

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052820\
 Data File : VV016267.D
 Acq On : 28 May 2020 11:20
 Operator : SY/MD
 Sample : L2753-21DL 4X
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 29 01:13:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri May 29 01:10:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	86050	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	81699	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	37472	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	23159	4.19	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.80%
7) Chloroethane-d5	1.58	69	22373	4.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.20%
11) 1,1-Dichloroethene-d2	2.13	63	35085	3.38	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.60%
20) 2-Butanone-d5	3.94	46	71703	52.30	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.60%
24) Chloroform-d	4.37	84	50922	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
26) 1,2-Dichloroethane-d4	5.06	65	28835	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.00%
32) Benzene-d6	5.07	84	99892	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
36) 1,2-Dichloropropane-d6	6.09	67	31808	5.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.60%
41) Toluene-d8	7.34	98	88557	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.80%
45) trans-1,3-Dichloropropene-	7.64	79	10436	4.47	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.40%
48) 2-Hexanone-d5	8.11	63	49511	46.26	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.52%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	22338	4.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.60%
65) 1,2-Dichlorobenzene-d4	11.65	152	31573	5.05	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.00%

Target Compounds

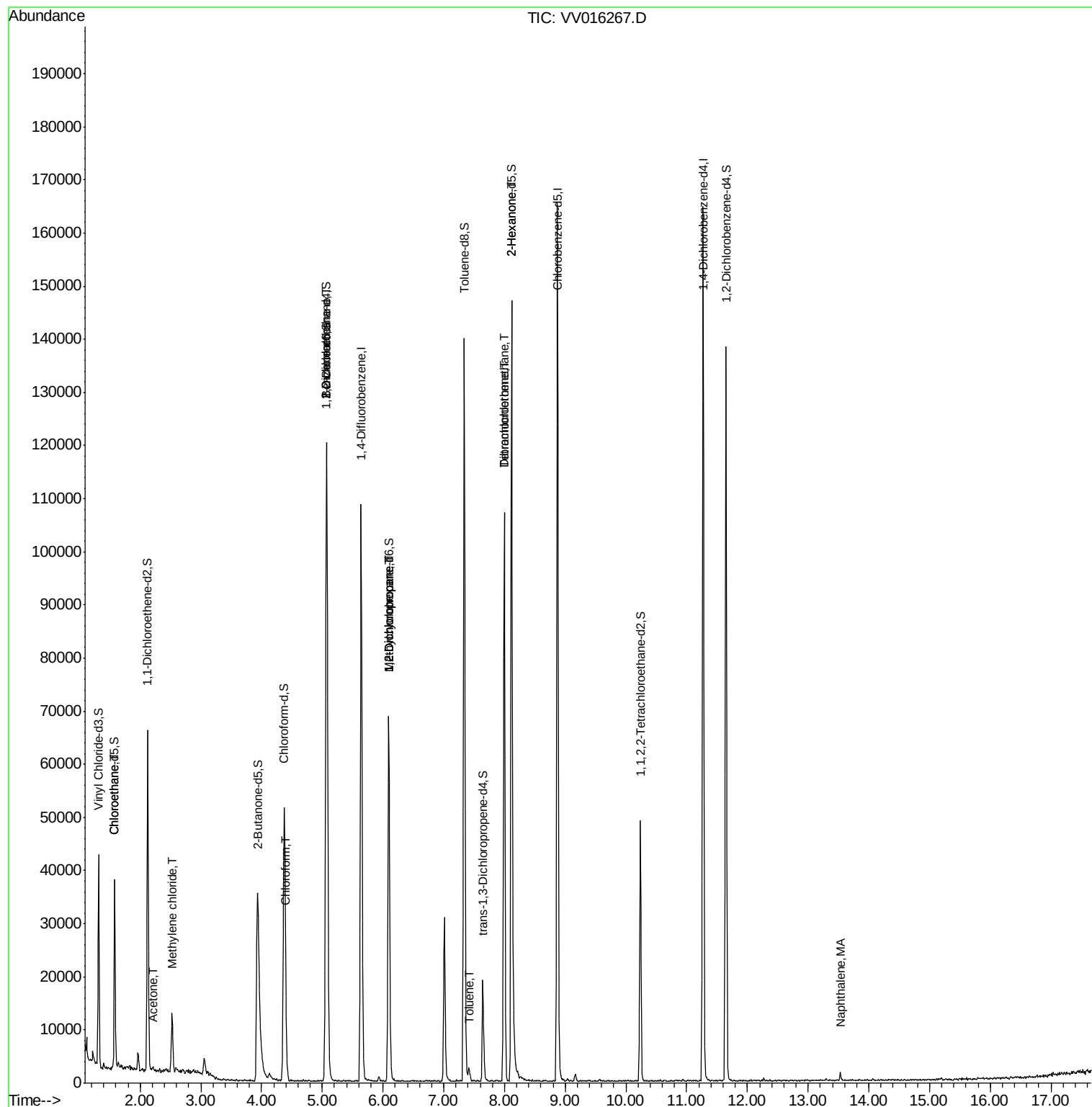
					Ovalue
8) Chloroethane	1.59	64	476	0.113 ug/L #	42
13) Acetone	2.21	43	1311	1.545 ug/L	69
16) Methylene chloride	2.53	84	4393	0.755 ug/L	96
25) Chloroform	4.41	83	2413	0.216 ug/L	91
27) 1,2-Dichloroethane	5.08	62	790	0.108 ug/L #	79
35) Methylcyclohexane	6.09	83	7729	0.748 ug/L #	17
37) 1,2-Dichloropropane	6.09	63	3630	0.630 ug/L #	88
42) Toluene	7.42	91	1766	0.069 ug/L	94
49) Tetrachloroethene	8.00	164	20952	4.765 ug/L	96
50) 2-Hexanone	8.11	43	7041	2.814 ug/L #	74
51) Dibromochloromethane	8.00	129	20804	5.179 ug/L #	10
70) Naphthalene	13.53	128	1503	0.097 ug/L #	87

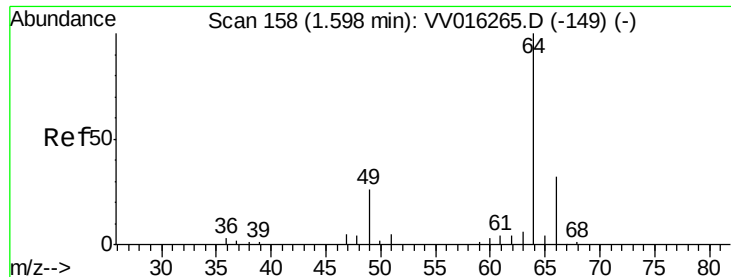
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV052820\
Data File : VV016267.D
Acq On : 28 May 2020 11:20
Operator : SY/MD
Sample : L2753-21DL 4X
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :

Quant Time: May 29 01:13:01 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 29 01:10:53 2020
Response via : Initial Calibration





#8

Chloroethane

Concen: 0.113 ug/L

RT: 1.59 min Scan# 155

Delta R.T. -0.01 min

Lab File: VV016267.D

Acq: 28 May 2020 11:20

Instrument :

MSVOA_V

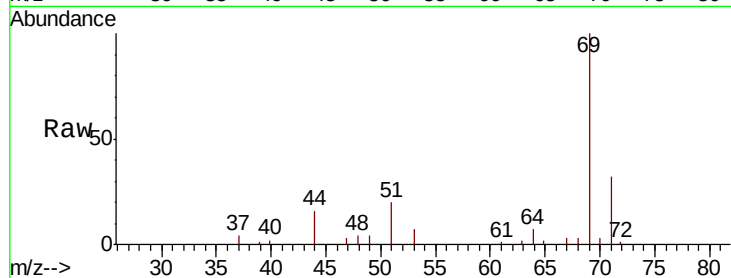
ClientSampleId :

Tot Ion: 64 Resp: 476

Ion Ratio Lower Upper

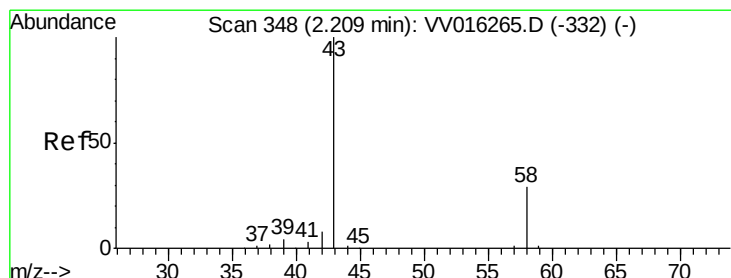
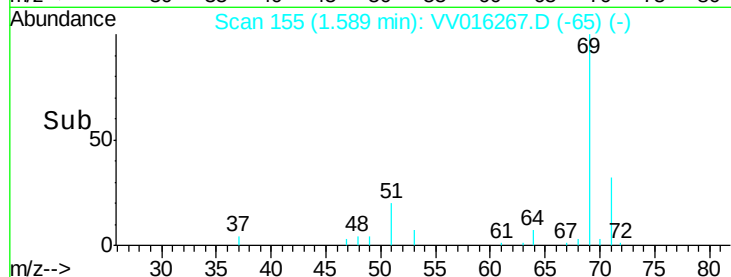
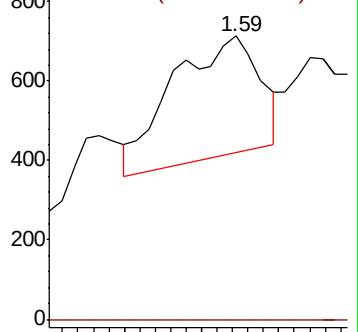
64 100

66 0.0 22.9 42.5#



Abundance Ion 64.10 (63.80 to 64.80): VV0

Ion 66.05 (65.75 to 66.75): VV0



#13

Acetone

Concen: 1.545 ug/L

RT: 2.21 min Scan# 347

Delta R.T. -0.00 min

Lab File: VV016267.D

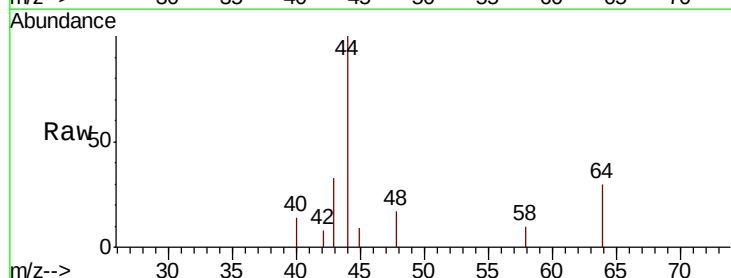
Acq: 28 May 2020 11:20

Tgt Ion: 43 Resp: 1311

Ion Ratio Lower Upper

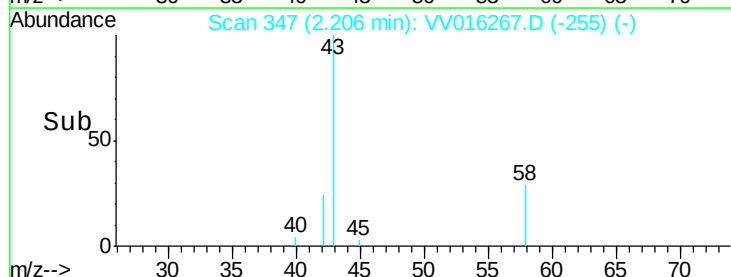
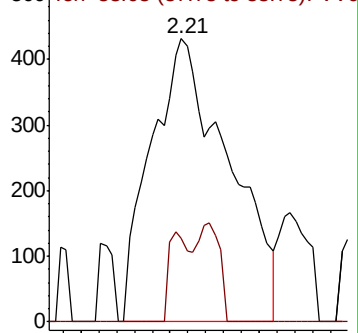
43 100

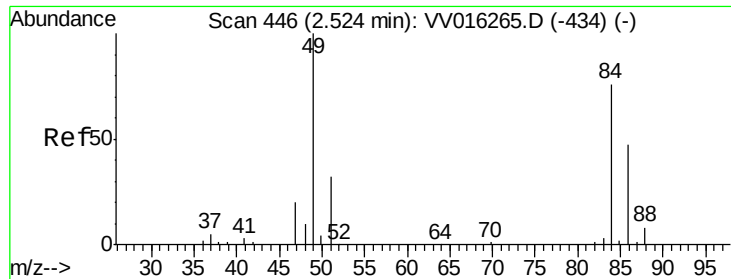
58 8.8 0.0 48.8



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

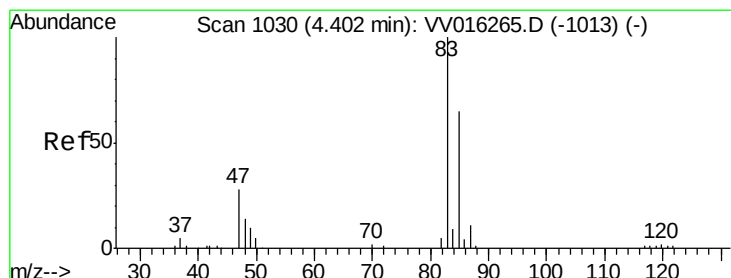
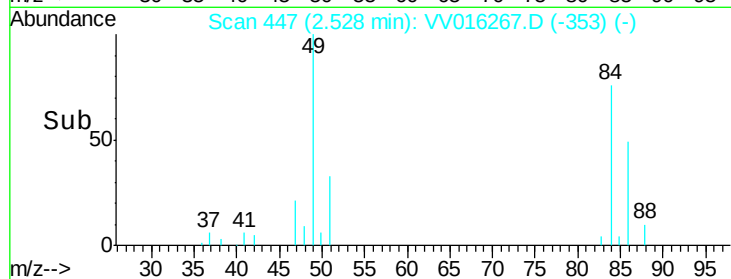
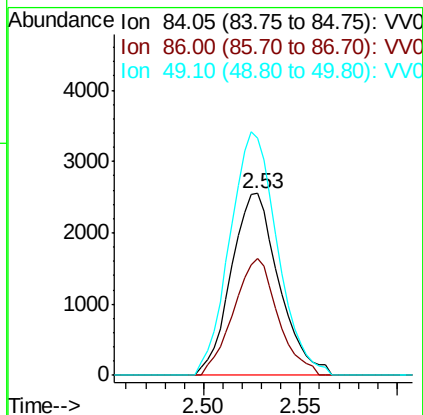
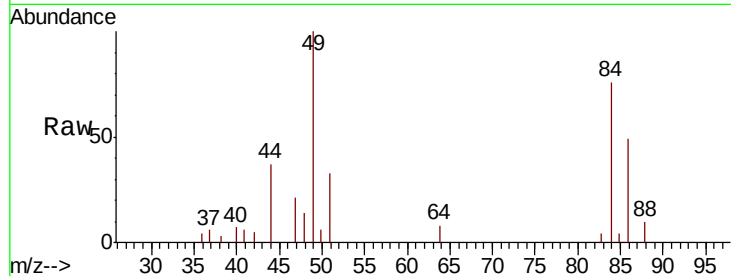




#16
Methvlene chloride
Concen: 0.755 ug/L
RT: 2.53 min Scan# 447
Delta R.T. 0.00 min
Lab File: VV016267.D
Acq: 28 May 2020 11:20

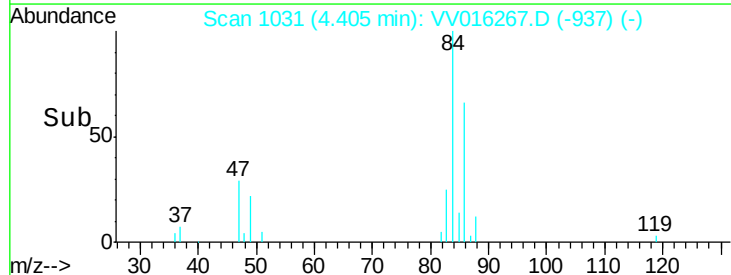
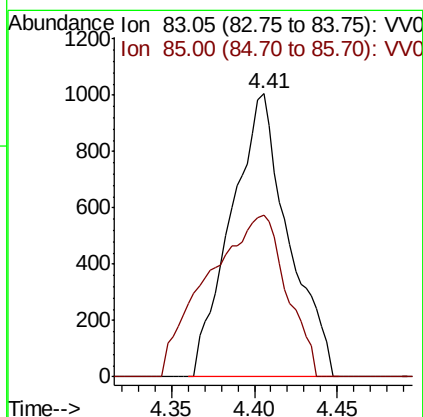
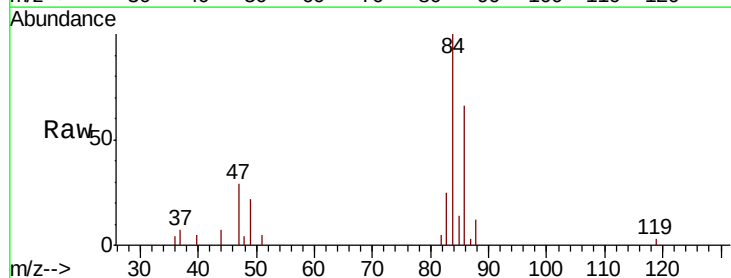
Instrument :
MSVOA_V
ClientSampleId :

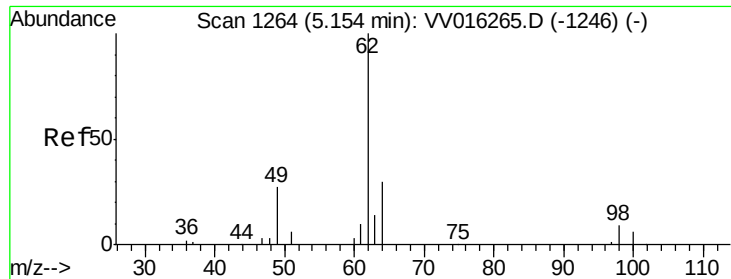
Tot Ion: 84 Resp: 4393
Ion Ratio Lower Upper
84 100
86 64.3 44.9 83.5
49 130.8 96.7 179.7



#25
Chloroform
Concen: 0.216 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VV016267.D
Acq: 28 May 2020 11:20

Tgt Ion: 83 Resp: 2413
Ion Ratio Lower Upper
83 100
85 57.3 45.1 83.7

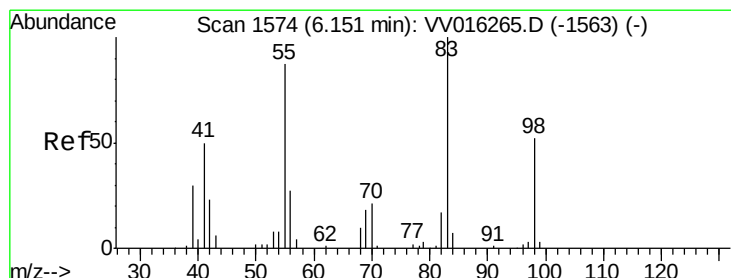
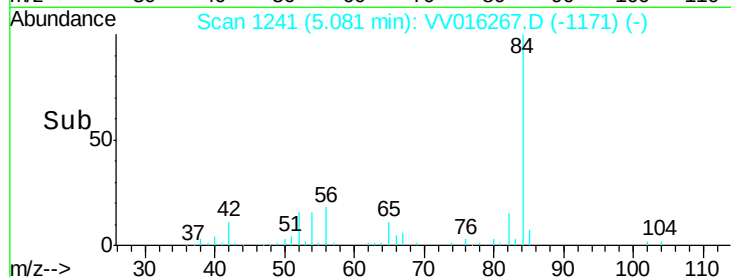
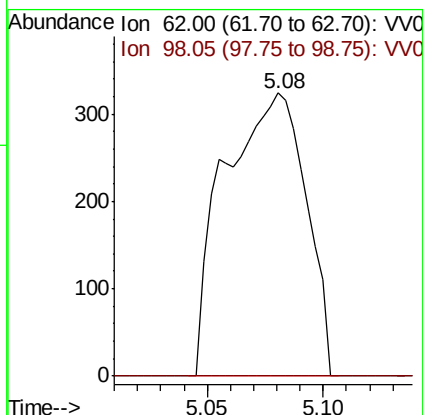
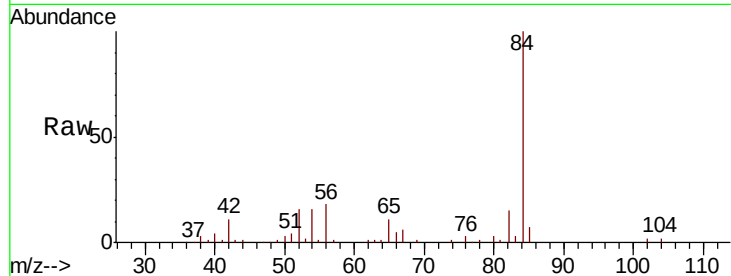




#27
 1,2-Dichloroethane
 Concen: 0.108 ug/L
 RT: 5.08 min Scan# 1241
 Delta R.T. -0.07 min
 Lab File: VV016267.D
 Acq: 28 May 2020 11:20

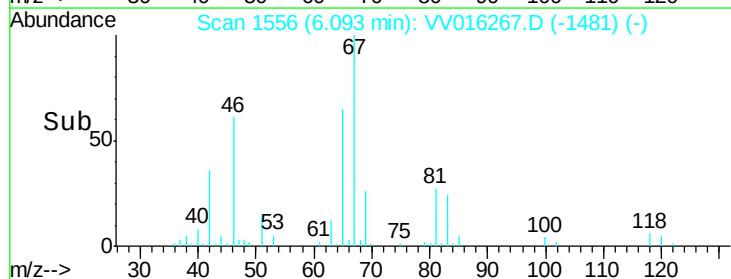
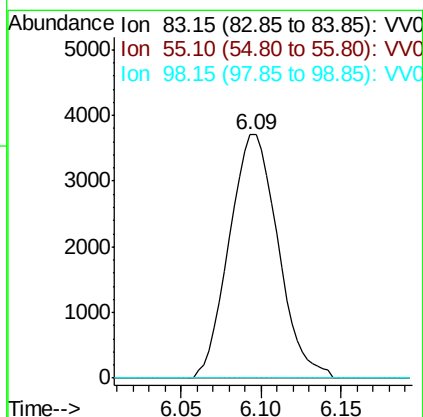
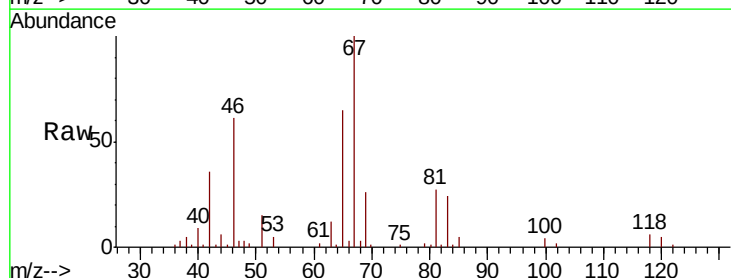
Instrument :
 MSVOA_V
 ClientSampleId :

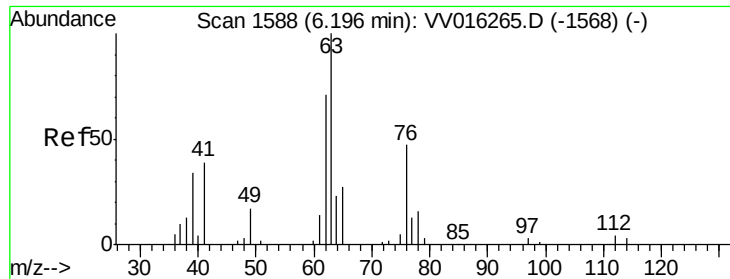
Tot Ion: 62 Resp: 790
 Ion Ratio Lower Upper
 62 100
 98 0.0 5.7 8.5#



#35
 Methylcyclohexane
 Concen: 0.748 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.06 min
 Lab File: VV016267.D
 Acq: 28 May 2020 11:20

Tgt Ion: 83 Resp: 7729
 Ion Ratio Lower Upper
 83 100
 55 0.0 65.4 98.0#
 98 1.9 39.3 58.9#

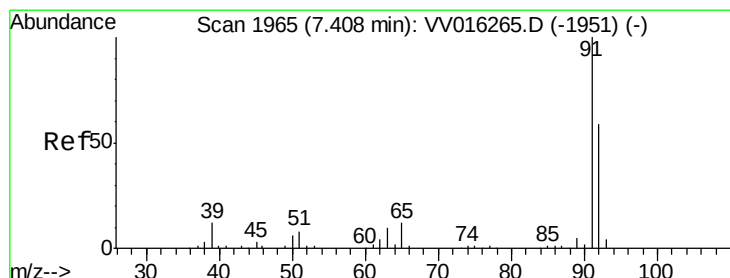
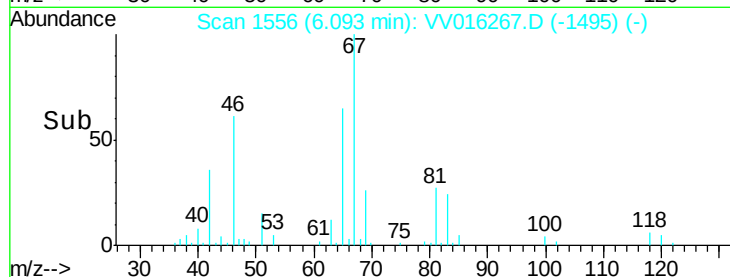
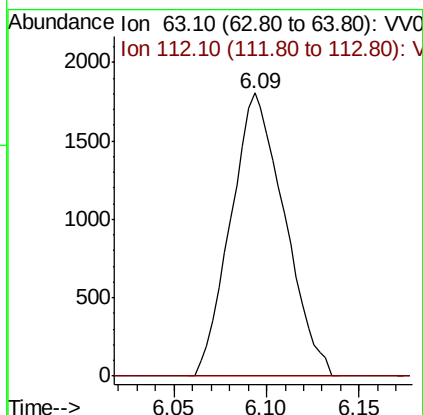
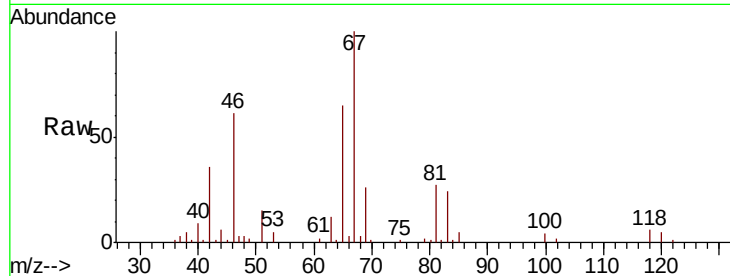




#37
 1,2-Dichloropropane
 Concen: 0.630 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.10 min
 Lab File: VV016267.D
 Acq: 28 May 2020 11:20

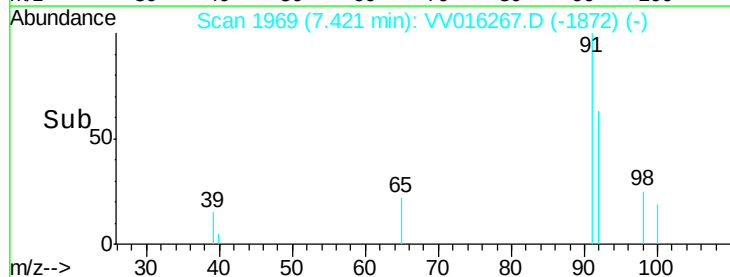
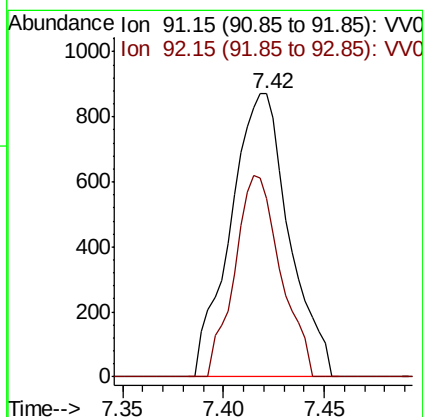
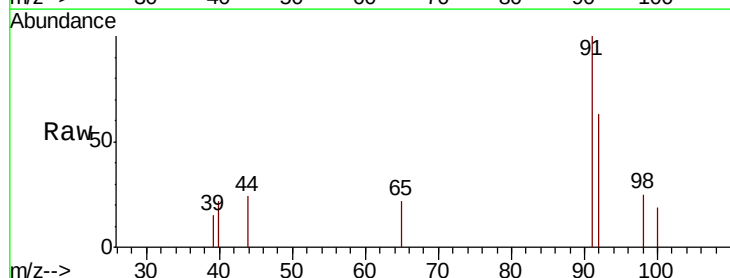
Instrument :
 MSVOA_V
 ClientSampleId :

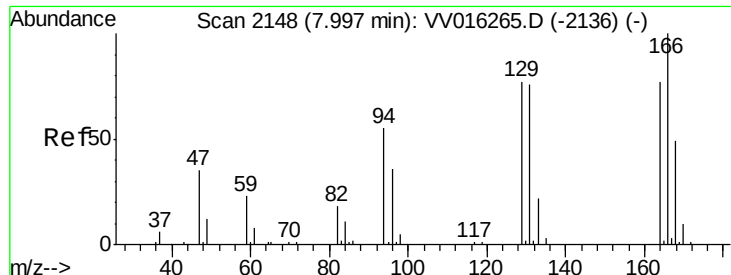
Tot Ion: 63 Resp: 3630
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.1 4.7#



#42
 Toluene
 Concen: 0.069 ug/L
 RT: 7.42 min Scan# 1969
 Delta R.T. 0.01 min
 Lab File: VV016267.D
 Acq: 28 May 2020 11:20

Tgt Ion: 91 Resp: 1766
 Ion Ratio Lower Upper
 91 100
 92 63.0 40.9 76.0





#49

Tetrachloroethene

Concen: 4.765 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV016267.D

Acq: 28 May 2020 11:20

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:164 Resp: 20952

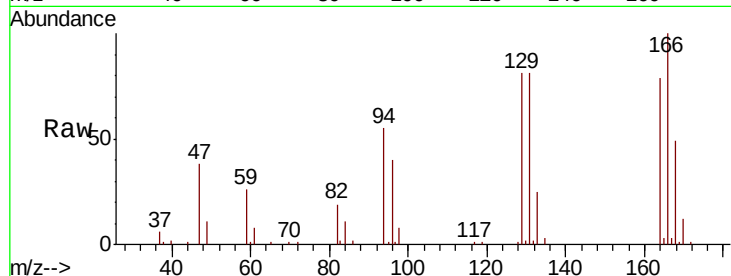
Ion Ratio Lower Upper

164 100

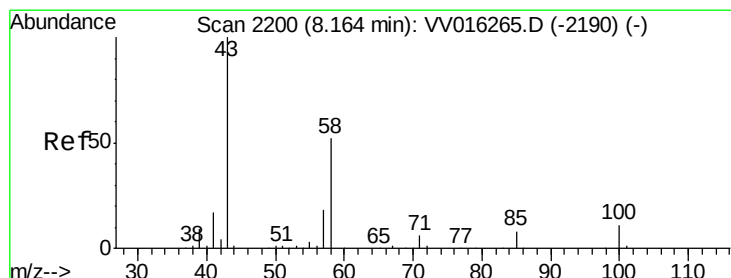
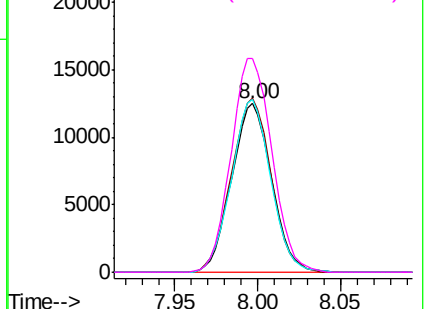
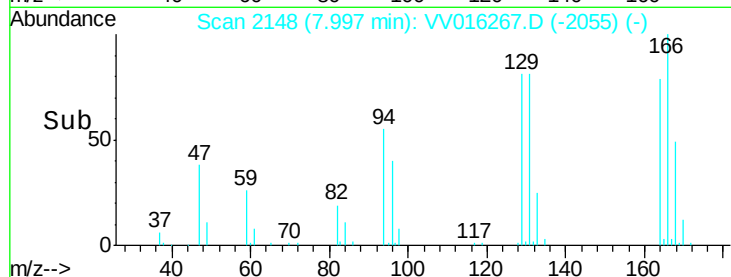
129 103.2 70.7 131.3

131 102.7 66.6 123.8

166 126.6 86.9 161.5



Abundance Ion 163.90 (163.60 to 164.60): V
Ion 128.95 (128.65 to 129.65): V
Ion 130.95 (130.65 to 131.65): V
Ion 165.90 (165.60 to 166.60): V



#50

2-Hexanone

Concen: 2.814 ug/L

RT: 8.11 min Scan# 2184

Delta R.T. -0.05 min

Lab File: VV016267.D

Acq: 28 May 2020 11:20

Tgt Ion: 43 Resp: 7041

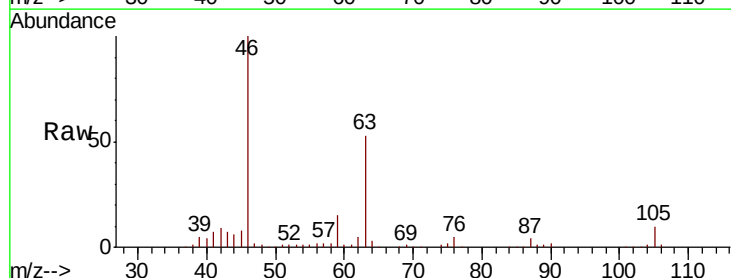
Ion Ratio Lower Upper

43 100

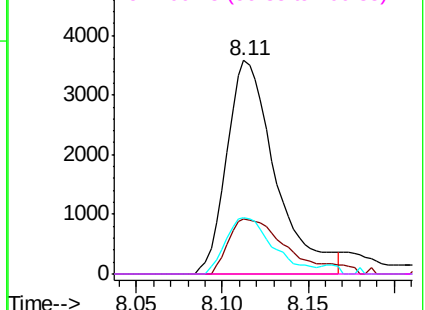
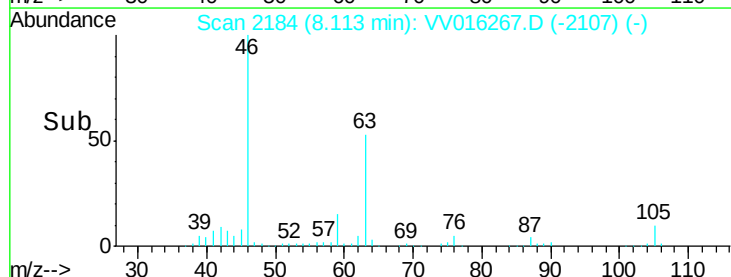
58 31.2 41.4 62.0#

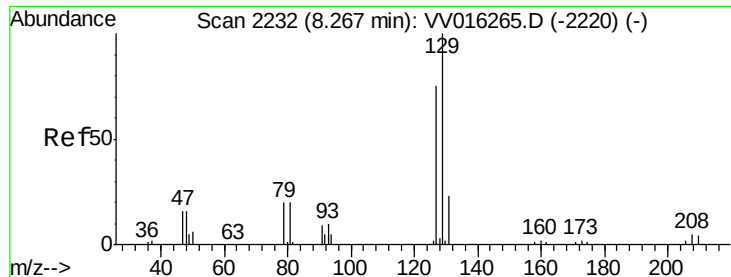
57 25.8 15.0 22.4#

100 0.0 9.0 13.4#



Abundance Ion 43.05 (42.75 to 43.75): VV0
Ion 58.05 (57.75 to 58.75): VV0
Ion 57.20 (56.90 to 57.90): VV0
Ion 100.15 (99.85 to 100.85): VV0

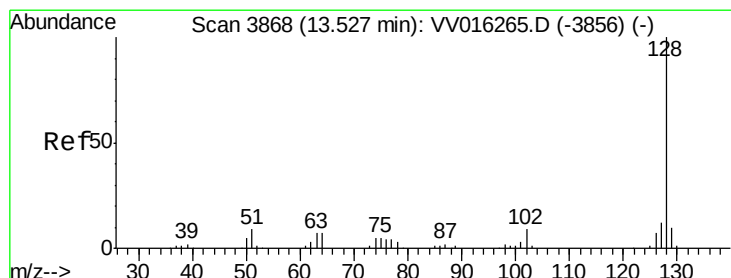
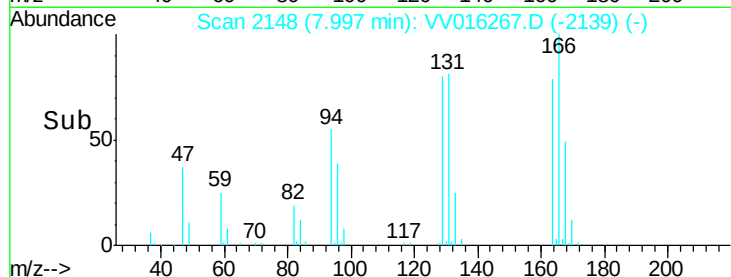
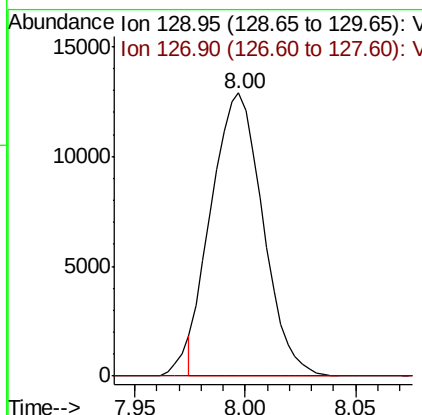
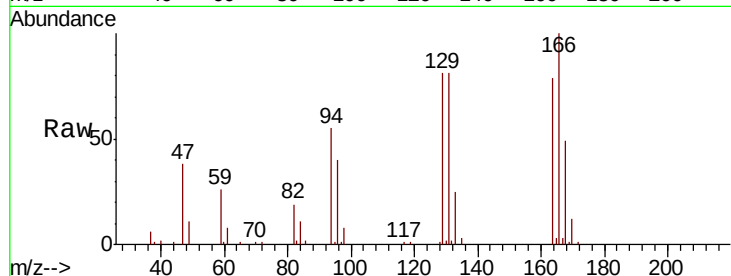




#51
 Dibromochloromethane
 Concen: 5.179 ug/L
 RT: 8.00 min Scan# 2148
 Delta R.T. -0.27 min
 Lab File: VV016267.D
 Acq: 28 May 2020 11:20

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion:129 Resp: 20804
 Ion Ratio Lower Upper
 129 100
 127 0.0 55.2 102.4#



#70
 Naphthalene
 Concen: 0.097 ug/L
 RT: 13.53 min Scan# 3870
 Delta R.T. 0.01 min
 Lab File: VV016267.D
 Acq: 28 May 2020 11:20

Tgt Ion:128 Resp: 1503
 Ion Ratio Lower Upper
 128 100
 129 8.2 8.6 13.0#
 127 5.9 10.6 15.8#

