

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052120\
 Data File : VV016157.D
 Acq On : 21 May 2020 16:37
 Operator : SY/MD
 Sample : L2731-01
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 22 01:56:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri May 22 01:50:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	139504	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	134281	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	63007	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	28935	3.82	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.40%
7) Chloroethane-d5	1.58	69	33889	4.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.40%
11) 1,1-Dichloroethene-d2	2.13	63	52319	3.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.20%
20) 2-Butanone-d5	3.94	46	92380	42.79	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.58%
24) Chloroform-d	4.38	84	80844	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
26) 1,2-Dichloroethane-d4	5.06	65	42088	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.80%
32) Benzene-d6	5.08	84	154132	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
36) 1,2-Dichloropropane-d6	6.10	67	48749	5.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.00%
41) Toluene-d8	7.34	98	134614	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.20%
45) trans-1,3-Dichloropropene-	7.65	79	12130	3.17	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	63.40%
48) 2-Hexanone-d5	8.12	63	69536	41.35	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.70%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	30296	4.42	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.40%
65) 1,2-Dichlorobenzene-d4	11.65	152	49469	4.84	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.80%

Target Compounds

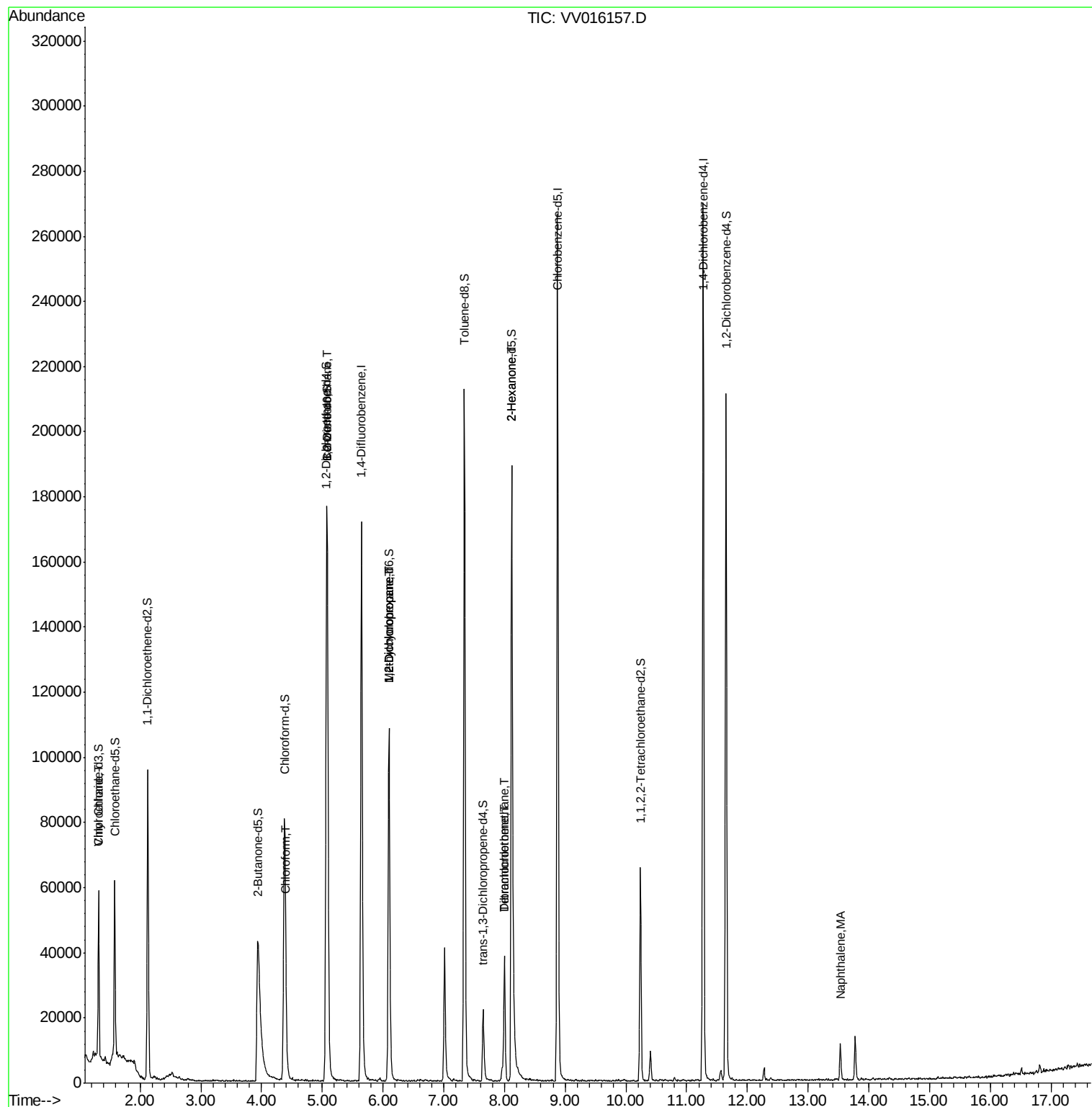
					Ovalue
8) Chloroethane	1.32	64	1738	0.236 ug/L	90
25) Chloroform	4.41	83	3559	0.198 ug/L	96
27) 1,2-Dichloroethane	5.07	62	552	0.050 ug/L #	76
35) Methylcyclohexane	6.10	83	12397	0.850 ug/L #	16
37) 1,2-Dichloropropane	6.10	63	6041	0.704 ug/L #	87
49) Tetrachloroethene	8.00	164	8412	1.250 ug/L	95
50) 2-Hexanone	8.12	43	11230	2.968 ug/L #	76
51) Dibromochloromethane	8.00	129	7898	1.226 ug/L #	9
70) Naphthalene	13.53	128	8966	0.529 ug/L	98

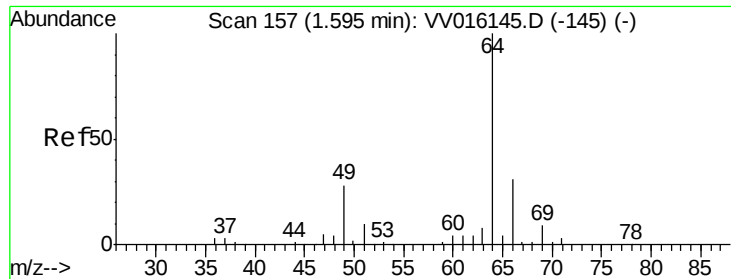
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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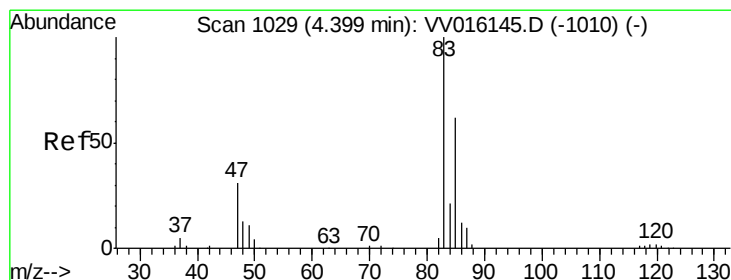
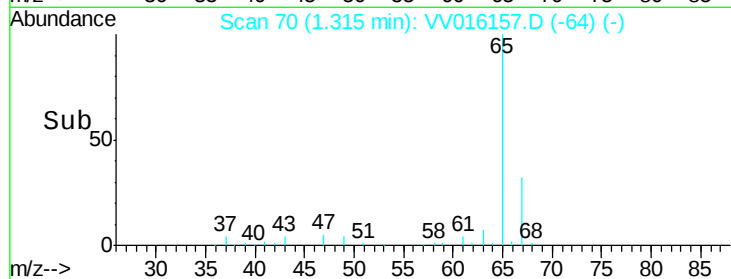
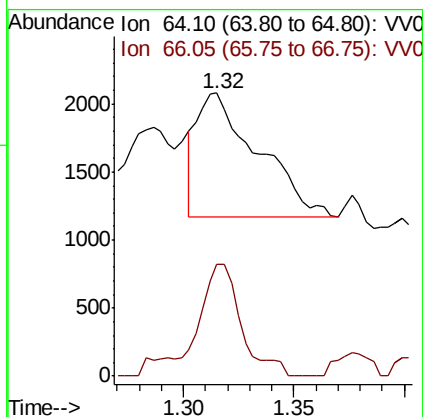
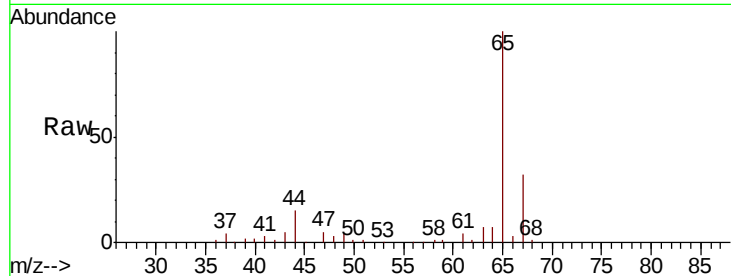




#8
Chloroethane
Concen: 0.236 ug/L
RT: 1.32 min Scan# 70
Delta R.T. -0.28 min
Lab File: VV016157.D
Acq: 21 May 2020 16:37

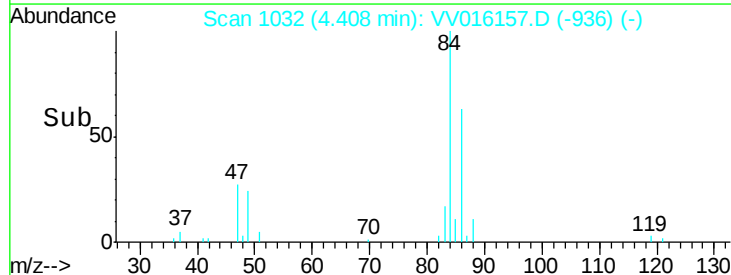
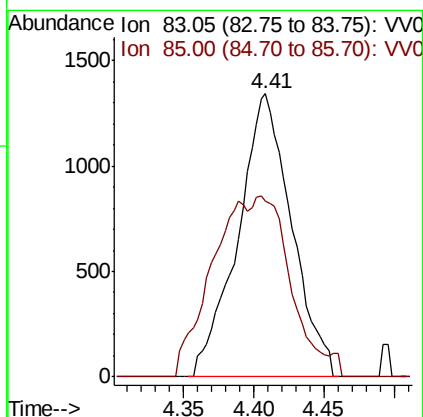
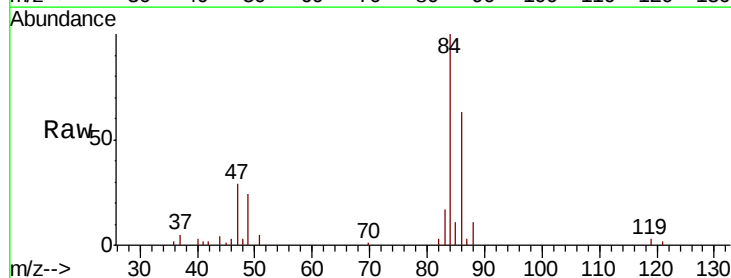
Instrument :
MSVOA_V
ClientSampled :

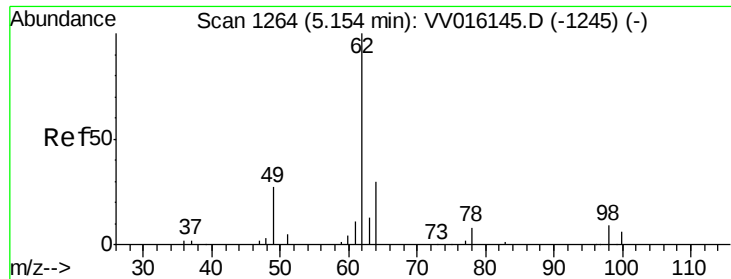
Tot Ion: 64 Resp: 1738
Ion Ratio Lower Upper
64 100
66 39.5 23.6 43.8



#25
Chloroform
Concen: 0.198 ug/L
RT: 4.41 min Scan# 1032
Delta R.T. 0.01 min
Lab File: VV016157.D
Acq: 21 May 2020 16:37

Tgt Ion: 83 Resp: 3559
Ion Ratio Lower Upper
83 100
85 62.2 45.7 84.9

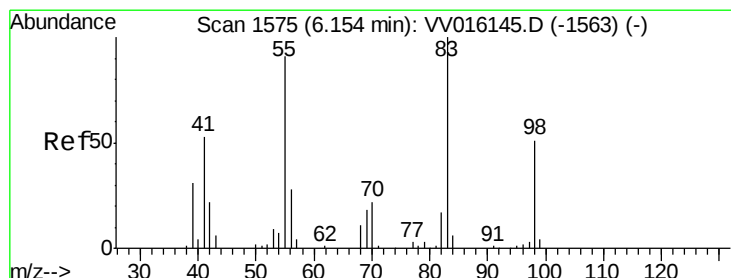
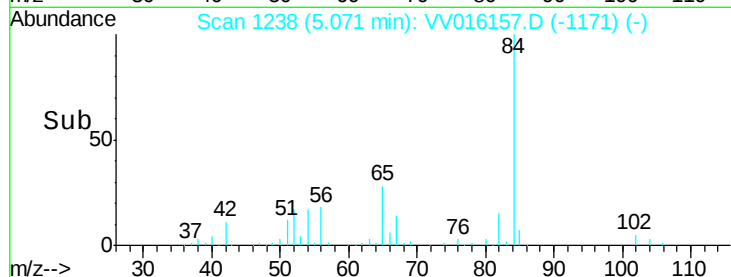
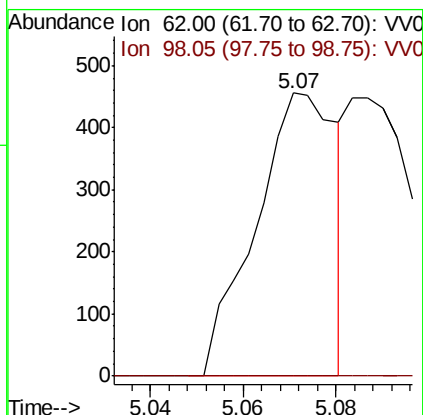
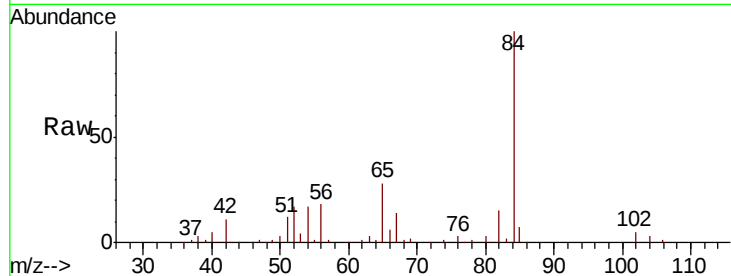




#27
 1,2-Dichloroethane
 Concen: 0.050 ug/L
 RT: 5.07 min Scan# 1238
 Delta R.T. -0.08 min
 Lab File: VV016157.D
 Acq: 21 May 2020 16:37

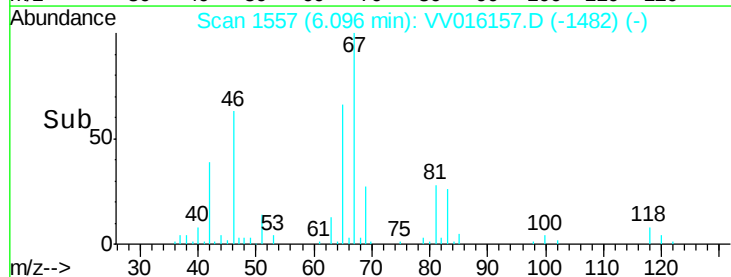
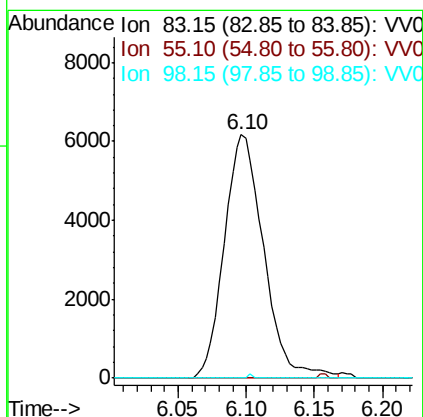
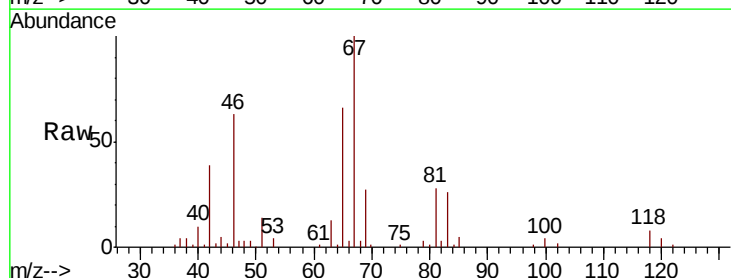
Instrument :
 MSVOA_V
 ClientSampleId :

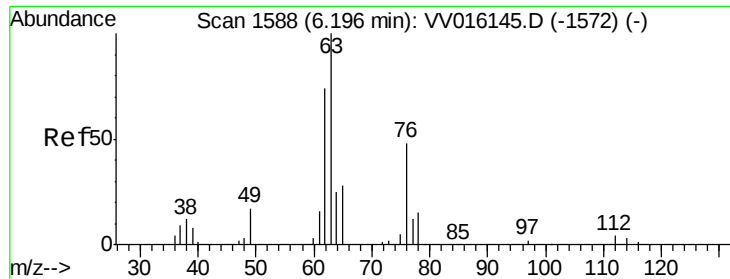
Tot Ion: 62 Resp: 552
 Ion Ratio Lower Upper
 62 100
 98 0.0 6.7 10.1#



#35
 Methylcyclohexane
 Concen: 0.850 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.06 min
 Lab File: VV016157.D
 Acq: 21 May 2020 16:37

Tgt Ion: 83 Resp: 12397
 Ion Ratio Lower Upper
 83 100
 55 0.4 66.2 99.2#
 98 0.2 37.9 56.9#





#37

1,2-Dichloropropane

Concen: 0.704 ug/L

RT: 6.10 min Scan# 1557

Delta R.T. -0.10 min

Lab File: VV016157.D

Acq: 21 May 2020 16:37

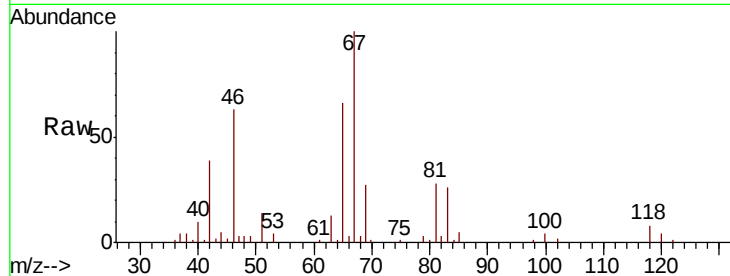
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 63 Resp: 6041

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.0#



Abundance Ion 63.10 (62.80 to 63.80): VV016145.D (-1572) (-)

Ion 112.10 (111.80 to 112.80): VV016145.D (-1572) (-)

6.10

3000

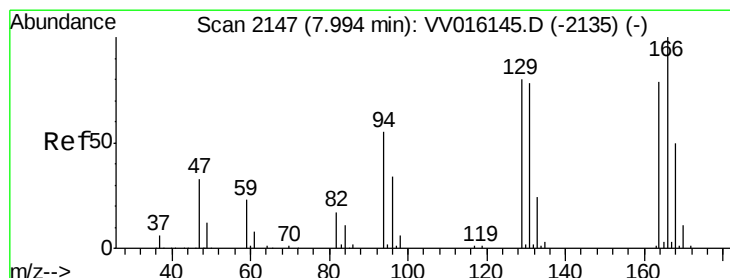
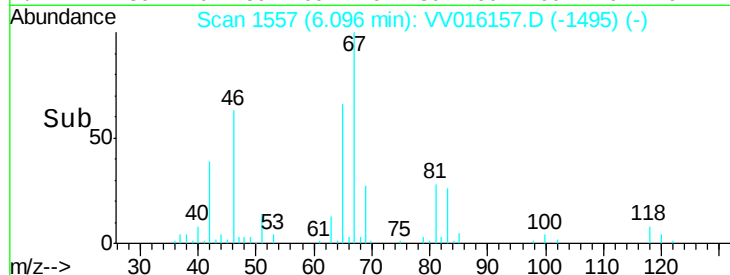
2000

1000

0

Time-->

6.05 6.10 6.15



#49

Tetrachloroethene

Concen: 1.250 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. 0.01 min

Lab File: VV016157.D

Acq: 21 May 2020 16:37

Tgt Ion:164 Resp: 8412

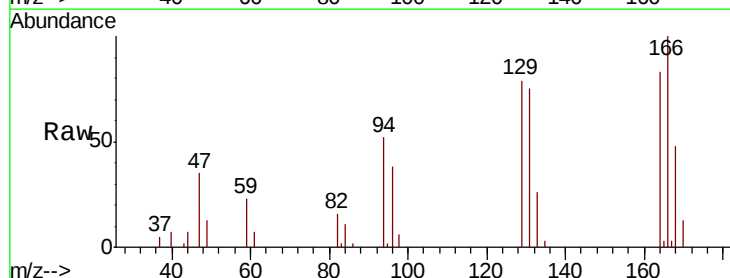
Ion Ratio Lower Upper

164 100

129 95.2 69.7 129.4

131 90.5 66.8 124.2

166 120.9 89.1 165.5



Abundance Ion 163.90 (163.60 to 164.60): VV016145.D (-2135) (-)

Ion 128.95 (128.65 to 129.65): VV016145.D (-2135) (-)

Ion 130.95 (130.65 to 131.65): VV016145.D (-2135) (-)

Ion 165.90 (165.60 to 166.60): VV016145.D (-2135) (-)

8000

6000

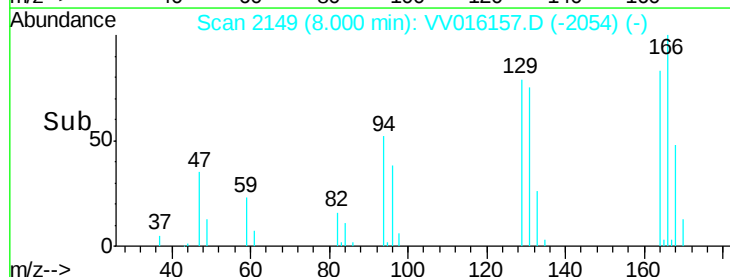
4000

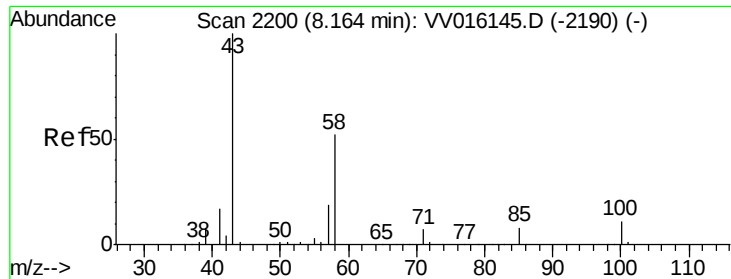
2000

0

Time-->

7.95 8.00 8.05

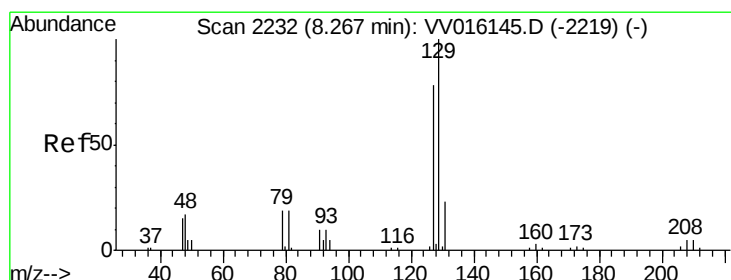
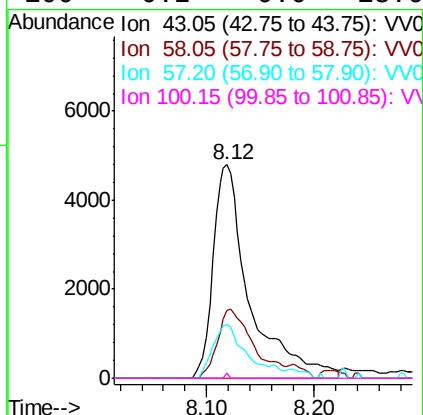
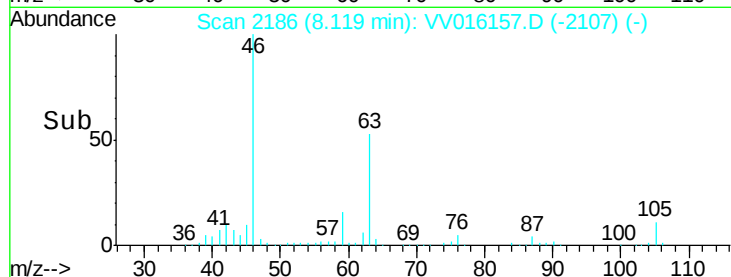
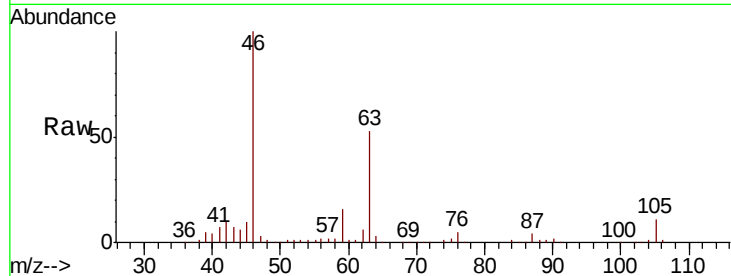




#50
2-Hexanone
Concen: 2.968 ug/L
RT: 8.12 min Scan# 2186
Delta R.T. -0.05 min
Lab File: VV016157.D
Acq: 21 May 2020 16:37

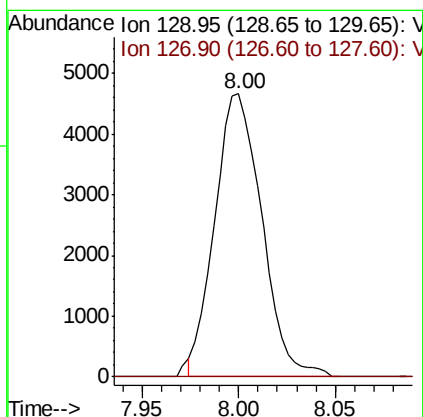
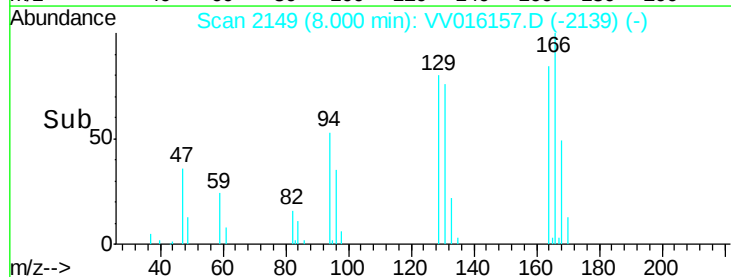
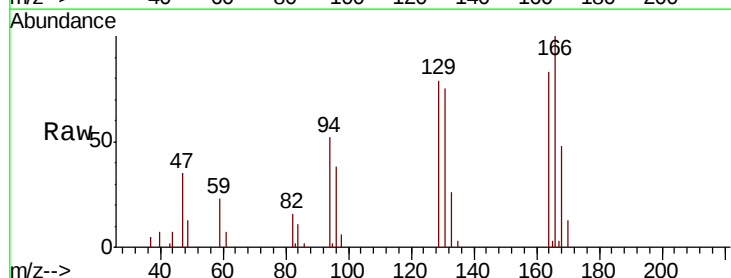
Instrument :
MSVOA_V
ClientSampleId :

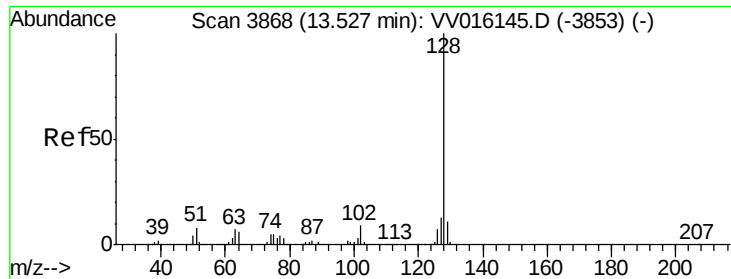
Tot Ion: 43 Resp: 11230
Ion Ratio Lower Upper
43 100
58 31.9 40.8 61.2#
57 23.6 14.7 22.1#
100 0.2 9.0 13.6#



#51
Dibromochloromethane
Concen: 1.226 ug/L
RT: 8.00 min Scan# 2149
Delta R.T. -0.27 min
Lab File: VV016157.D
Acq: 21 May 2020 16:37

Tgt Ion: 129 Resp: 7898
Ion Ratio Lower Upper
129 100
127 0.0 56.0 104.0#





#70

Naphthalene

Concen: 0.529 ug/L

RT: 13.53 min Scan# 3869

Delta R.T. 0.00 min

Lab File: VV016157.D

Acq: 21 May 2020 16:37

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion:128 Resp: 8966

Ion Ratio Lower Upper

128 100

129 12.1 8.5 12.7

127 13.0 10.2 15.2

