

Data File : VV012346.D
Acq On : 22 Aug 2019 14:40
Operator : SY/MD
Sample : K4481-01
Misc : 5mL/MSVOA_V/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0XL9

Quant Time: Aug 23 06:59:26 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM082119WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 23 06:55:48 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	196825	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	185938	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	85225	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	36042	38.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.36%
7) Chloroethane-d5	1.58	69	27773	41.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.14%
11) 1,1-Dichloroethene-d2	2.13	63	59684	32.53	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.06%
21) 2-Butanone-d5	3.93	46	57156	78.69	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	78.69%
24) Chloroform-d	4.40	84	119132	44.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.96%
26) 1,2-Dichloroethane-d4	5.08	65	89992	49.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.54%
32) Benzene-d6	5.10	84	226461	45.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.34%
36) 1,2-Dichloropropane-d6	6.12	67	60321	44.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.98%
41) Toluene-d8	7.36	98	219653	45.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.90%
43) trans-1,3-Dichloropropene-	7.66	79	36075	43.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	87.36%
47) 2-Hexanone-d5	8.13	63	42251	76.35	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	76.35%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	84100	44.04	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.08%
64) 1,2-Dichlorobenzene-d4	11.67	152	93116	49.70	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.40%

Target Compounds

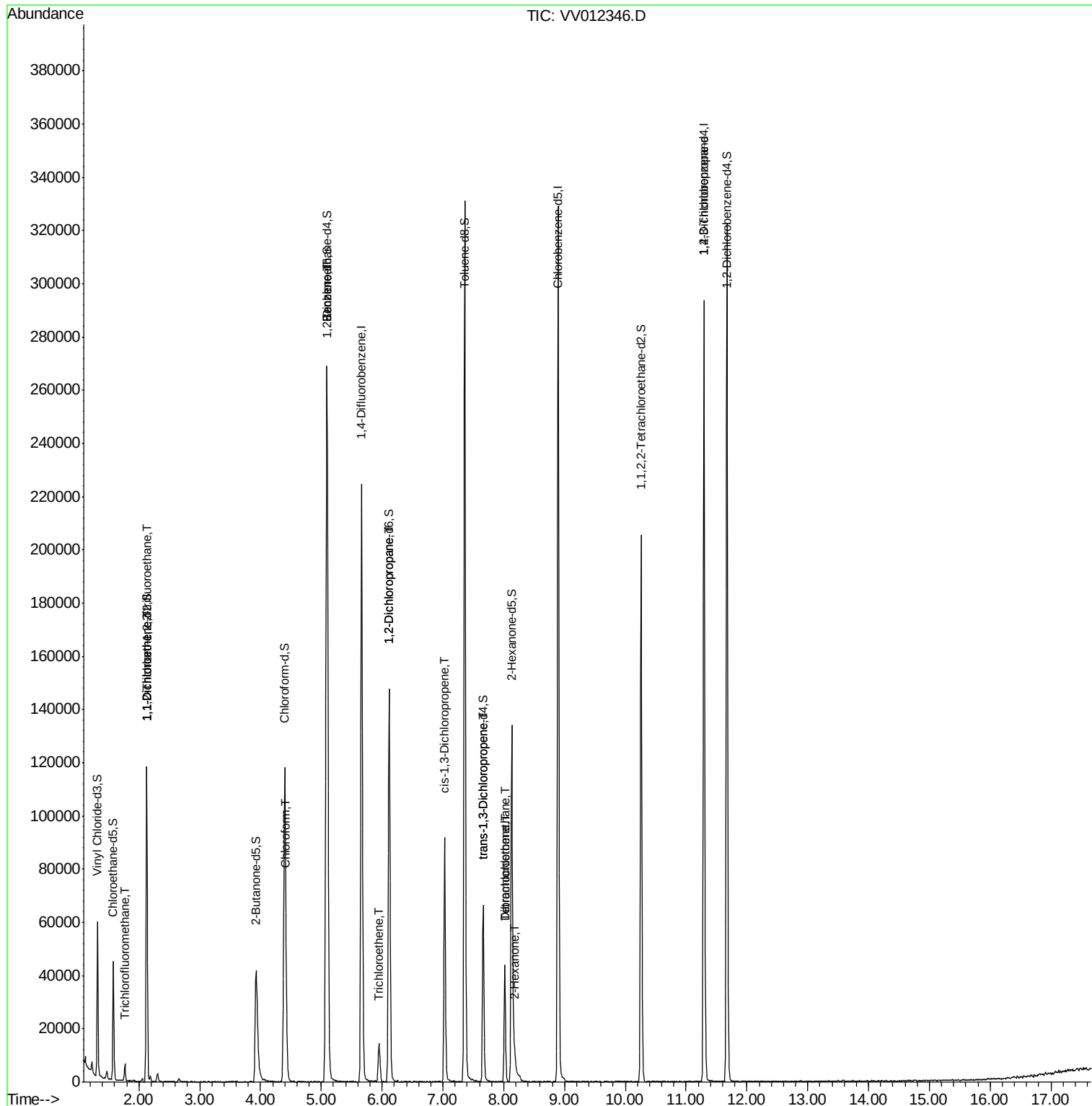
						Qvalue
9) Trichlorofluoromethane	1.77	101	3032	1.585	ug/L	92
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	559	0.645	ug/L #	13
12) 1,1-Dichloroethene	2.13	96	596	0.753	ug/L #	1
25) Chloroform	4.43	83	7902	3.182	ug/L	96
33) Benzene	5.10	78	2220	0.474	ug/L	100
34) Trichloroethene	5.96	95	1343	0.978	ug/L	84
37) 1,2-Dichloropropane	6.12	63	8458	7.961	ug/L #	82
39) cis-1,3-Dichloropropene	7.03	75	2523	1.279	ug/L #	70
44) trans-1,3-Dichloropropene	7.66	75	1571	0.836	ug/L	86
46) Tetrachloroethene	8.02	164	10828	8.243	ug/L	97
48) 2-Hexanone	8.18	43	3039	2.818	ug/L #	67
49) Dibromochloromethane	8.02	129	9333	5.619	ug/L #	11
59) 1,2,3-Trichloropropane	11.29	75	7149	4.722	ug/L #	83

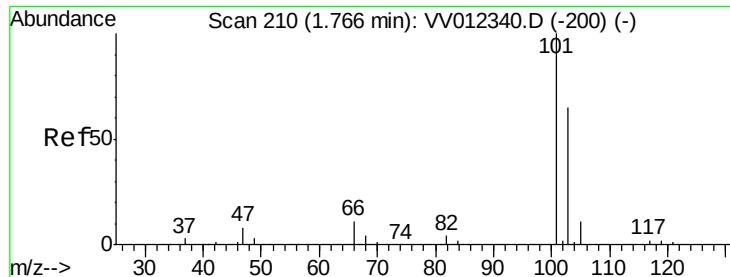
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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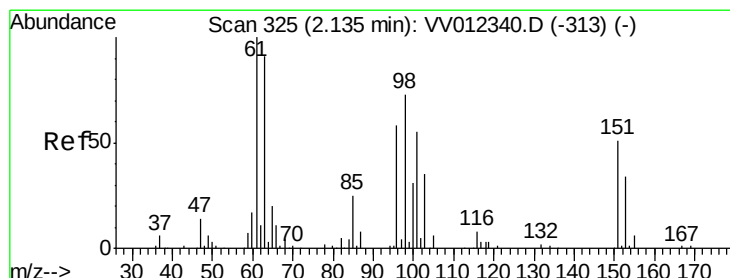
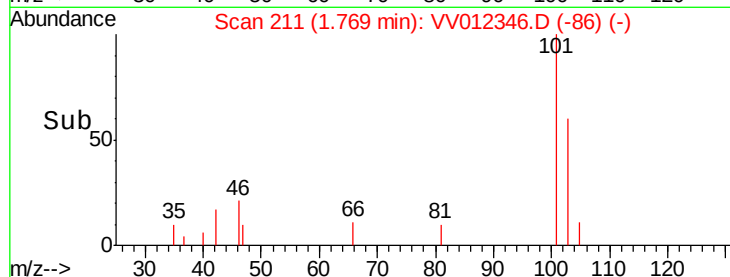
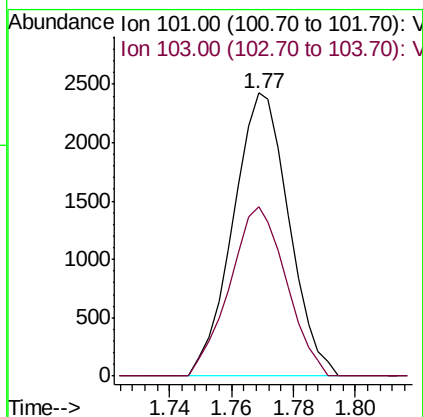
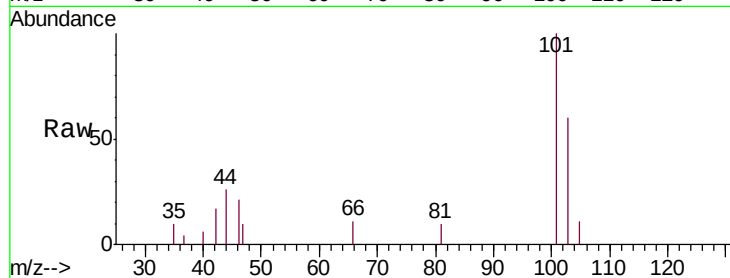


#9

Trichlorofluoromethane
 Concen: 1.585 ug/L
 RT: 1.77 min Scan# 211
 Delta R.T. 0.00 min
 Lab File: VV012346.D
 Acq: 22 Aug 2019 14:40

Instrument :
 MSVOA_V
 ClientSampled :
 C0XL9

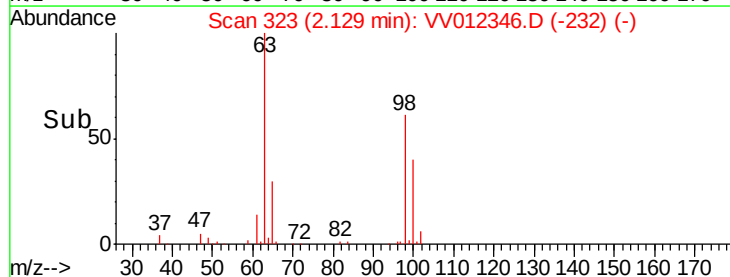
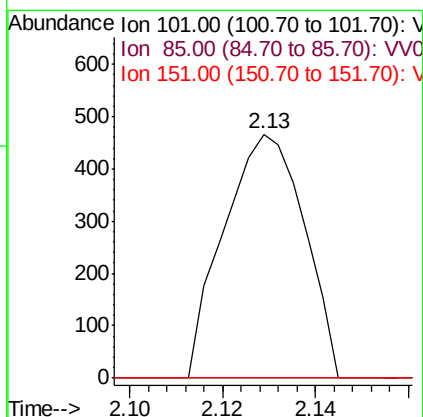
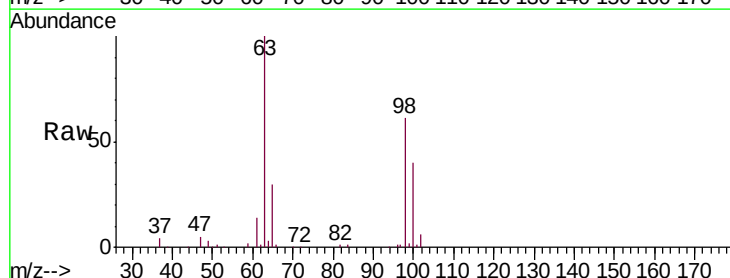
Tgt Ion:101 Resp: 3032
 Ion Ratio Lower Upper
 101 100
 103 60.5 53.2 79.8

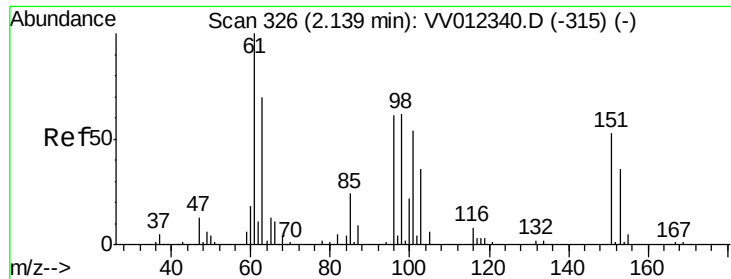


#10

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.645 ug/L
 RT: 2.13 min Scan# 323
 Delta R.T. -0.01 min
 Lab File: VV012346.D
 Acq: 22 Aug 2019 14:40

Tgt Ion:101 Resp: 559
 Ion Ratio Lower Upper
 101 100
 85 0.0 33.7 50.5#
 151 0.0 73.0 109.6#

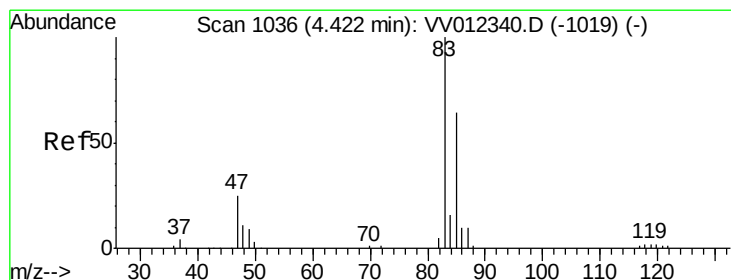
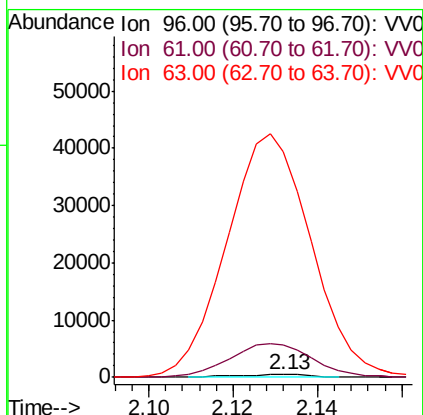
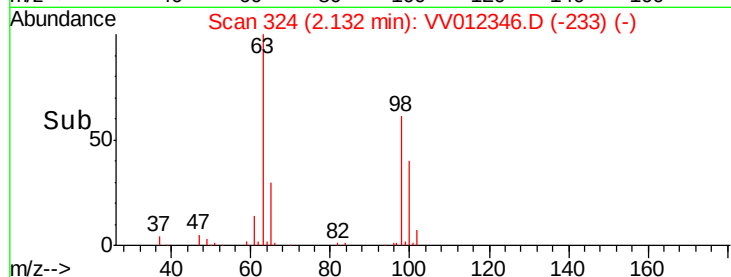
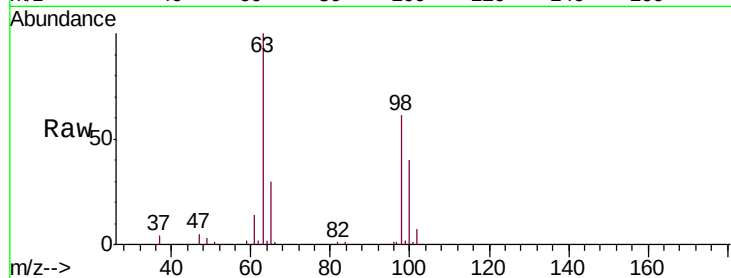




#12
 1,1-Dichloroethene
 Concen: 0.753 ug/L
 RT: 2.13 min Scan# 324
 Delta R.T. -0.01 min
 Lab File: VV012346.D
 Acq: 22 Aug 2019 14:40

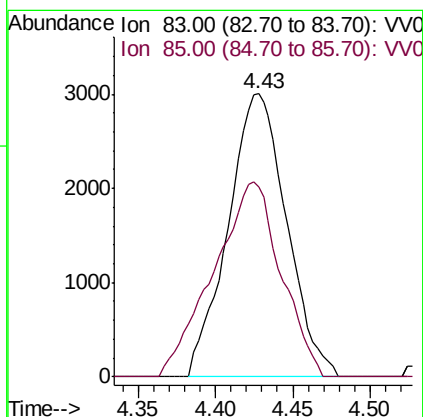
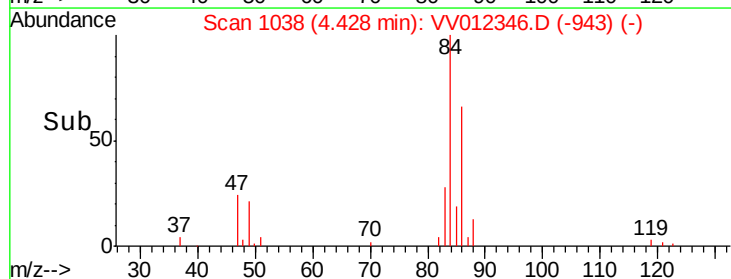
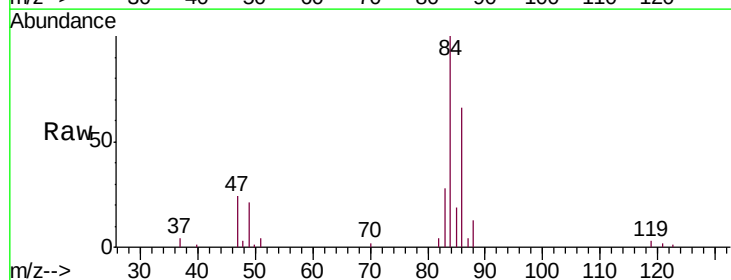
Instrument :
 MSVOA_V
 ClientSampled :
 C0XL9

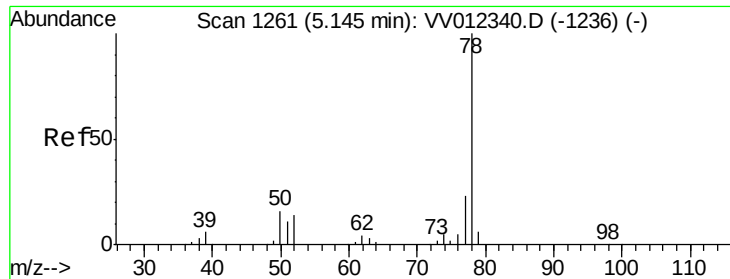
Tgt Ion: 96 Resp: 596
 Ion Ratio Lower Upper
 96 100
 61 679.8 122.6 227.8#
 63 4756.5 98.6 183.2#



#25
 Chloroform
 Concen: 3.182 ug/L
 RT: 4.43 min Scan# 1038
 Delta R.T. 0.01 min
 Lab File: VV012346.D
 Acq: 22 Aug 2019 14:40

Tgt Ion: 83 Resp: 7902
 Ion Ratio Lower Upper
 83 100
 85 67.0 44.5 82.7





#33

Benzene

Concen: 0.474 ug/L

RT: 5.10 min Scan# 1247

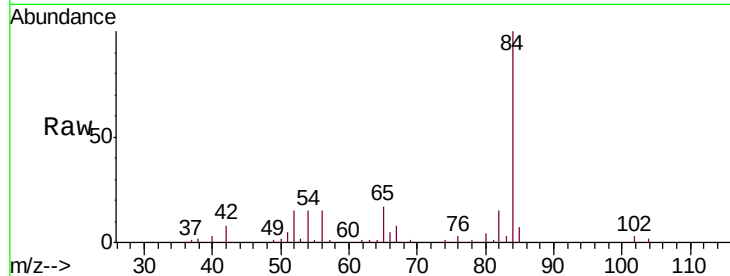
Delta R.T. -0.05 min

Lab File: VV012346.D

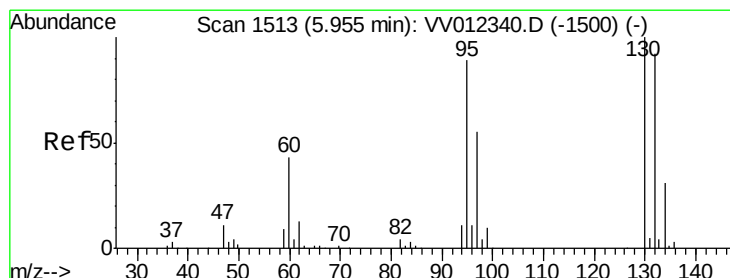
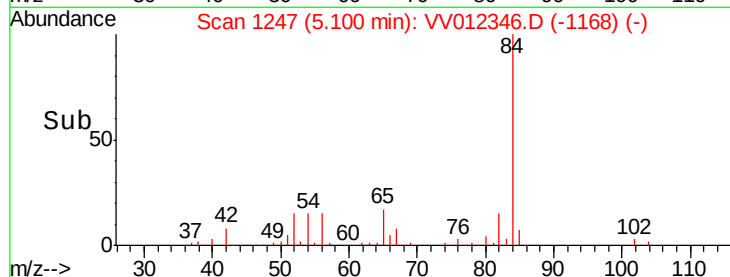
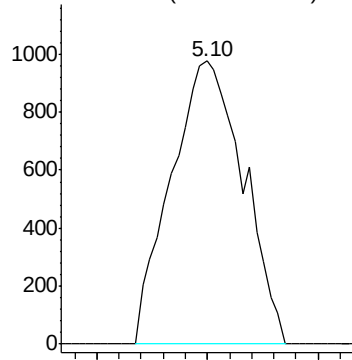
Acq: 22 Aug 2019 14:40

Instrument :
MSVOA_V
ClientSampled :
C0XL9

Tgt Ion: 78 Resp: 2220



Abundance Ion 78.00 (77.70 to 78.70): VV0



#34

Trichloroethene

Concen: 0.978 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. 0.01 min

Lab File: VV012346.D

Acq: 22 Aug 2019 14:40

Tgt Ion: 95 Resp: 1343

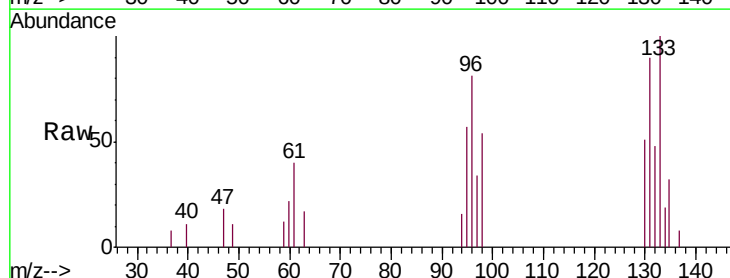
Ion Ratio Lower Upper

95 100

97 60.0 43.6 81.0

132 85.3 73.9 137.3

130 89.4 76.6 142.2

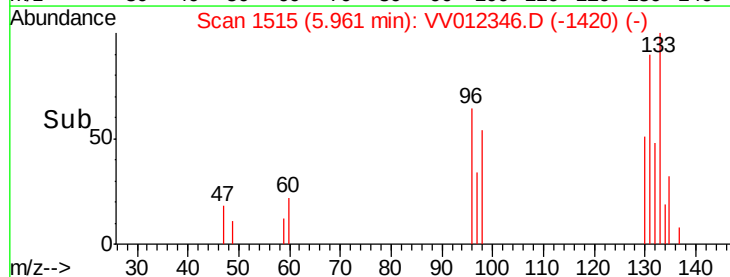
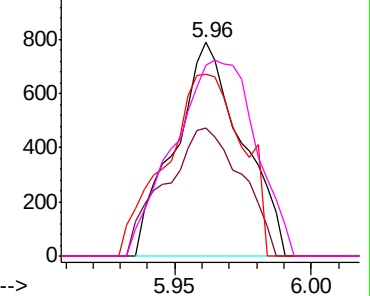


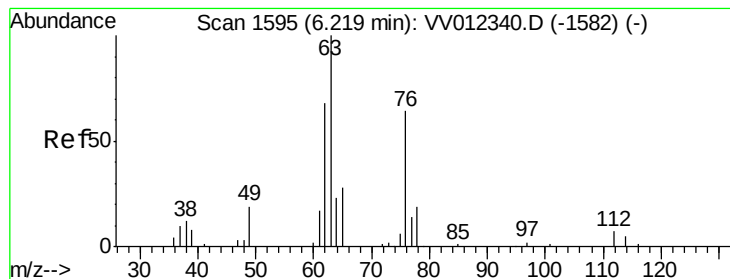
Abundance Ion 95.00 (94.70 to 95.70): VV0

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

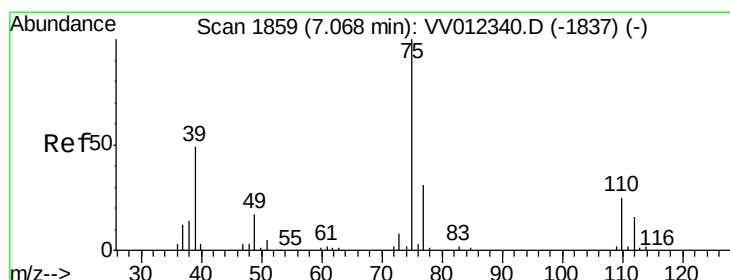
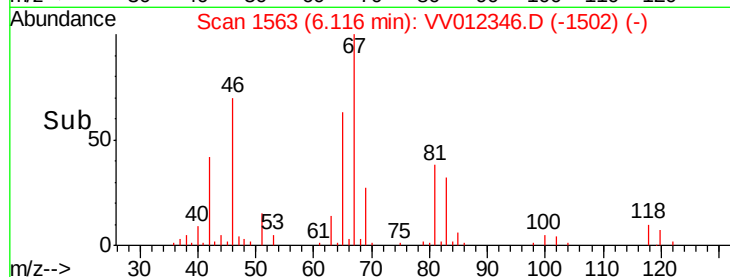
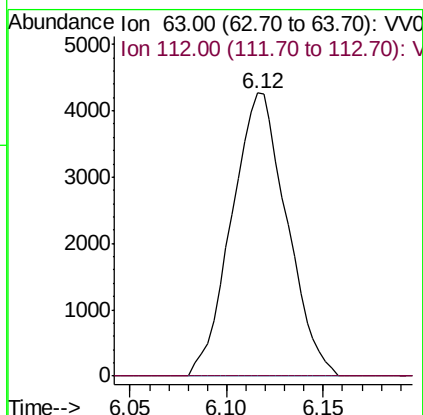
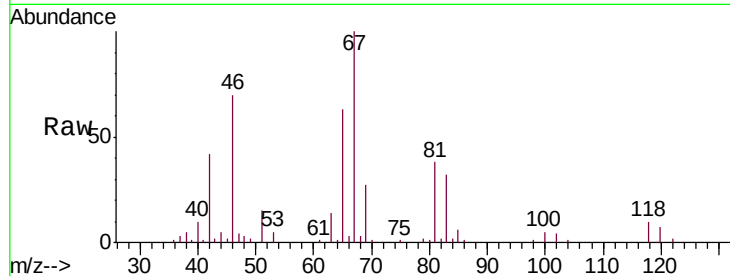




#37
 1,2-Dichloropropane
 Concen: 7.961 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.10 min
 Lab File: VV012346.D
 Acq: 22 Aug 2019 14:40

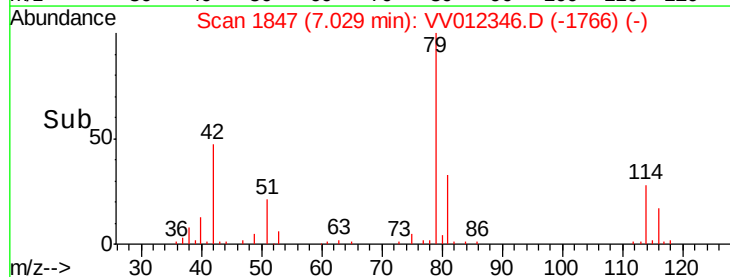
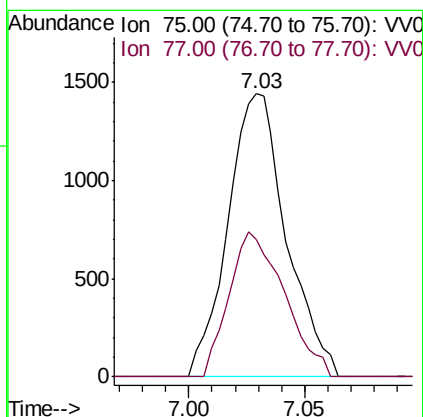
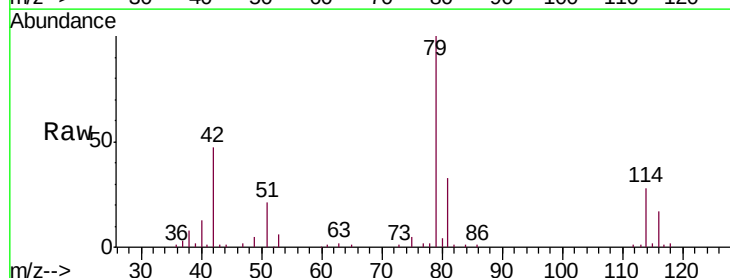
Instrument :
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 ClientSampleID :
 C0XL9

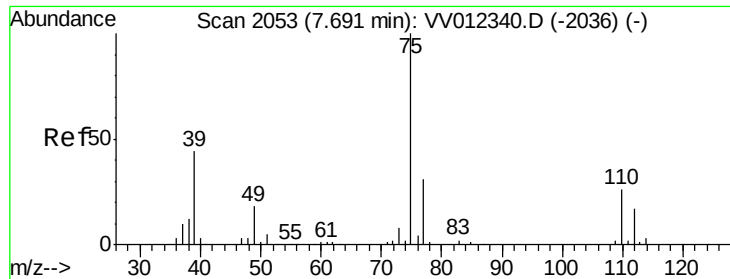
Tgt Ion: 63 Resp: 8458
 Ion Ratio Lower Upper
 63 100
 112 0.0 4.7 7.1#



#39
 cis-1,3-Dichloropropene
 Concen: 1.279 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV012346.D
 Acq: 22 Aug 2019 14:40

Tgt Ion: 75 Resp: 2523
 Ion Ratio Lower Upper
 75 100
 77 48.6 22.5 41.7#





#44

trans-1,3-Dichloropropene

Concen: 0.836 ug/L

RT: 7.66 min Scan# 2044

Delta R.T. -0.03 min

Lab File: VV012346.D

Acq: 22 Aug 2019 14:40

Instrument :

MSVOA_V

ClientSampleId :

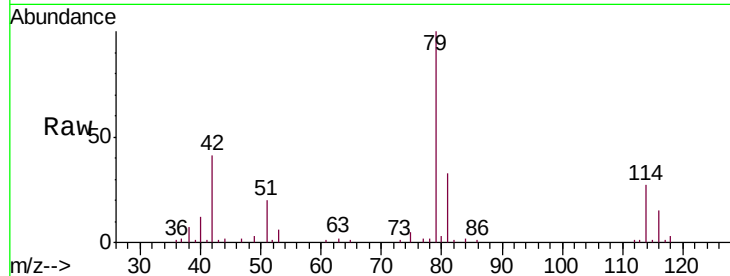
C0XL9

Tgt Ion: 75 Resp: 1571

Ion Ratio Lower Upper

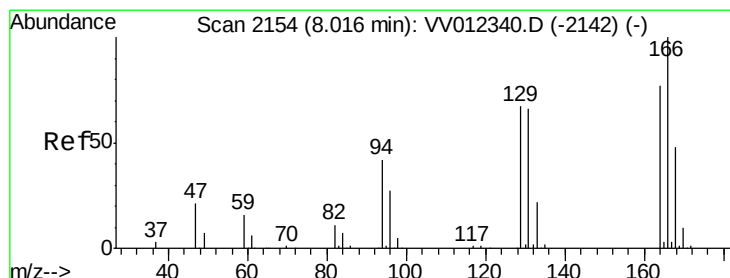
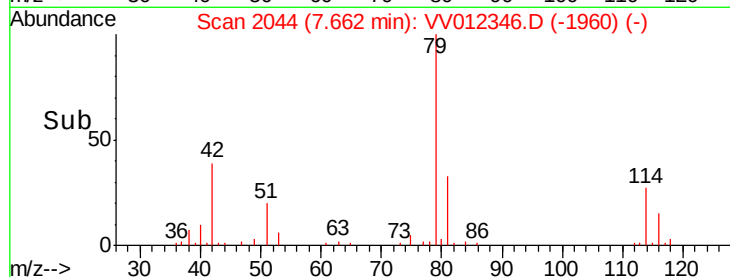
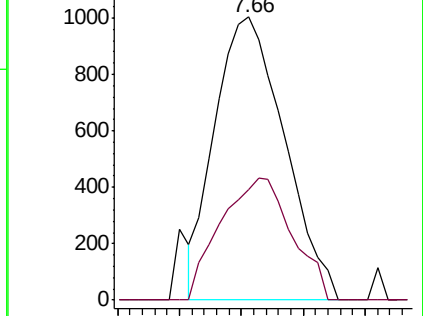
75 100

77 38.9 21.7 40.3



Abundance Ion 75.00 (74.70 to 75.70): VV012340.D (-2036) (-)

Ion 77.00 (76.70 to 77.70): VV012340.D (-2036) (-)



#46

Tetrachloroethene

Concen: 8.243 ug/L

RT: 8.02 min Scan# 2155

Delta R.T. 0.00 min

Lab File: VV012346.D

Acq: 22 Aug 2019 14:40

Tgt Ion: 164 Resp: 10828

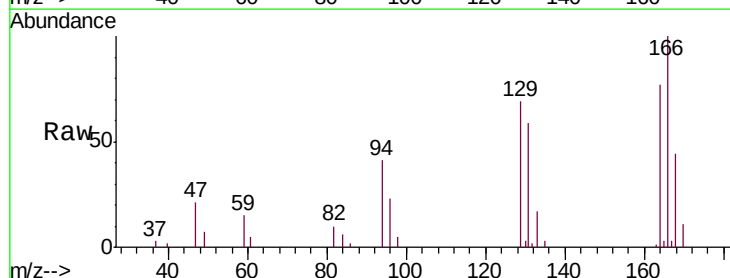
Ion Ratio Lower Upper

164 100

129 89.3 61.5 114.3

131 76.3 56.6 105.0

166 130.0 88.2 163.8

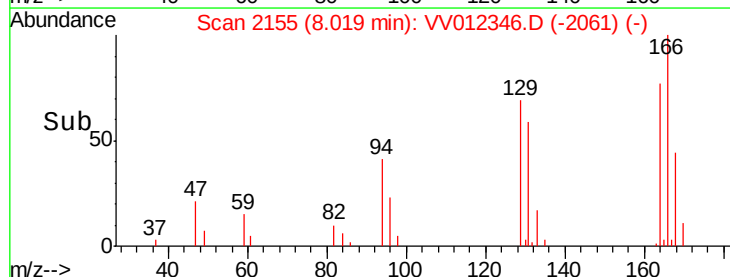
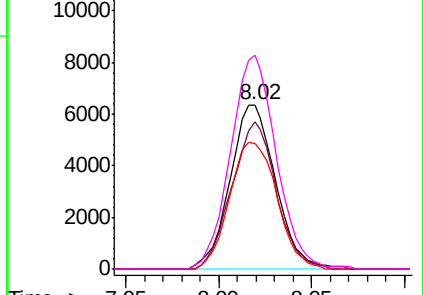


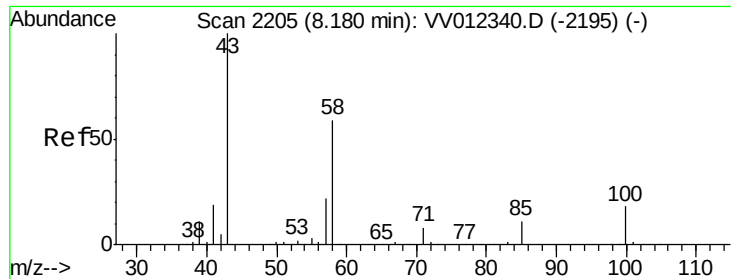
Abundance Ion 164.00 (163.70 to 164.70): VV012340.D (-2142) (-)

Ion 129.00 (128.70 to 129.70): VV012340.D (-2142) (-)

Ion 131.00 (130.70 to 131.70): VV012340.D (-2142) (-)

Ion 166.00 (165.70 to 166.70): VV012340.D (-2142) (-)

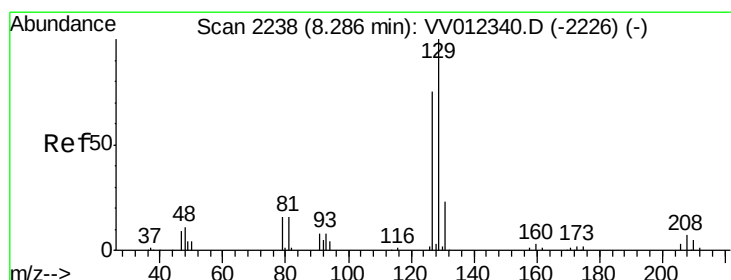
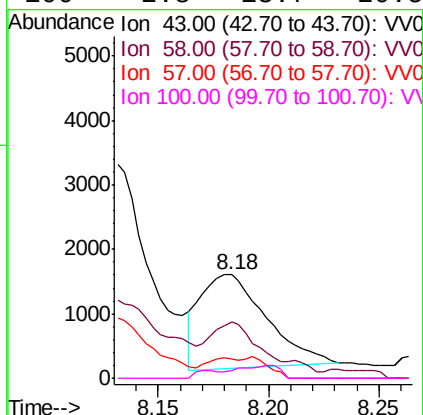
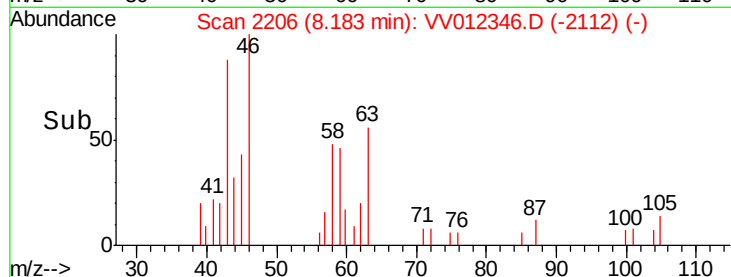
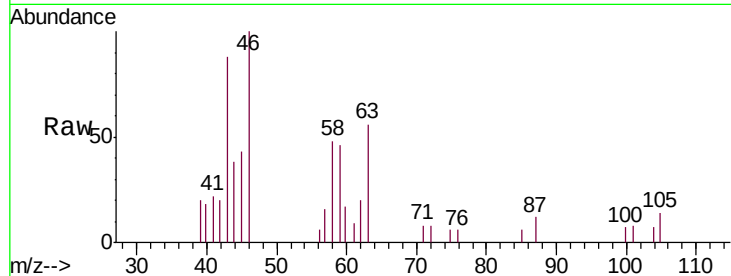




#48
2-Hexanone
Concen: 2.818 ug/L
RT: 8.18 min Scan# 2206
Delta R.T. 0.00 min
Lab File: VV012346.D
Acq: 22 Aug 2019 14:40

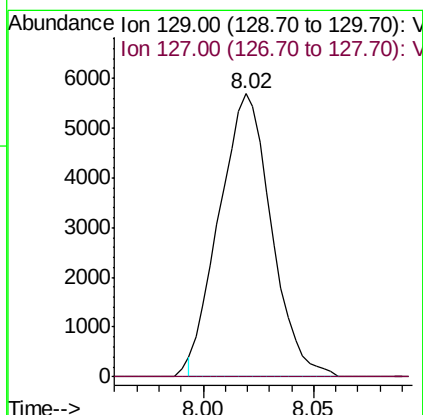
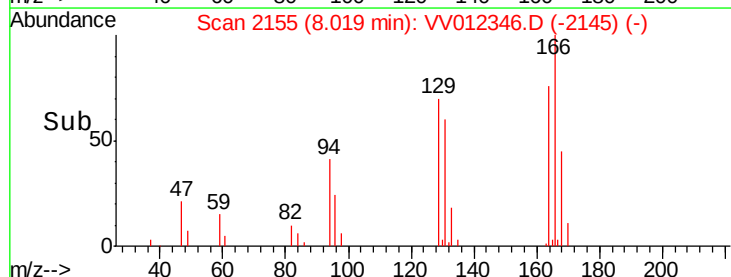
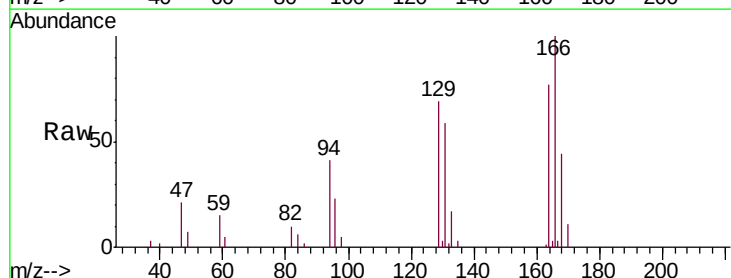
Instrument :
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C0XL9

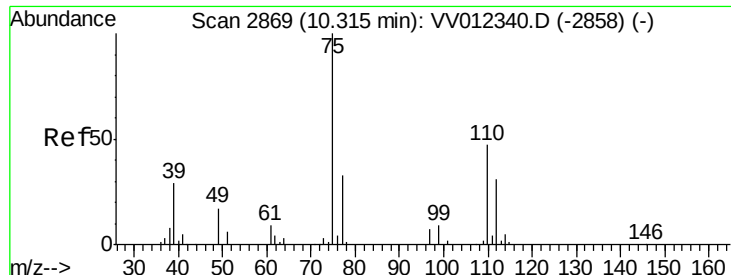
Tgt Ion: 43 Resp: 3039
Ion Ratio Lower Upper
43 100
58 29.8 45.7 68.5#
57 10.6 16.8 25.2#
100 2.8 13.7 20.5#



#49
Dibromochloromethane
Concen: 5.619 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. -0.27 min
Lab File: VV012346.D
Acq: 22 Aug 2019 14:40

Tgt Ion: 129 Resp: 9333
Ion Ratio Lower Upper
129 100
127 0.0 53.5 99.5#





#59
 1,2,3-Trichloropropane
 Concen: 4.722 ug/L
 RT: 11.29 min Scan# 3172
 Delta R.T. 0.97 min
 Lab File: VV012346.D
 Acq: 22 Aug 2019 14:40

Instrument :
 MSVOA_V
 ClientSampleId :
 C0XL9

Tgt Ion: 75 Resp: 7149
 Ion Ratio Lower Upper
 75 100
 77 43.3 26.8 40.2#

