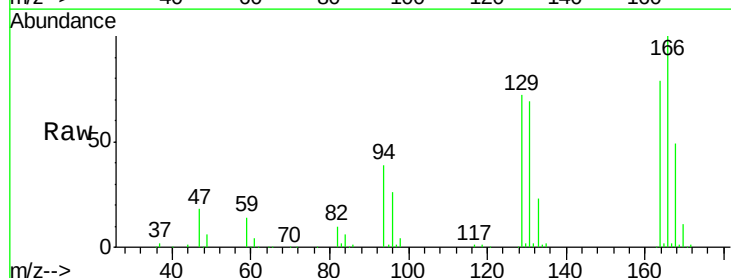
Instrument :
 MSVOA_V
 ClientSampleId :
 DB0G1

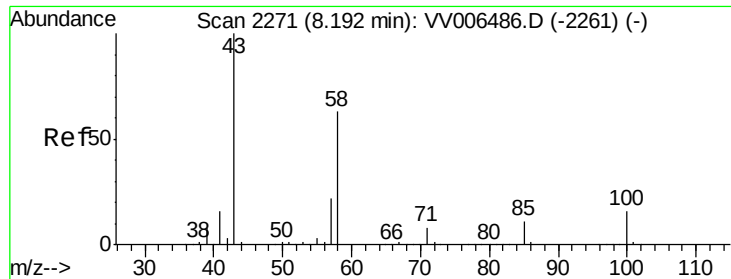
Tgt Ion:	97	Resp:	123199
Ion	Ratio	Lower	Upper
97	100		
99	62.6	44.2	82.2
83	82.4	59.0	109.6
85	54.0	36.8	68.3



#47
 Tetrachloroethene
 Concen: 5.224 ug/L
 RT: 8.02 min Scan# 2218
 Delta R.T. 0.00 min
 Lab File: VV006524.D
 Acq: 02 Jul 2018 11:53

Tgt Ion:	164	Resp:	99996
Ion	Ratio	Lower	Upper
164	100		
129	92.1	64.0	118.8
131	88.2	61.7	114.5
166	127.3	89.0	165.2

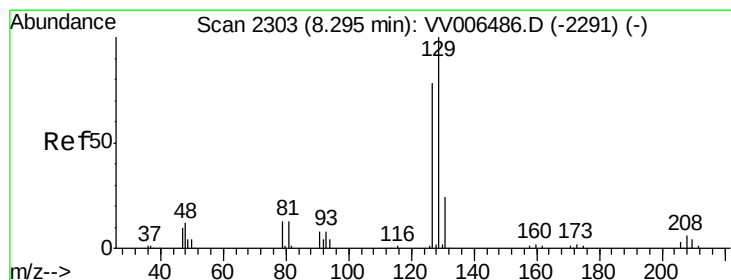
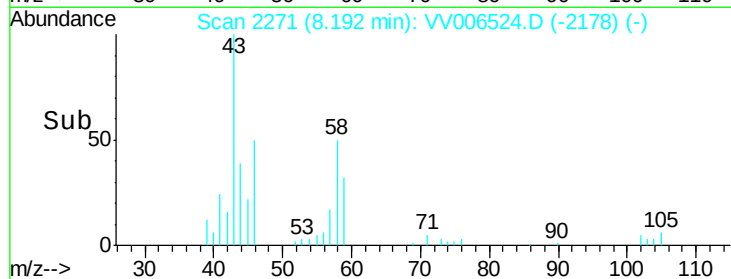
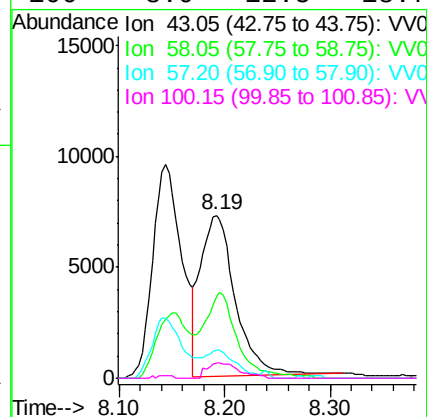
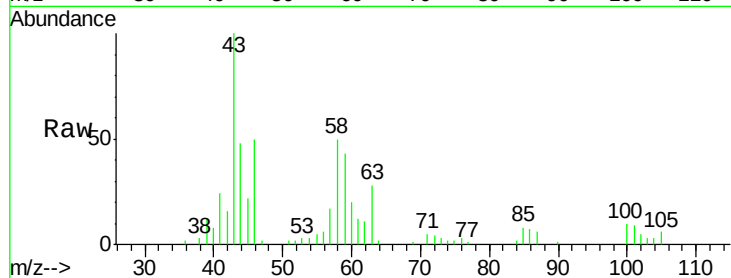




#48
2-Hexanone
Concen: 2.202 ug/L
RT: 8.19 min Scan# 2271
Delta R.T. 0.00 min
Lab File: VV006524.D
Acq: 02 Jul 2018 11:53

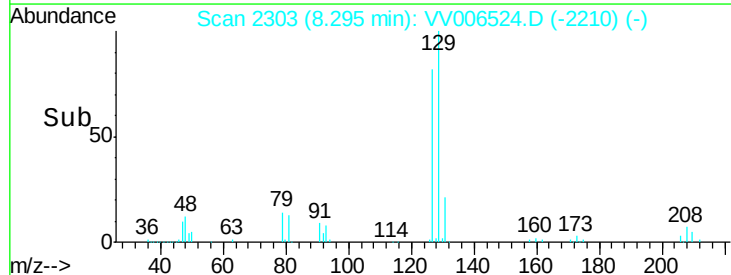
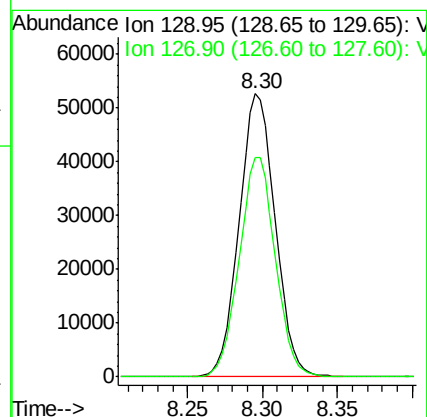
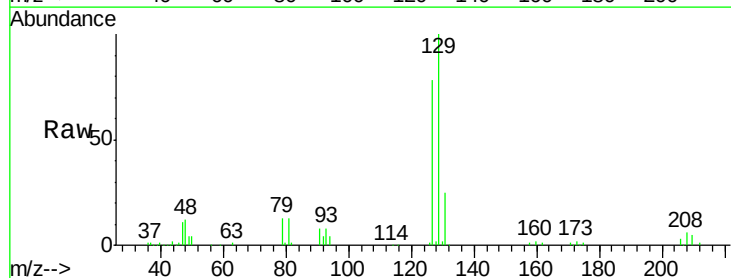
Instrument :
MSVOA_V
ClientSampleId :
DB0G1

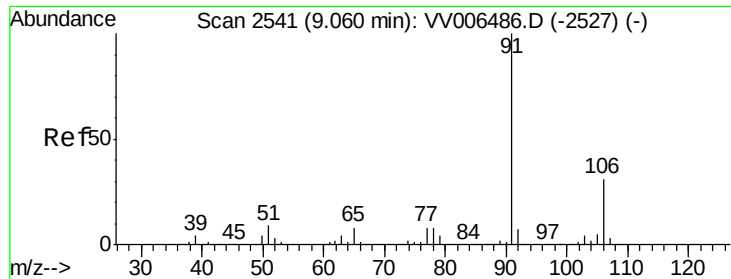
Tgt Ion: 43 Resp: 16684
Ion Ratio Lower Upper
43 100
58 49.7 49.9 74.9#
57 15.5 17.3 25.9#
100 8.9 12.5 18.7#



#49
Dibromochloromethane
Concen: 5.544 ug/L
RT: 8.30 min Scan# 2303
Delta R.T. 0.00 min
Lab File: VV006524.D
Acq: 02 Jul 2018 11:53

Tgt Ion: 129 Resp: 88339
Ion Ratio Lower Upper
129 100
127 77.7 54.0 100.2





#52

Ethylbenzene

Concen: 10.399 ug/L

RT: 9.06 min Scan# 2541

Delta R.T. 0.00 min

Lab File: VV006524.D

Acq: 02 Jul 2018 11:53

Instrument :

MSVOA_V

ClientSampleId :

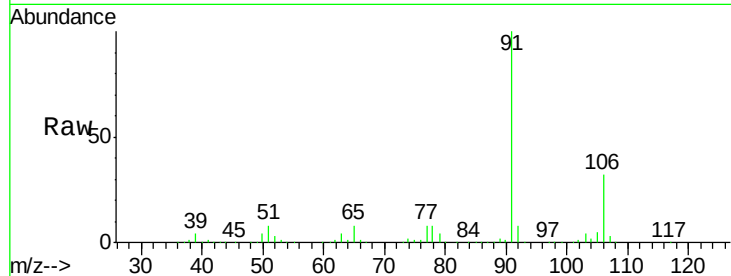
DB0G1

Tgt Ion: 91 Resp: 1055906

Ion Ratio Lower Upper

91 100

106 31.8 22.2 41.2



Abundance Ion 91.15 (90.85 to 91.85): VV006486.D (-2527) (-)

Ion 106.15 (105.85 to 106.85): VV006486.D (-2527) (-)

800000

600000

400000

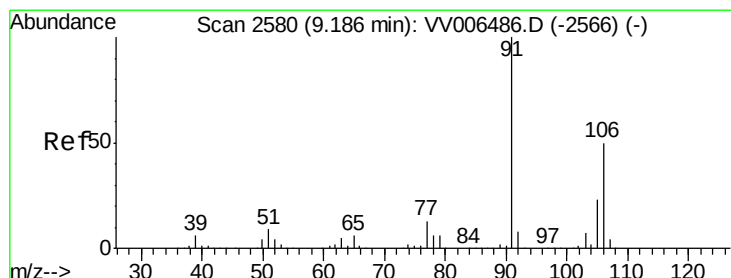
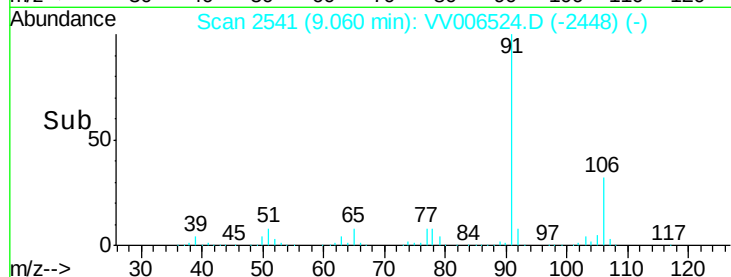
200000

0

9.06

9.00 9.10 9.20

Time-->



#53

m,p-xylene

Concen: 8.557 ug/L

RT: 9.06 min Scan# 2541

Delta R.T. -0.13 min

Lab File: VV006524.D

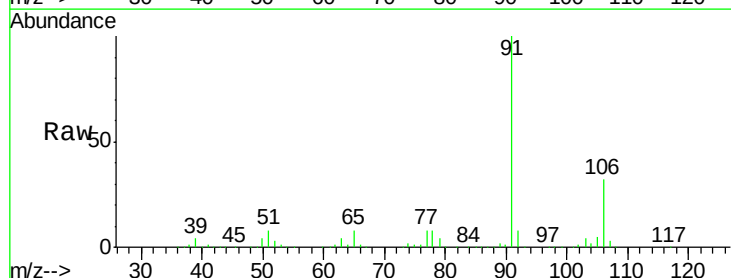
Acq: 02 Jul 2018 11:53

Tgt Ion: 106 Resp: 335088

Ion Ratio Lower Upper

106 100

91 314.1 138.8 257.8#



Abundance Ion 106.15 (105.85 to 106.85): VV006486.D (-2566) (-)

Ion 91.15 (90.85 to 91.85): VV006486.D (-2566) (-)

800000

600000

400000

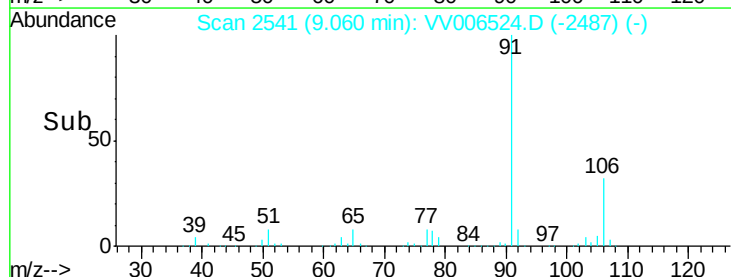
200000

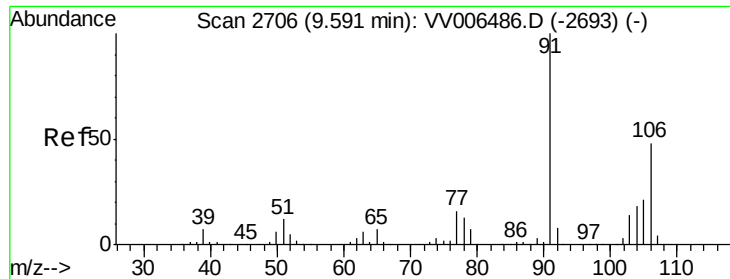
0

9.06

9.00 9.10 9.15

Time-->





#54

o-xylene

Concen: 3.070 ug/L

RT: 9.59 min Scan# 2707

Delta R.T. 0.00 min

Lab File: VV006524.D

Acq: 02 Jul 2018 11:53

Instrument :

MSVOA_V

ClientSampleId :

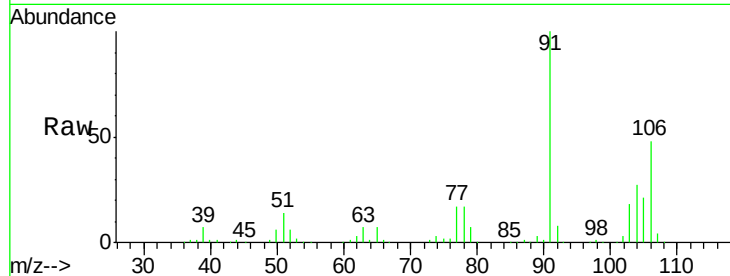
DB0G1

Tgt Ion:106 Resp: 117949

Ion Ratio Lower Upper

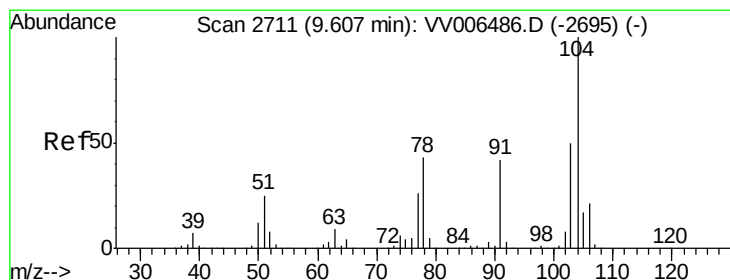
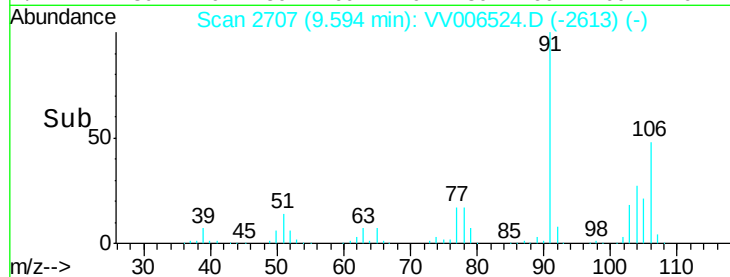
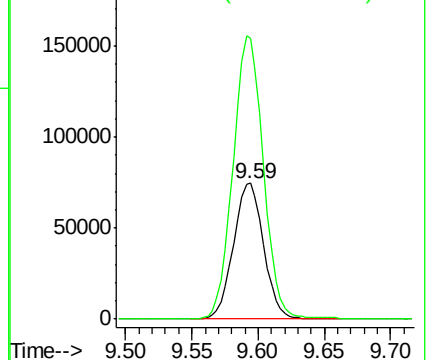
106 100

91 206.9 145.7 270.7



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0



#55

Styrene

Concen: 3.117 ug/L

RT: 9.61 min Scan# 2712

Delta R.T. 0.00 min

Lab File: VV006524.D

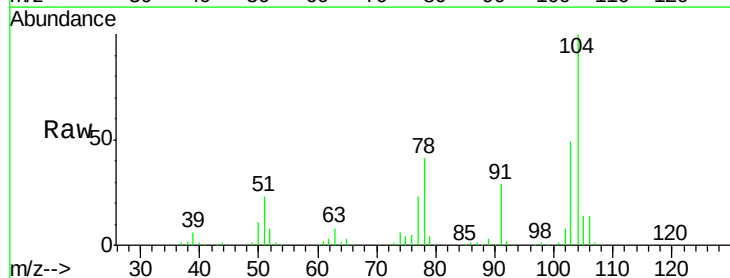
Acq: 02 Jul 2018 11:53

Tgt Ion:104 Resp: 195886

Ion Ratio Lower Upper

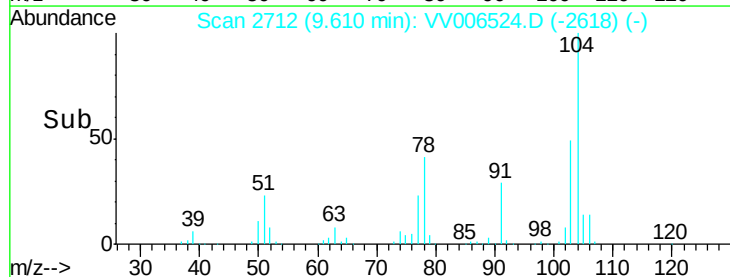
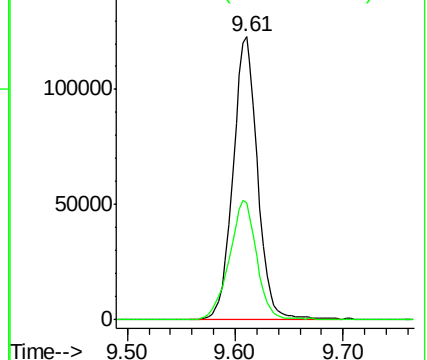
104 100

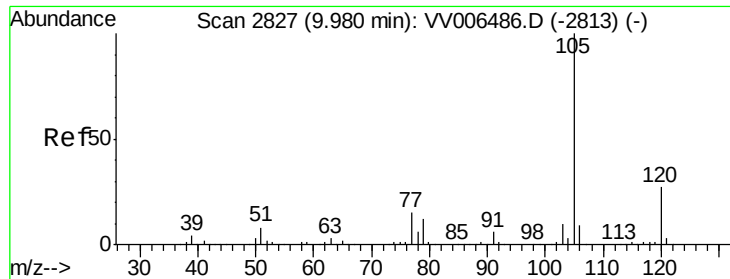
78 41.2 29.1 54.1



Abundance Ion 104.10 (103.80 to 104.80): V

Ion 78.10 (77.80 to 78.80): VV0





#56

Isopropylbenzene

Concen: 7.377 ug/L

RT: 9.98 min Scan# 2827

Delta R.T. 0.00 min

Lab File: VV006524.D

Acq: 02 Jul 2018 11:53

Instrument :

MSVOA_V

ClientSampleId :

DB0G1

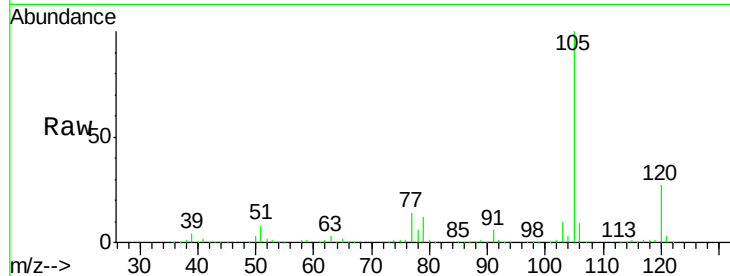
Tgt Ion: 105 Resp: 738424

Ion Ratio Lower Upper

105 100

120 27.2 21.7 32.5

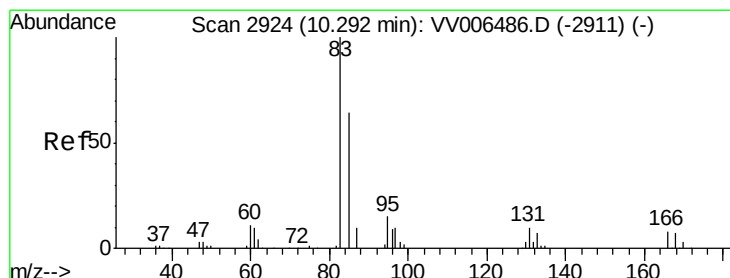
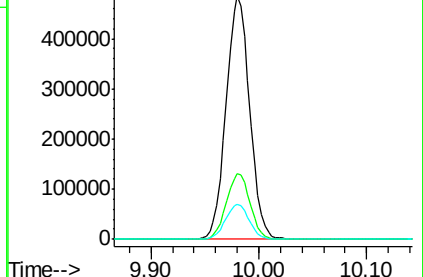
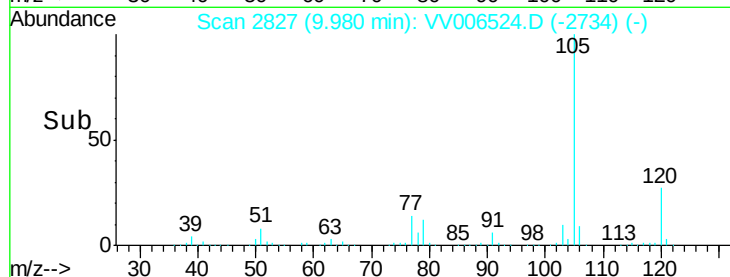
77 14.5 11.8 17.8



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): V



#58

1,1,2,2-Tetrachloroethane

Concen: 4.272 ug/L

RT: 10.30 min Scan# 2925

Delta R.T. 0.00 min

Lab File: VV006524.D

Acq: 02 Jul 2018 11:53

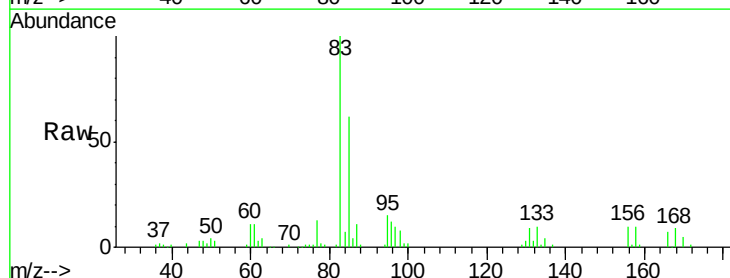
Tgt Ion: 83 Resp: 60225

Ion Ratio Lower Upper

83 100

85 62.4 44.8 83.2

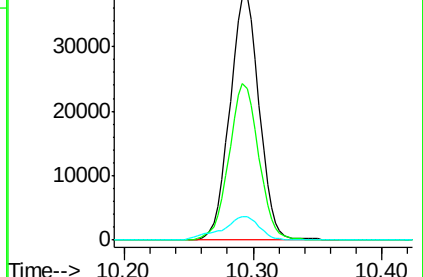
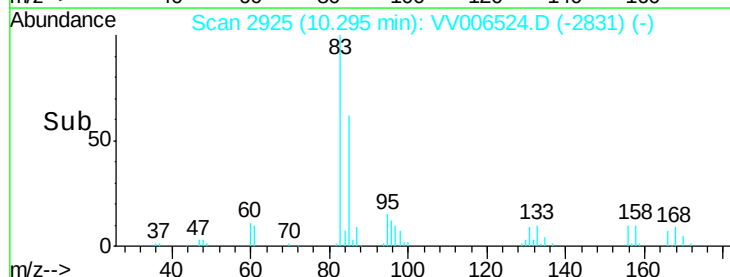
131 9.4 7.9 11.9

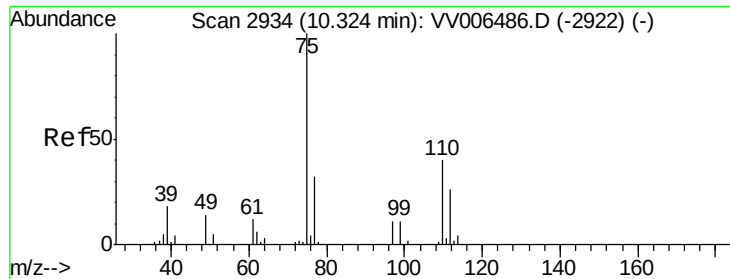


Abundance Ion 82.95 (82.65 to 83.65): VV0

Ion 85.00 (84.70 to 85.70): VV0

Ion 130.95 (130.65 to 131.65): V





#59

1,2,3-Trichloropropane

Concen: 1.148 ug/L

RT: 10.27 min Scan# 2916

Delta R.T. -0.06 min

Lab File: VV006524.D

Acq: 02 Jul 2018 11:53

Instrument :

MSVOA_V

ClientSampleId :

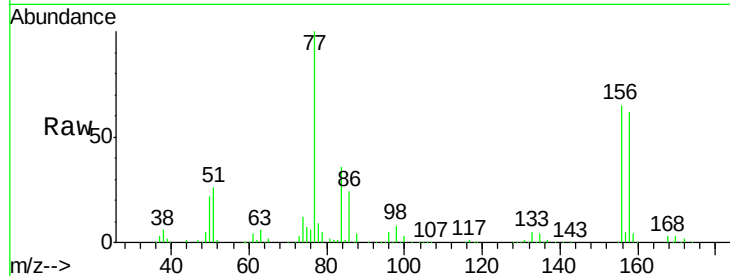
DB0G1

Tgt Ion: 75 Resp: 13511

Ion Ratio Lower Upper

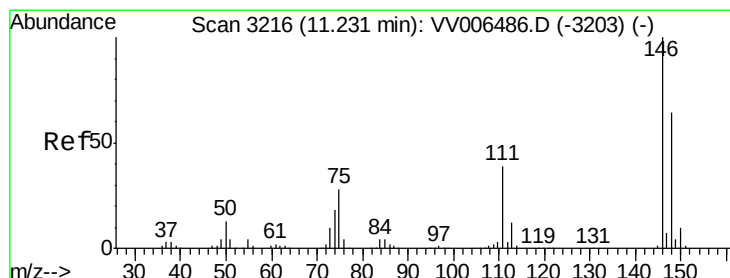
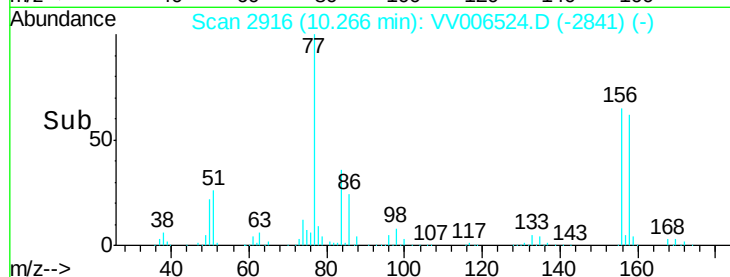
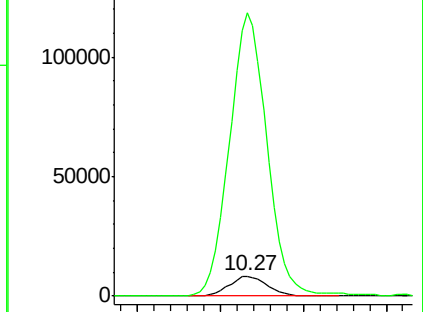
75 100

77 1384.4 25.7 38.5#



Abundance Ion 75.00 (74.70 to 75.70): VV006486.D (-2922) (-)

Ion 77.00 (76.70 to 77.70): VV006486.D (-2922) (-)



#62

1,3-Dichlorobenzene

Concen: 2.031 ug/L

RT: 11.23 min Scan# 3217

Delta R.T. 0.00 min

Lab File: VV006524.D

Acq: 02 Jul 2018 11:53

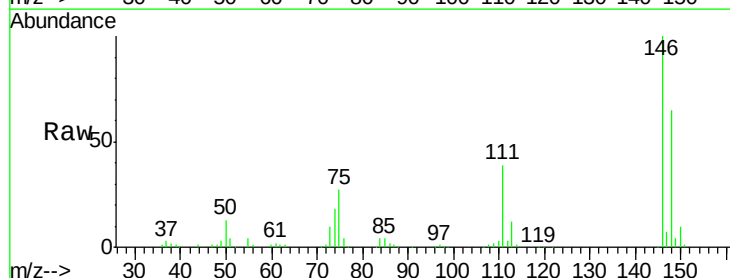
Tgt Ion: 146 Resp: 96458

Ion Ratio Lower Upper

146 100

111 39.0 27.4 51.0

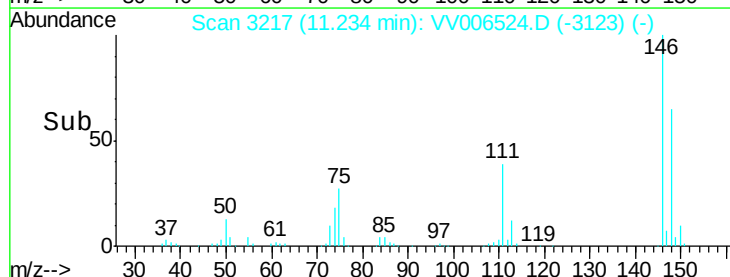
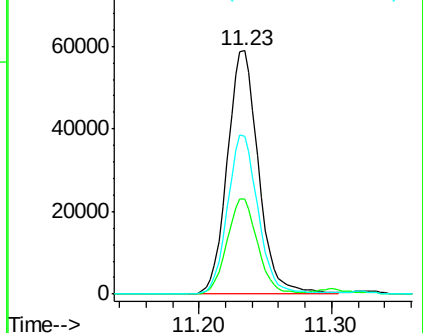
148 65.1 44.1 81.9

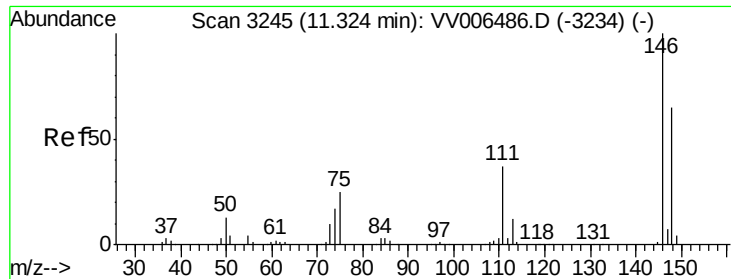


Abundance Ion 145.95 (145.65 to 146.65): VV006486.D (-3203) (-)

Ion 111.00 (110.70 to 111.70): VV006486.D (-3203) (-)

Ion 148.00 (147.70 to 148.70): VV006486.D (-3203) (-)

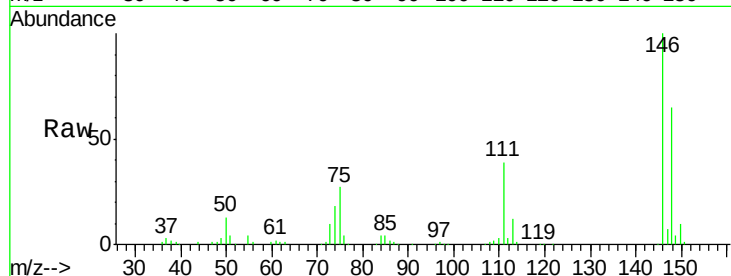




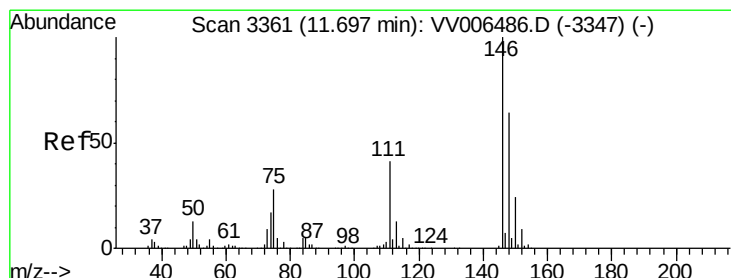
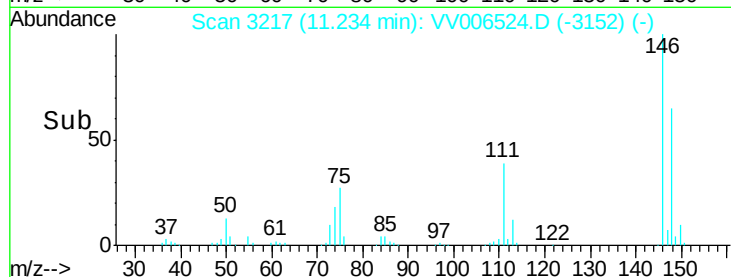
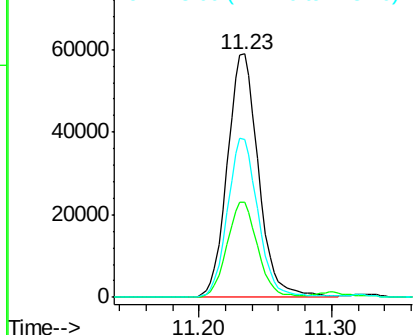
#63
 1,4-Dichlorobenzene
 Concen: 2.030 ug/L
 RT: 11.23 min Scan# 3217
 Delta R.T. -0.09 min
 Lab File: VV006524.D
 Acq: 02 Jul 2018 11:53

Instrument :
 MSVOA_V
 ClientSampleId :
 DB0G1

Tgt Ion:146 Resp: 96458
 Ion Ratio Lower Upper
 146 100
 111 39.0 26.3 48.9
 148 65.1 44.0 81.6

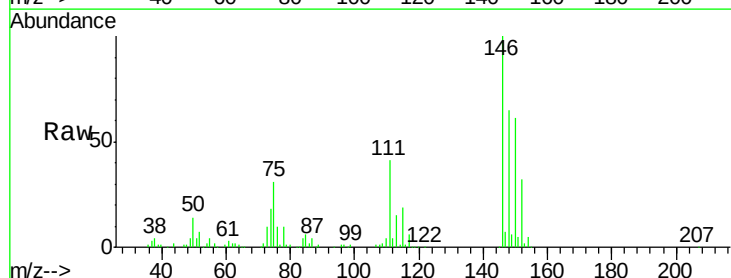


Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V



#65
 1,2-Dichlorobenzene
 Concen: 2.021 ug/L
 RT: 11.70 min Scan# 3361
 Delta R.T. 0.00 min
 Lab File: VV006524.D
 Acq: 02 Jul 2018 11:53

Tgt Ion:146 Resp: 89853
 Ion Ratio Lower Upper
 146 100
 111 40.5 32.0 48.0
 148 64.9 50.8 76.2



Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

