

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081018\
 Data File : VV006994.D
 Acq On : 10 Aug 2018 20:02
 Operator : SY/MD
 Sample : MDL05
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 MDL05

Quant Time: Aug 11 00:21:36 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080918WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Aug 11 00:19:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	239204	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	231278	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	93643	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	66701	4.32	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.40%
7) Chloroethane-d5	1.58	69	59946	4.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.60%
11) 1,1-Dichloroethene-d2	2.13	63	91249	3.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.00%
20) 2-Butanone-d5	3.97	46	259056	58.34	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.68%
24) Chloroform-d	4.41	84	156546	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.00%
26) 1,2-Dichloroethane-d4	5.09	65	83362	5.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.40%
32) Benzene-d6	5.10	84	283507	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.40%
36) 1,2-Dichloropropane-d6	6.12	67	103261	5.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.60%
41) Toluene-d8	7.37	98	212396	4.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.00%
43) trans-1,3-Dichloropropene-	7.67	79	30701	4.34	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.80%
46) 2-Hexanone-d5	8.15	63	133566	46.22	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.44%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	80984	5.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	82250	5.05	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.00%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.25	50	4918	0.219	ug/L	100
6) Bromomethane	1.53	94	1096	0.218	ug/L	99
8) Chloroethane	1.60	64	3073	0.219	ug/L	93
9) Trichlorofluoromethane	1.77	101	5914	0.201	ug/L	89
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	4136	0.234	ug/L	92
12) 1,1-Dichloroethene	2.14	96	4316	0.251	ug/L #	1
13) Acetone	2.21	43	6052	2.647	ug/L	92
14) Carbon disulfide	2.32	76	11945	0.211	ug/L	99
15) Methyl Acetate	2.47	43	1603	0.249	ug/L #	81
16) Methylene chloride	2.54	84	6862	0.331	ug/L	85
17) Methyl tert-butyl Ether	2.82	73	8903	0.216	ug/L	97
18) trans-1,2-Dichloroethene	2.79	96	4169	0.227	ug/L	95
19) 1,1-Dichloroethane	3.23	63	6700	0.202	ug/L	97
22) cis-1,2-Dichloroethene	3.96	96	4661	0.223	ug/L	91
23) Bromochloromethane	4.30	128	2030	0.239	ug/L #	70
25) Chloroform	4.43	83	8402	0.231	ug/L	91
27) 1,2-Dichloroethane	5.19	62	4864	0.215	ug/L	100

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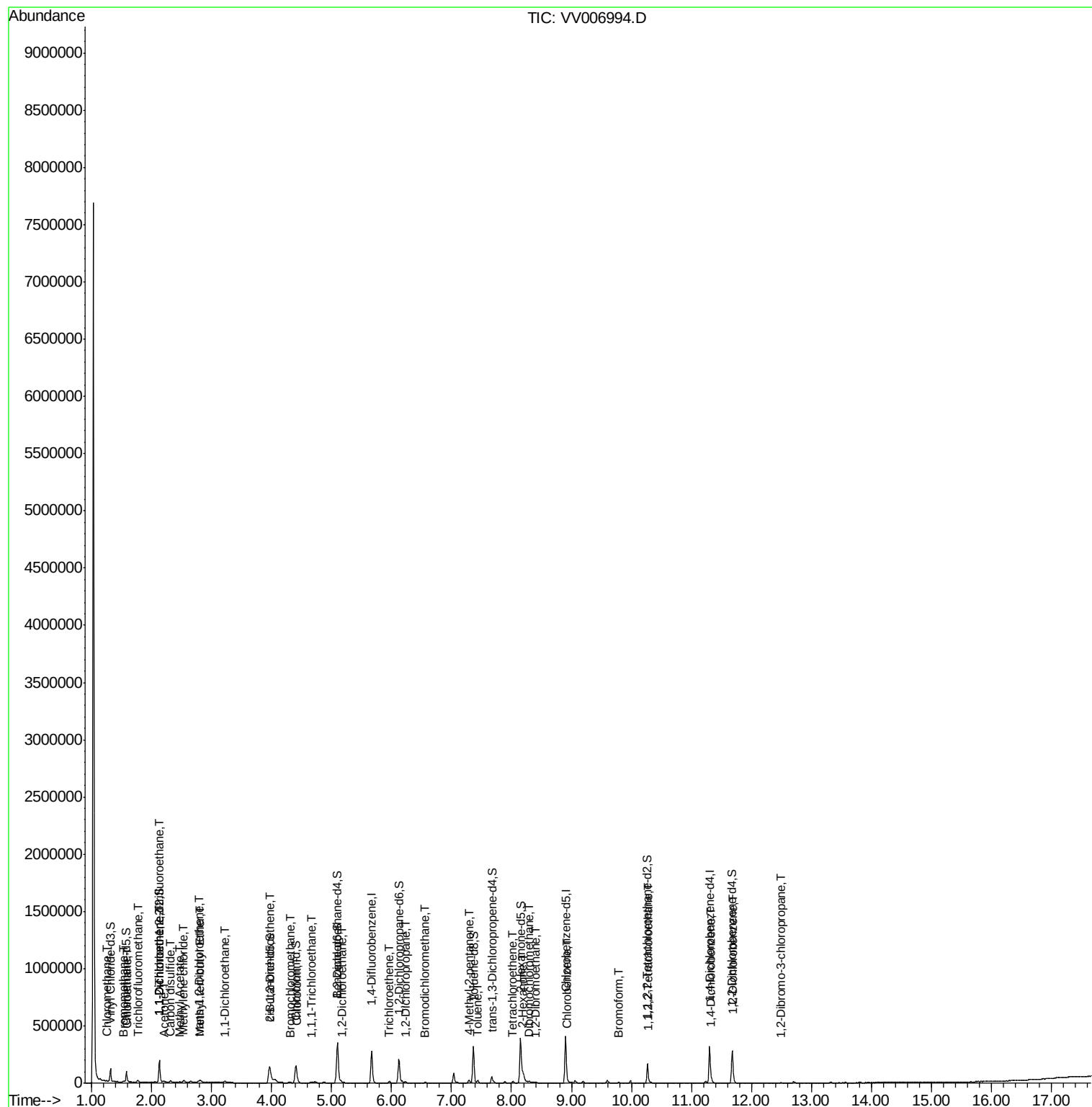
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) 1,1,1-Trichloroethane	4.66	97	6209	0.201	ug/L	99
34) Trichloroethene	5.97	95	4177	0.217	ug/L	96
37) 1,2-Dichloropropane	6.23	63	4562	0.208	ug/L	98
38) Bromodichloromethane	6.56	83	5076	0.204	ug/L	89
40) 4-Methyl-2-pentanone	7.29	43	19341	1.633	ug/L #	88
42) Toluene	7.44	91	15420	0.200	ug/L	91
47) Tetrachloroethene	8.02	164	3252	0.209	ug/L	98
48) 2-Hexanone	8.20	43	37302	4.464	ug/L	94
49) Dibromochloromethane	8.30	129	3261	0.218	ug/L	91
50) 1,2-Dibromoethane	8.41	107	2591	0.215	ug/L #	95
51) Chlorobenzene	8.93	112	9970	0.203	ug/L	97
58) 1,1,2,2-Tetrachloroethane	10.29	83	3718	0.214	ug/L #	94
61) Bromoform	9.78	173	1505	0.212	ug/L #	96
63) 1,4-Dichlorobenzene	11.33	146	6401	0.206	ug/L	98
65) 1,2-Dichlorobenzene	11.70	146	6054	0.203	ug/L	93
66) 1,2-Dibromo-3-chloropropan	12.49	75	460	0.217	ug/L #	46

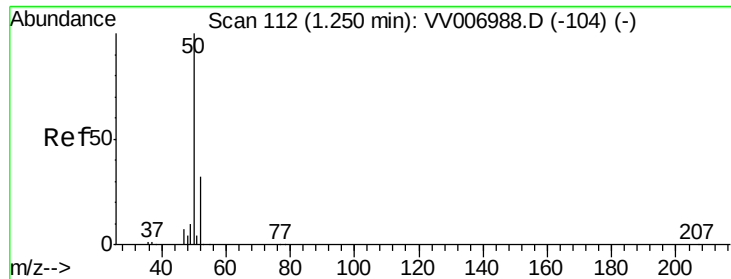
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.219 ug/L

RT: 1.25 min Scan# 112

Delta R.T. 0.00 min

Lab File: VV006994.D

Acq: 10 Aug 2018 20:02

Instrument :

MSVOA_V

ClientSampleId :

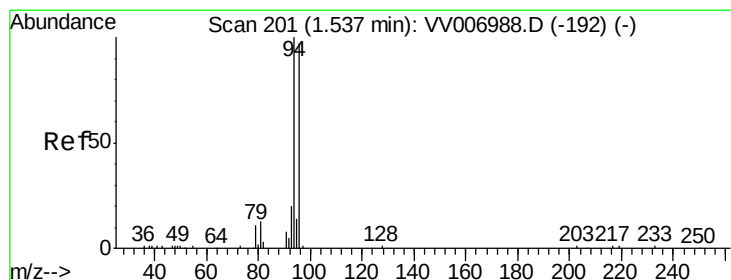
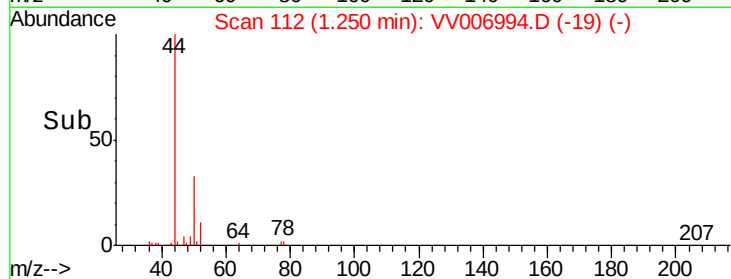
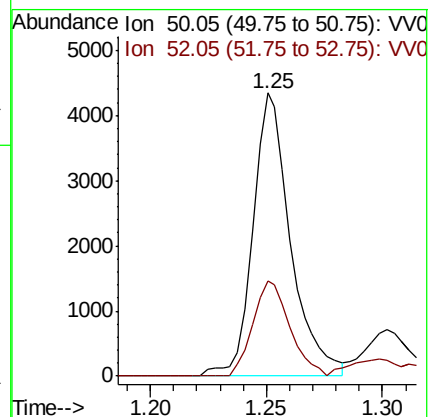
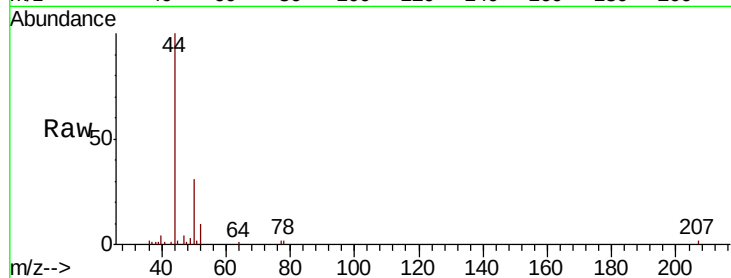
MDL05

Tot Ion: 50 Resp: 4918

Ion Ratio Lower Upper

50 100

52 33.6 23.6 43.8



#6

Bromomethane

Concen: 0.218 ug/L

RT: 1.53 min Scan# 200

Delta R.T. -0.00 min

Lab File: VV006994.D

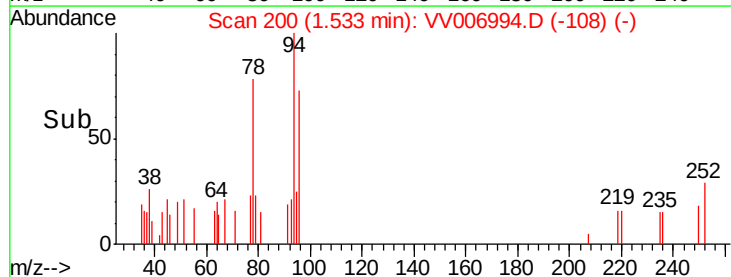
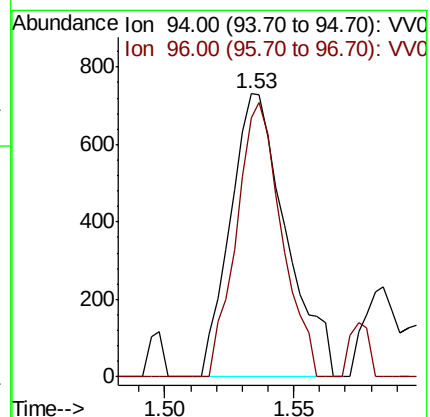
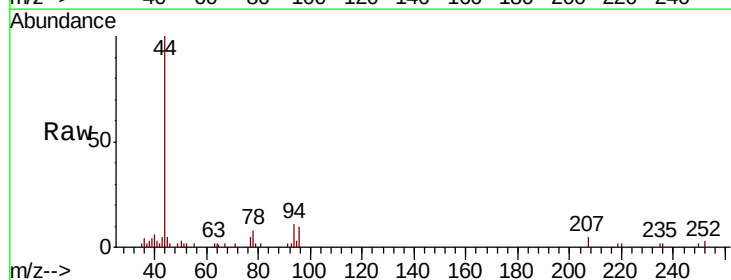
Acq: 10 Aug 2018 20:02

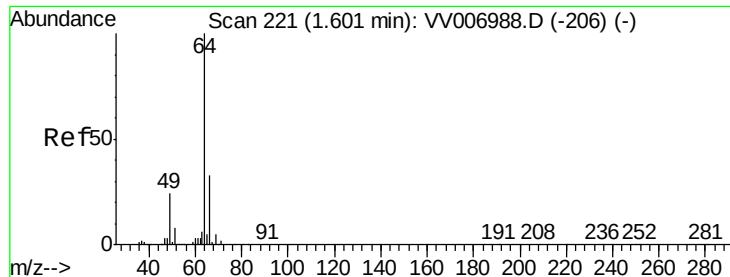
Tgt Ion: 94 Resp: 1096

Ion Ratio Lower Upper

94 100

96 91.5 65.0 120.6





#8

Chloroethane

Concen: 0.219 ug/L

RT: 1.60 min Scan# 220

Delta R.T. -0.00 min

Lab File: VV006994.D

Acq: 10 Aug 2018 20:02

Instrument :

MSVOA_V

ClientSampled :

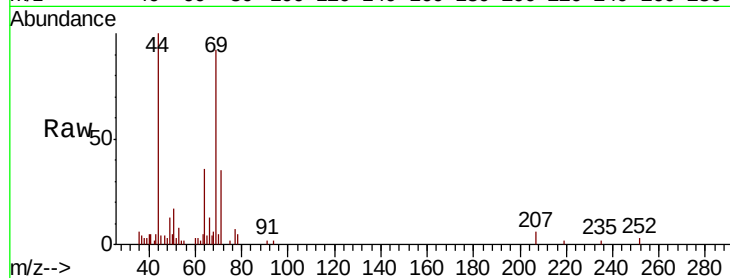
MDL05

Tot Ion: 64 Resp: 3073

Ion Ratio Lower Upper

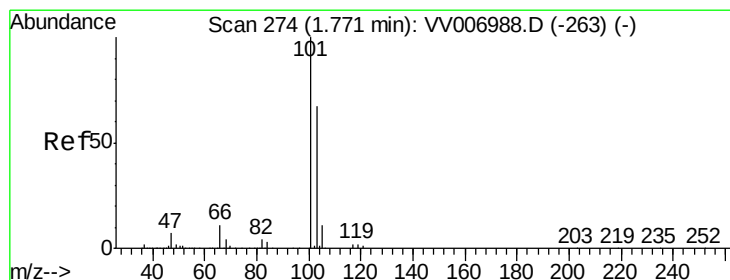
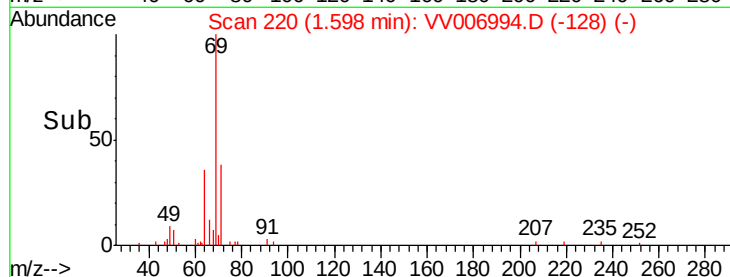
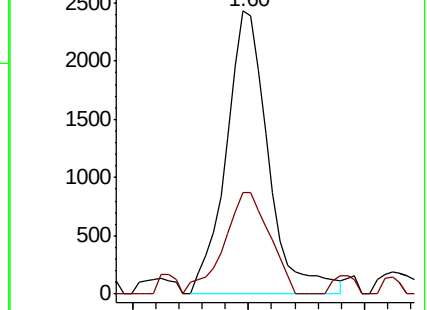
64 100

66 36.0 22.6 42.0



Abundance Ion 64.10 (63.80 to 64.80): VV006988.D (-206) (-)

Ion 66.05 (65.75 to 66.75): VV006988.D (-206) (-)



#9

Trichlorofluoromethane

Concen: 0.201 ug/L

RT: 1.77 min Scan# 274

Delta R.T. 0.00 min

Lab File: VV006994.D

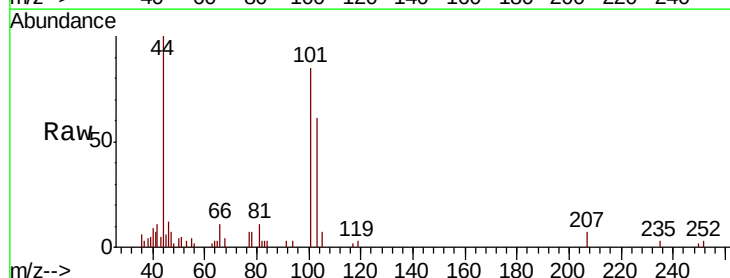
Acq: 10 Aug 2018 20:02

Tgt Ion: 101 Resp: 5914

Ion Ratio Lower Upper

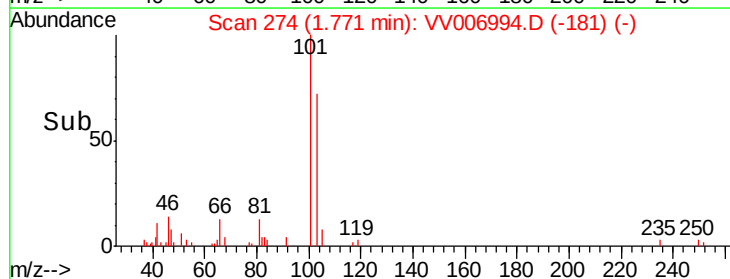
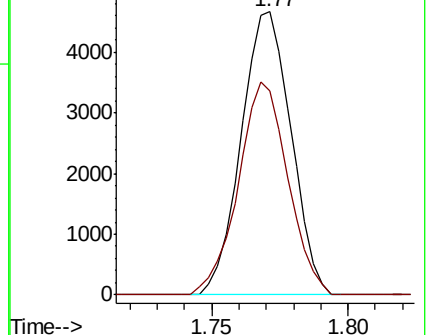
101 100

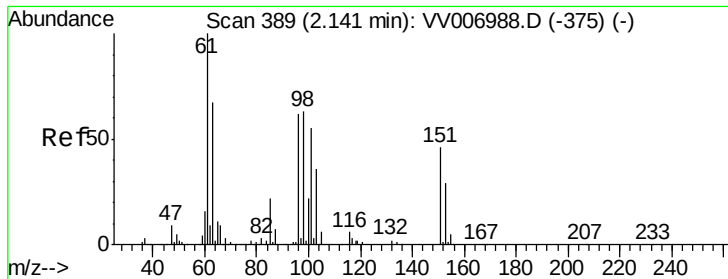
103 74.7 52.7 79.1



Abundance Ion 101.00 (100.70 to 101.70): VV006988.D (-263) (-)

Ion 103.00 (102.70 to 103.70): VV006988.D (-263) (-)





#10

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

Concen: 0.234 ug/L

RT: 2.14 min Scan# 388

Delta R.T. -0.00 min

Lab File: VV006994.D

Acq: 10 Aug 2018 20:02

Instrument :

MSVOA_V

ClientSampleId :

MDL05

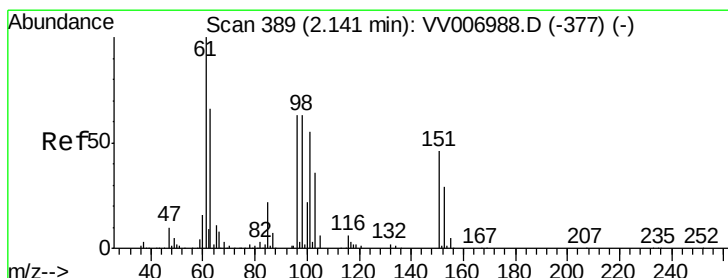
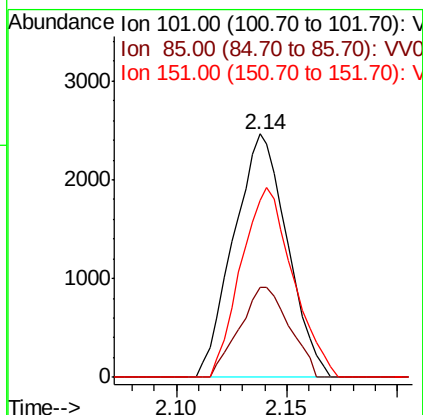
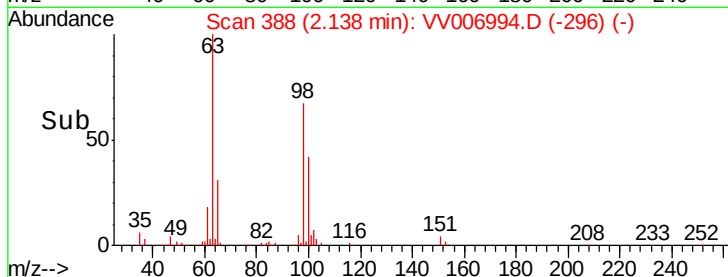
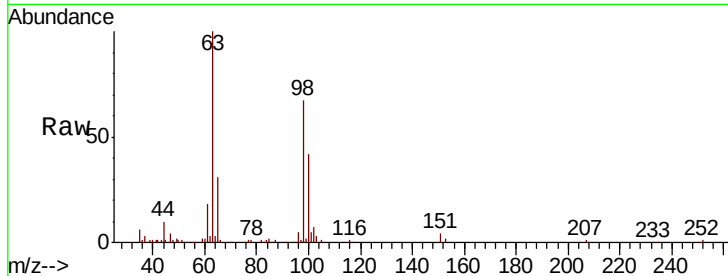
Tot Ion:101 Resp: 4136

Ion Ratio Lower Upper

101 100

85 34.6 33.9 50.9

151 75.6 64.1 96.1



#12

1,1-Dichloroethene

Concen: 0.251 ug/L

RT: 2.14 min Scan# 389

Delta R.T. 0.00 min

Lab File: VV006994.D

Acq: 10 Aug 2018 20:02

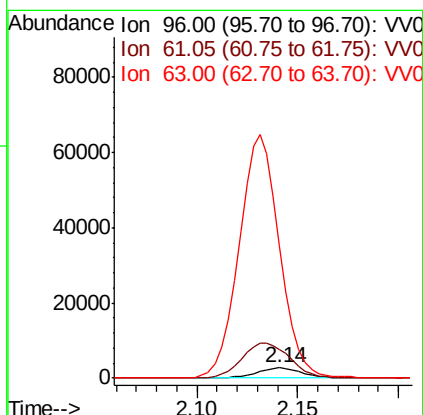
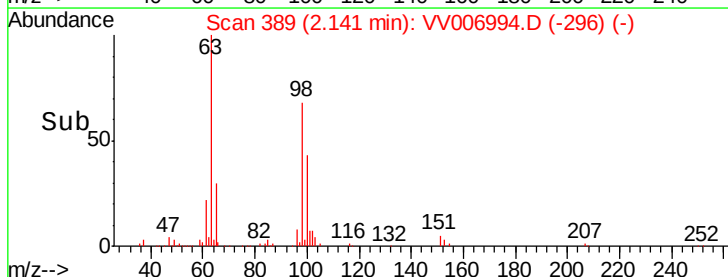
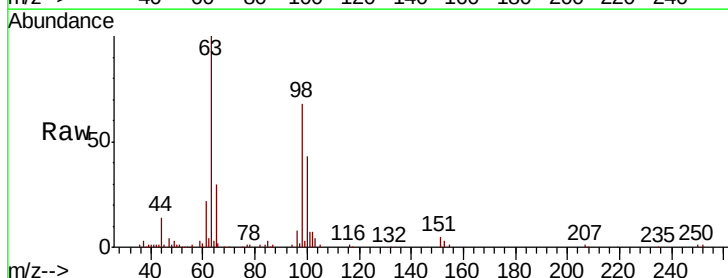
Tgt Ion: 96 Resp: 4316

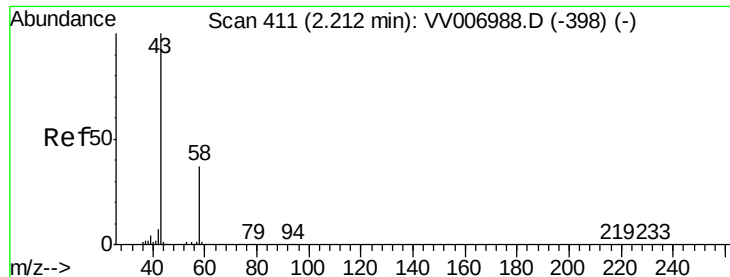
Ion Ratio Lower Upper

96 100

61 274.5 111.6 207.4#

63 1255.1 84.9 157.7#





#13

Acetone

Concen: 2.647 ug/L

RT: 2.21 min Scan# 409

Delta R.T. -0.01 min

Lab File: VV006994.D

Acq: 10 Aug 2018 20:02

Instrument :

MSVOA_V

ClientSampleId :

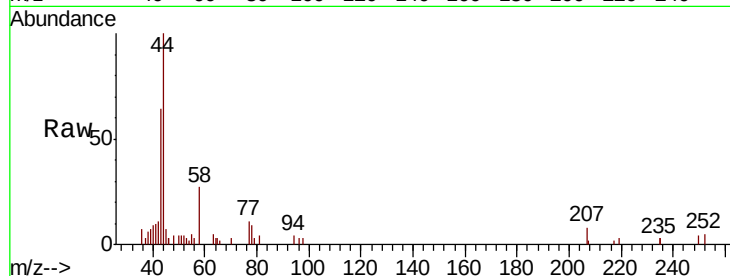
MDL05

Tot Ion: 43 Resp: 6052

Ion Ratio Lower Upper

43 100

58 40.5 0.0 71.4



Abundance Ion 43.05 (42.75 to 43.75): VV006988.D (-398) (-)

Ion 58.05 (57.75 to 58.75): VV006988.D (-398) (-)

2.21

3000

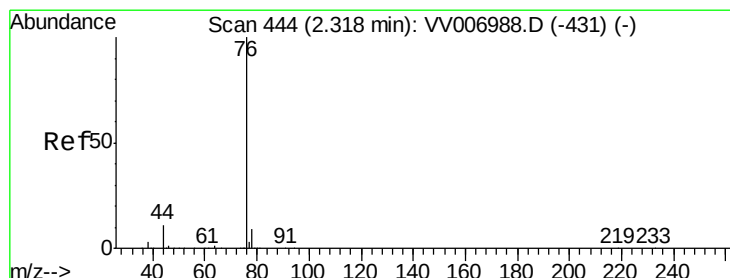
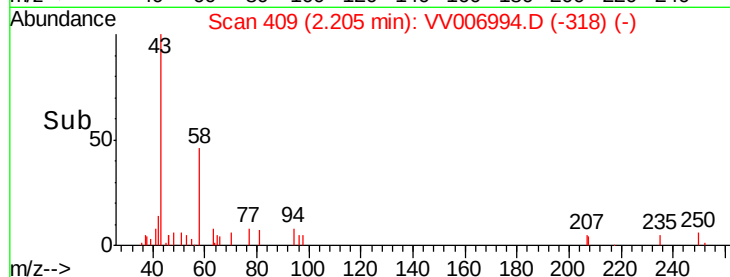
2000

1000

0

Time-->

2.15 2.20 2.25 2.30



#14

Carbon disulfide

Concen: 0.211 ug/L

RT: 2.32 min Scan# 444

Delta R.T. -0.00 min

Lab File: VV006994.D

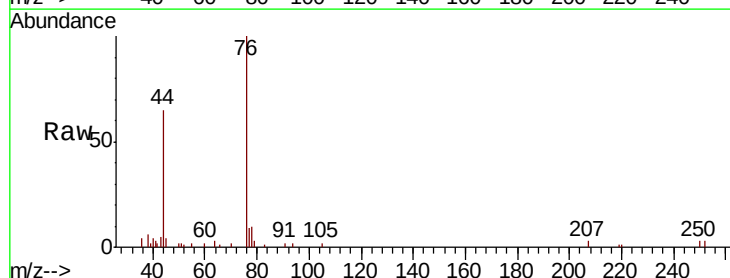
Acq: 10 Aug 2018 20:02

Tgt Ion: 76 Resp: 11945

Ion Ratio Lower Upper

76 100

78 9.8 7.6 11.4



Abundance Ion 76.05 (75.75 to 76.75): VV006988.D (-431) (-)

Ion 78.00 (77.70 to 78.70): VV006988.D (-431) (-)

2.32

10000

8000

6000

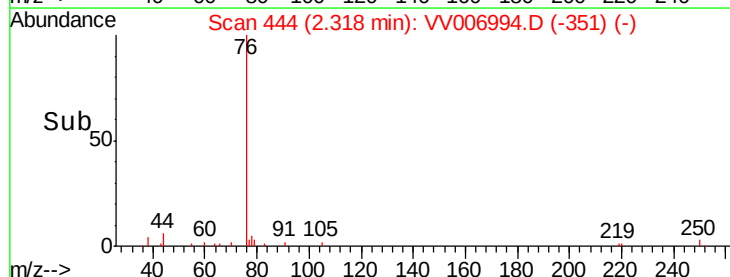
4000

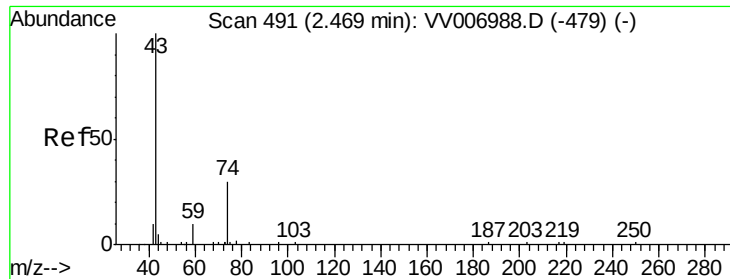
2000

0

Time-->

2.30 2.35

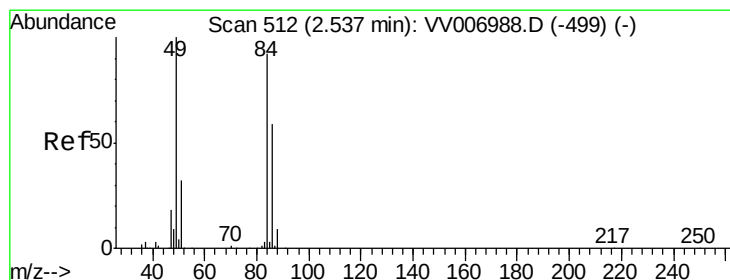
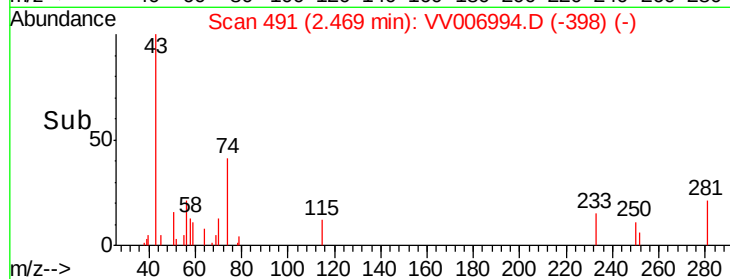
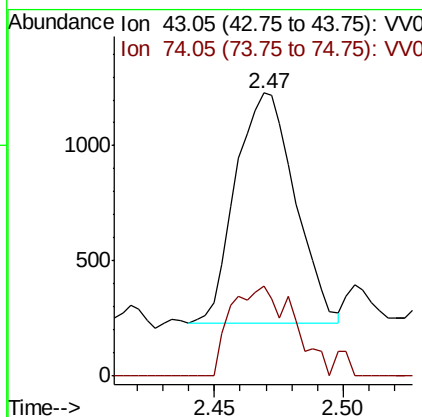
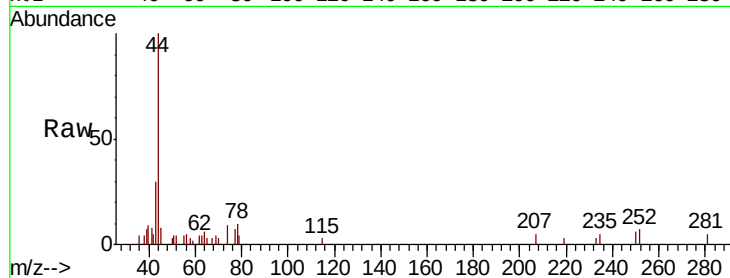




#15
Methyl Acetate
Concen: 0.249 ug/L
RT: 2.47 min Scan# 491
Delta R.T. 0.00 min
Lab File: VV006994.D
Acq: 10 Aug 2018 20:02

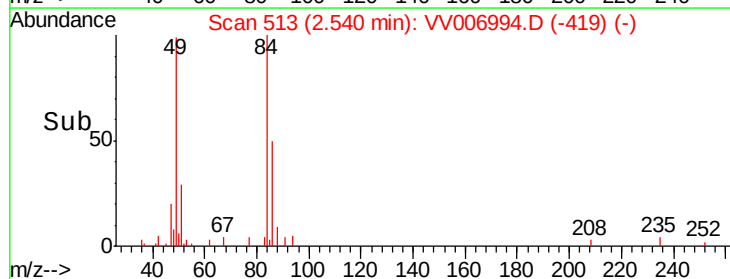
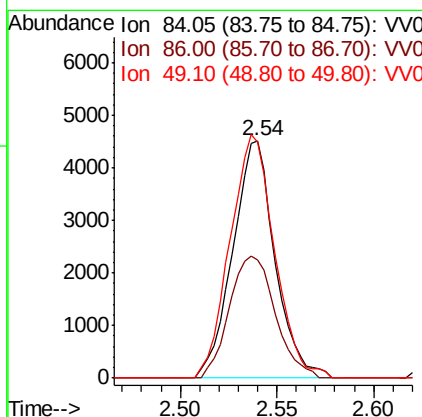
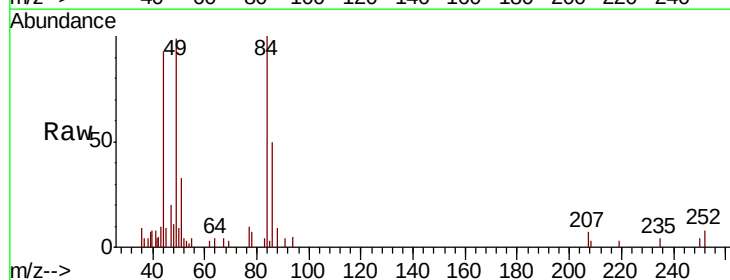
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ClientSampled :
MDL05

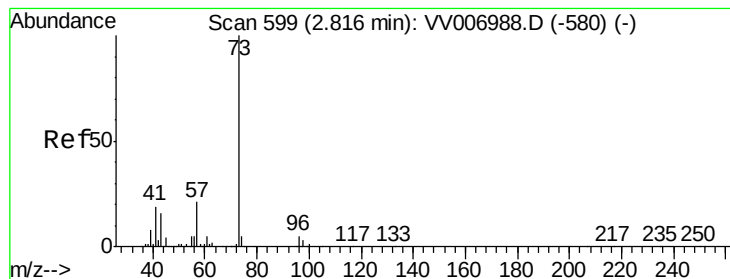
Tot Ion: 43 Resp: 1603
Ion Ratio Lower Upper
43 100
74 41.4 24.6 37.0#



#16
Methylene chloride
Concen: 0.331 ug/L
RT: 2.54 min Scan# 513
Delta R.T. 0.00 min
Lab File: VV006994.D
Acq: 10 Aug 2018 20:02

Tgt Ion: 84 Resp: 6862
Ion Ratio Lower Upper
84 100
86 50.0 45.7 84.9
49 99.3 78.8 146.4





#17

Methyl tert-butyl Ether

Concen: 0.216 ug/L

RT: 2.82 min Scan# 599

Delta R.T. 0.00 min

Lab File: VV006994.D

Acq: 10 Aug 2018 20:02

Instrument :

MSVOA_V

ClientSampleId :

MDL05

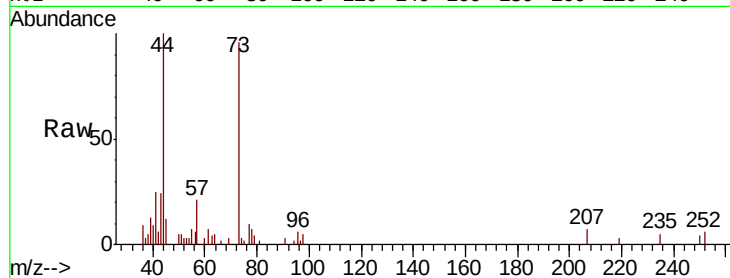
Tot Ion: 73 Resp: 8903

Ion Ratio Lower Upper

73 100

43 19.9 14.4 21.6

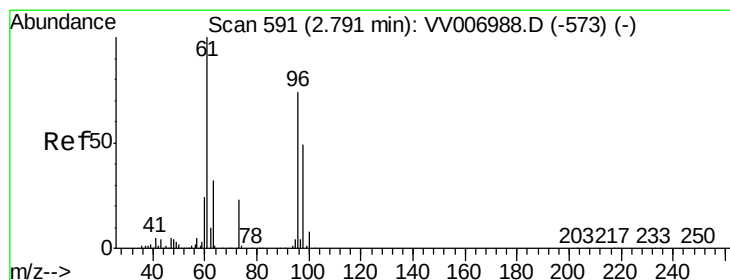
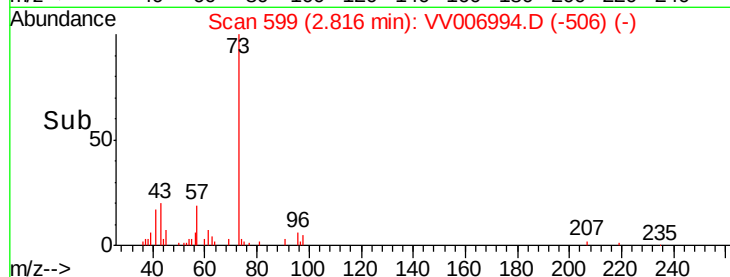
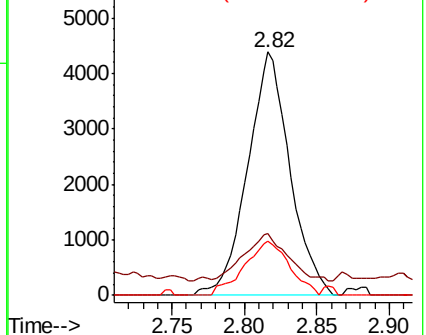
57 23.6 17.9 26.9



Abundance Ion 73.10 (72.80 to 73.80): VV006994.D (-506) (-)

Ion 43.05 (42.75 to 43.75): VV006994.D (-506) (-)

Ion 57.10 (56.80 to 57.80): VV006994.D (-506) (-)



#18

trans-1,2-Dichloroethene

Concen: 0.227 ug/L

RT: 2.79 min Scan# 591

Delta R.T. -0.00 min

Lab File: VV006994.D

Acq: 10 Aug 2018 20:02

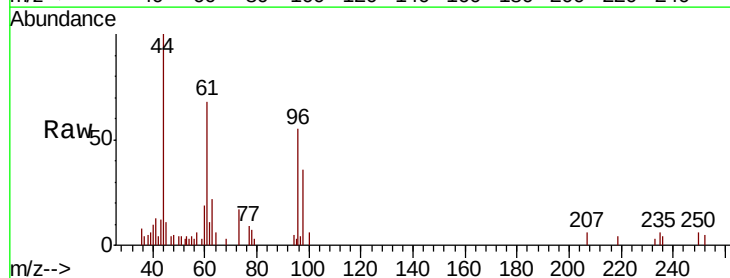
Tgt Ion: 96 Resp: 4169

Ion Ratio Lower Upper

96 100

61 123.3 91.1 169.3

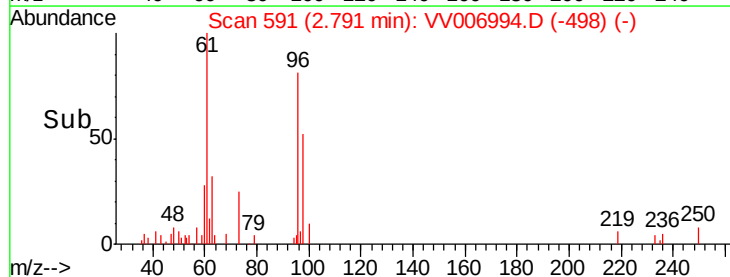
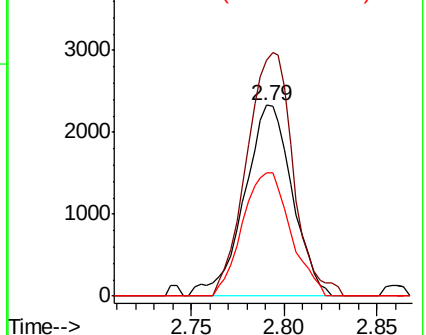
98 64.6 43.5 80.9

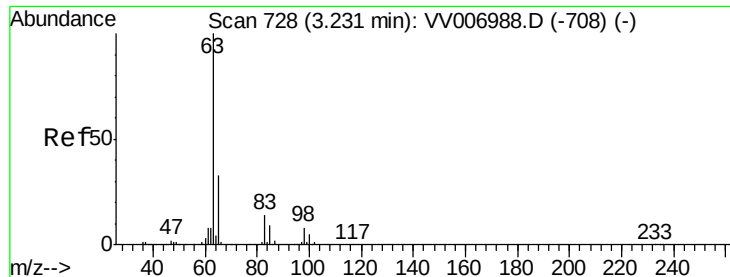


Abundance Ion 96.00 (95.70 to 96.70): VV006994.D (-498) (-)

Ion 61.05 (60.75 to 61.75): VV006994.D (-498) (-)

Ion 97.95 (97.65 to 98.65): VV006994.D (-498) (-)





#19

1,1-Dichloroethane

Concen: 0.202 ug/L

RT: 3.23 min Scan# 727

Delta R.T. -0.00 min

Lab File: VV006994.D

Acq: 10 Aug 2018 20:02

Instrument :

MSVOA_V

ClientSampleId :

MDL05

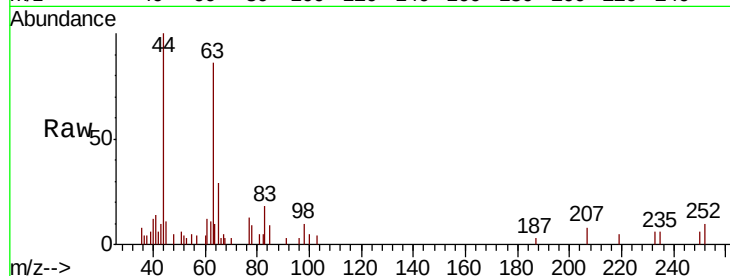
Tot Ion: 63 Resp: 6700

Ion Ratio Lower Upper

63 100

65 30.7 21.7 40.3

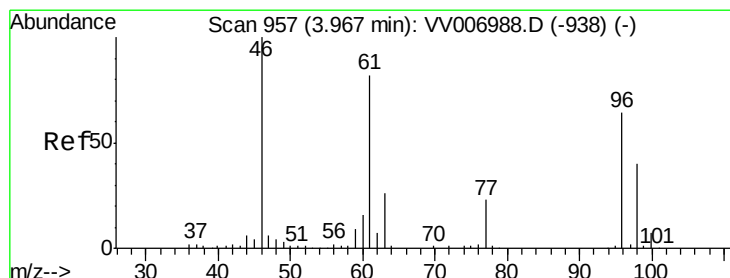
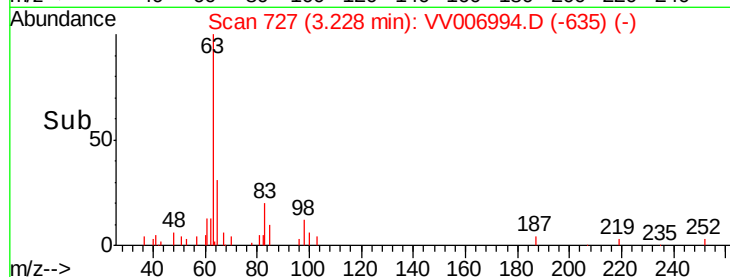
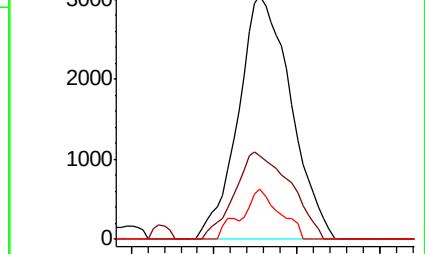
83 18.3 10.0 18.6



Abundance Ion 63.10 (62.80 to 63.80): VV006988.D (-708) (-)

Ion 65.10 (64.80 to 65.80): VV006988.D (-708) (-)

Ion 83.05 (82.75 to 83.75): VV006988.D (-708) (-)



#22

cis-1,2-Dichloroethene

Concen: 0.223 ug/L

RT: 3.96 min Scan# 955

Delta R.T. -0.01 min

Lab File: VV006994.D

Acq: 10 Aug 2018 20:02

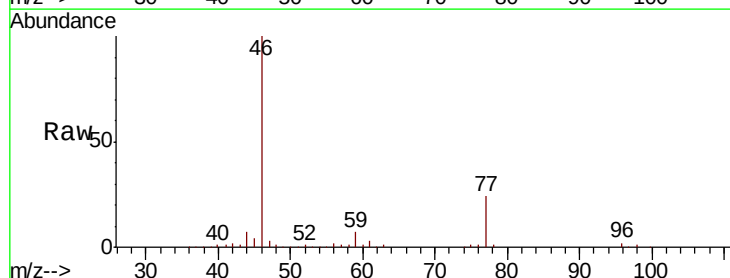
Tgt Ion: 96 Resp: 4661

Ion Ratio Lower Upper

96 100

61 119.9 91.1 169.1

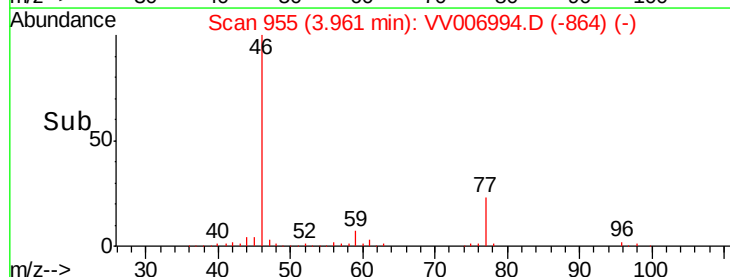
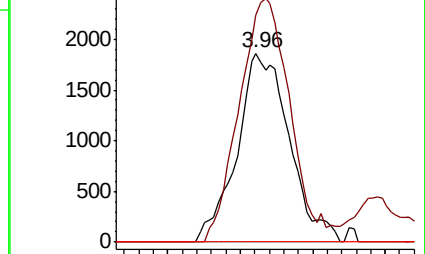
68 0.0 0.0 0.0

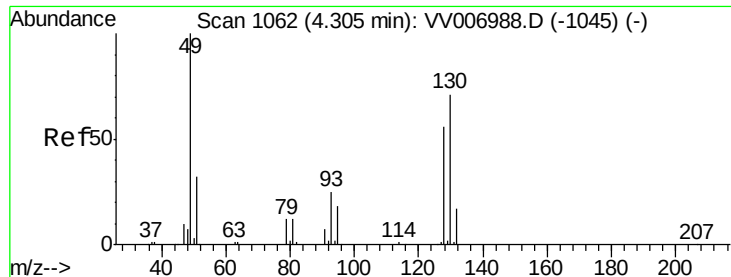


Abundance Ion 96.00 (95.70 to 96.70): VV006988.D (-938) (-)

Ion 61.05 (60.75 to 61.75): VV006988.D (-938) (-)

Ion 68.15 (67.85 to 68.85): VV006988.D (-938) (-)

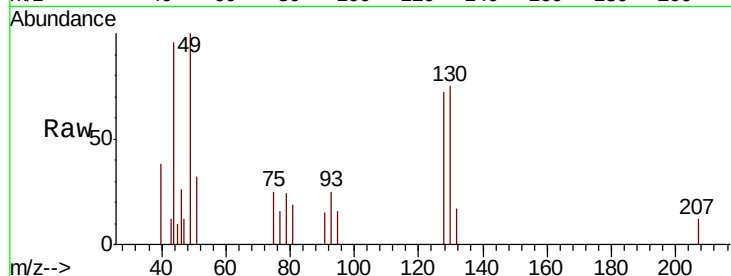




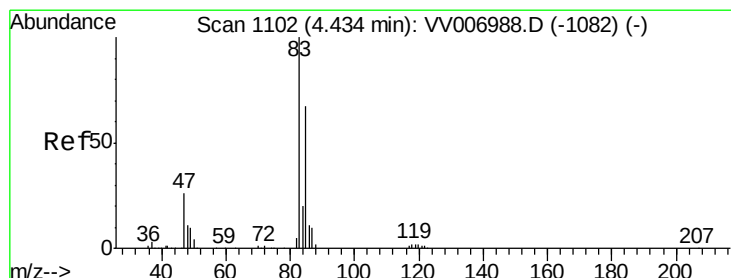
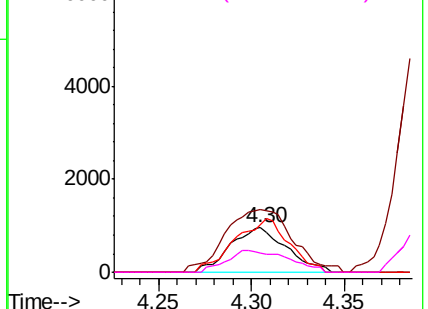
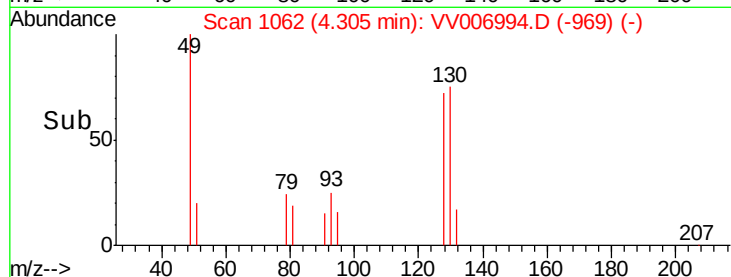
#23
Bromochloromethane
Concen: 0.239 ug/L
RT: 4.30 min Scan# 1062
Delta R.T. 0.00 min
Lab File: VV006994.D
Acq: 10 Aug 2018 20:02

Instrument :
MSVOA_V
ClientSampleId :
MDL05

Tot Ion:128 Resp: 2030
Ion Ratio Lower Upper
128 100
49 139.6 138.6 257.4
130 105.1 90.0 167.2
51 44.2 46.9 70.3#

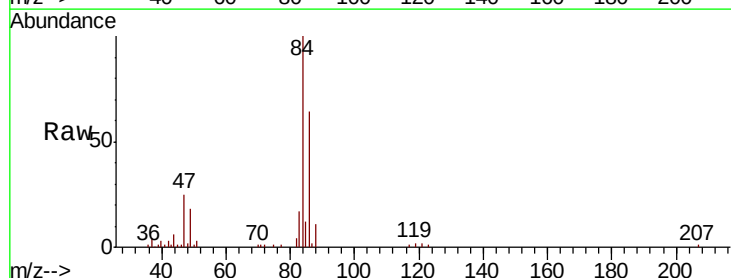


Abundance Ion 127.90 (127.60 to 128.60): V
Ion 49.10 (48.80 to 49.80): VV0
Ion 129.95 (129.65 to 130.65): V
Ion 51.05 (50.75 to 51.75): VV0

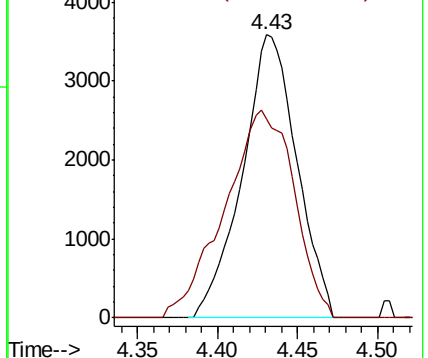
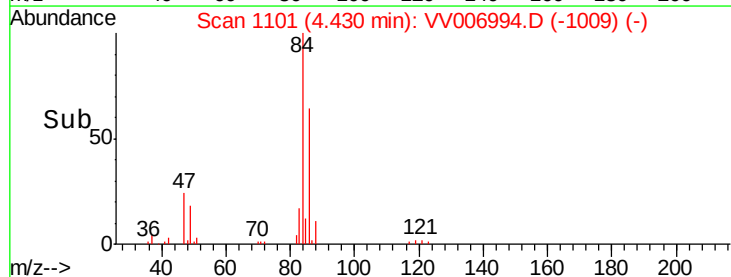


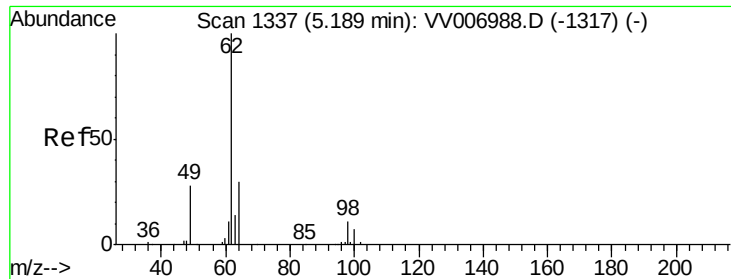
#25
Chloroform
Concen: 0.231 ug/L
RT: 4.43 min Scan# 1101
Delta R.T. -0.00 min
Lab File: VV006994.D
Acq: 10 Aug 2018 20:02

Tgt Ion: 83 Resp: 8402
Ion Ratio Lower Upper
83 100
85 70.5 44.7 82.9



Abundance Ion 83.05 (82.75 to 83.75): VV0
Ion 85.00 (84.70 to 85.70): VV0

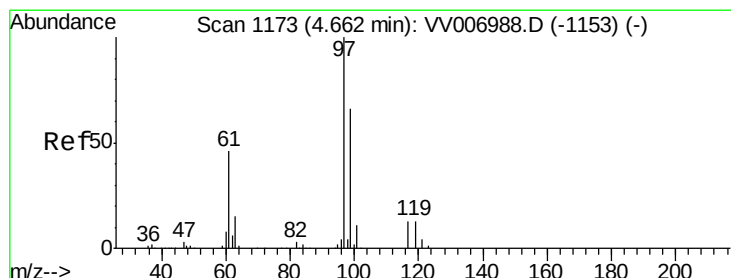
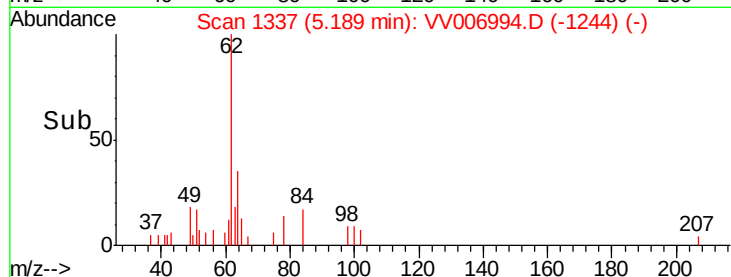
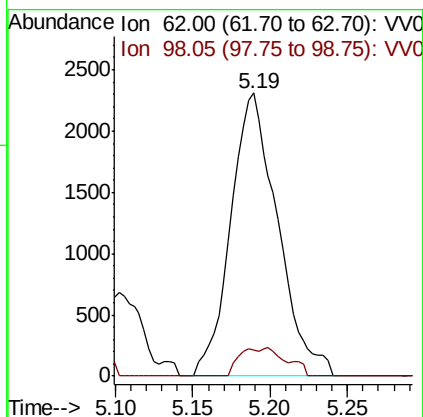
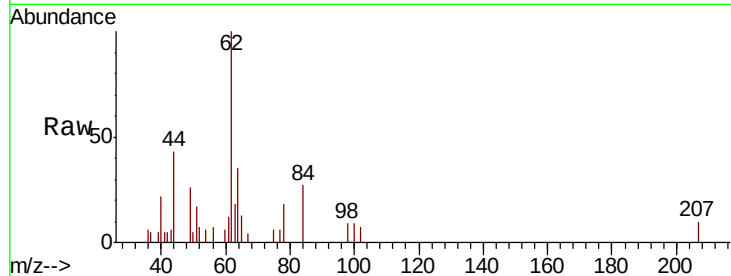




#27
 1,2-Dichloroethane
 Concen: 0.215 ug/L
 RT: 5.19 min Scan# 1337
 Delta R.T. -0.00 min
 Lab File: VV006994.D
 Acq: 10 Aug 2018 20:02

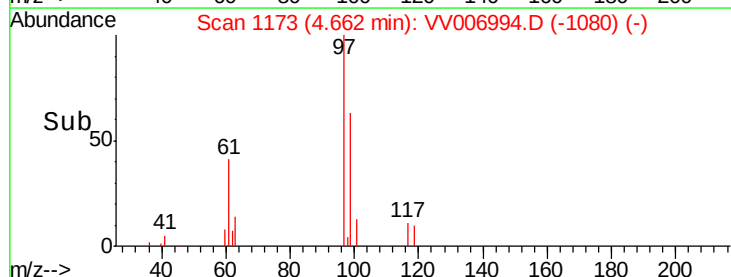
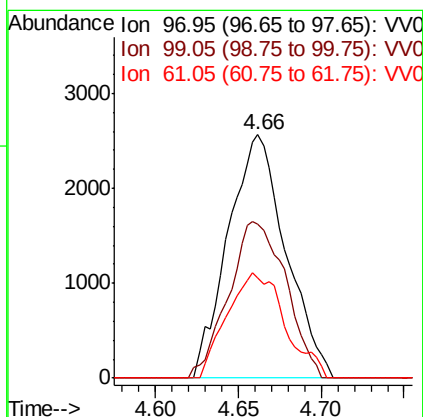
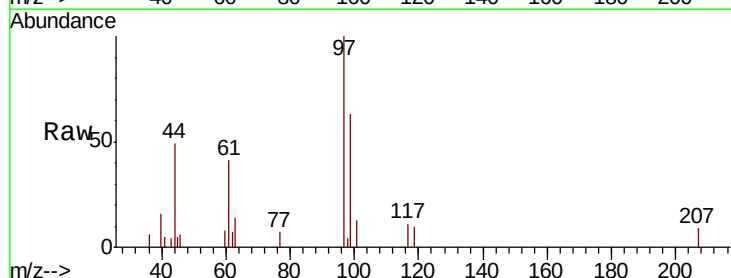
Instrument :
 MSVOA_V
 ClientSampled :
 MDL05

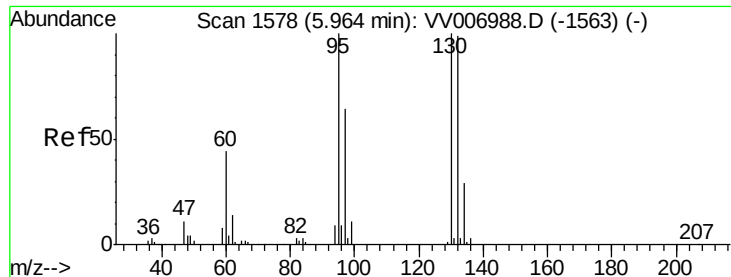
Tot Ion: 62 Resp: 4864
 Ion Ratio Lower Upper
 62 100
 98 9.4 7.6 11.4



#29
 1,1,1-Trichloroethane
 Concen: 0.201 ug/L
 RT: 4.66 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: VV006994.D
 Acq: 10 Aug 2018 20:02

Tgt Ion: 97 Resp: 6209
 Ion Ratio Lower Upper
 97 100
 99 63.9 51.0 76.6
 61 43.6 36.6 54.8





#34

Trichloroethene

Concen: 0.217 ug/L

RT: 5.97 min Scan# 1580

Delta R.T. 0.01 min

Lab File: VV006994.D

Acq: 10 Aug 2018 20:02

Instrument :

MSVOA_V

ClientSampleId :

MDL05

Tot Ion: 95 Resp: 4177

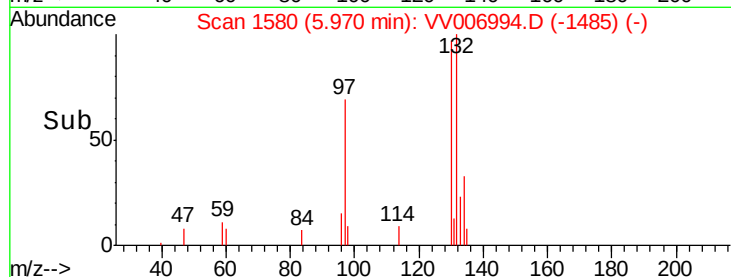
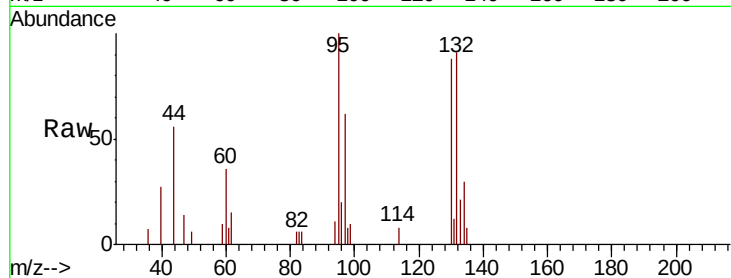
Ion Ratio Lower Upper

95 100

97 62.5 44.8 83.2

132 90.6 65.5 121.6

130 88.4 66.4 123.4

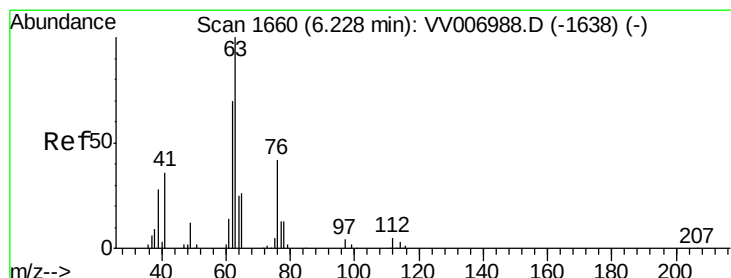
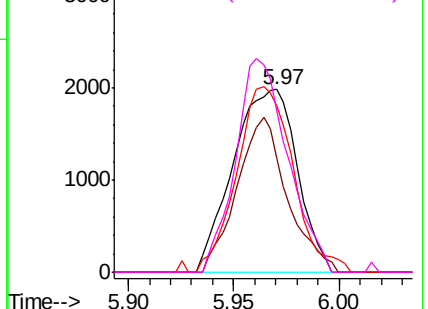


Abundance Ion 95.00 (94.70 to 95.70): VV006988.D (-1563) (-)

Ion 96.95 (96.65 to 97.65): VV006994.D (-1485) (-)

Ion 131.95 (131.65 to 132.65): VV006994.D (-1485) (-)

Ion 129.95 (129.65 to 130.65): VV006994.D (-1485) (-)



#37

1,2-Dichloropropane

Concen: 0.208 ug/L

RT: 6.23 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VV006994.D

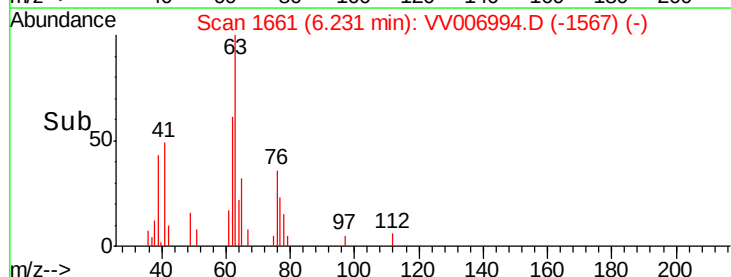
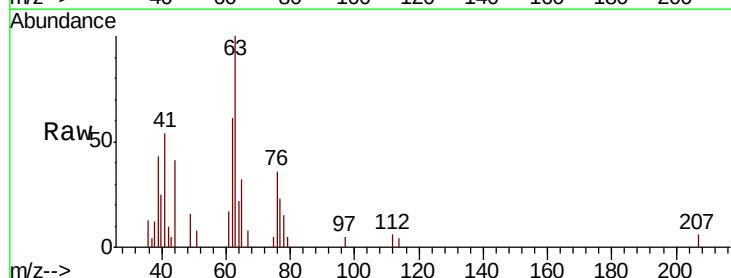
Acq: 10 Aug 2018 20:02

Tgt Ion: 63 Resp: 4562

Ion Ratio Lower Upper

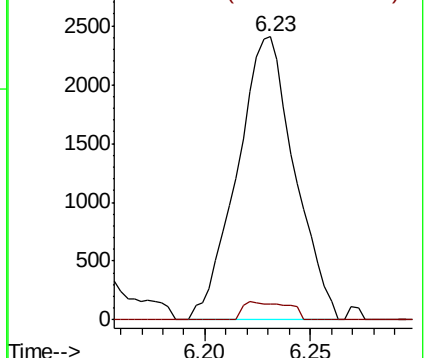
63 100

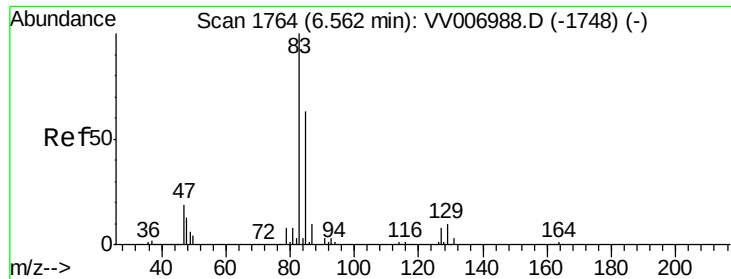
112 5.0 3.5 5.3



Abundance Ion 63.10 (62.80 to 63.80): VV006988.D (-1638) (-)

Ion 112.10 (111.80 to 112.80): VV006994.D (-1567) (-)

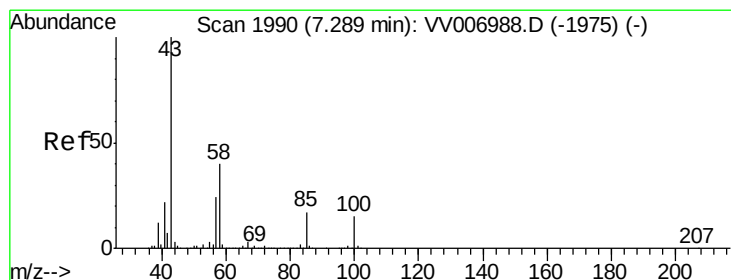
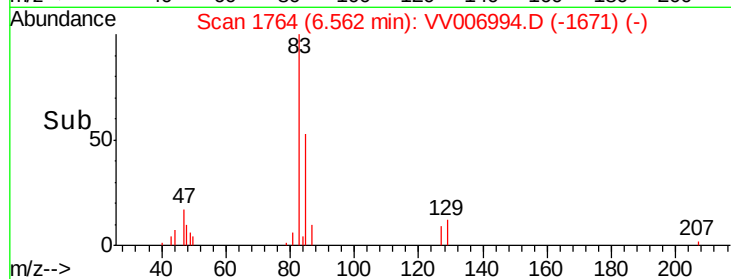
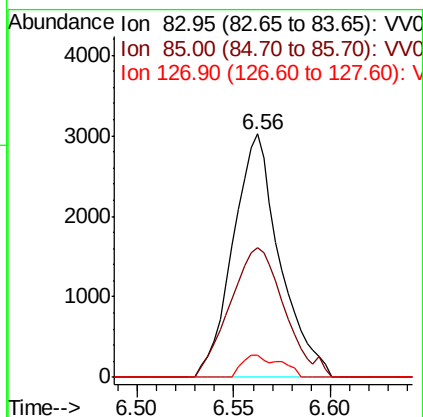
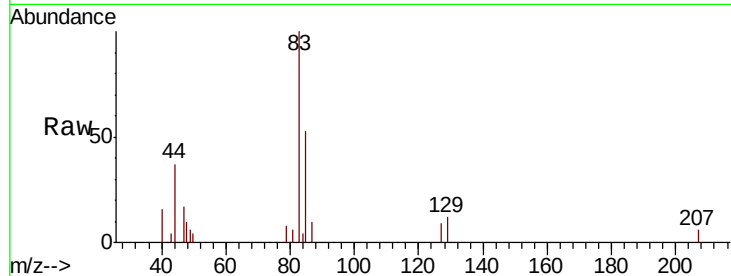




#38
 Bromodichloromethane
 Concen: 0.204 ug/L
 RT: 6.56 min Scan# 1764
 Delta R.T. 0.00 min
 Lab File: VV006994.D
 Acq: 10 Aug 2018 20:02

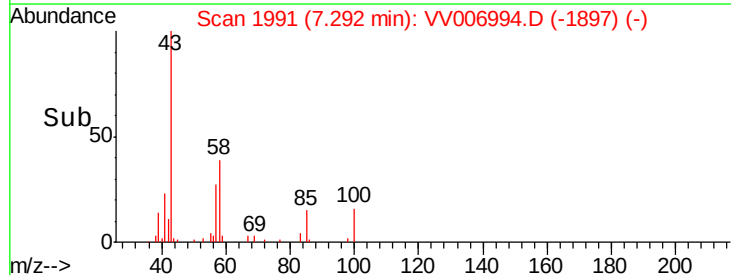
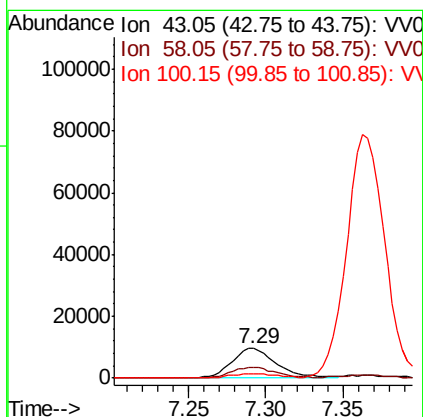
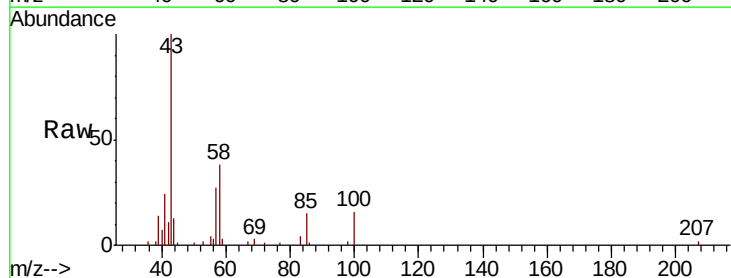
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL05

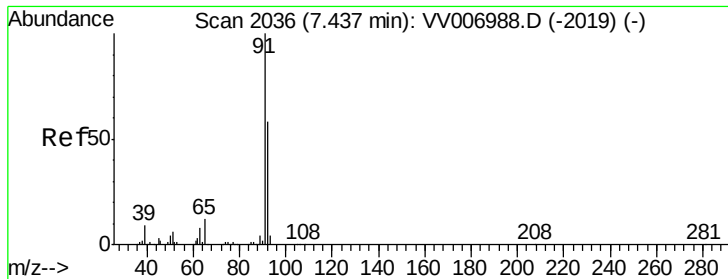
Tot Ion: 83 Resp: 5076
 Ion Ratio Lower Upper
 83 100
 85 53.4 43.8 81.4
 127 9.3 6.6 10.0



#40
 4-Methyl-2-pentanone
 Concen: 1.633 ug/L
 RT: 7.29 min Scan# 1991
 Delta R.T. 0.00 min
 Lab File: VV006994.D
 Acq: 10 Aug 2018 20:02

Tgt Ion: 43 Resp: 19341
 Ion Ratio Lower Upper
 43 100
 58 36.3 30.7 46.1
 100 0.0 11.2 16.8#





#42

Toluene

Concen: 0.200 ug/L

RT: 7.44 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VV006994.D

Acq: 10 Aug 2018 20:02

Instrument :

MSVOA_V

ClientSampled :

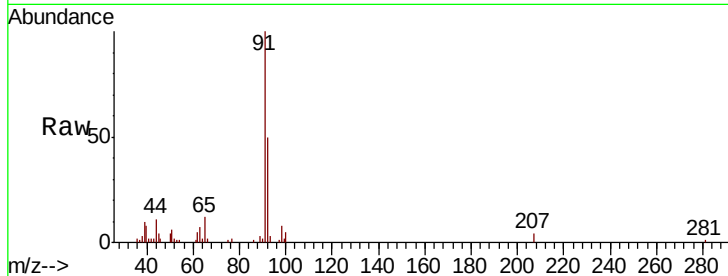
MDL05

Tot Ion: 91 Resp: 15420

Ion Ratio Lower Upper

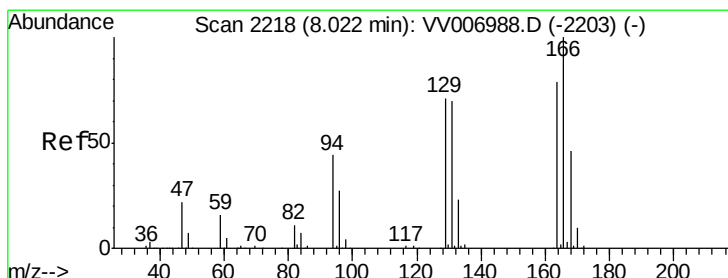
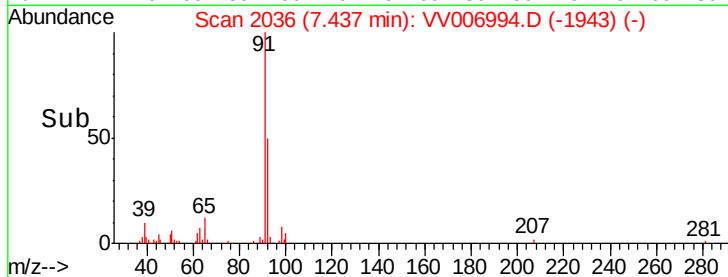
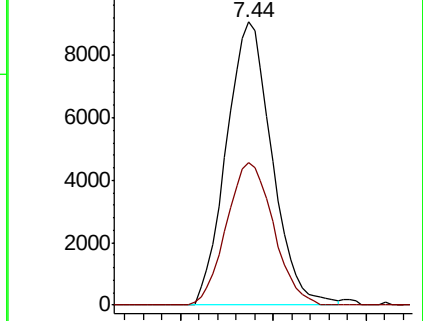
91 100

92 50.5 40.2 74.6



Abundance Ion 91.15 (90.85 to 91.85): VV006988.D (-2019) (-)

Ion 92.15 (91.85 to 92.85): VV006988.D (-2019) (-)



#47

Tetrachloroethene

Concen: 0.209 ug/L

RT: 8.02 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VV006994.D

Acq: 10 Aug 2018 20:02

Tgt Ion: 164 Resp: 3252

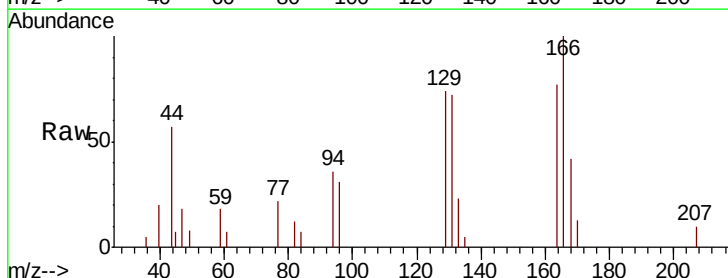
Ion Ratio Lower Upper

164 100

129 96.0 65.9 122.3

131 93.7 64.2 119.2

166 130.0 89.4 166.0

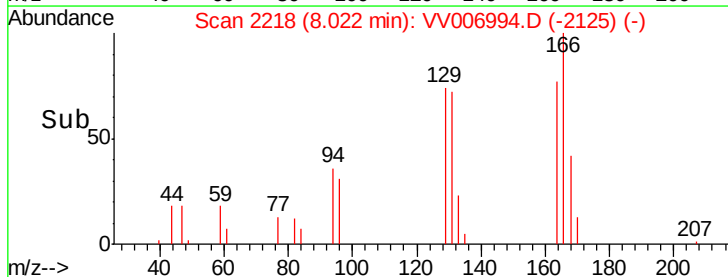
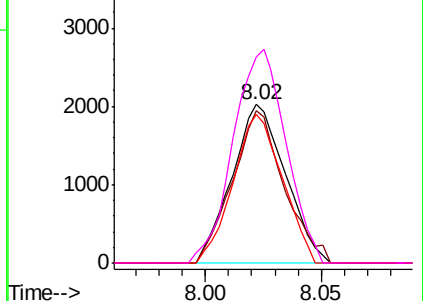


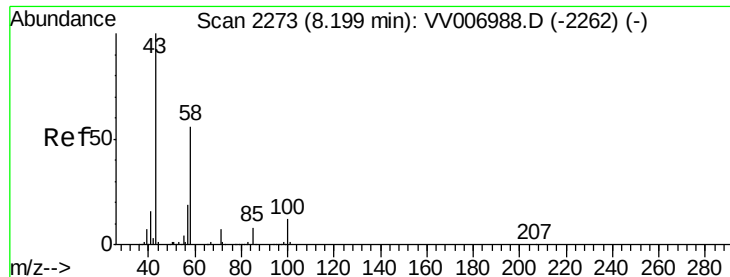
Abundance Ion 163.90 (163.60 to 164.60): VV006988.D (-2203) (-)

Ion 128.95 (128.65 to 129.65): VV006988.D (-2203) (-)

Ion 130.95 (130.65 to 131.65): VV006988.D (-2203) (-)

Ion 165.90 (165.60 to 166.60): VV006988.D (-2203) (-)

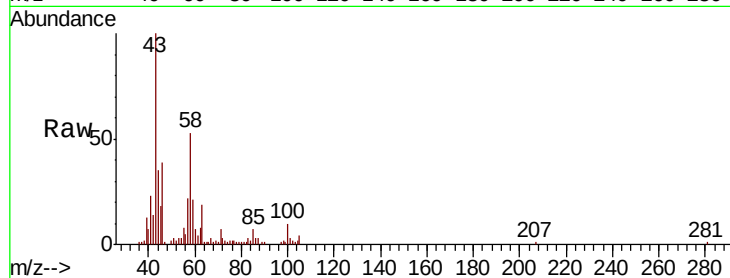




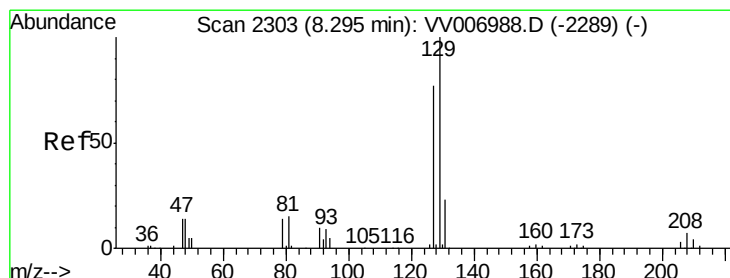
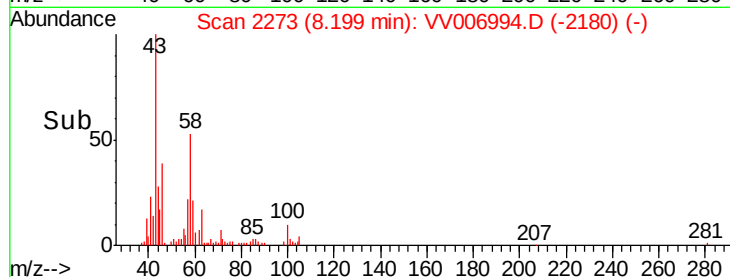
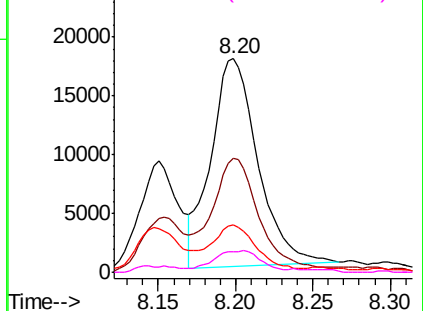
#48
2-Hexanone
Concen: 4.464 ug/L
RT: 8.20 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VV006994.D
Acq: 10 Aug 2018 20:02

Instrument :
MSVOA_V
ClientSampled :
MDL05

Tot Ion: 43 Resp: 37302
Ion Ratio Lower Upper
43 100
58 51.3 44.2 66.2
57 21.7 14.8 22.2
100 9.0 8.8 13.2

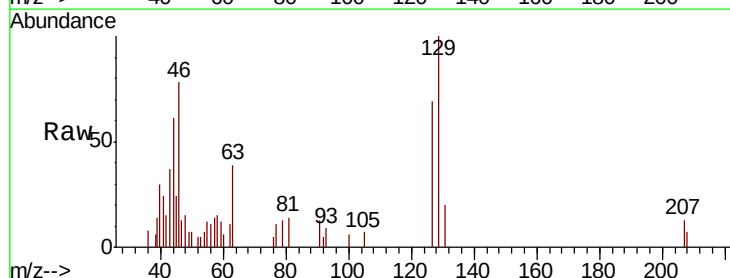


Abundance Ion 43.05 (42.75 to 43.75): VV006994.D (-2180) (-)
Ion 58.05 (57.75 to 58.75): VV006994.D (-2180) (-)
Ion 57.20 (56.90 to 57.90): VV006994.D (-2180) (-)
Ion 100.15 (99.85 to 100.85): VV006994.D (-2180) (-)

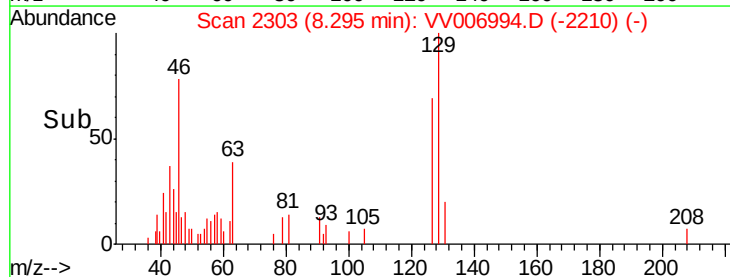
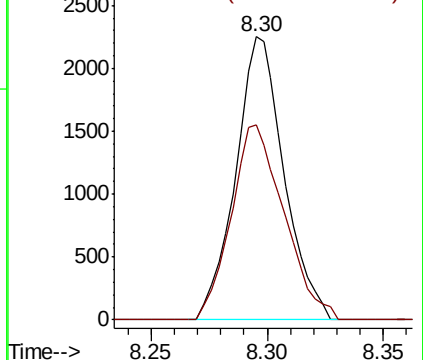


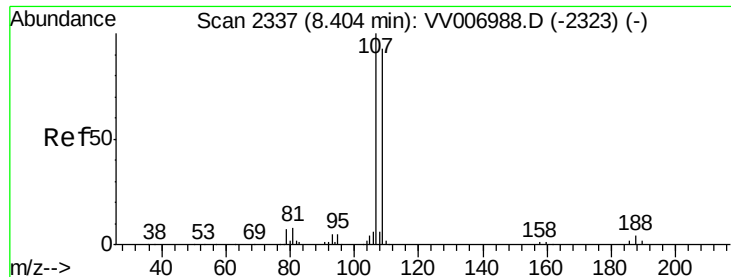
#49
Dibromochloromethane
Concen: 0.218 ug/L
RT: 8.30 min Scan# 2303
Delta R.T. 0.00 min
Lab File: VV006994.D
Acq: 10 Aug 2018 20:02

Tgt Ion: 129 Resp: 3261
Ion Ratio Lower Upper
129 100
127 68.7 53.3 98.9



Abundance Ion 128.95 (128.65 to 129.65): VV006994.D (-2210) (-)
Ion 126.90 (126.60 to 127.60): VV006994.D (-2210) (-)





#50

1,2-Dibromoethane

Concen: 0.215 ug/L

RT: 8.41 min Scan# 2338

Delta R.T. 0.00 min

Lab File: VV006994.D

Acq: 10 Aug 2018 20:02

Instrument :

MSVOA_V

ClientSampleId :

MDL05

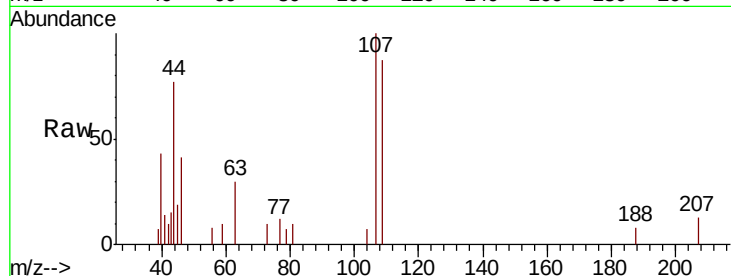
Tot Ion:107 Resp: 2591

Ion Ratio Lower Upper

107 100

109 86.9 64.1 119.1

188 8.2 4.0 6.0#

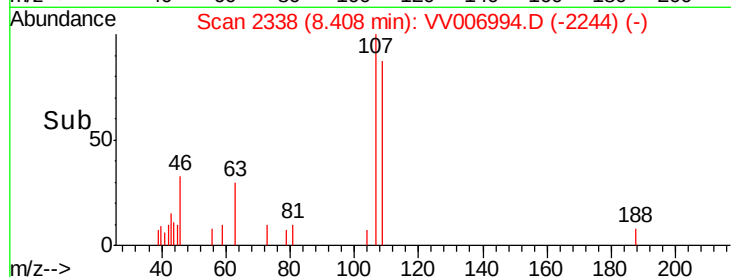


Abundance Ion 106.95 (106.65 to 107.65): V

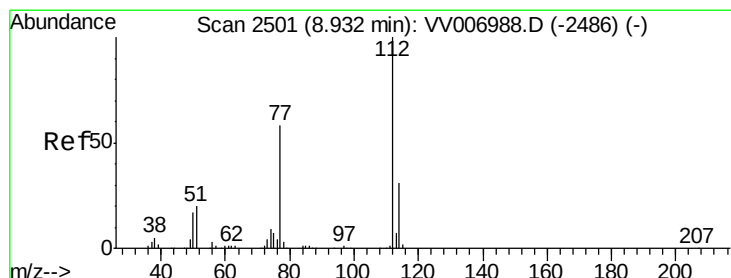
Ion 109.00 (108.70 to 109.70): V

Ion 187.90 (187.60 to 188.60): V

Time--> 8.35 8.40 8.45



Time--> 8.35 8.40 8.45



#51

Chlorobenzene

Concen: 0.203 ug/L

RT: 8.93 min Scan# 2501

Delta R.T. 0.00 min

Lab File: VV006994.D

Acq: 10 Aug 2018 20:02

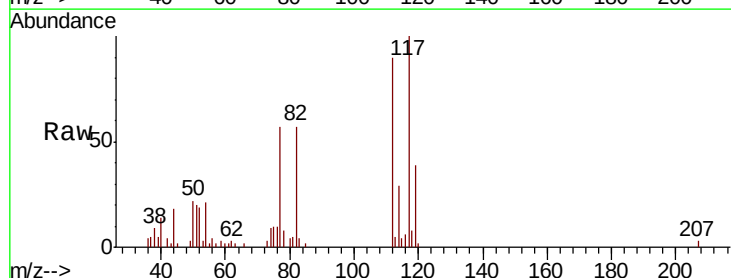
Tgt Ion:112 Resp: 9970

Ion Ratio Lower Upper

112 100

114 32.1 21.8 40.6

77 63.2 48.0 72.0

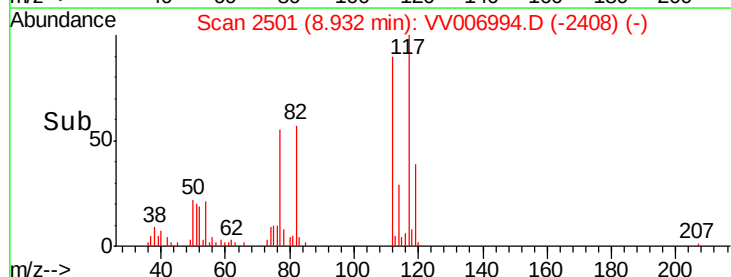


Abundance Ion 112.10 (111.80 to 112.80): V

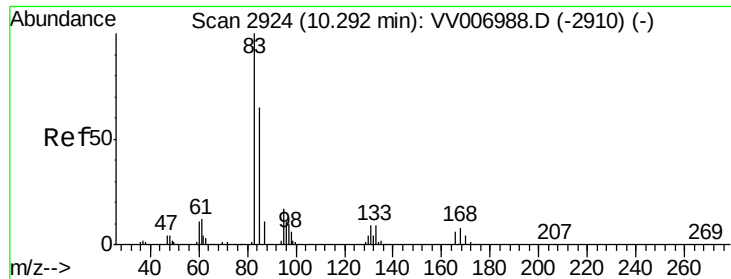
Ion 114.05 (113.75 to 114.75): V

Ion 77.10 (76.80 to 77.80): VV0

Time--> 8.85 8.90 8.95 9.00



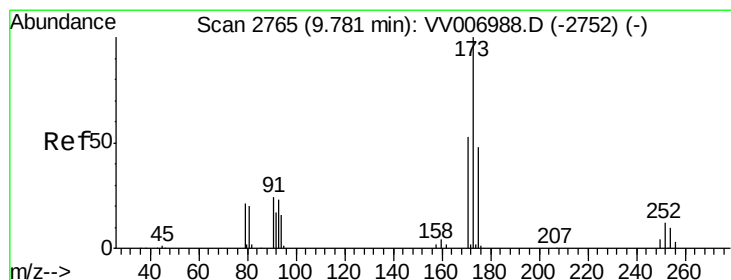
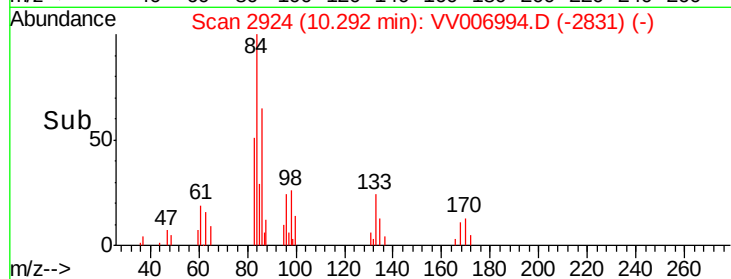
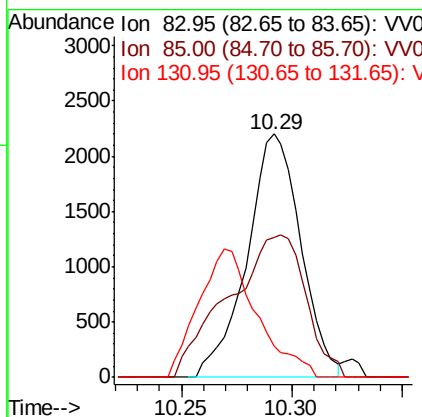
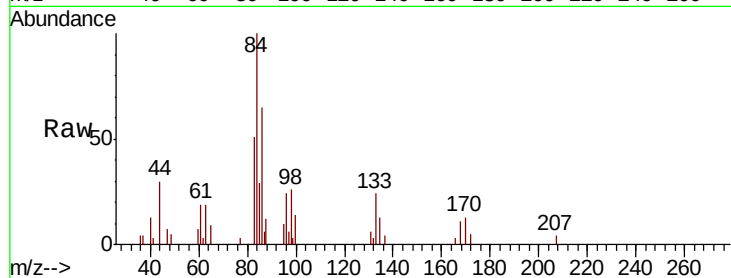
Time--> 8.85 8.90 8.95 9.00



#58
 1,1,2,2-Tetrachloroethane
 Concen: 0.214 ug/L
 RT: 10.29 min Scan# 2924
 Delta R.T. 0.00 min
 Lab File: VV006994.D
 Acq: 10 Aug 2018 20:02

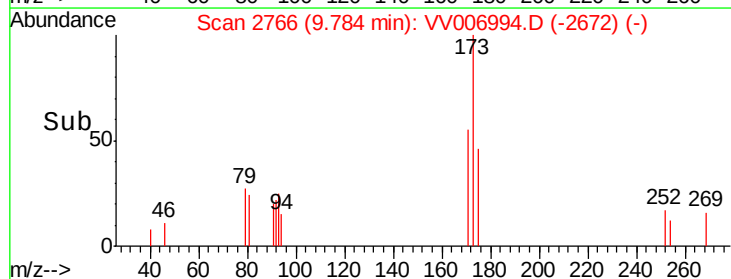
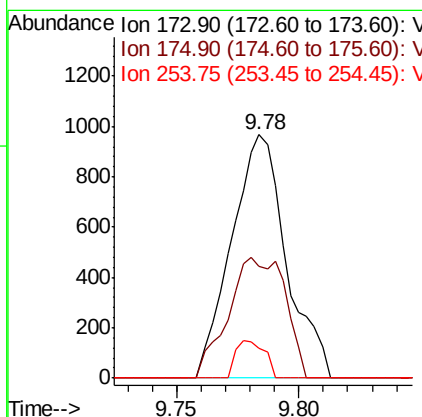
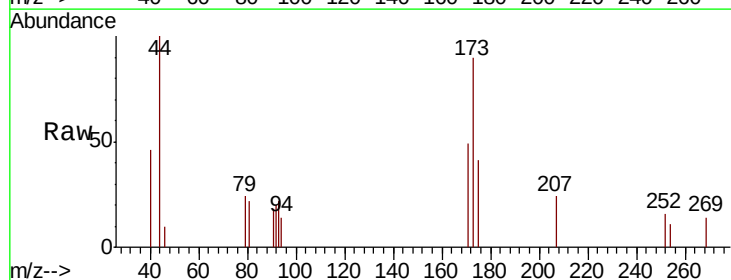
Instrument :
 MSVOA_V
 ClientSampled :
 MDL05

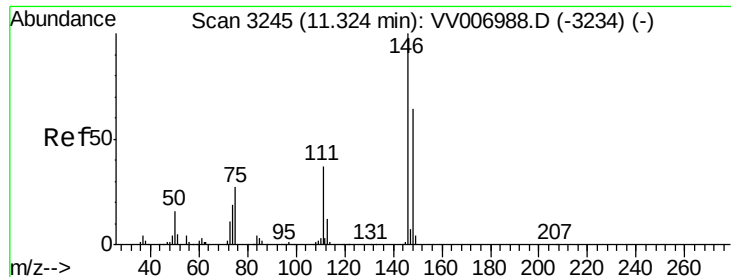
Tot Ion	83	Resp	3718
Ion	Ratio	Lower	Upper
83	100		
85	57.5	43.0	79.8
131	12.6	7.4	11.2#



#61
 Bromoform
 Concen: 0.212 ug/L
 RT: 9.78 min Scan# 2766
 Delta R.T. 0.00 min
 Lab File: VV006994.D
 Acq: 10 Aug 2018 20:02

Tgt Ion	173	Resp	1505
Ion	Ratio	Lower	Upper
173	100		
175	51.7	39.3	58.9
254	8.0	8.3	12.5#

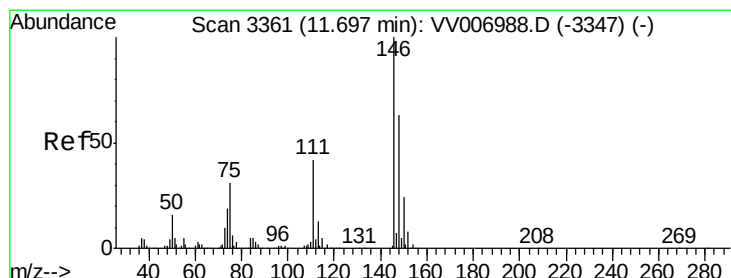
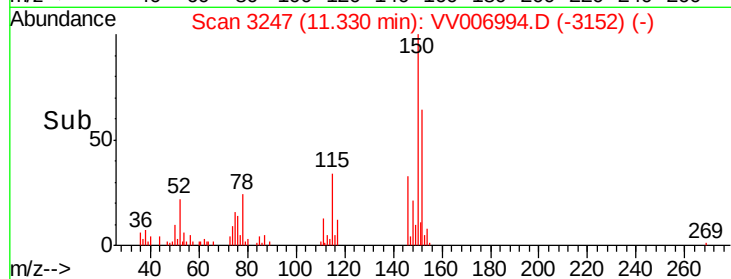
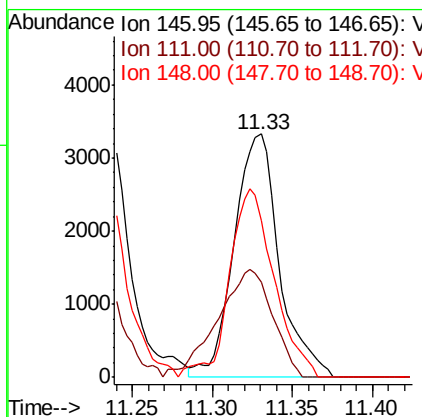
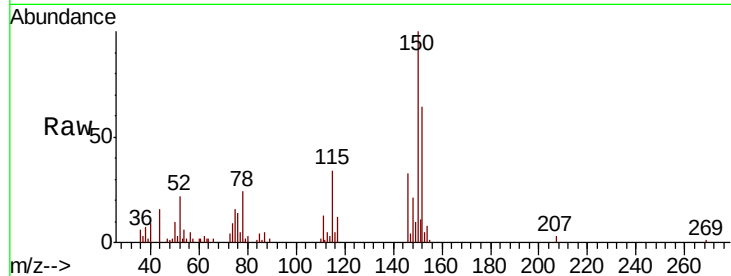




#63
 1,4-Dichlorobenzene
 Concen: 0.206 ug/L
 RT: 11.33 min Scan# 3247
 Delta R.T. 0.01 min
 Lab File: VV006994.D
 Acq: 10 Aug 2018 20:02

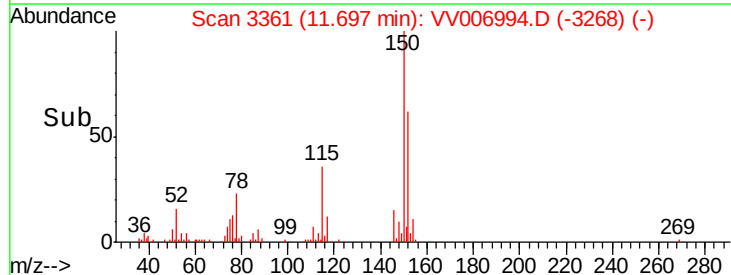
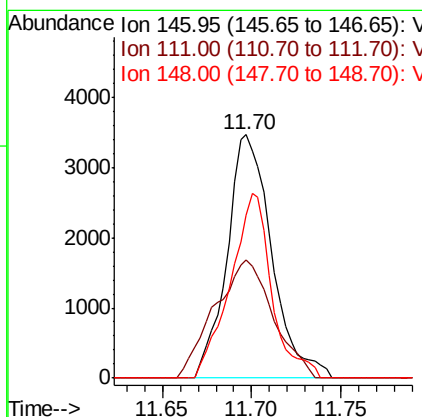
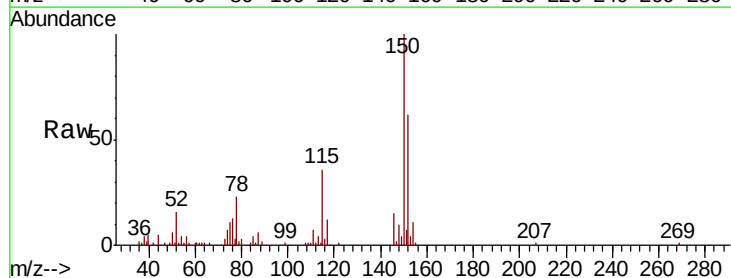
Instrument :
 MSVOA_V
 ClientSampleId :
 MDL05

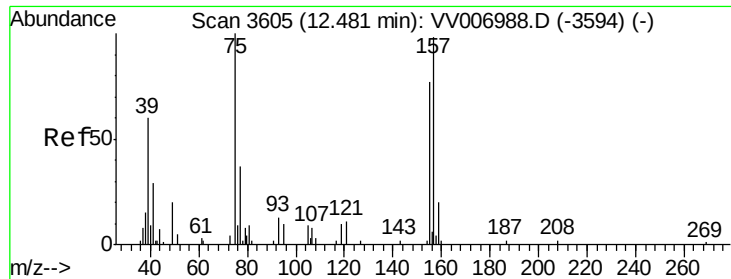
Tot Ion:146 Resp: 6401
 Ion Ratio Lower Upper
 146 100
 111 39.1 26.6 49.4
 148 64.3 46.4 86.2



#65
 1,2-Dichlorobenzene
 Concen: 0.203 ug/L
 RT: 11.70 min Scan# 3361
 Delta R.T. 0.00 min
 Lab File: VV006994.D
 Acq: 10 Aug 2018 20:02

Tgt Ion:146 Resp: 6054
 Ion Ratio Lower Upper
 146 100
 111 48.4 33.0 49.6
 148 67.0 50.6 75.8





#66

1,2-Dibromo-3-chloropropane

Concen: 0.217 ug/L

RT: 12.49 min Scan# 3607

Delta R.T. 0.01 min

Lab File: VV006994.D

Acq: 10 Aug 2018 20:02

Instrument :

MSVOA_V

ClientSampleId :

MDL05

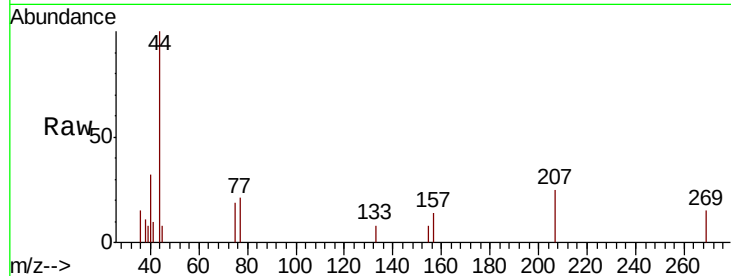
Tot Ion: 75 Resp: 460

Ion Ratio Lower Upper

75 100

155 0.0 62.6 94.0#

157 72.7 77.0 115.6#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 154.95 (154.65 to 155.65): V

Ion 156.90 (156.60 to 157.60): V

