

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091020\
 Data File : VV018188.D
 Acq On : 10 Sep 2020 18:56
 Operator : SY/MD
 Sample : MDL06
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL06

Quant Time: Sep 11 01:34:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 11 01:30:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	290602	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	287654	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	145473	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	96651	40.81	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.62%
7) Chloroethane-d5	1.58	69	85577	44.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.32%
11) 1,1-Dichloroethene-d2	2.12	63	148691	34.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.46%
21) 2-Butanone-d5	3.91	46	143491	98.99	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.99%
24) Chloroform-d	4.38	84	183132	44.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.14%
26) 1,2-Dichloroethane-d4	5.06	65	126682	48.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.20%
32) Benzene-d6	5.08	84	379659	46.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.20%
36) 1,2-Dichloropropane-d6	6.09	67	124009	47.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.78%
41) Toluene-d8	7.34	98	343468	45.77	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.54%
43) trans-1,3-Dichloropropene-	7.64	79	59692	44.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.78%
47) 2-Hexanone-d5	8.11	63	89001	89.80	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.80%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	151348	46.09	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.18%
64) 1,2-Dichlorobenzene-d4	11.65	152	148809	49.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.62%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	4941	2.332 ug/L	97
3) Chloromethane	1.25	50	5531	2.390 ug/L	97
5) Vinyl chloride	1.32	62	5896	2.485 ug/L #	66
6) Bromomethane	1.53	94	3365	2.320 ug/L	99
8) Chloroethane	1.60	64	3897	2.622 ug/L	99
9) Trichlorofluoromethane	1.77	101	7909	2.423 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	5838	2.977 ug/L #	83
12) 1,1-Dichloroethene	2.13	96	5829	3.055 ug/L #	1
13) Acetone	2.19	43	4596	3.959 ug/L	95
14) Carbon disulfide	2.31	76	13143	2.251 ug/L	98
15) Methyl Acetate	2.46	43	4928	2.362 ug/L	94
16) Methylene chloride	2.53	84	5936	2.774 ug/L	96
17) trans-1,2-Dichloroethene	2.78	96	4667	2.373 ug/L	95
18) Methyl tert-butyl Ether	2.79	73	13381	2.200 ug/L	99
19) 1,1-Dichloroethane	3.22	63	8547	2.299 ug/L	98
20) cis-1,2-Dichloroethene	3.95	96	4906	2.334 ug/L	93
23) Bromochloromethane	4.28	128	2572	2.339 ug/L	91

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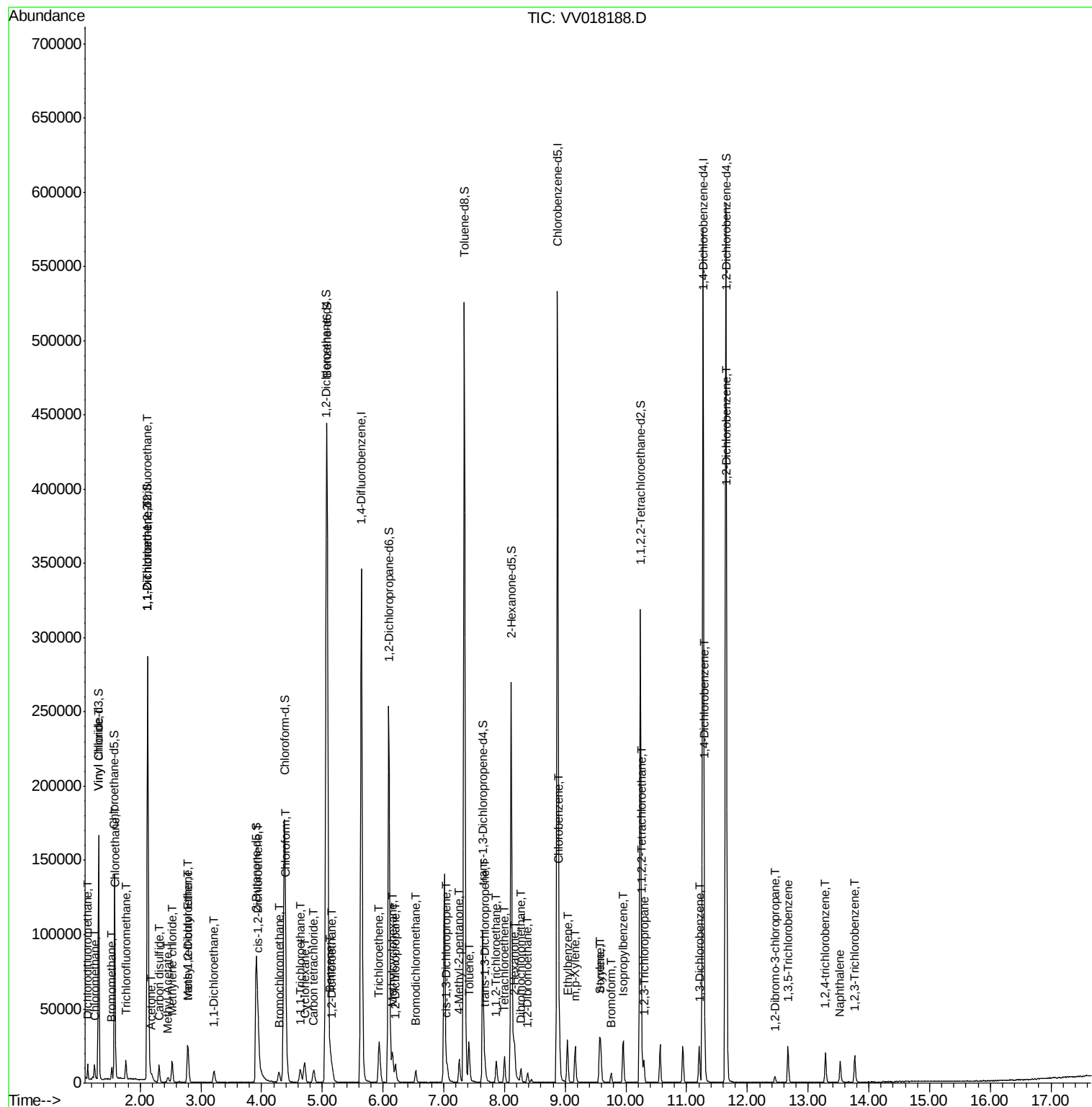
25) Chloroform	4.41	83	17425	4.611	ug/L	99
27) 1,2-Dichloroethane	5.16	62	7349	2.512	ug/L #	94
29) Cyclohexane	4.71	56	7176	2.160	ug/L	98
30) 1,1,1-Trichloroethane	4.63	97	7596	2.275	ug/L	99
31) Carbon tetrachloride	4.86	117	6596	2.247	ug/L	99
33) Benzene	5.13	78	19689	2.394	ug/L	100
34) Trichloroethene	5.95	95	5823	2.599	ug/L	92
35) Methylcyclohexane	6.15	83	7279	2.158	ug/L	96
37) 1,2-Dichloropropane	6.20	63	5245	2.407	ug/L #	94
38) Bromodichloromethane	6.54	83	6177	2.178	ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	7326	2.182	ug/L	98
40) 4-Methyl-2-pentanone	7.25	43	10588	4.005	ug/L	100
42) Toluene	7.41	91	20216	2.323	ug/L	100
44) trans-1,3-Dichloropropene	7.68	75	6753	2.065	ug/L	97
45) 1,1,2-Trichloroethane	7.87	97	4507	2.231	ug/L	96
46) Tetrachloroethene	8.00	164	4015	2.286	ug/L	94
48) 2-Hexanone	8.16	43	17193	8.248	ug/L #	97
49) Dibromochloromethane	8.27	129	4848	2.138	ug/L	98
50) 1,2-Dibromoethane	8.38	107	4912	2.311	ug/L #	94
51) Chlorobenzene	8.90	112	13680	2.420	ug/L	95
52) Ethylbenzene	9.04	91	20061	2.111	ug/L	95
53) m,p-Xylene	9.16	106	7412	2.090	ug/L	97
54) o-xylene	9.57	106	7148	2.092	ug/L	98
55) Styrene	9.59	104	11137	1.875	ug/L	100
56) Isopropylbenzene	9.95	105	17977	1.952	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.26	83	7301	2.443	ug/L #	98
59) 1,2,3-Trichloropropane	10.30	75	5894	2.299	ug/L	99
61) Bromoform	9.76	173	3029	1.938	ug/L #	94
62) 1,3-Dichlorobenzene	11.21	146	10156	2.348	ug/L	97
63) 1,4-Dichlorobenzene	11.30	146	11051	2.485	ug/L	95
65) 1,2-Dichlorobenzene	11.67	146	11069	2.532	ug/L	94
66) 1,2-Dibromo-3-chloropropan	12.45	75	1173	1.901	ug/L	97
67) 1,3,5-Trichlorobenzene	12.67	180	7576	2.222	ug/L	97
68) 1,2,4-trichlorobenzene	13.29	180	6248	2.057	ug/L	99
69) Naphthalene	13.53	128	12415	1.616	ug/L	100
70) 1,2,3-Trichlorobenzene	13.77	180	6180	2.066	ug/L	99

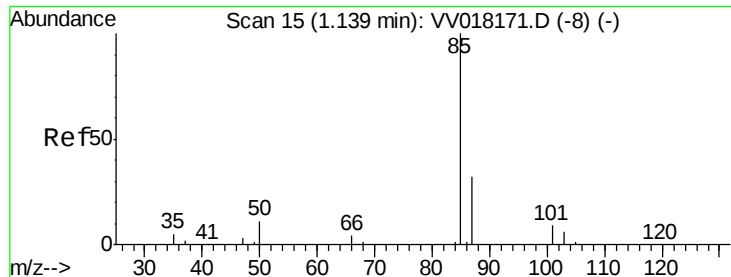
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#2

Dichlorodifluoromethane

Concen: 2.332 ug/L

RT: 1.14 min Scan# 14

Delta R.T. -0.00 min

Lab File: VV018188.D

Acq: 10 Sep 2020 18:56

Instrument :

MSVOA_V

ClientSampleId :

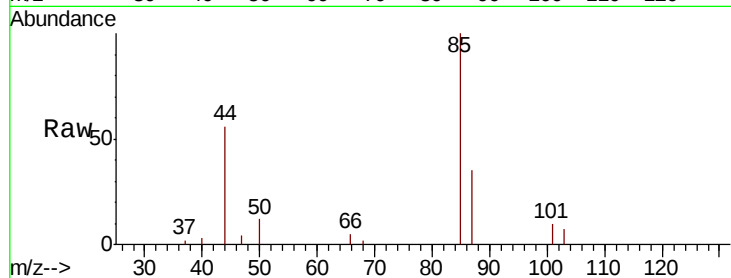
MDL06

Tot Ion: 85 Resp: 4941

Ion Ratio Lower Upper

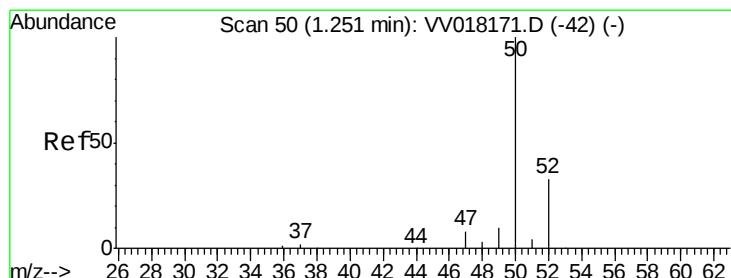
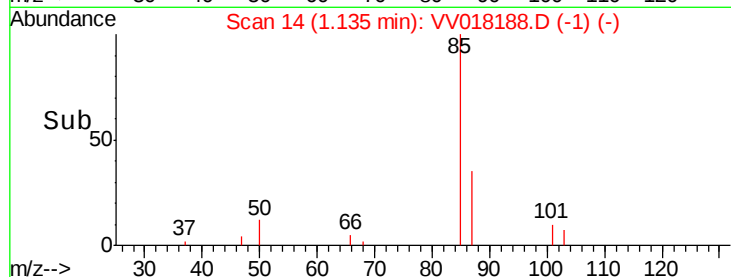
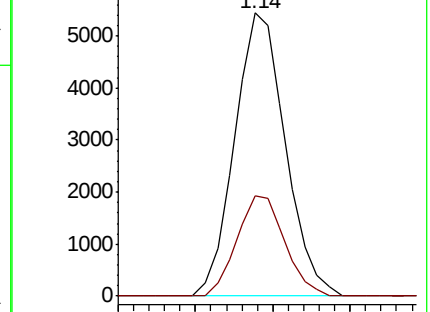
85 100

87 33.5 25.7 38.5



Abundance Ion 85.00 (84.70 to 85.70): VV018171.D (-8) (-)

Ion 87.00 (86.70 to 87.70): VV018171.D (-8) (-)



#3

Chloromethane

Concen: 2.390 ug/L

RT: 1.25 min Scan# 49

Delta R.T. -0.00 min

Lab File: VV018188.D

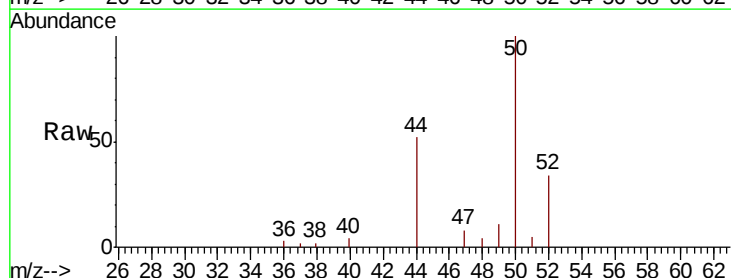
Acq: 10 Sep 2020 18:56

Tgt Ion: 50 Resp: 5531

Ion Ratio Lower Upper

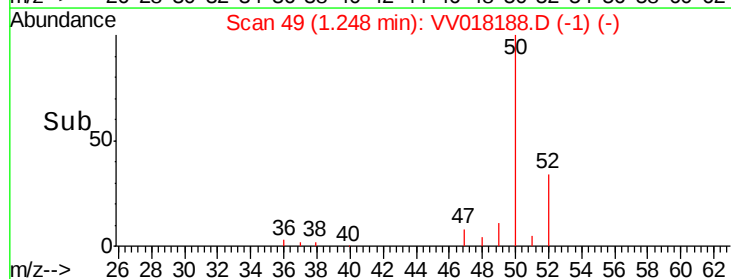
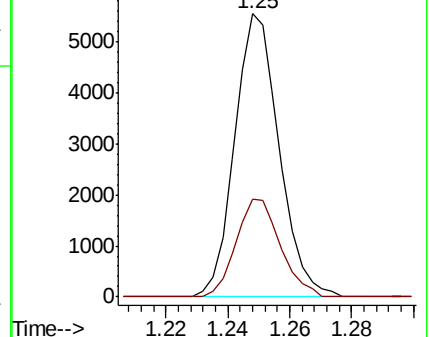
50 100

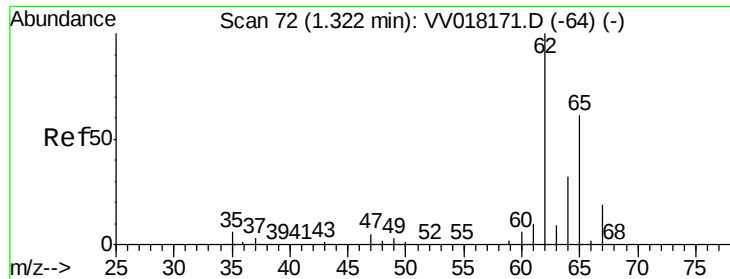
52 34.4 22.7 42.3



Abundance Ion 50.00 (49.70 to 50.70): VV018171.D (-42) (-)

Ion 52.00 (51.70 to 52.70): VV018171.D (-42) (-)





#5

Vinyl chloride

Concen: 2.485 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VV018188.D

Acq: 10 Sep 2020 18:56

Instrument :

MSVOA_V

ClientSampleId :

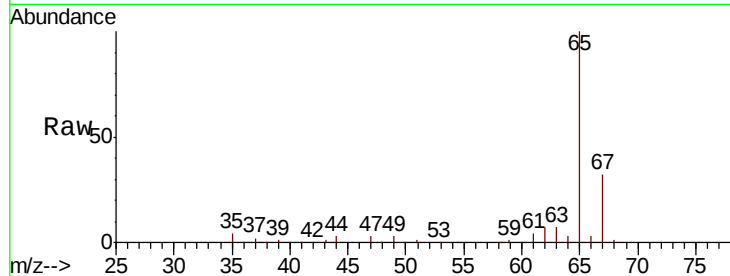
MDL06

Tot Ion: 62 Resp: 5896

Ion Ratio Lower Upper

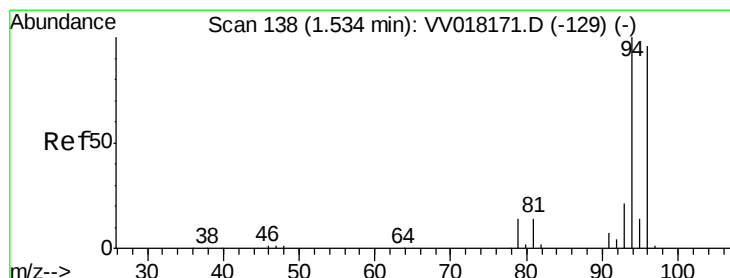
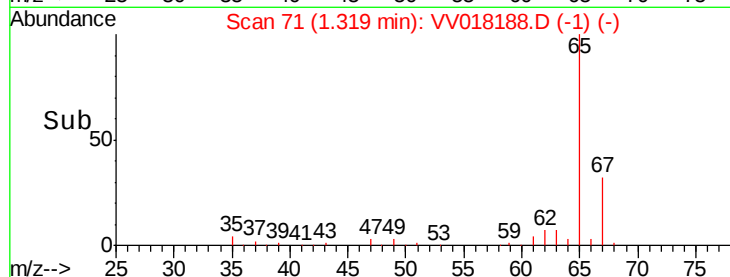
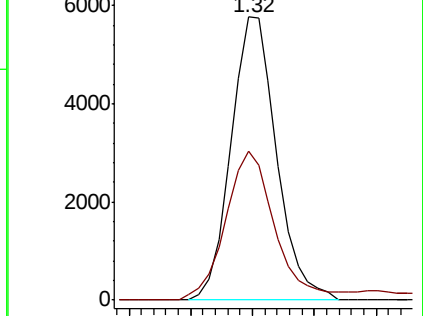
62 100

64 52.4 23.1 42.9#



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.00 (63.70 to 64.70): VV0



#6

Bromomethane

Concen: 2.320 ug/L

RT: 1.53 min Scan# 138

Delta R.T. 0.00 min

Lab File: VV018188.D

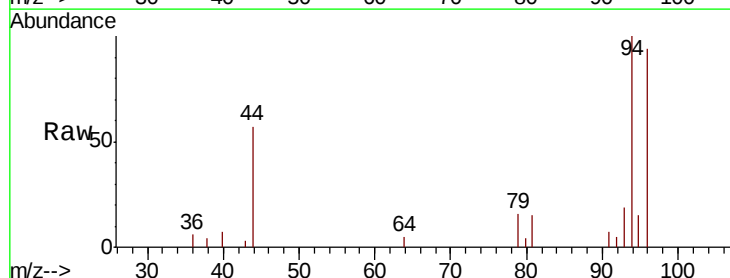
Acq: 10 Sep 2020 18:56

Tgt Ion: 94 Resp: 3365

Ion Ratio Lower Upper

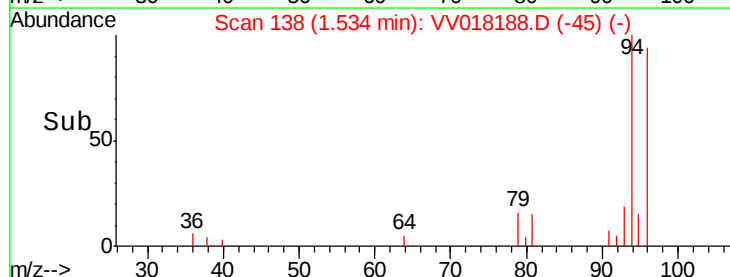
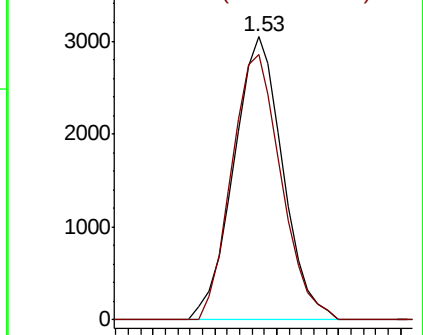
94 100

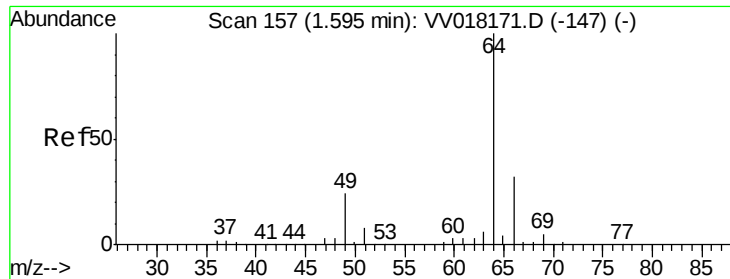
96 93.6 65.1 120.9



Abundance Ion 94.00 (93.70 to 94.70): VV0

Ion 96.00 (95.70 to 96.70): VV0

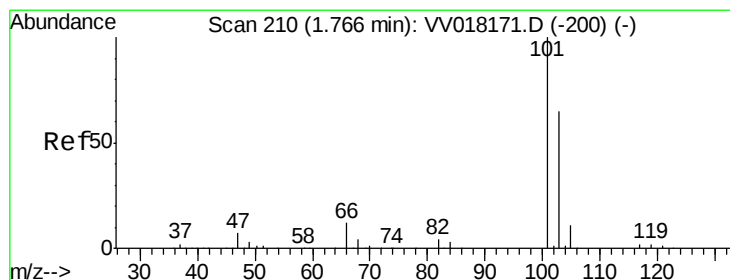
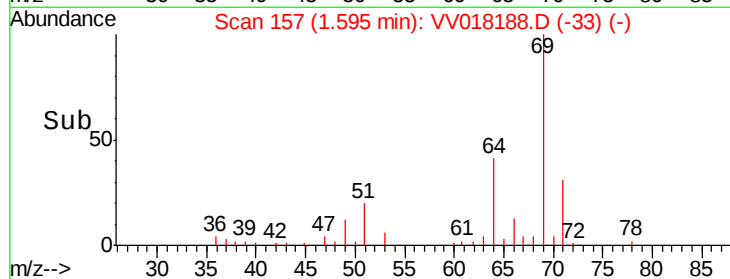
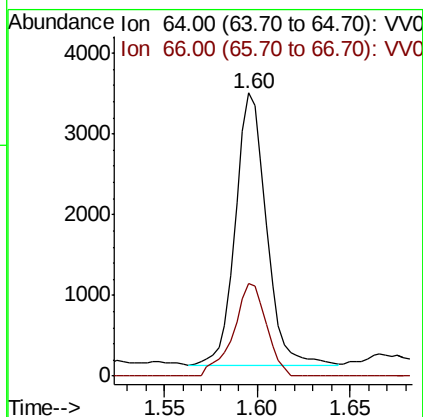
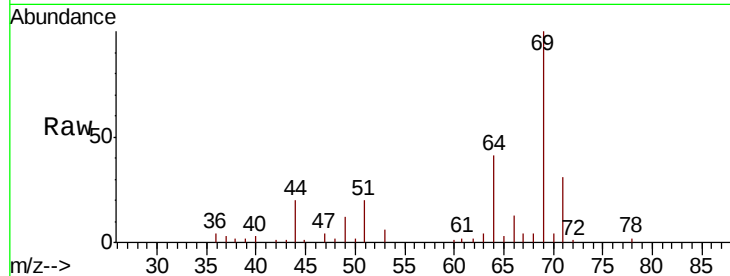




#8
Chloroethane
Concen: 2.622 ug/L
RT: 1.60 min Scan# 157
Delta R.T. 0.00 min
Lab File: VV018188.D
Acq: 10 Sep 2020 18:56

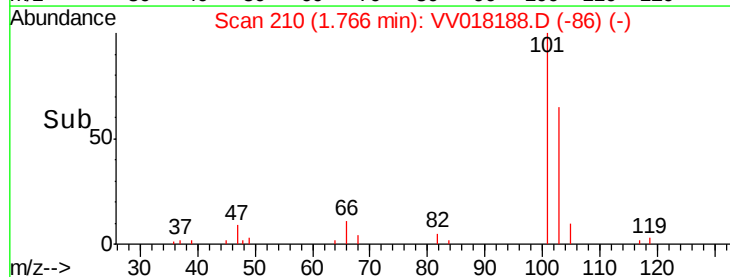
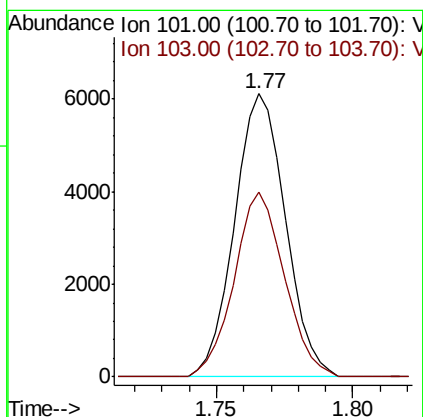
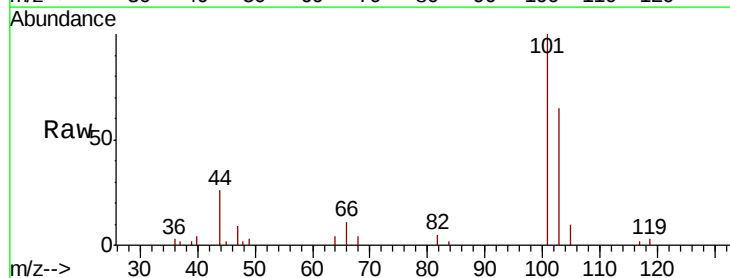
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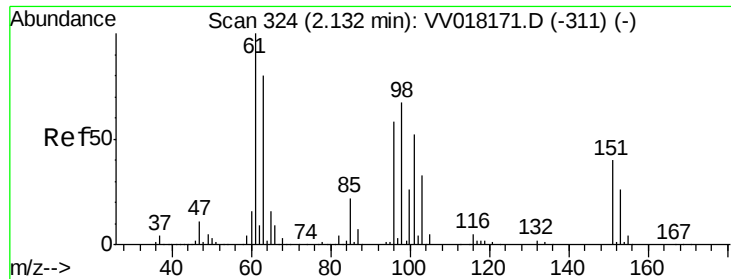
Tot Ion: 64 Resp: 3897
Ion Ratio Lower Upper
64 100
66 32.6 22.5 41.7



#9
Trichlorofluoromethane
Concen: 2.423 ug/L
RT: 1.77 min Scan# 210
Delta R.T. 0.00 min
Lab File: VV018188.D
Acq: 10 Sep 2020 18:56

Tgt Ion: 101 Resp: 7909
Ion Ratio Lower Upper
101 100
103 64.5 51.8 77.6





#10

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

Concen: 2.977 ug/L

RT: 2.13 min Scan# 324

Delta R.T. 0.00 min

Lab File: VV018188.D

Acq: 10 Sep 2020 18:56

Instrument :

MSVOA_V

ClientSampled :

MDL06

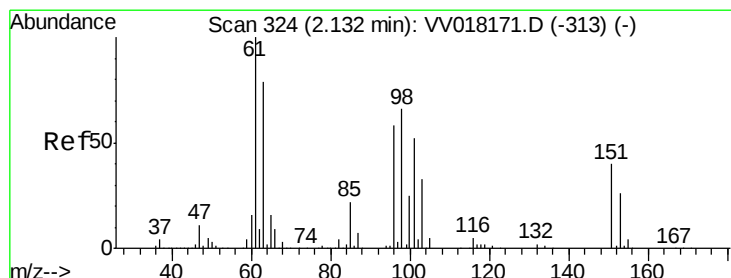
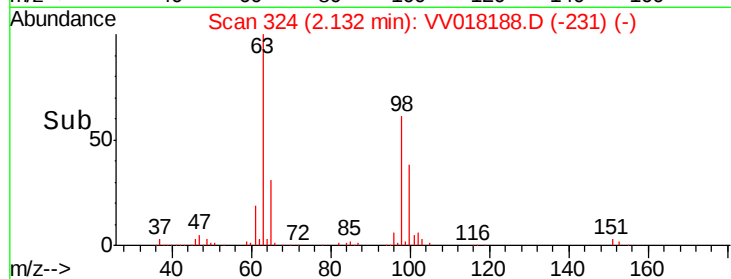
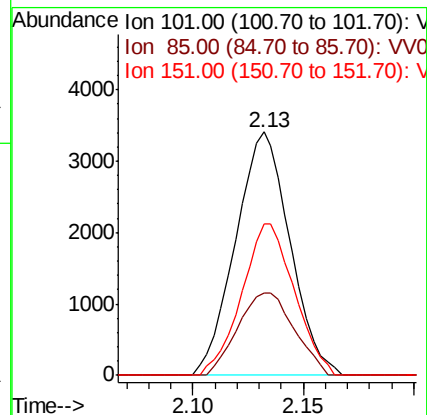
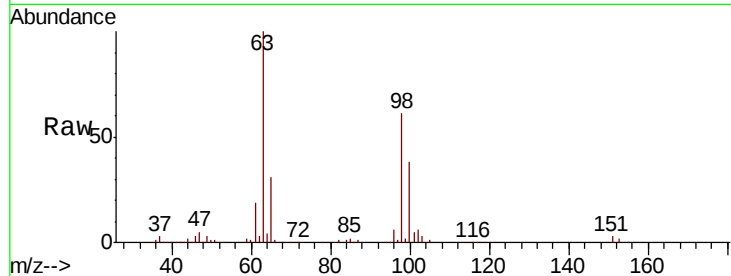
Tot Ion:101 Resp: 5838

Ion Ratio Lower Upper

101 100

85 35.0 33.5 50.3

151 60.1 62.2 93.2#



#12

1,1-Dichloroethene

Concen: 3.055 ug/L

RT: 2.13 min Scan# 324

Delta R.T. 0.00 min

Lab File: VV018188.D

Acq: 10 Sep 2020 18:56

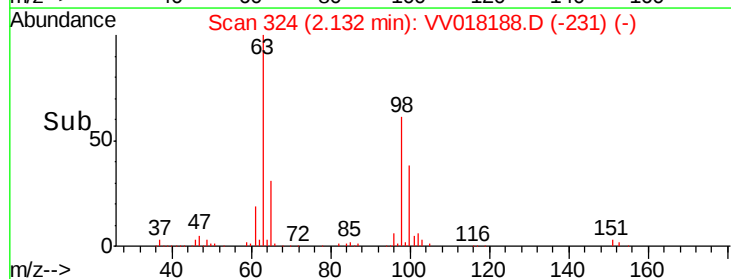
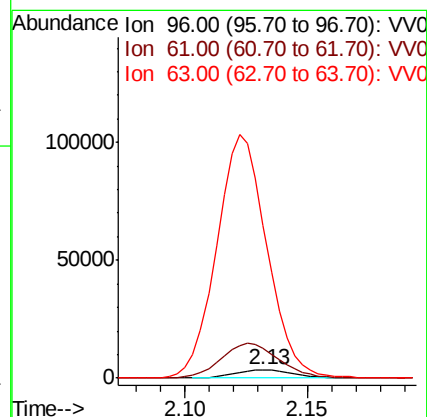
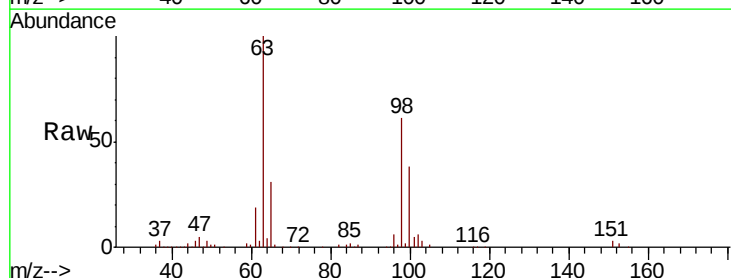
Tgt Ion: 96 Resp: 5829

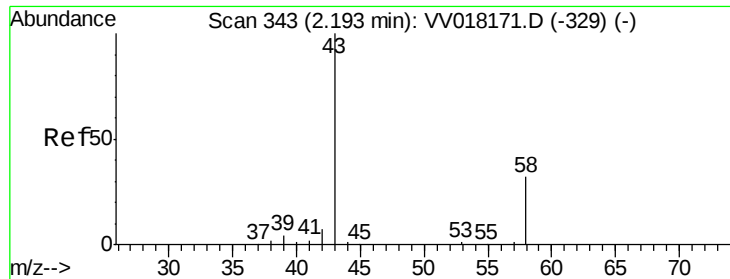
Ion Ratio Lower Upper

96 100

61 351.3 122.9 228.3#

63 1807.7 91.9 170.7#





#13

Acetone

Concen: 3.959 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.00 min

Lab File: VV018188.D

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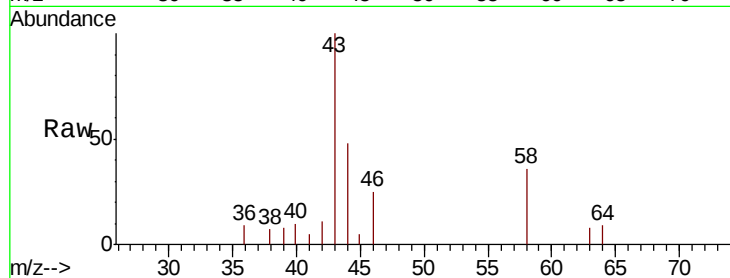
MDL06

Tot Ion: 43 Resp: 4596

Ion Ratio Lower Upper

43 100

58 36.7 0.0 67.4



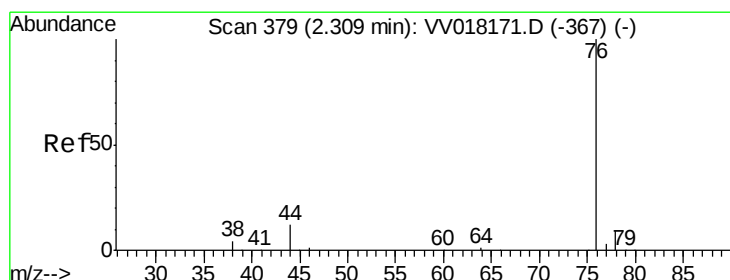
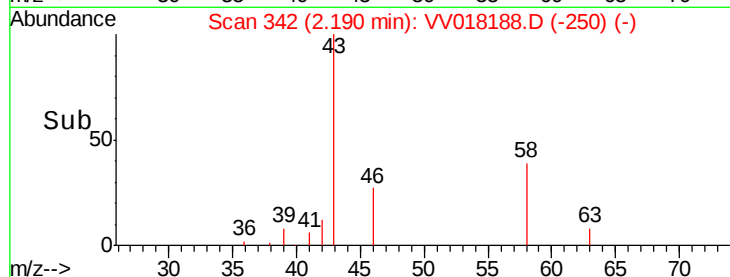
Abundance Ion 43.00 (42.70 to 43.70): VV018171.D (-329) (-)

Ion 58.00 (57.70 to 58.70): VV018171.D (-329) (-)

2.19

2.15 2.20 2.25

Time-->



#14

Carbon disulfide

Concen: 2.251 ug/L

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VV018188.D

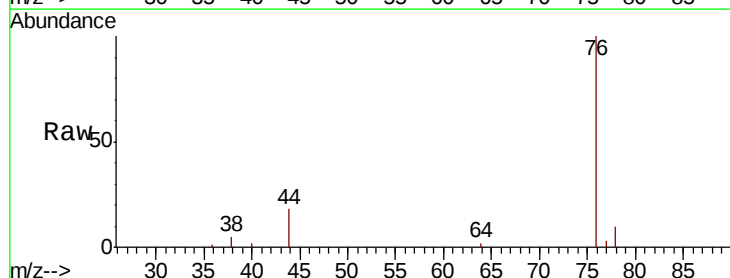
Acq: 10 Sep 2020 18:56

Tgt Ion: 76 Resp: 13143

Ion Ratio Lower Upper

76 100

78 9.8 7.3 10.9



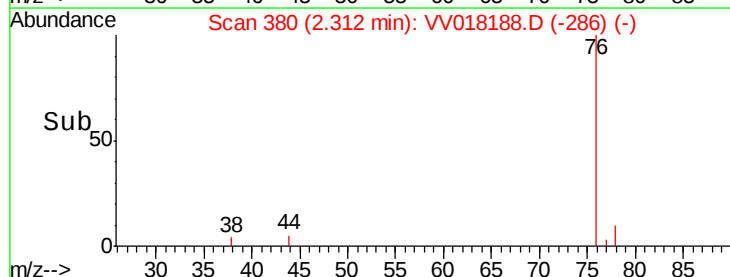
Abundance Ion 76.00 (75.70 to 76.70): VV018171.D (-367) (-)

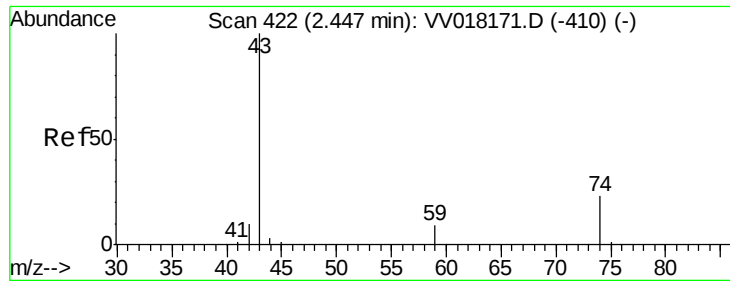
Ion 78.00 (77.70 to 78.70): VV018171.D (-367) (-)

2.31

2.25 2.30 2.35

Time-->

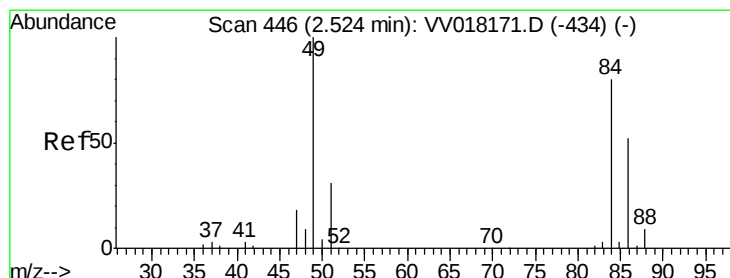
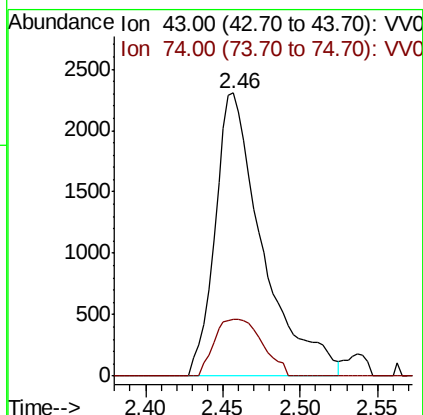
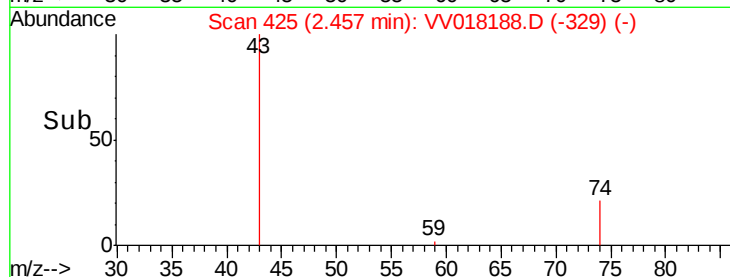
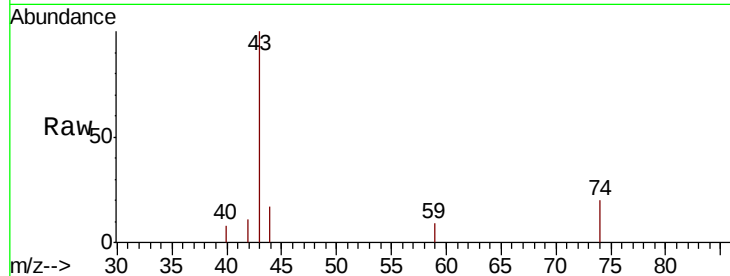




#15
Methvl Acetate
Concen: 2.362 ug/L
RT: 2.46 min Scan# 425
Delta R.T. 0.01 min
Lab File: VV018188.D
Acq: 10 Sep 2020 18:56

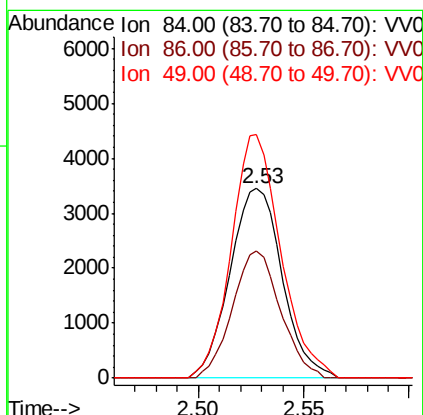
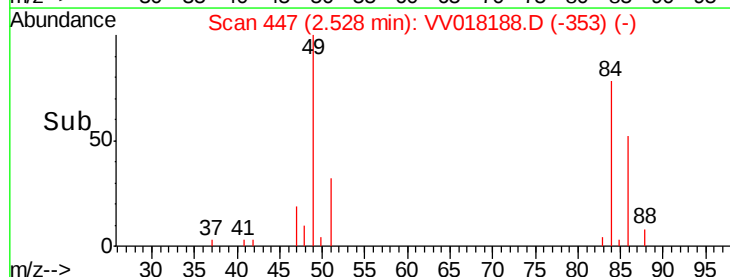
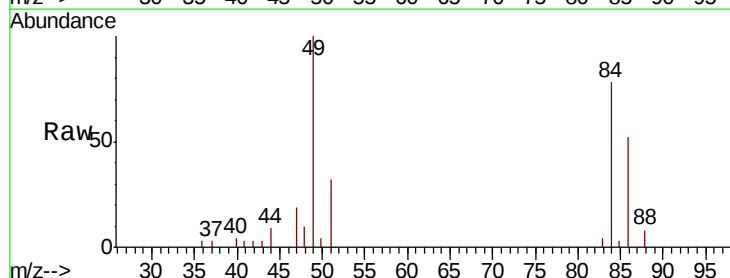
Instrument :
MSVOA_V
ClientSampled :
MDL06

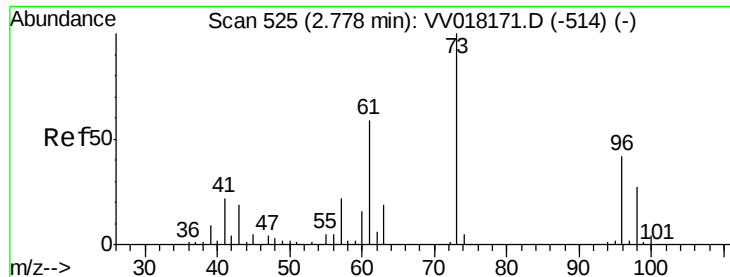
Tot Ion: 43 Resp: 4928
Ion Ratio Lower Upper
43 100
74 20.3 18.4 27.6



#16
Methylene chloride
Concen: 2.774 ug/L
RT: 2.53 min Scan# 447
Delta R.T. 0.00 min
Lab File: VV018188.D
Acq: 10 Sep 2020 18:56

Tgt Ion: 84 Resp: 5936
Ion Ratio Lower Upper
84 100
86 67.3 44.4 82.4
49 128.6 87.2 162.0

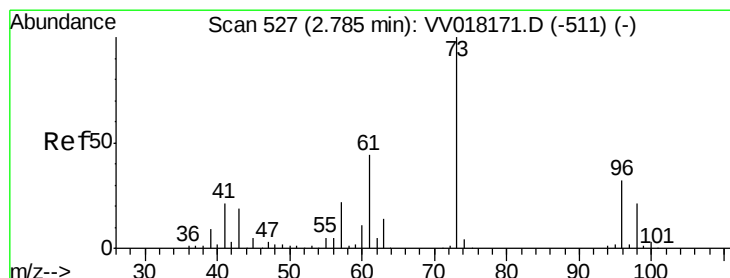
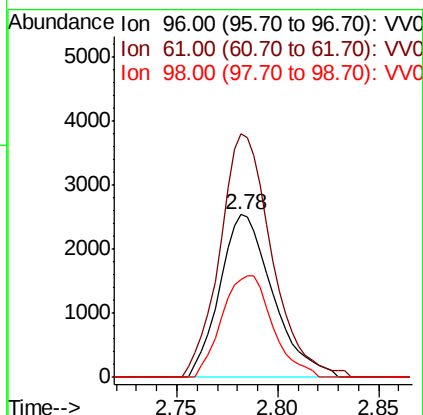
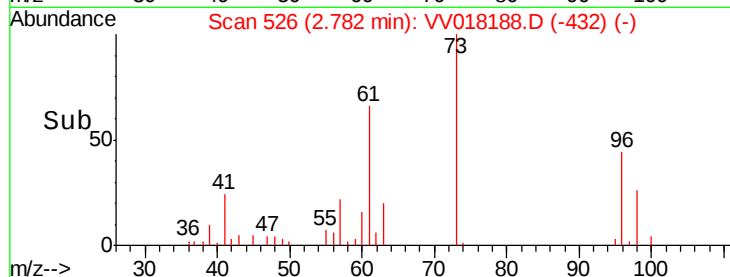
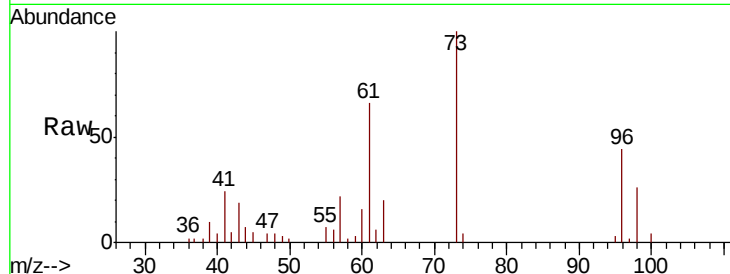




#17
trans-1,2-Dichloroethene
Concen: 2.373 ug/L
RT: 2.78 min Scan# 526
Delta R.T. 0.00 min
Lab File: VV018188.D
Acq: 10 Sep 2020 18:56

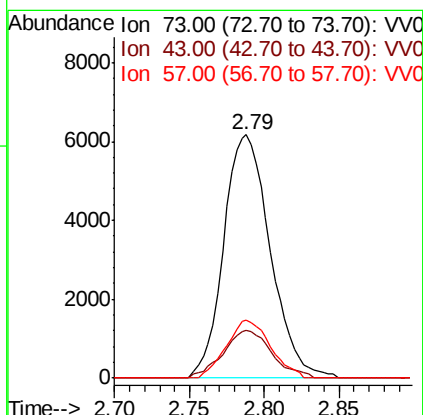
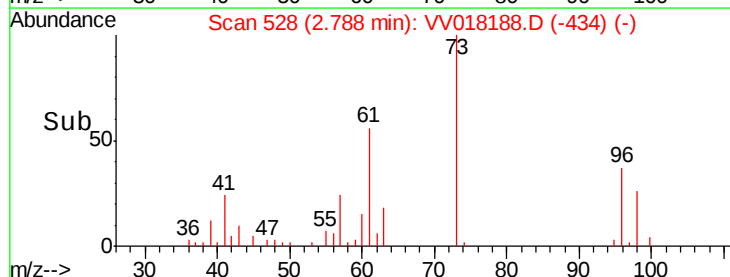
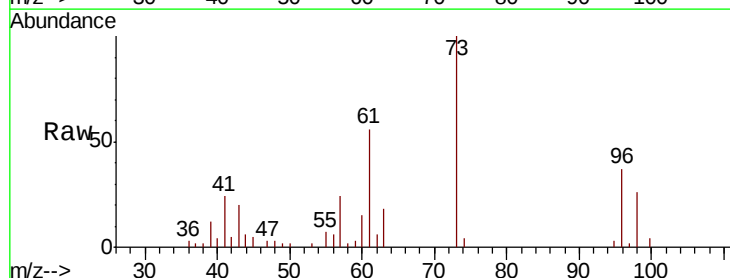
Instrument :
MSVOA_V
ClientSampled :
MDL06

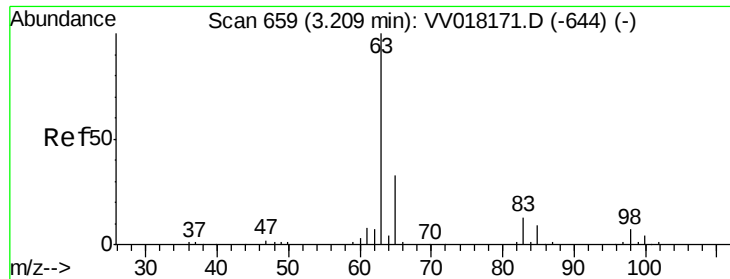
Tot Ion: 96 Resp: 4667
Ion Ratio Lower Upper
96 100
61 149.5 100.7 186.9
98 60.1 45.2 84.0



#18
Methyl tert-butyl Ether
Concen: 2.200 ug/L
RT: 2.79 min Scan# 528
Delta R.T. 0.00 min
Lab File: VV018188.D
Acq: 10 Sep 2020 18:56

Tgt Ion: 73 Resp: 13381
Ion Ratio Lower Upper
73 100
43 20.5 15.4 23.0
57 22.6 18.0 27.0

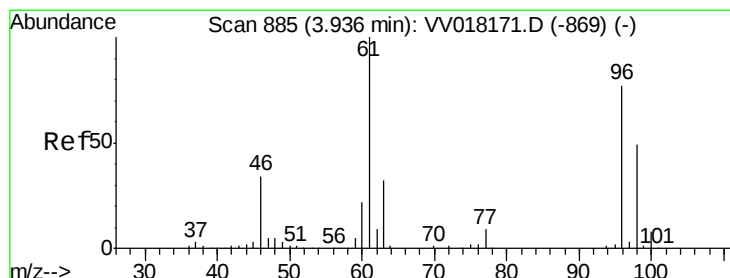
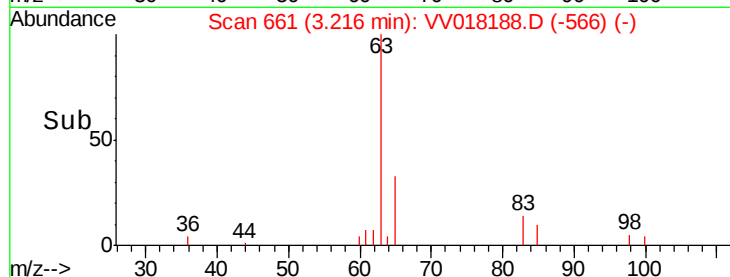
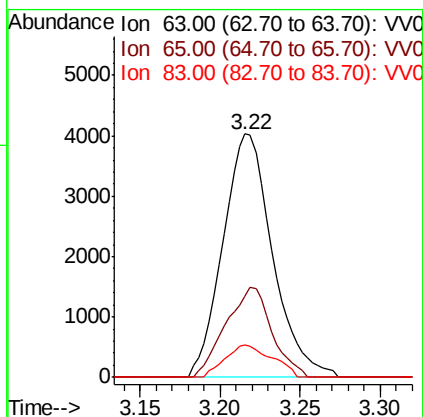
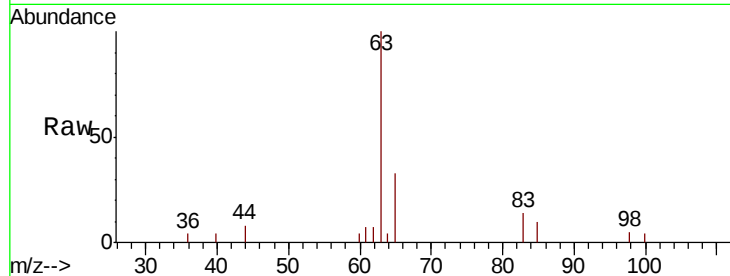




#19
 1,1-Dichloroethane
 Concen: 2.299 ug/L
 RT: 3.22 min Scan# 661
 Delta R.T. 0.01 min
 Lab File: VV018188.D
 Acq: 10 Sep 2020 18:56

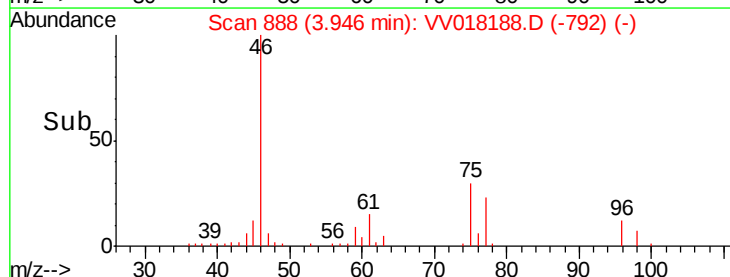
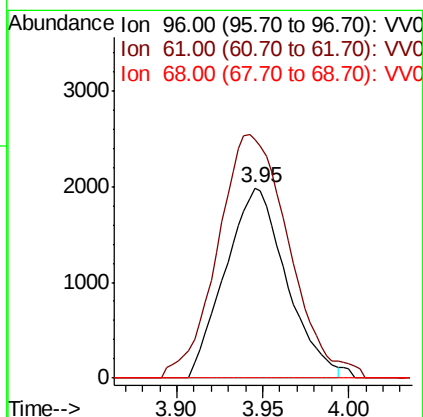
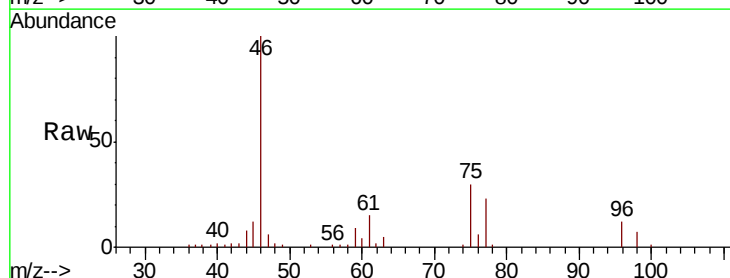
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL06

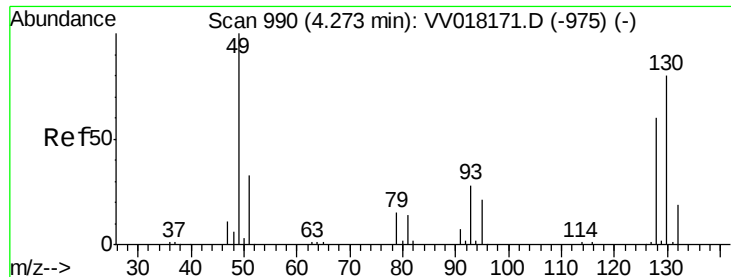
Tot Ion: 63 Resp: 8547
 Ion Ratio Lower Upper
 63 100
 65 33.3 22.5 41.7
 83 13.6 9.3 17.3



#20
 cis-1,2-Dichloroethene
 Concen: 2.334 ug/L
 RT: 3.95 min Scan# 888
 Delta R.T. 0.01 min
 Lab File: VV018188.D
 Acq: 10 Sep 2020 18:56

Tgt Ion: 96 Resp: 4906
 Ion Ratio Lower Upper
 96 100
 61 125.5 93.6 173.8
 68 0.0 0.0 0.0

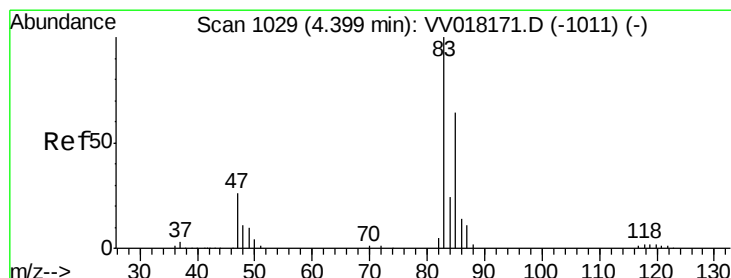
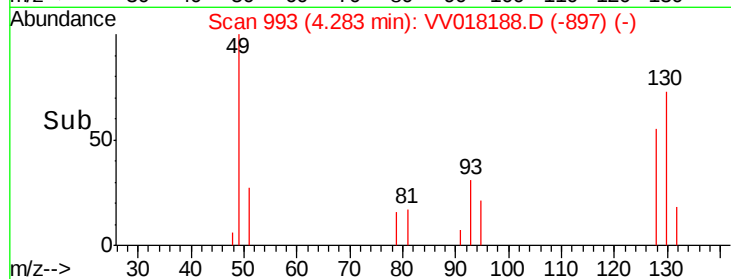
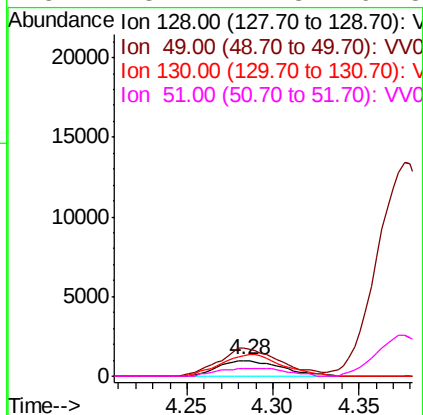
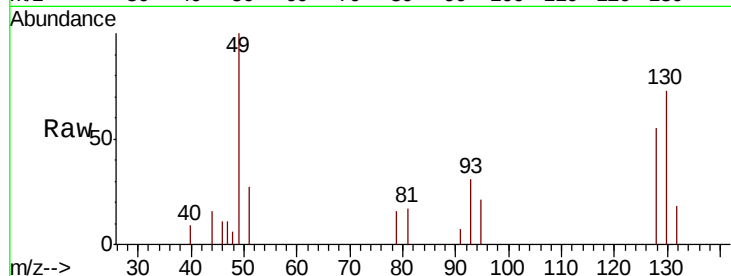




#23
 Bromochloromethane
 Concen: 2.339 ug/L
 RT: 4.28 min Scan# 993
 Delta R.T. 0.01 min
 Lab File: VV018188.D
 Acq: 10 Sep 2020 18:56

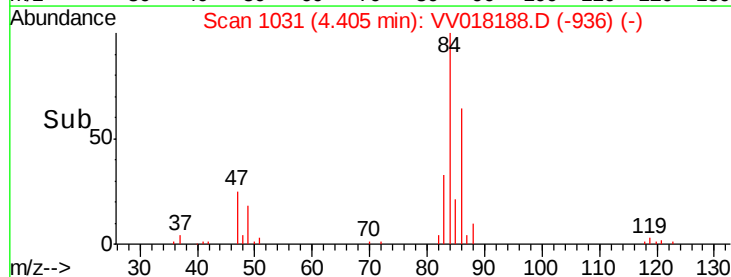
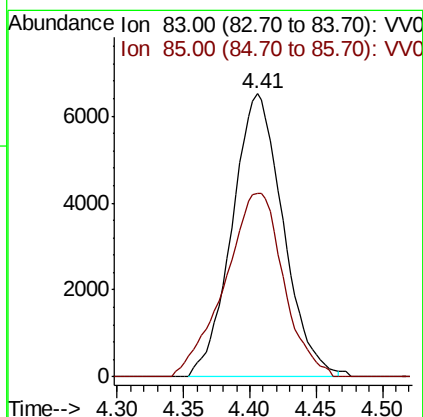
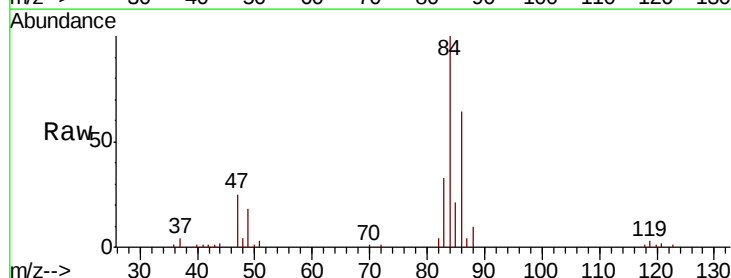
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL06

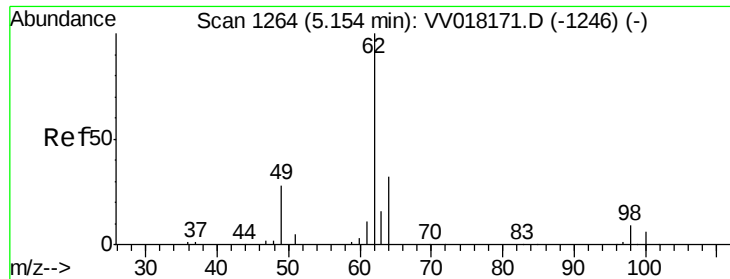
Tot Ion:	128	Resp:	2572
Ion	Ratio	Lower	Upper
128	100		
49	180.8	114.4	212.6
130	131.5	87.9	163.3
51	48.1	41.8	62.8



#25
 Chloroform
 Concen: 4.611 ug/L
 RT: 4.41 min Scan# 1031
 Delta R.T. 0.01 min
 Lab File: VV018188.D
 Acq: 10 Sep 2020 18:56

Tgt Ion:	83	Resp:	17425
Ion	Ratio	Lower	Upper
83	100		
85	64.8	45.0	83.6

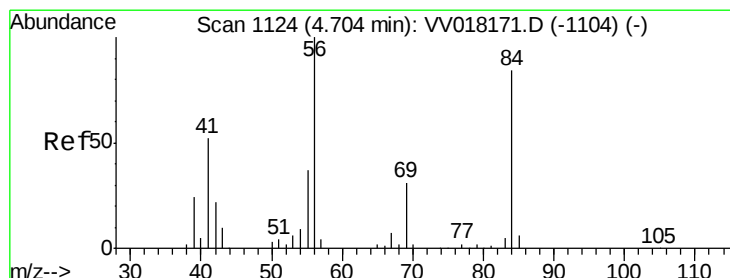
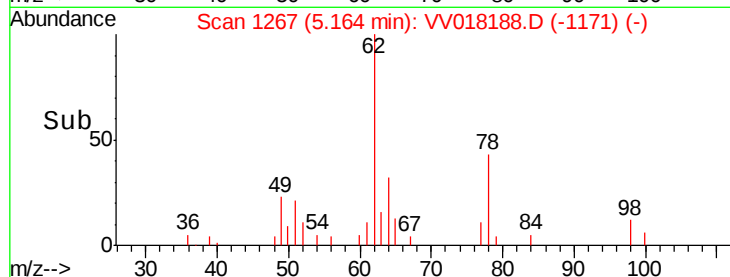
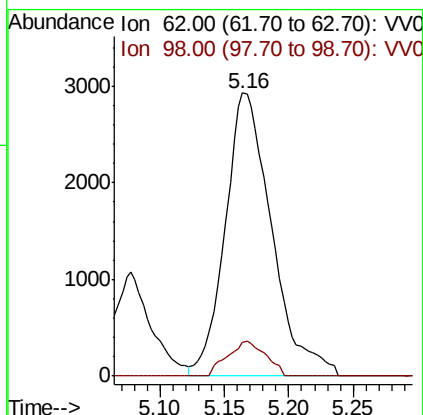
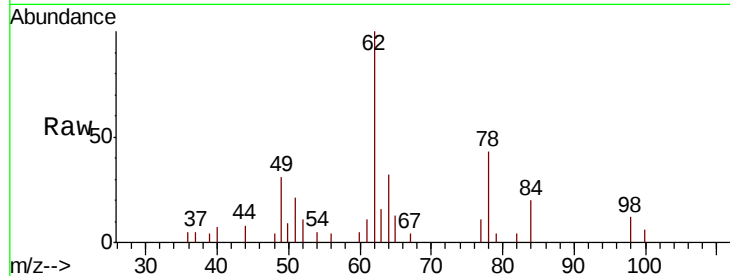




#27
 1,2-Dichloroethane
 Concen: 2.512 ug/L
 RT: 5.16 min Scan# 1267
 Delta R.T. 0.01 min
 Lab File: VV018188.D
 Acq: 10 Sep 2020 18:56

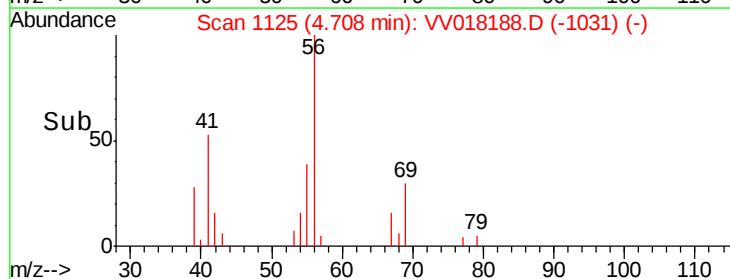
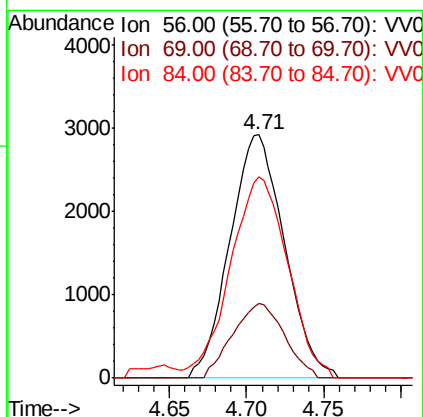
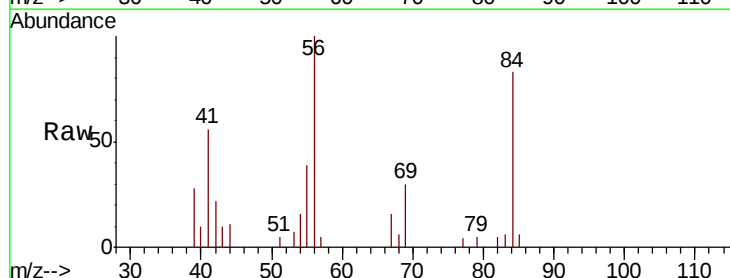
Instrument :
 MSVOA_V
 ClientSampled :
 MDL06

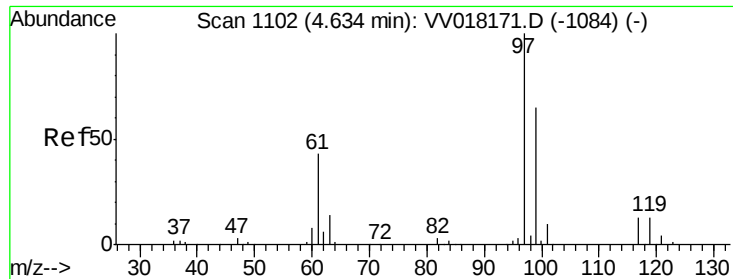
Tot Ion: 62 Resp: 7349
 Ion Ratio Lower Upper
 62 100
 98 11.7 7.6 11.4#



#29
 Cyclohexane
 Concen: 2.160 ug/L
 RT: 4.71 min Scan# 1125
 Delta R.T. 0.00 min
 Lab File: VV018188.D
 Acq: 10 Sep 2020 18:56

Tgt Ion: 56 Resp: 7176
 Ion Ratio Lower Upper
 56 100
 69 29.1 24.2 36.2
 84 86.7 68.3 102.5

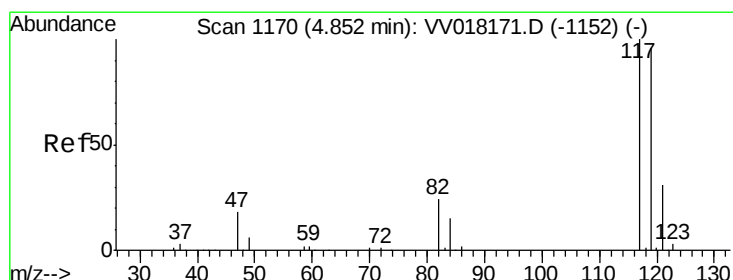
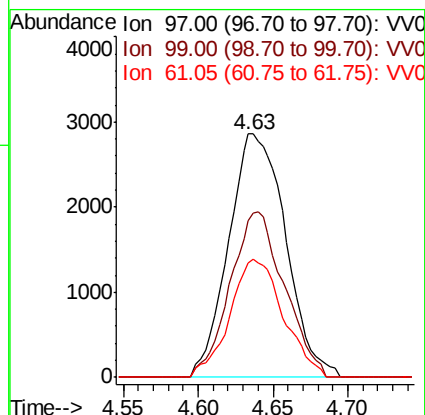
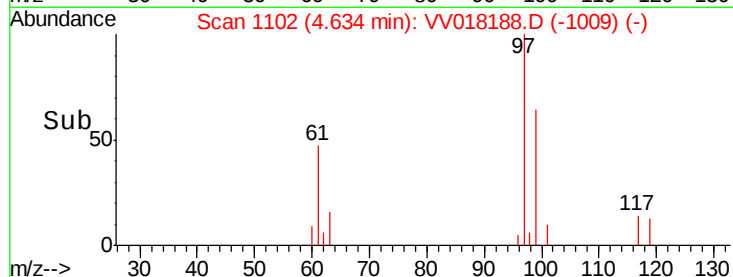
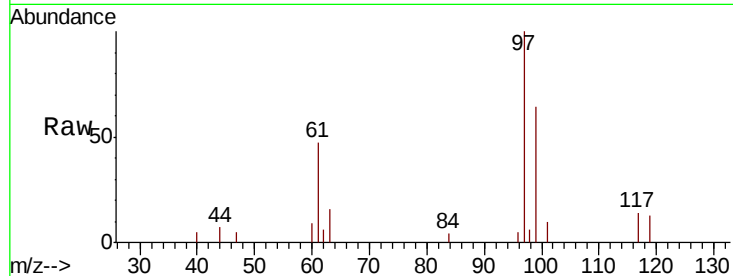




#30
 1,1,1-Trichloroethane
 Concen: 2.275 ug/L
 RT: 4.63 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: VV018188.D
 Acq: 10 Sep 2020 18:56

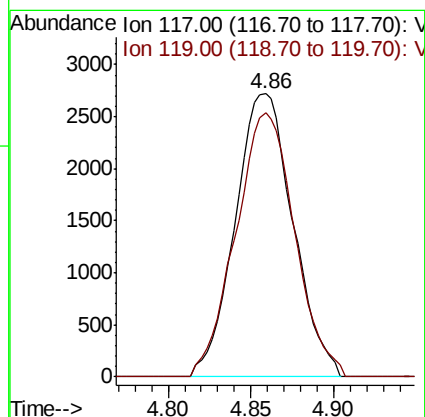
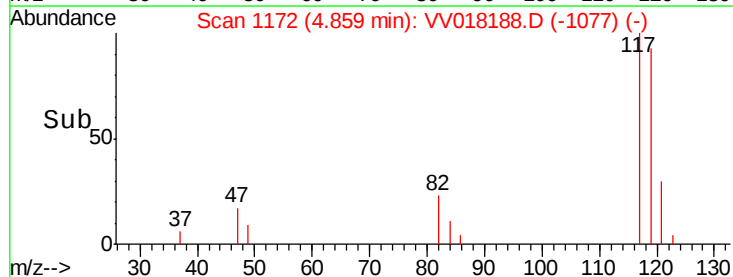
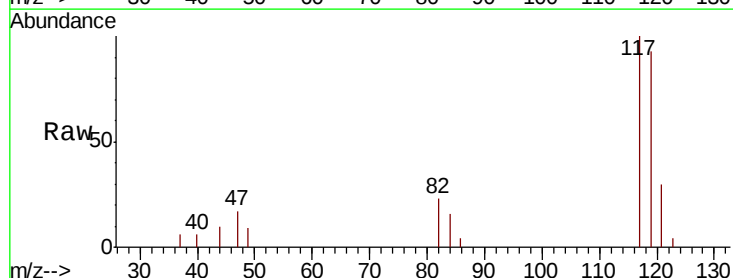
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL06

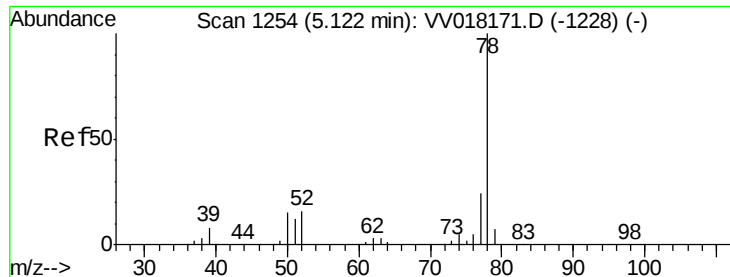
Tot Ion: 97 Resp: 7596
 Ion Ratio Lower Upper
 97 100
 99 64.5 51.6 77.4
 61 45.4 34.9 52.3



#31
 Carbon tetrachloride
 Concen: 2.247 ug/L
 RT: 4.86 min Scan# 1172
 Delta R.T. 0.01 min
 Lab File: VV018188.D
 Acq: 10 Sep 2020 18:56

Tgt Ion: 117 Resp: 6596
 Ion Ratio Lower Upper
 117 100
 119 95.1 75.7 113.5





#33

Benzene

Concen: 2.394 ug/L

RT: 5.13 min Scan# 1256

Delta R.T. 0.01 min

Lab File: VV018188.D

Acq: 10 Sep 2020 18:56

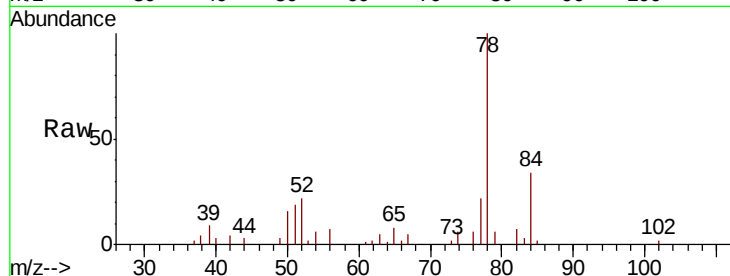
Instrument :

MSVOA_V

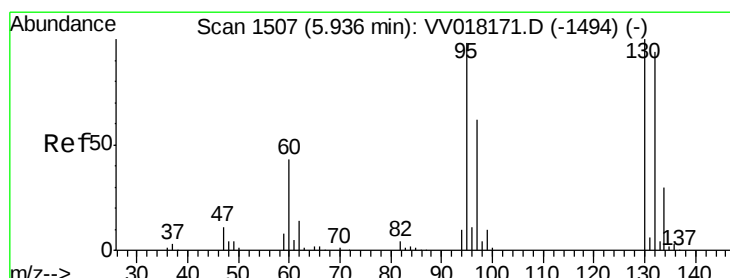
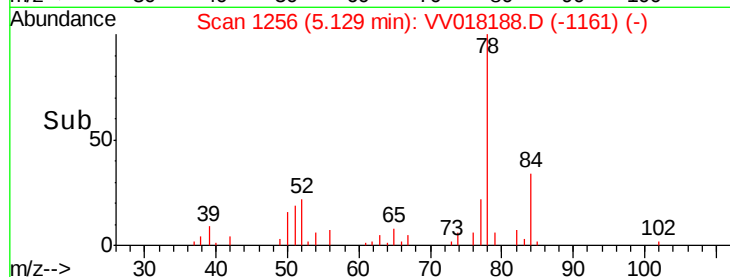
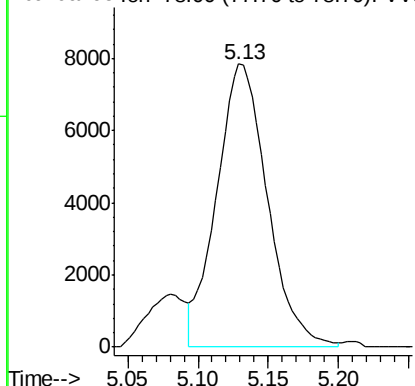
ClientSampleId :

MDL06

Tgt Ion: 78 Resp: 19689



Abundance Ion 78.00 (77.70 to 78.70): VV0



#34

Trichloroethene

Concen: 2.599 ug/L

RT: 5.95 min Scan# 1510

Delta R.T. 0.01 min

Lab File: VV018188.D

Acq: 10 Sep 2020 18:56

Tgt Ion: 95 Resp: 5823

Ion	Ratio	Lower	Upper
95	100		
97	58.9	46.3	85.9
132	88.0	68.1	126.5
130	96.8	71.5	132.9

95 100

97 58.9 46.3 85.9

132 88.0 68.1 126.5

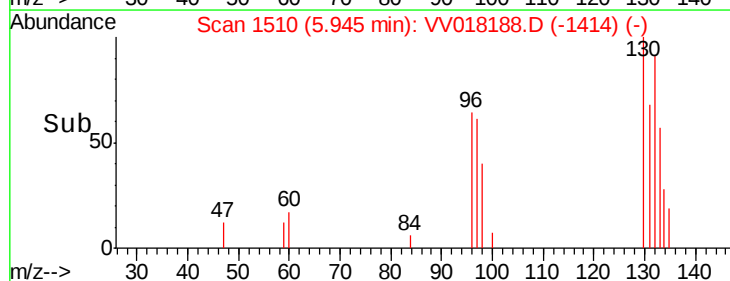
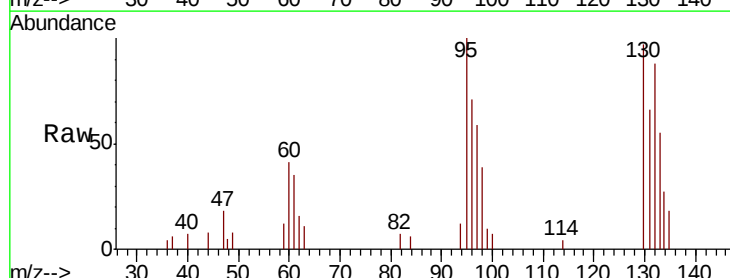
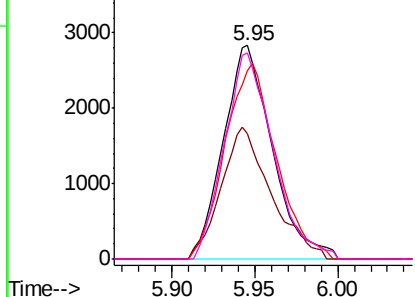
130 96.8 71.5 132.9

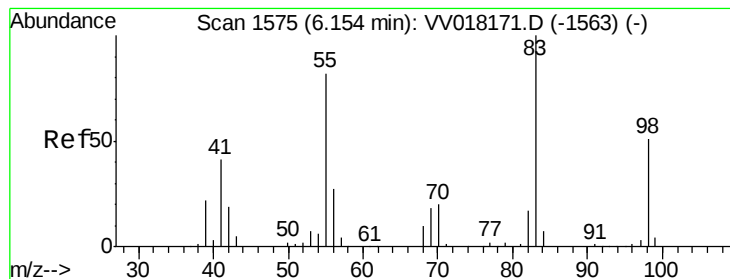
Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): VV0

Ion 130.00 (129.70 to 130.70): VV0





#35

Methvlcvclohexane

Concen: 2.158 ug/L

RT: 6.15 min Scan# 1575

Delta R.T. 0.00 min

Lab File: VV018188.D

Acq: 10 Sep 2020 18:56

Instrument :

MSVOA_V

ClientSampled :

MDL06

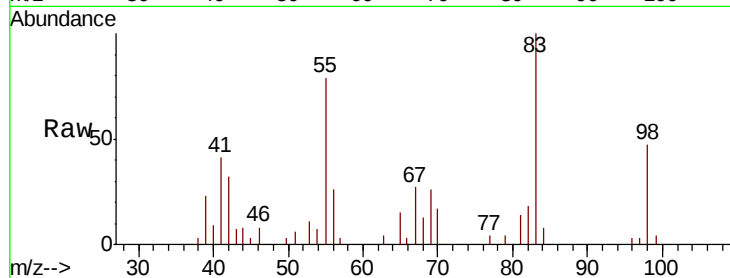
Tot Ion: 83 Resp: 7279

Ion Ratio Lower Upper

83 100

55 84.6 63.4 95.2

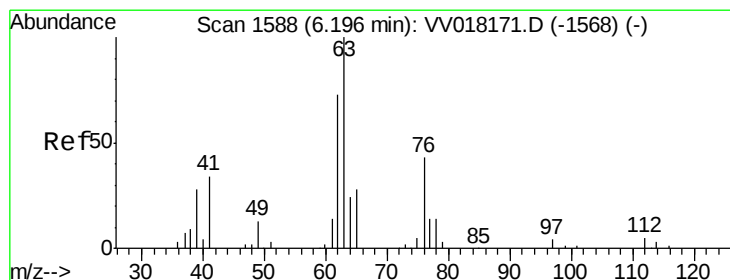
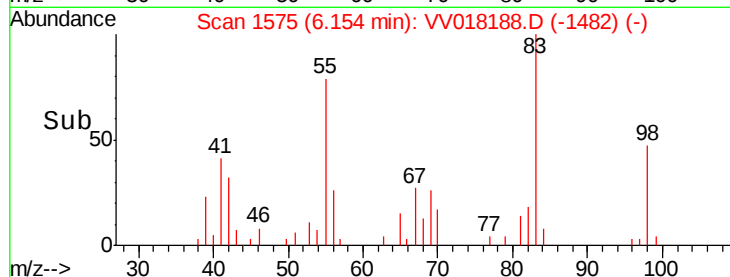
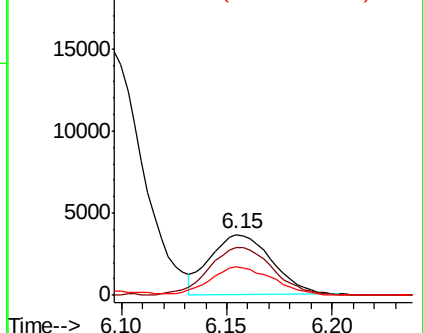
98 49.6 38.8 58.2



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



#37

1,2-Dichloropropane

Concen: 2.407 ug/L

RT: 6.20 min Scan# 1590

Delta R.T. 0.01 min

Lab File: VV018188.D

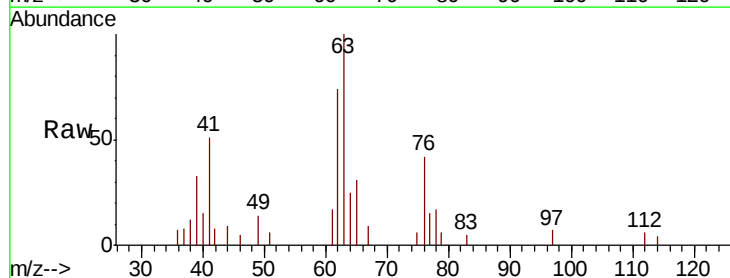
Acq: 10 Sep 2020 18:56

Tgt Ion: 63 Resp: 5245

Ion Ratio Lower Upper

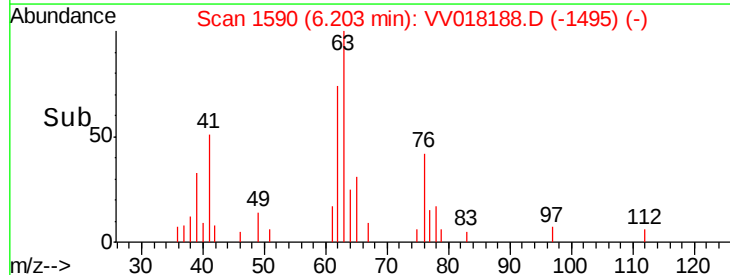
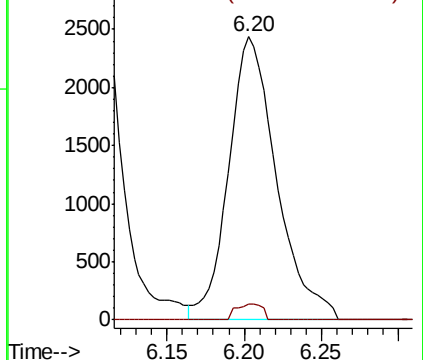
63 100

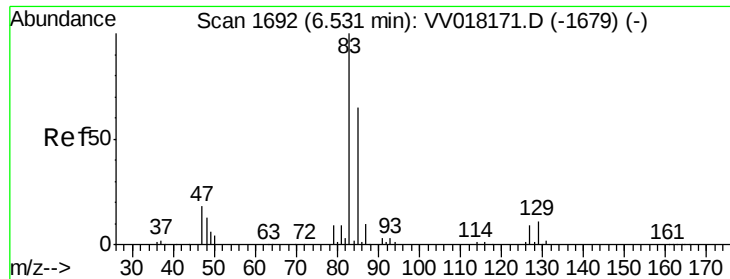
112 2.2 3.4 5.2#



Abundance Ion 63.00 (62.70 to 63.70): VV0

Ion 112.00 (111.70 to 112.70): V

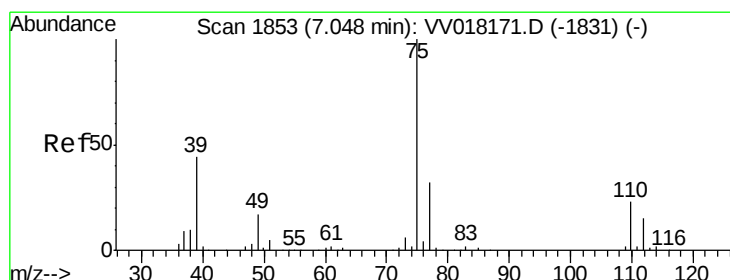
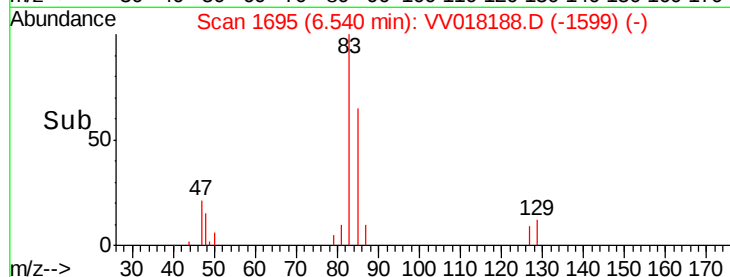
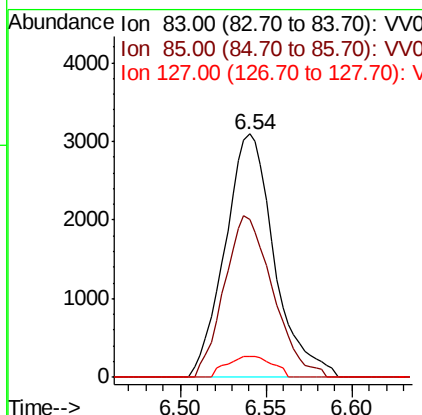
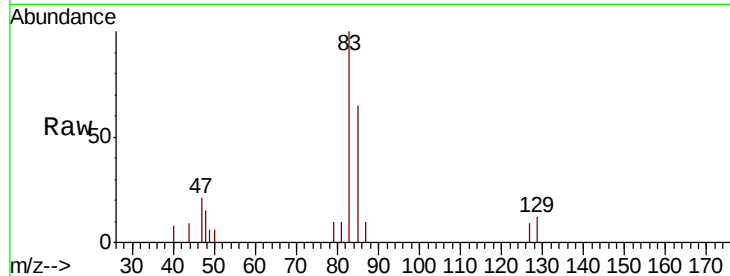




#38
 Bromodichloromethane
 Concen: 2.178 ug/L
 RT: 6.54 min Scan# 1695
 Delta R.T. 0.01 min
 Lab File: VV018188.D
 Acq: 10 Sep 2020 18:56

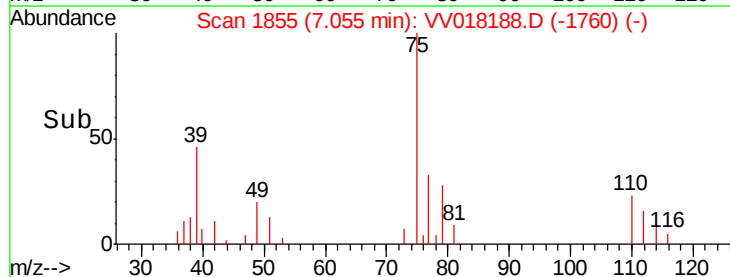
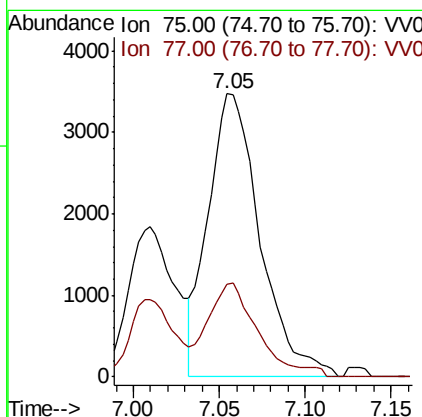
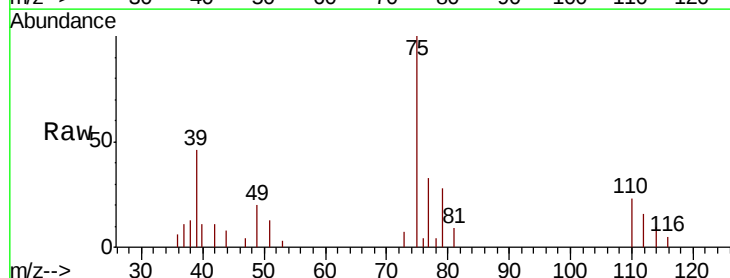
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL06

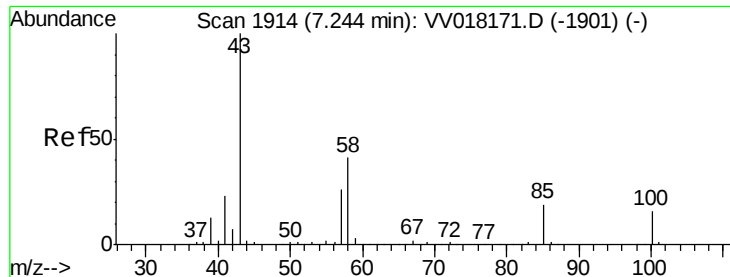
Tot Ion: 83 Resp: 6177
 Ion Ratio Lower Upper
 83 100
 85 64.8 44.7 82.9
 127 8.7 6.7 10.1



#39
 cis-1,3-Dichloropropene
 Concen: 2.182 ug/L
 RT: 7.05 min Scan# 1855
 Delta R.T. 0.01 min
 Lab File: VV018188.D
 Acq: 10 Sep 2020 18:56

Tgt Ion: 75 Resp: 7326
 Ion Ratio Lower Upper
 75 100
 77 32.7 22.3 41.3

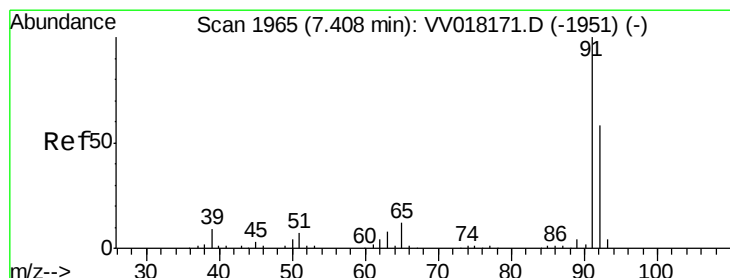
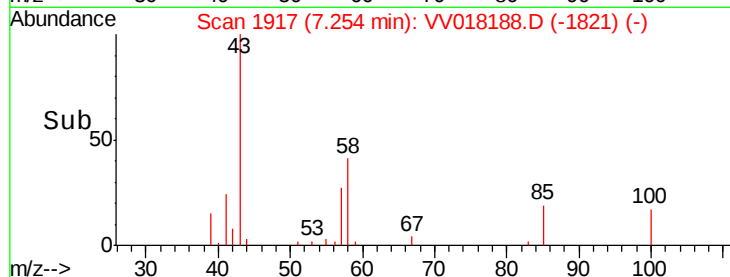
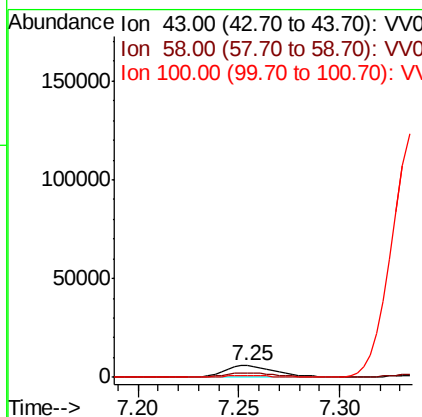
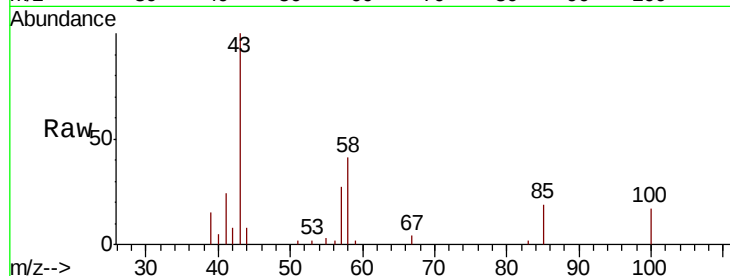




#40
4-Methyl-2-pentanone
Concen: 4.005 ug/L
RT: 7.25 min Scan# 1917
Delta R.T. 0.01 min
Lab File: VV018188.D
Acq: 10 Sep 2020 18:56

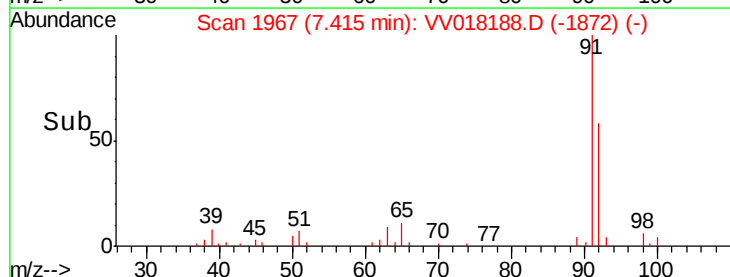
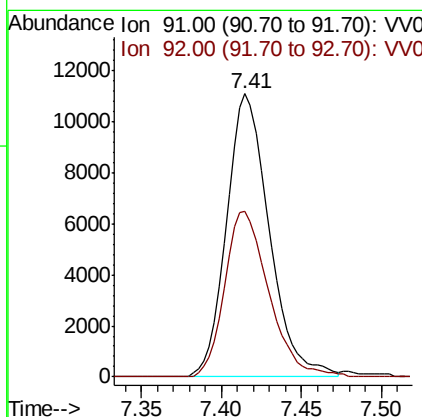
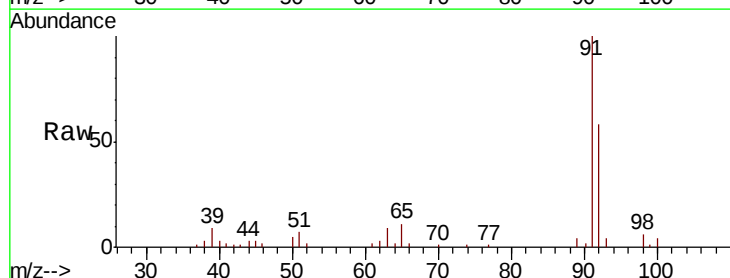
Instrument :
MSVOA_V
ClientSampleId :
MDL06

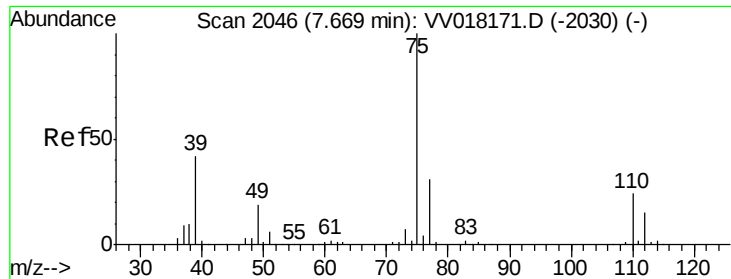
Tot Ion: 43 Resp: 10588
Ion Ratio Lower Upper
43 100
58 40.8 32.4 48.6
100 15.8 12.7 19.1



#42
Toluene
Concen: 2.323 ug/L
RT: 7.41 min Scan# 1967
Delta R.T. 0.01 min
Lab File: VV018188.D
Acq: 10 Sep 2020 18:56

Tgt Ion: 91 Resp: 20216
Ion Ratio Lower Upper
91 100
92 58.4 40.7 75.5

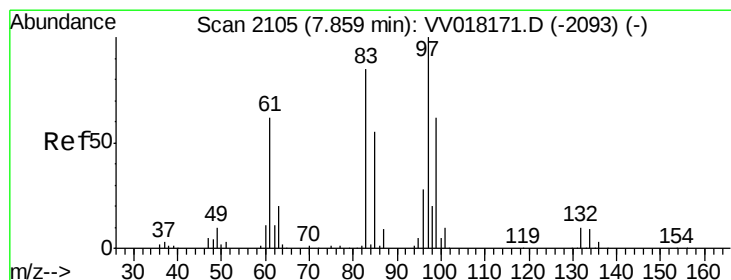
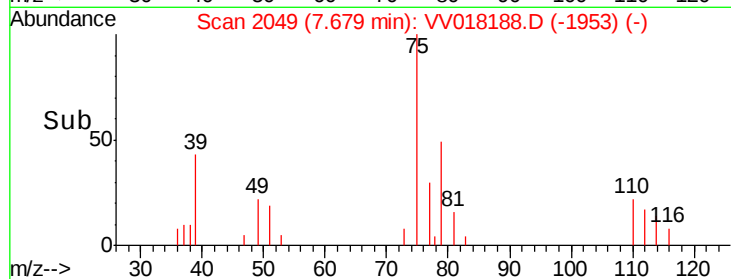
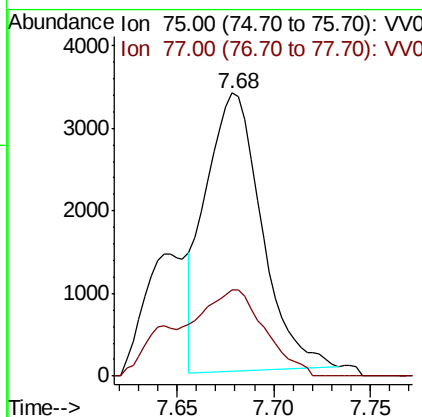
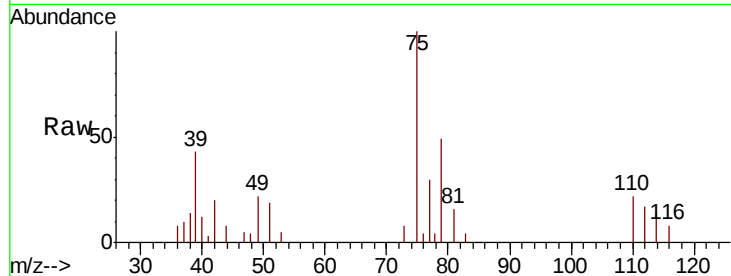




#44
trans-1,3-Dichloropropene
Concen: 2.065 ug/L
RT: 7.68 min Scan# 2049
Delta R.T. 0.01 min
Lab File: VV018188.D
Acq: 10 Sep 2020 18:56

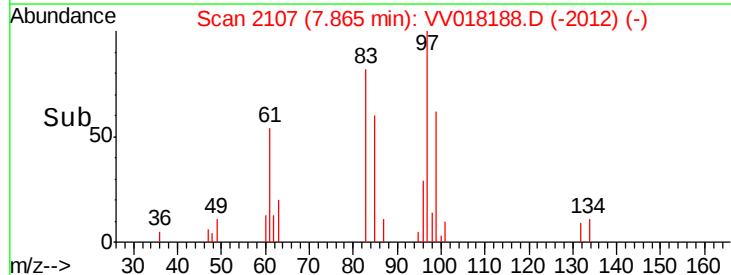
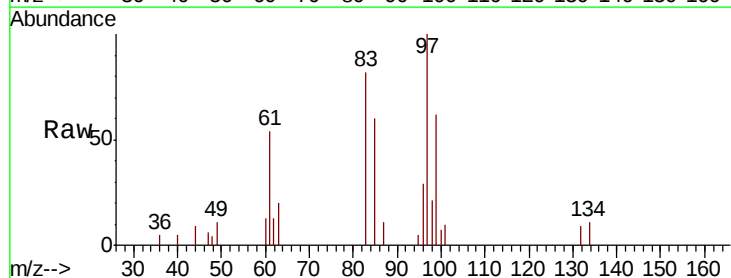
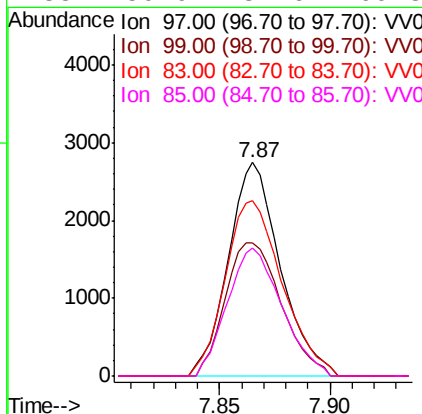
Instrument :
MSVOA_V
ClientSampleId :
MDL06

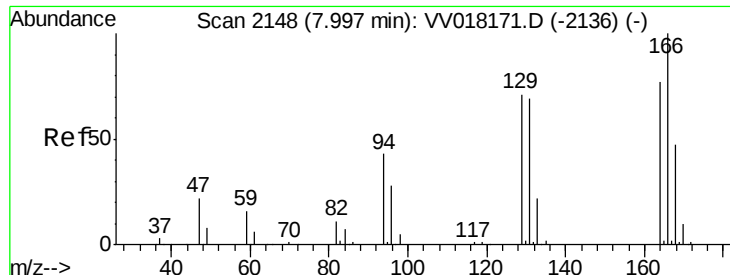
Tot Ion: 75 Resp: 6753
Ion Ratio Lower Upper
75 100
77 30.3 22.3 41.5



#45
1,1,2-Trichloroethane
Concen: 2.231 ug/L
RT: 7.87 min Scan# 2107
Delta R.T. 0.01 min
Lab File: VV018188.D
Acq: 10 Sep 2020 18:56

Tgt Ion: 97 Resp: 4507
Ion Ratio Lower Upper
97 100
99 62.3 43.7 81.1
83 81.9 59.9 111.3
85 59.9 37.6 69.8





#46

Tetrachloroethene

Concen: 2.286 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. 0.00 min

Lab File: VV018188.D

Acq: 10 Sep 2020 18:56

Instrument :

MSVOA_V

ClientSampleId :

MDL06

Tot Ion:164 Resp: 4015

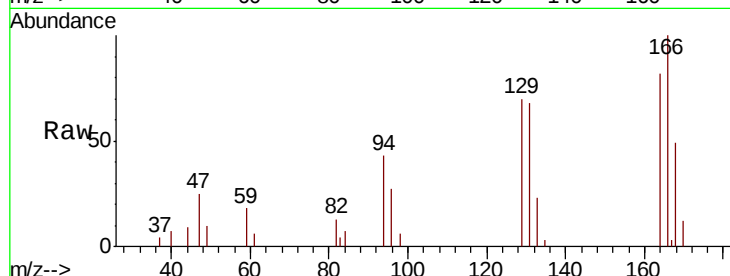
Ion Ratio Lower Upper

164 100

129 85.4 64.5 119.7

131 83.2 61.8 114.8

166 122.1 90.6 168.2

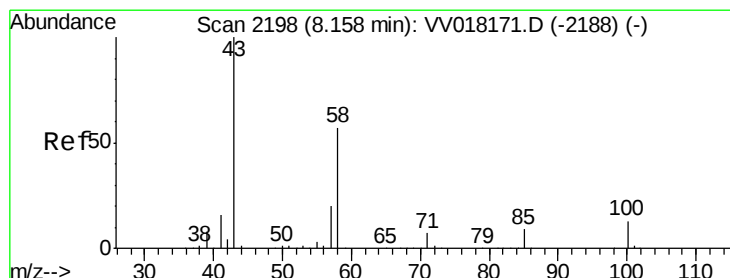
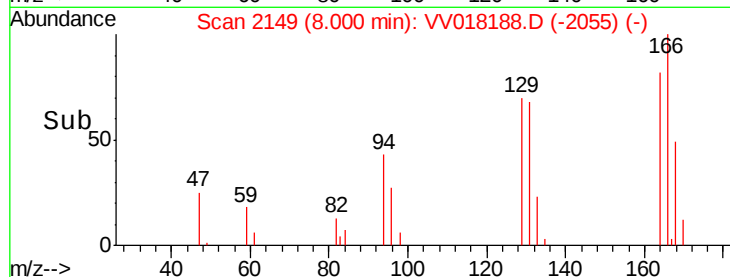
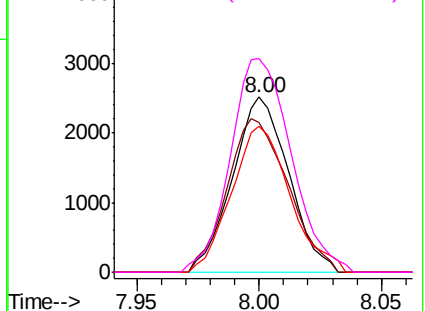


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#48

2-Hexanone

Concen: 8.248 ug/L

RT: 8.16 min Scan# 2200

Delta R.T. 0.01 min

Lab File: VV018188.D

Acq: 10 Sep 2020 18:56

Tgt Ion: 43 Resp: 17193

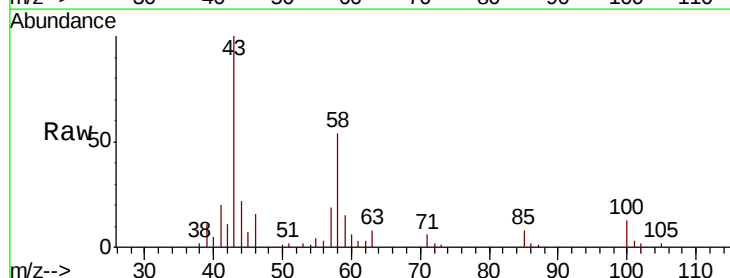
Ion Ratio Lower Upper

43 100

58 55.5 44.8 67.2

57 15.4 15.8 23.6#

100 11.4 10.2 15.4

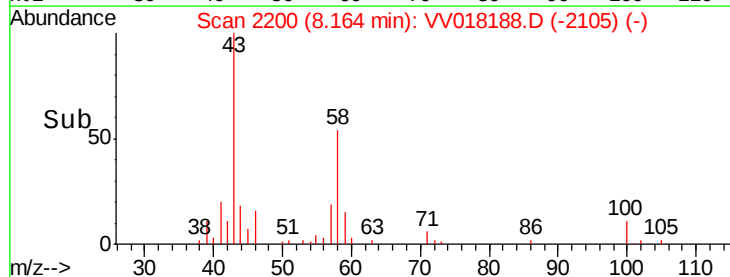
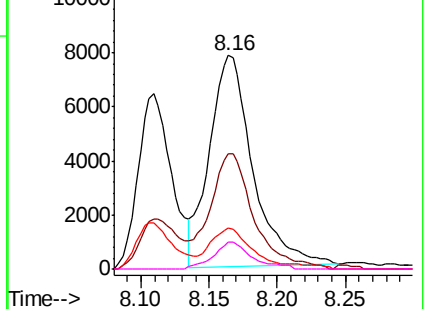


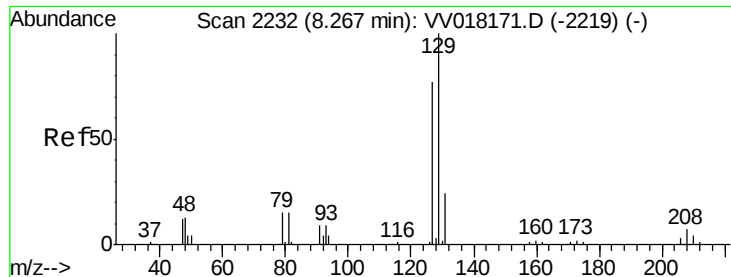
Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

Ion 57.00 (56.70 to 57.70): VV0

Ion 100.00 (99.70 to 100.70): VV0





#49

Dibromochloromethane

Concen: 2.138 ug/L

RT: 8.27 min Scan# 2233

Delta R.T. 0.00 min

Lab File: VV018188.D

Acq: 10 Sep 2020 18:56

Instrument :

MSVOA_V

ClientSampleId :

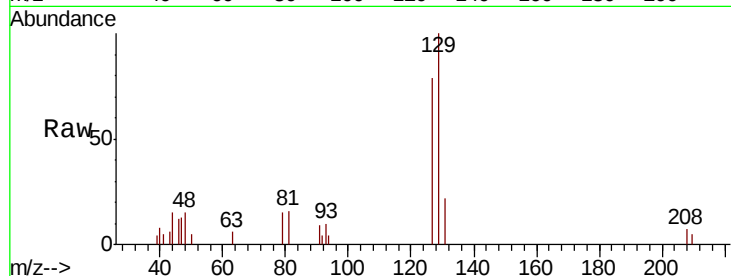
MDL06

Tot Ion:129 Resp: 4848

Ion Ratio Lower Upper

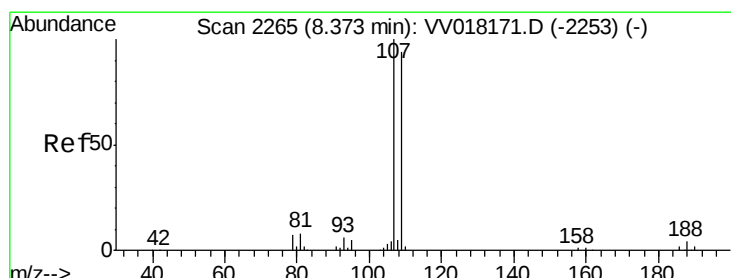
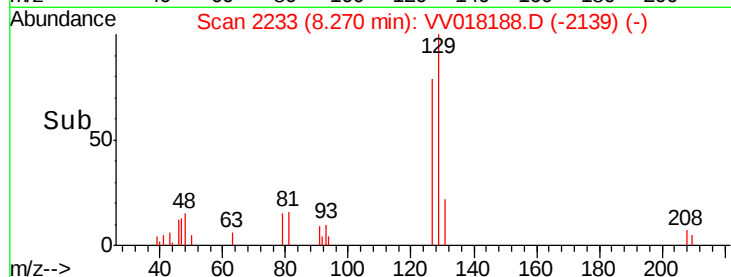
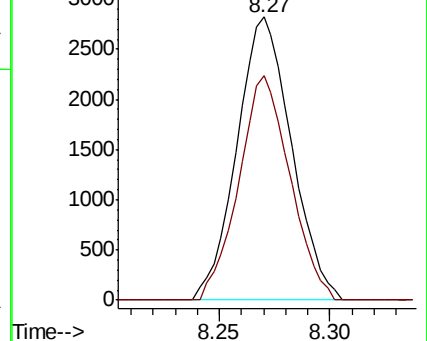
129 100

127 79.3 54.5 101.1



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#50

1,2-Dibromoethane

Concen: 2.311 ug/L

RT: 8.38 min Scan# 2267

Delta R.T. 0.01 min

Lab File: VV018188.D

Acq: 10 Sep 2020 18:56

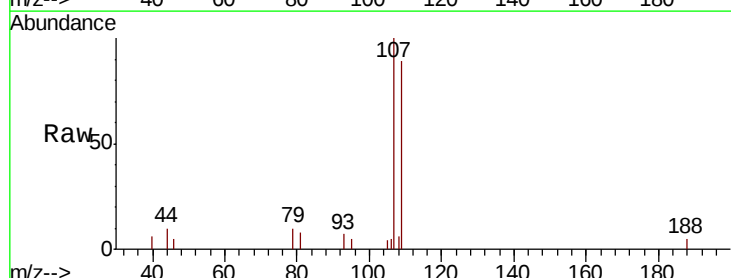
Tgt Ion:107 Resp: 4912

Ion Ratio Lower Upper

107 100

109 88.6 66.1 122.8

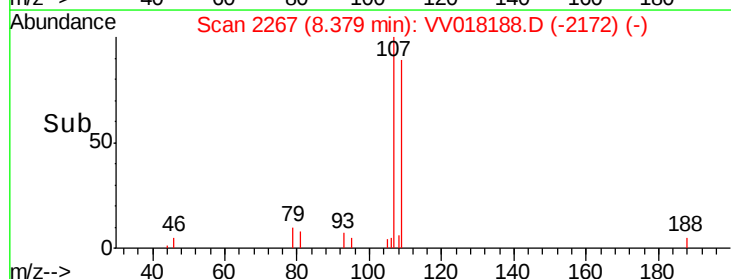
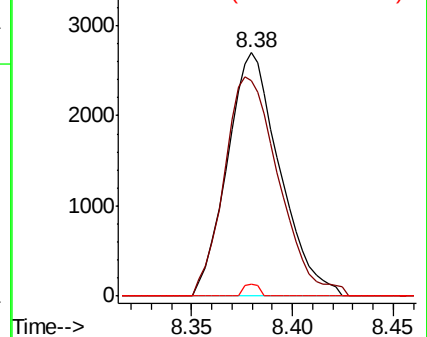
188 4.9 3.2 4.8#

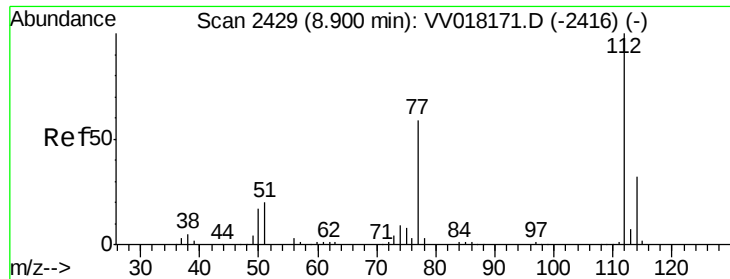


Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

Ion 188.00 (187.70 to 188.70): V

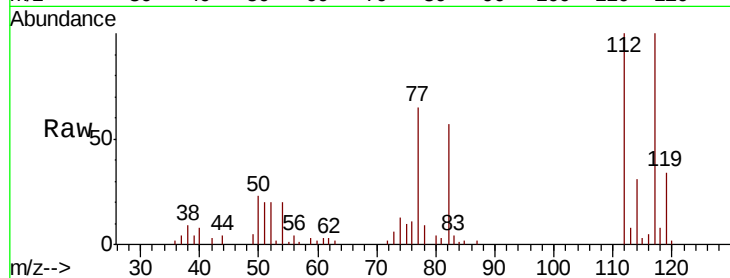




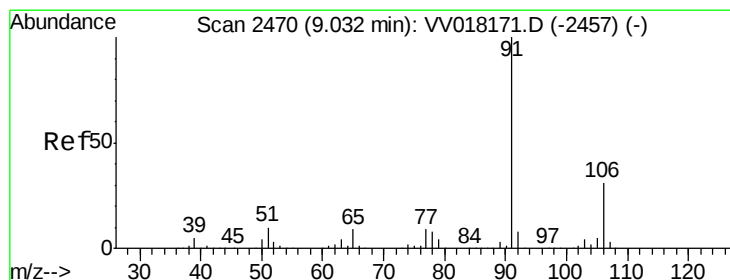
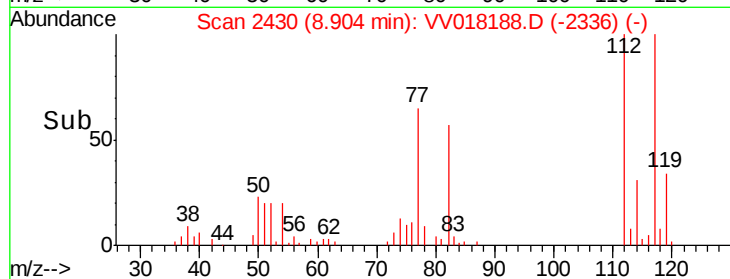
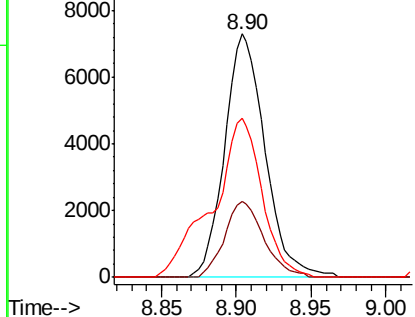
#51
Chlorobenzene
Concen: 2.420 ug/L
RT: 8.90 min Scan# 2430
Delta R.T. 0.00 min
Lab File: VV018188.D
Acq: 10 Sep 2020 18:56

Instrument :
MSVOA_V
ClientSampleId :
MDL06

Tot Ion:112 Resp: 13680
Ion Ratio Lower Upper
112 100
114 31.0 22.6 42.0
77 65.2 48.0 72.0

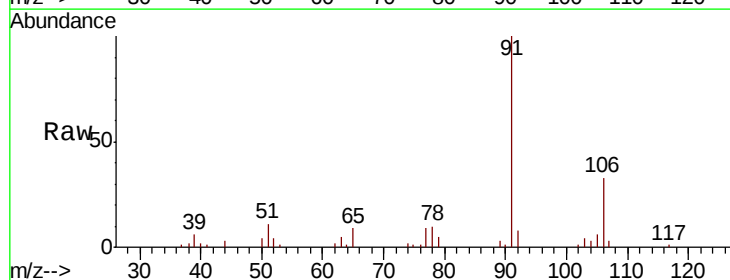


Abundance Ion 112.00 (111.70 to 112.70): V
Ion 114.00 (113.70 to 114.70): V
Ion 77.00 (76.70 to 77.70): V

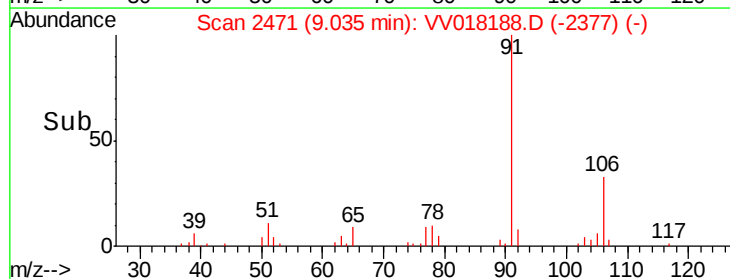
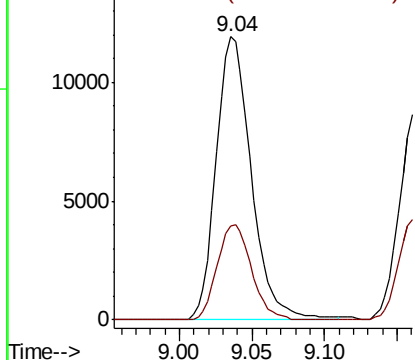


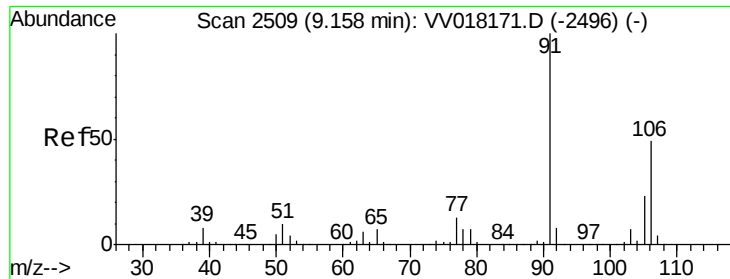
#52
Ethylbenzene
Concen: 2.111 ug/L
RT: 9.04 min Scan# 2471
Delta R.T. 0.00 min
Lab File: VV018188.D
Acq: 10 Sep 2020 18:56

Tgt Ion: 91 Resp: 20061
Ion Ratio Lower Upper
91 100
106 33.3 21.3 39.5



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





#53

m,p-Xylene

Concen: 2.090 ug/L

RT: 9.16 min Scan# 2510

Delta R.T. 0.00 min

Lab File: VV018188.D

Acq: 10 Sep 2020 18:56

Instrument :

MSVOA_V

ClientSampleId :

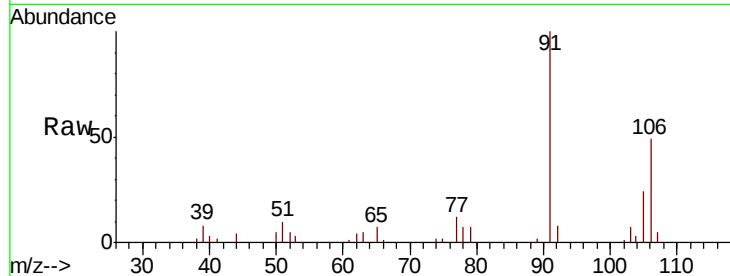
MDL06

Tot Ion:106 Resp: 7412

Ion Ratio Lower Upper

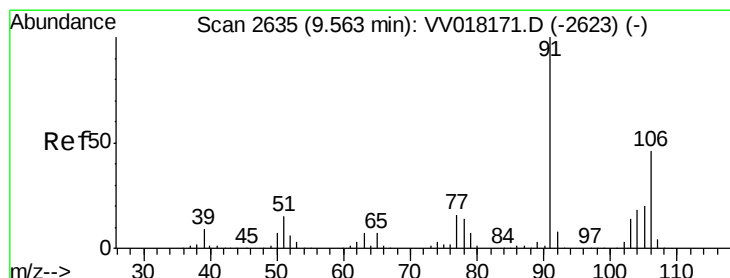
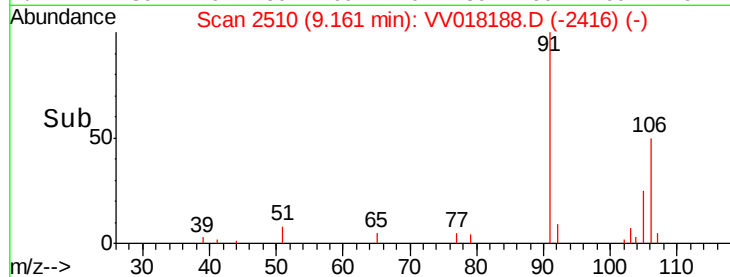
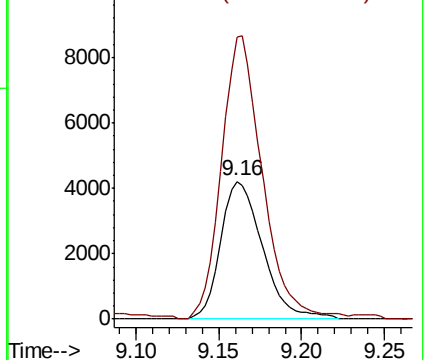
106 100

91 204.6 146.7 272.5



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0



#54

o-xylene

Concen: 2.092 ug/L

RT: 9.57 min Scan# 2636

Delta R.T. 0.00 min

Lab File: VV018188.D

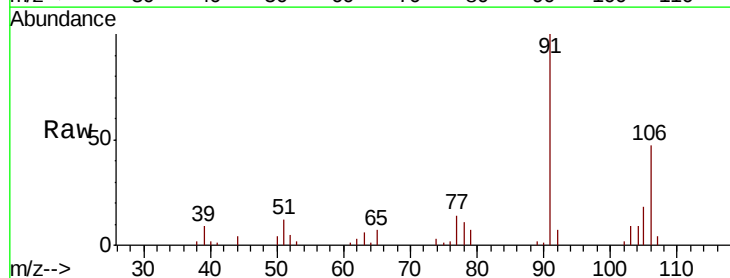
Acq: 10 Sep 2020 18:56

Tgt Ion:106 Resp: 7148

Ion Ratio Lower Upper

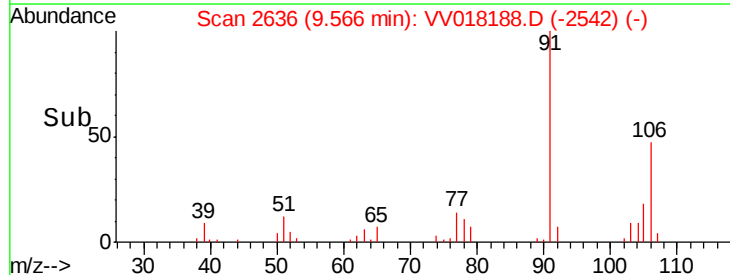
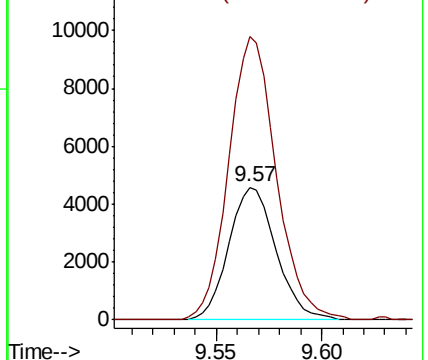
106 100

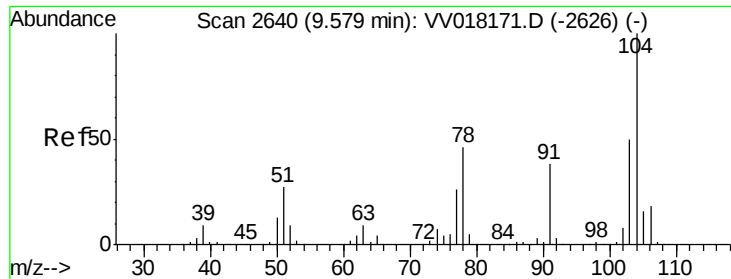
91 213.9 152.2 282.6



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VV0

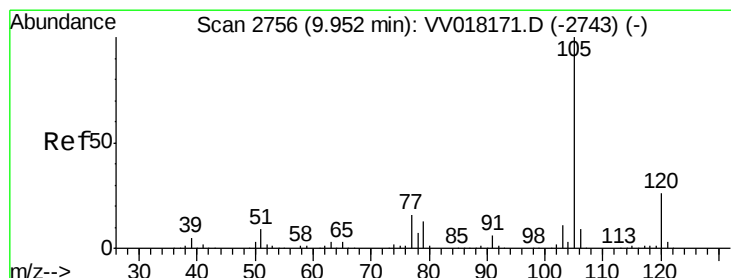
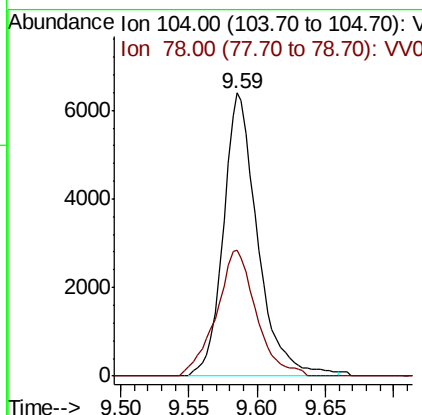
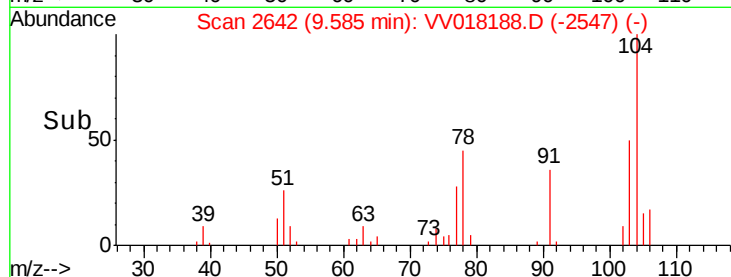
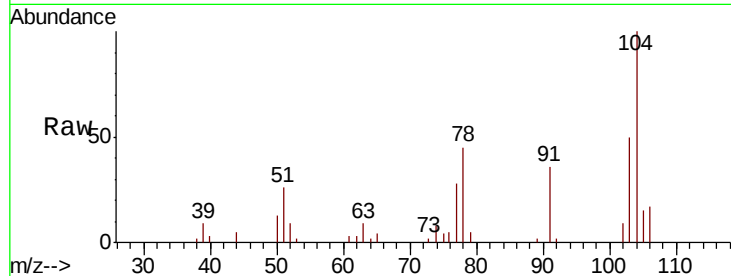




#55
Stvrene
Concen: 1.875 ug/L
RT: 9.59 min Scan# 2642
Delta R.T. 0.01 min
Lab File: VV018188.D
Acq: 10 Sep 2020 18:56

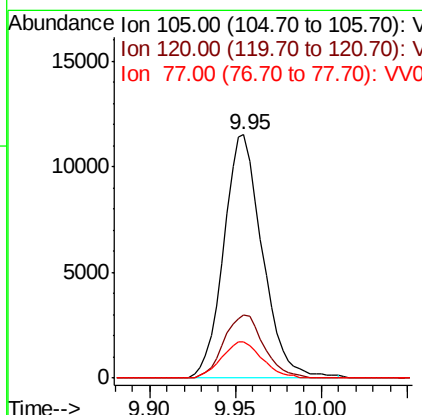
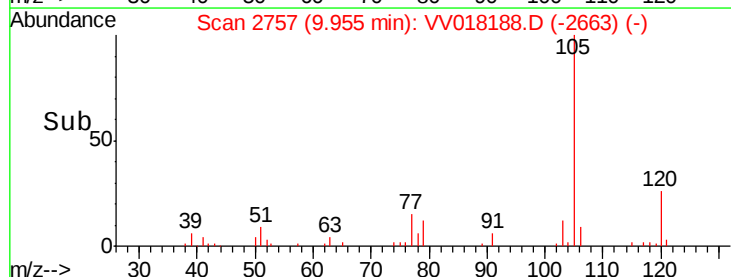
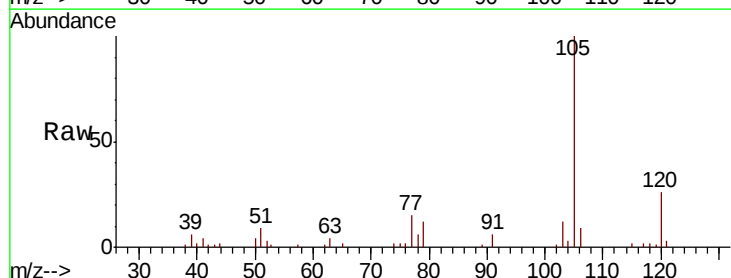
Instrument :
MSVOA_V
ClientSampled :
MDL06

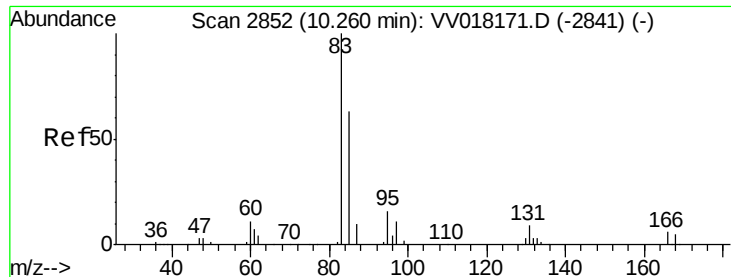
Tot Ion:104 Resp: 11137
Ion Ratio Lower Upper
104 100
78 44.6 31.4 58.2



#56
Isopropylbenzene
Concen: 1.952 ug/L
RT: 9.95 min Scan# 2757
Delta R.T. 0.00 min
Lab File: VV018188.D
Acq: 10 Sep 2020 18:56

Tgt Ion:105 Resp: 17977
Ion Ratio Lower Upper
105 100
120 26.8 20.9 31.3
77 15.7 12.5 18.7





#58

1,1,2,2-Tetrachloroethane

Concen: 2.443 ug/L

RT: 10.26 min Scan# 2853

Delta R.T. 0.00 min

Lab File: VV018188.D

Acq: 10 Sep 2020 18:56

Instrument :

MSVOA_V

ClientSampleId :

MDL06

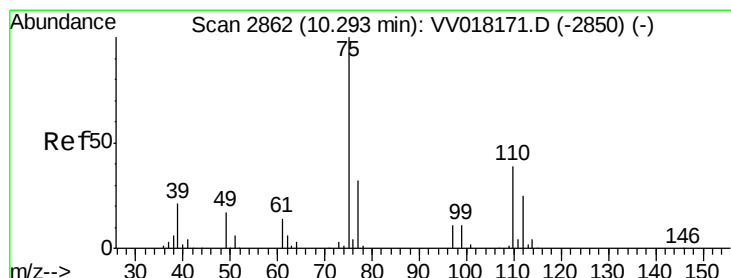
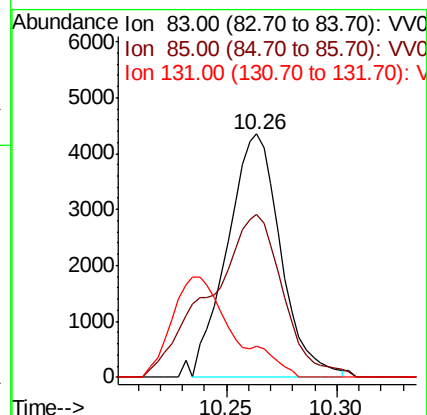
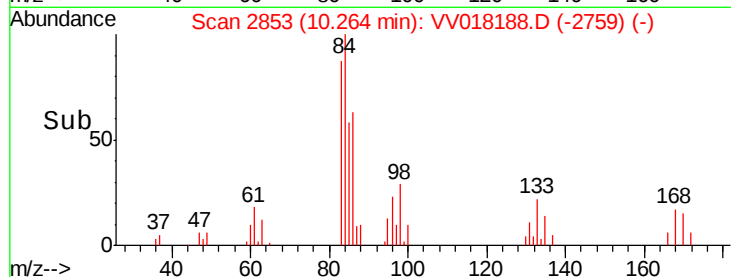
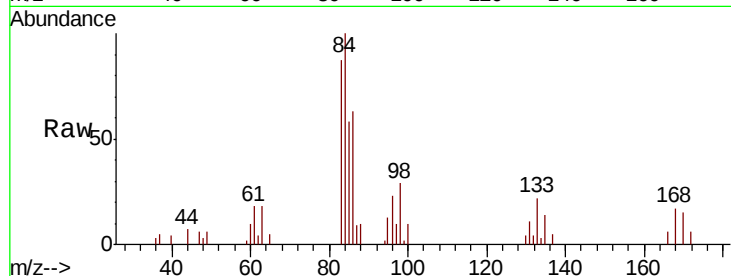
Tot Ion: 83 Resp: 7301

Ion Ratio Lower Upper

83 100

85 66.8 45.8 85.2

131 12.6 8.0 12.0#



#59

1,2,3-Trichloropropane

Concen: 2.299 ug/L

RT: 10.30 min Scan# 2863

Delta R.T. 0.00 min

Lab File: VV018188.D

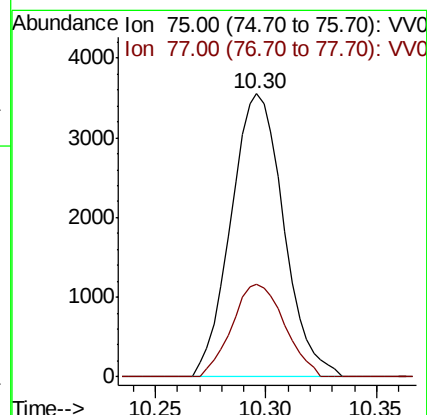
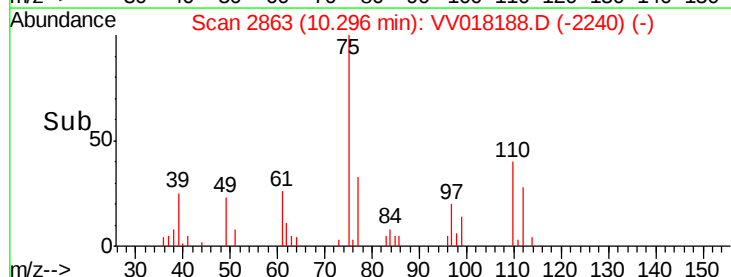
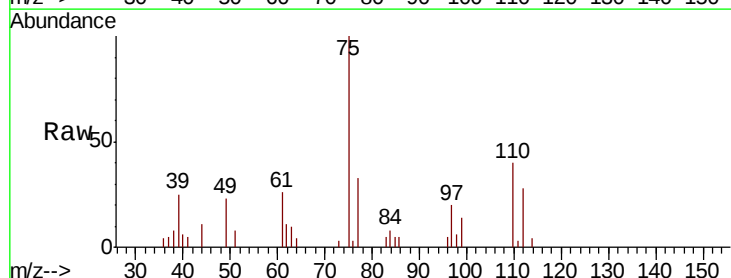
Acq: 10 Sep 2020 18:56

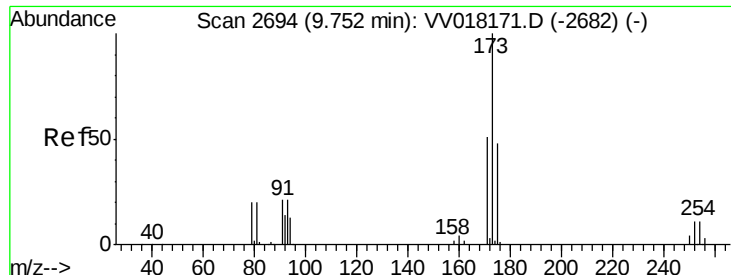
Tgt Ion: 75 Resp: 5894

Ion Ratio Lower Upper

75 100

77 32.5 25.8 38.6





#61

Bromoform

Concen: 1.938 ug/L

RT: 9.76 min Scan# 2695

Delta R.T. 0.00 min

Lab File: VV018188.D

Acq: 10 Sep 2020 18:56

Instrument :

MSVOA_V

ClientSampleId :

MDL06

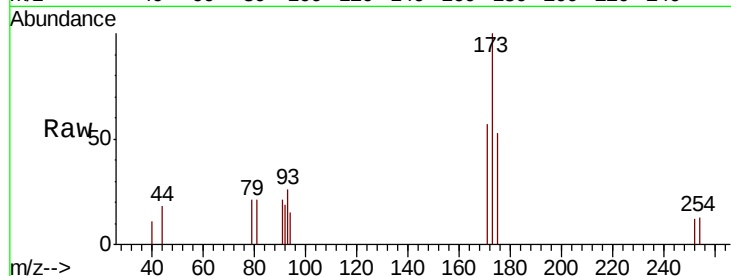
Tot Ion:173 Resp: 3029

Ion Ratio Lower Upper

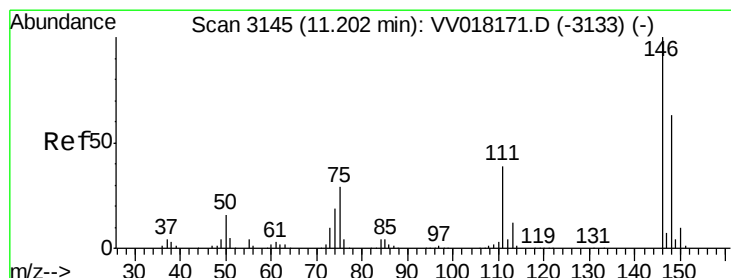
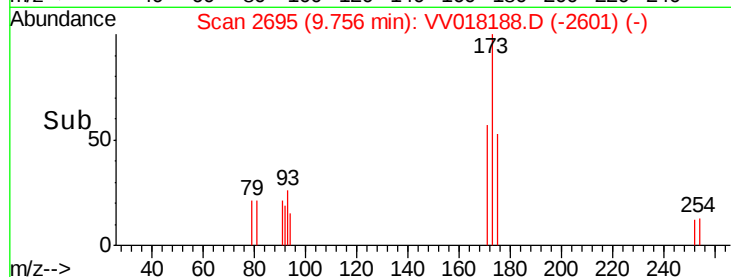
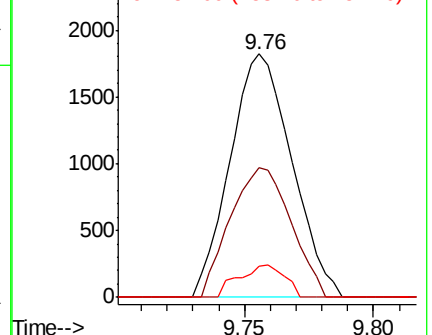
173 100

175 52.2 39.0 58.6

254 7.2 9.0 13.4#



Abundance Ion 173.00 (172.70 to 173.70): V
Ion 175.00 (174.70 to 175.70): V
Ion 254.00 (253.70 to 254.70): V



#62

1,3-Dichlorobenzene

Concen: 2.348 ug/L

RT: 11.21 min Scan# 3146

Delta R.T. 0.00 min

Lab File: VV018188.D

Acq: 10 Sep 2020 18:56

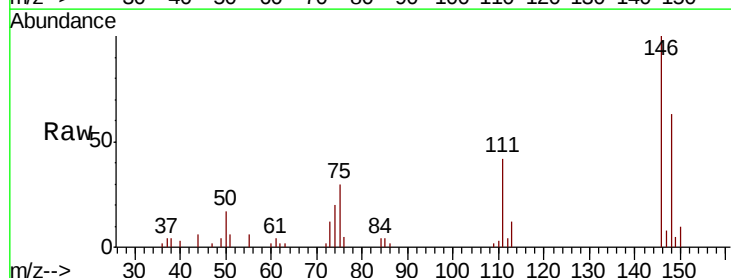
Tgt Ion:146 Resp: 10156

Ion Ratio Lower Upper

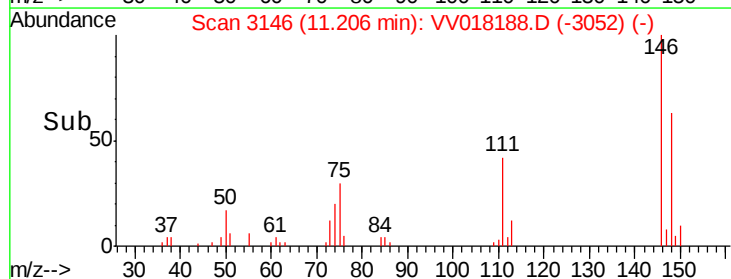
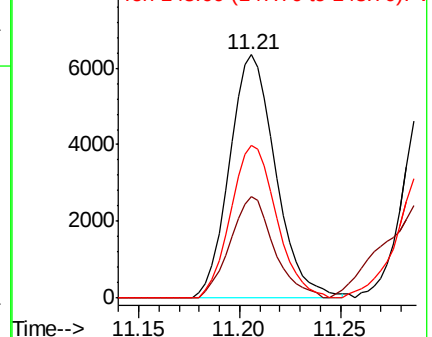
146 100

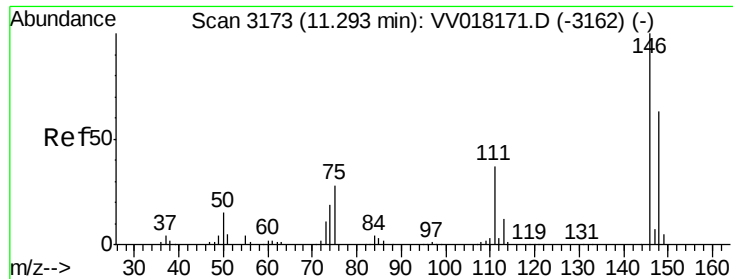
111 41.9 27.6 51.2

148 63.0 45.4 84.2



Abundance Ion 146.00 (145.70 to 146.70): V
Ion 111.00 (110.70 to 111.70): V
Ion 148.00 (147.70 to 148.70): V

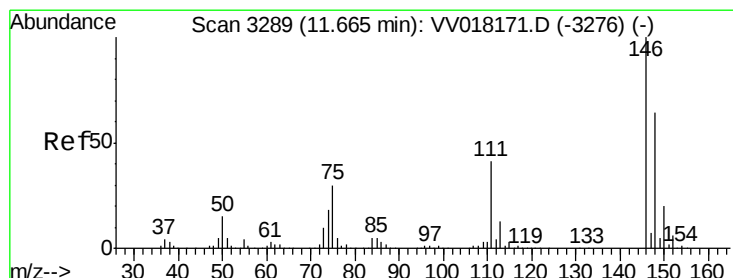
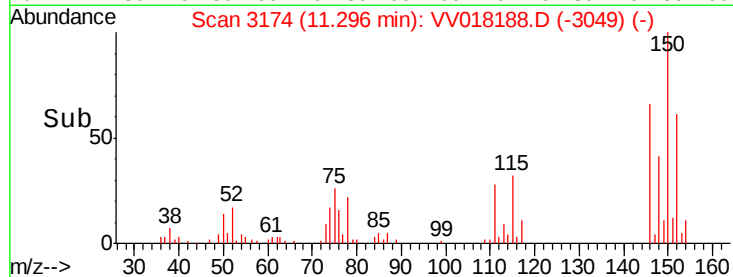
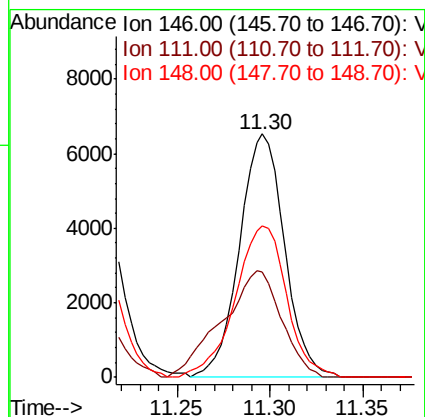
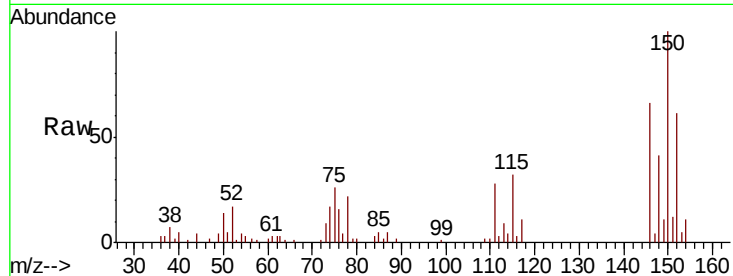




#63
 1,4-Dichlorobenzene
 Concen: 2.485 ug/L
 RT: 11.30 min Scan# 3174
 Delta R.T. 0.00 min
 Lab File: VV018188.D
 Acq: 10 Sep 2020 18:56

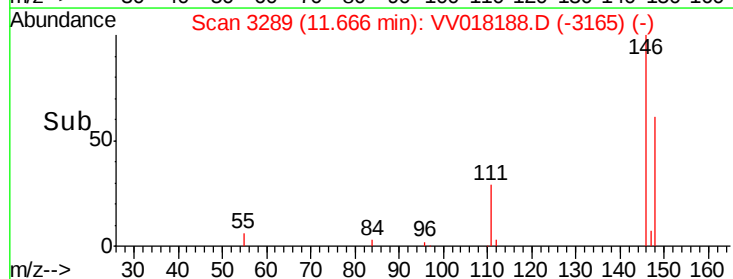
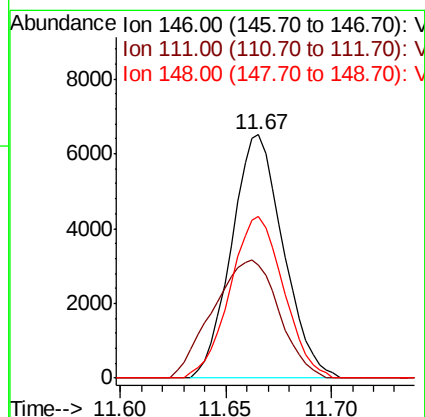
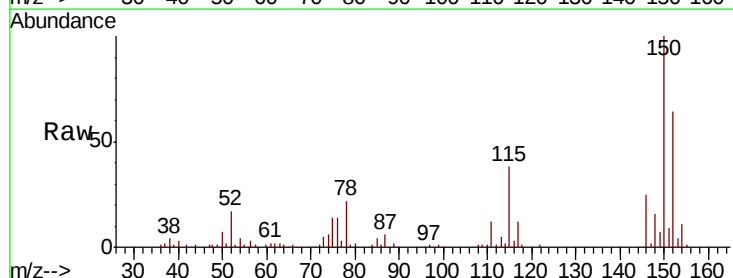
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL06

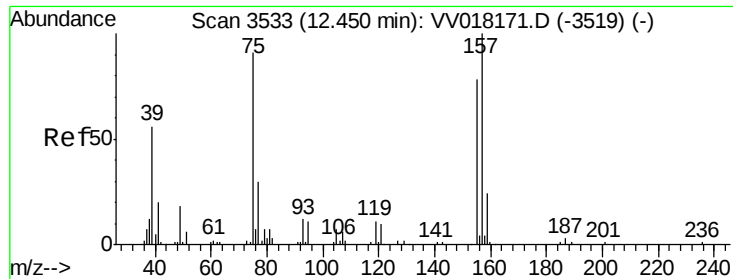
Tot Ion:146 Resp: 11051
 Ion Ratio Lower Upper
 146 100
 111 43.1 27.1 50.3
 148 62.4 45.4 84.2



#65
 1,2-Dichlorobenzene
 Concen: 2.532 ug/L
 RT: 11.67 min Scan# 3289
 Delta R.T. 0.00 min
 Lab File: VV018188.D
 Acq: 10 Sep 2020 18:56

Tgt Ion:146 Resp: 11069
 Ion Ratio Lower Upper
 146 100
 111 46.3 32.8 49.2
 148 66.3 50.7 76.1

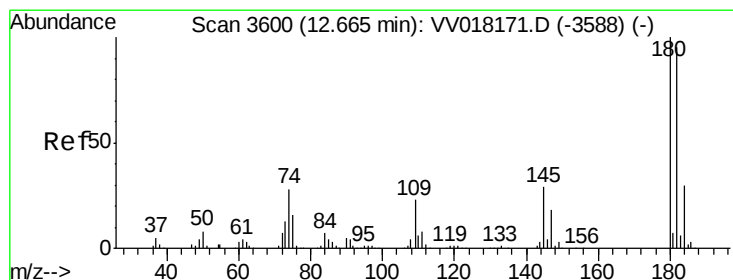
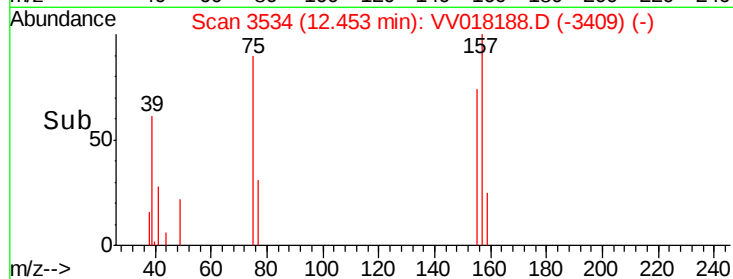
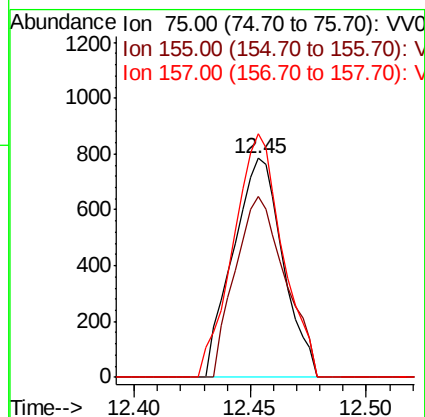
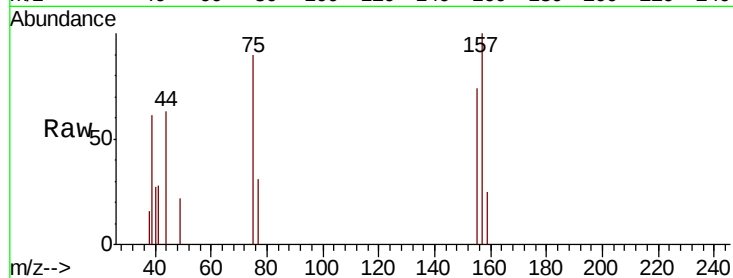




#66
 1,2-Dibromo-3-chloropropane
 Concen: 1.901 ug/L
 RT: 12.45 min Scan# 3534
 Delta R.T. 0.00 min
 Lab File: VV018188.D
 Acq: 10 Sep 2020 18:56

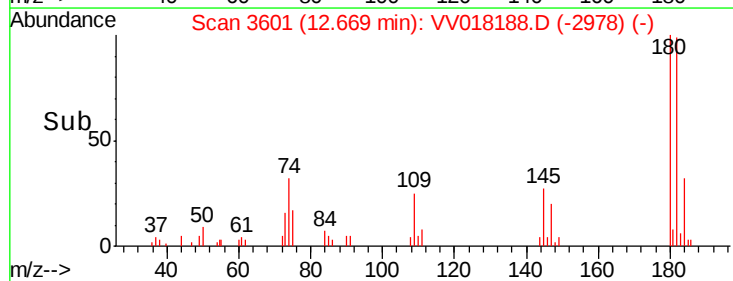
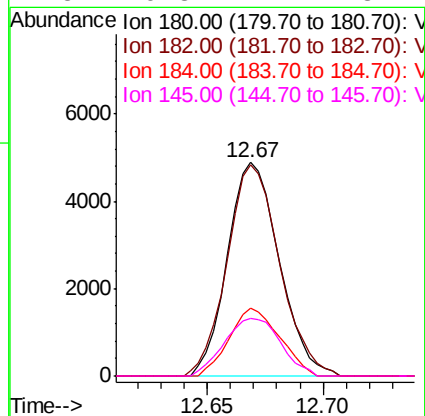
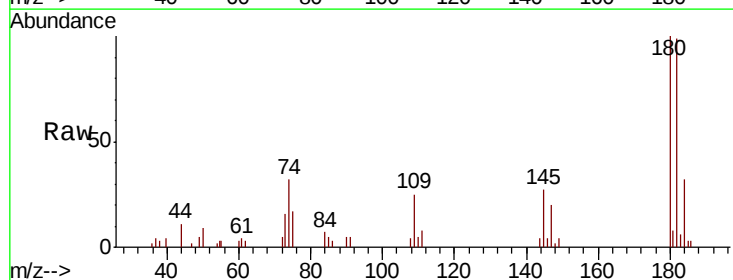
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL06

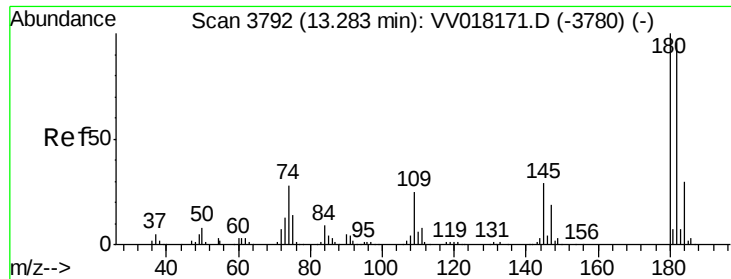
Tot Ion: 75 Resp: 1173
 Ion Ratio Lower Upper
 75 100
 155 82.3 69.7 104.5
 157 111.1 88.2 132.4



#67
 1,3,5-Trichlorobenzene
 Concen: 2.222 ug/L
 RT: 12.67 min Scan# 3601
 Delta R.T. 0.00 min
 Lab File: VV018188.D
 Acq: 10 Sep 2020 18:56

Tgt Ion: 180 Resp: 7576
 Ion Ratio Lower Upper
 180 100
 182 100.5 76.8 115.2
 184 30.7 24.6 36.8
 145 29.3 22.7 34.1

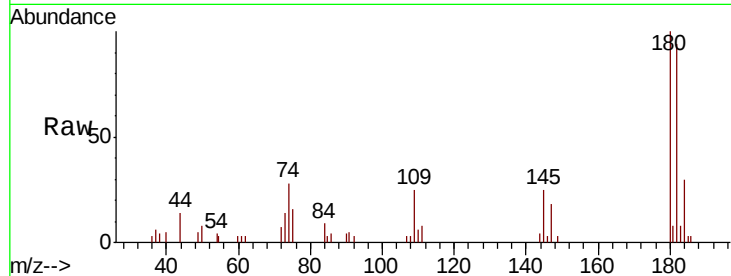




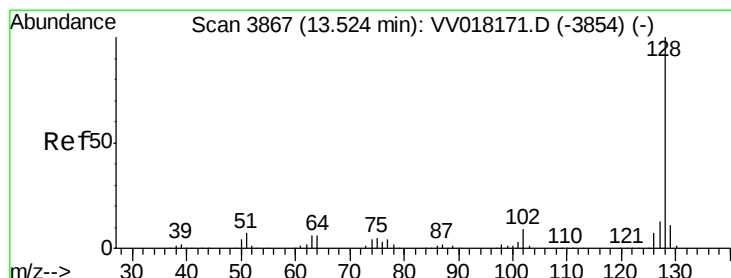
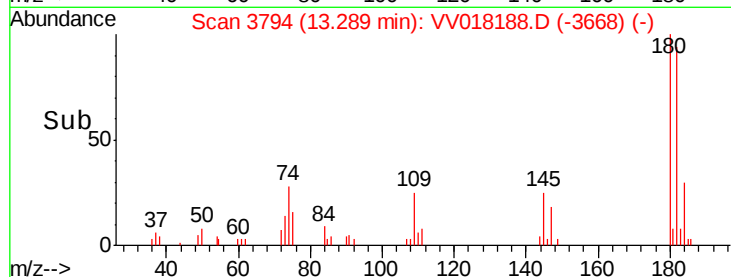
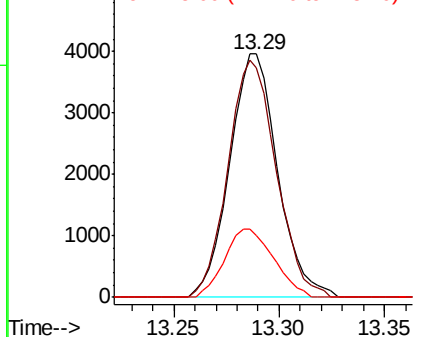
#68
1,2,4-trichlorobenzene
Concen: 2.057 ug/L
RT: 13.29 min Scan# 3794
Delta R.T. 0.01 min
Lab File: VV018188.D
Acq: 10 Sep 2020 18:56

Instrument :
MSVOA_V
ClientSampled :
MDL06

Tot Ion:180 Resp: 6248
Ion Ratio Lower Upper
180 100
182 97.8 77.4 116.2
145 28.6 23.2 34.8

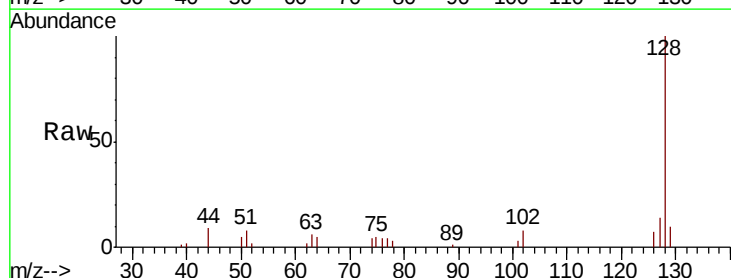


Abundance Ion 180.00 (179.70 to 180.70): V
Ion 182.00 (181.70 to 182.70): V
Ion 145.00 (144.70 to 145.70): V

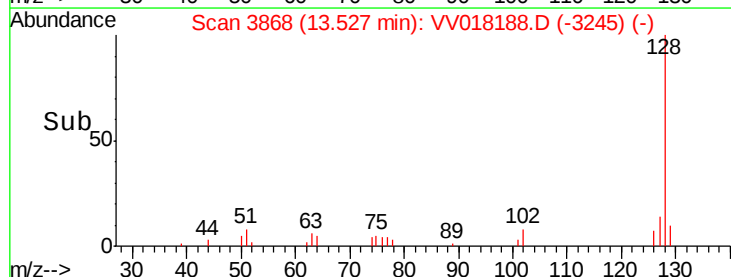
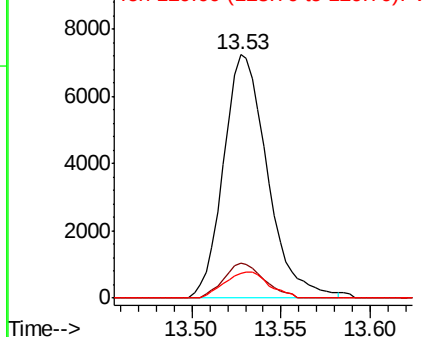


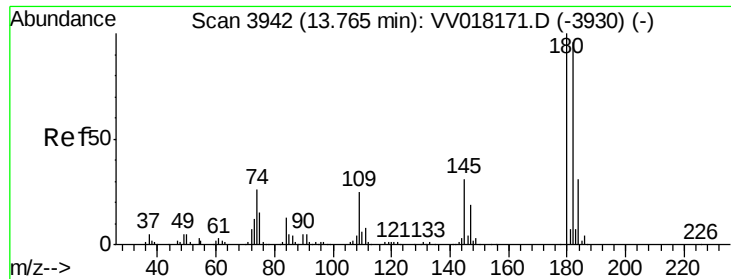
#69
Naphthalene
Concen: 1.616 ug/L
RT: 13.53 min Scan# 3868
Delta R.T. 0.00 min
Lab File: VV018188.D
Acq: 10 Sep 2020 18:56

Tgt Ion:128 Resp: 12415
Ion Ratio Lower Upper
128 100
127 13.1 10.6 15.8
129 10.7 8.6 13.0



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





#70
 1,2,3-Trichlorobenzene
 Concen: 2.066 ug/L
 RT: 13.77 min Scan# 3943
 Delta R.T. 0.00 min
 Lab File: VV018188.D
 Acq: 10 Sep 2020 18:56

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL06

Tot Ion:180 Resp: 6180
 Ion Ratio Lower Upper
 180 100
 182 94.2 76.5 114.7
 145 30.3 24.9 37.3

