

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV041420\
 Data File : VV015474.D
 Acq On : 14 Apr 2020 20:23
 Operator : SY/MD
 Sample : L2273-16
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YAQ94

Quant Time: Apr 15 02:25:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR040920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Apr 15 02:17:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	109647	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	104821	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	52347	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	33166	5.83	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	116.60%
7) Chloroethane-d5	1.58	69	28596	5.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.20%
11) 1,1-Dichloroethene-d2	2.12	63	46259	3.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.20%
20) 2-Butanone-d5	3.93	46	77003	48.20	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.40%
24) Chloroform-d	4.38	84	63229	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.40%
26) 1,2-Dichloroethane-d4	5.06	65	32984	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.20%
32) Benzene-d6	5.08	84	120746	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.80%
36) 1,2-Dichloropropane-d6	6.10	67	37727	5.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.20%
41) Toluene-d8	7.34	98	113118	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.00%
43) trans-1,3-Dichloropropene-	7.65	79	14255	4.52	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.40%
46) 2-Hexanone-d5	8.11	63	61598	40.55	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.10%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	25637	4.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.20%
64) 1,2-Dichlorobenzene-d4	11.65	152	41634	4.95	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.00%

Target Compounds

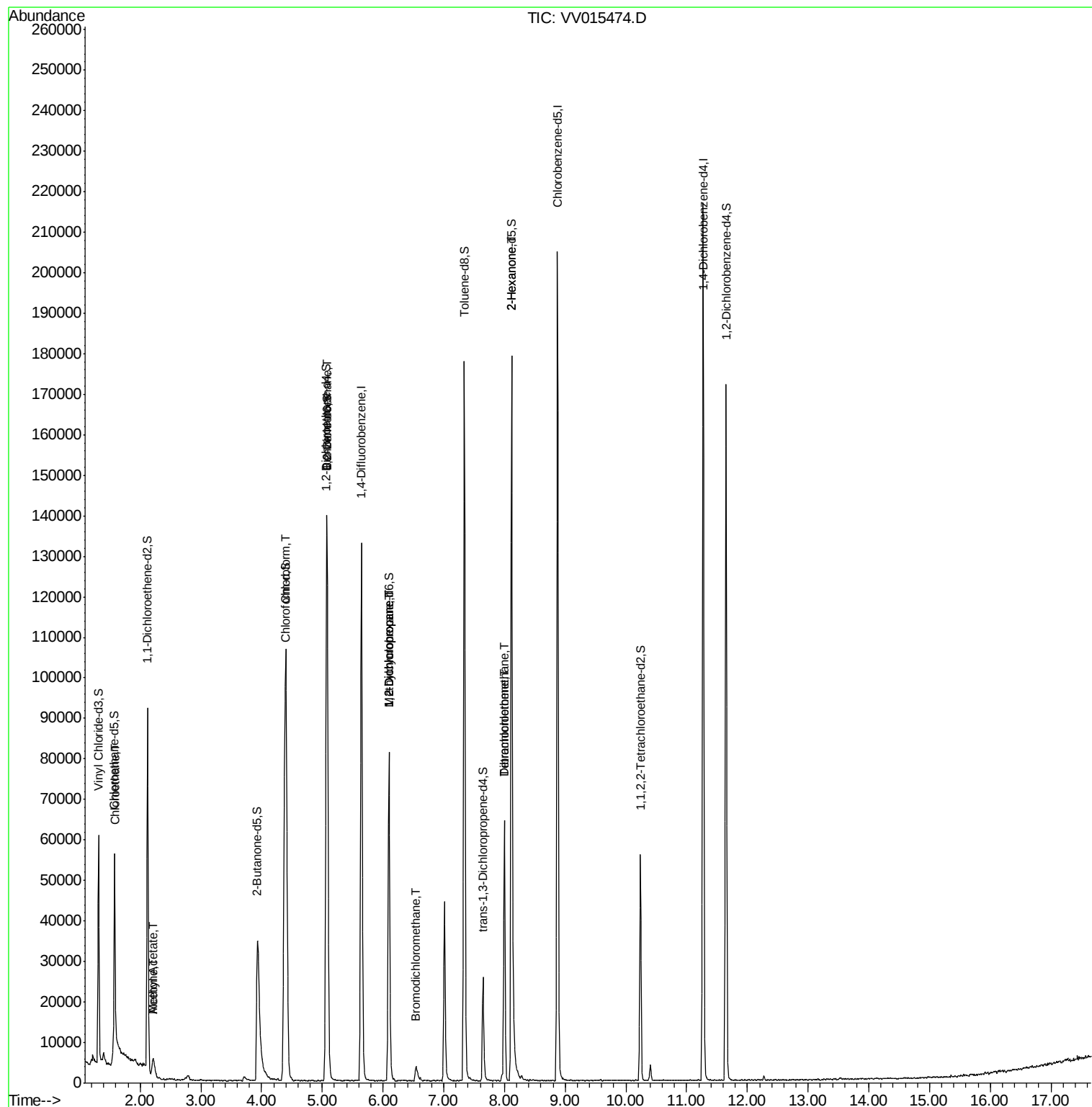
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.59	64	12796	2.217	ug/L #	50
13) Acetone	2.21	43	9499	8.417	ug/L #	48
15) Methyl Acetate	2.21	43	9345	2.799	ug/L #	57
25) Chloroform	4.41	83	75885	5.072	ug/L	99
27) 1,2-Dichloroethane	5.07	62	771	0.080	ug/L #	77
35) Methylcyclohexane	6.10	83	8857	0.623	ug/L #	16
37) 1,2-Dichloropropane	6.10	63	4547	0.584	ug/L #	86
38) Bromodichloromethane	6.54	83	2255	0.217	ug/L #	96
47) Tetrachloroethene	8.00	164	13616	2.176	ug/L	98
48) 2-Hexanone	8.11	43	9016	2.526	ug/L #	79
49) Dibromochloromethane	8.00	129	12939	2.065	ug/L #	10

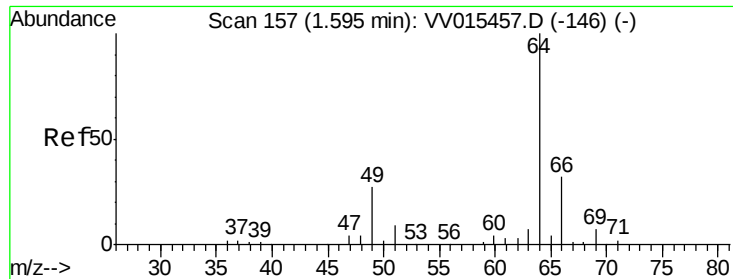
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV041420\
Data File : VV015474.D
Acq On : 14 Apr 2020 20:23
Operator : SY/MD
Sample : L2273-16
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
YAQ94

Quant Time: Apr 15 02:25:55 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR040920WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Apr 15 02:17:02 2020
Response via : Initial Calibration

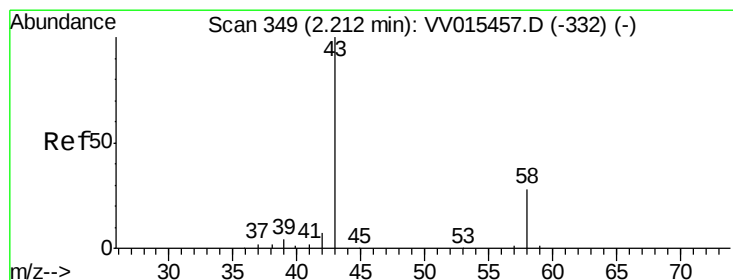
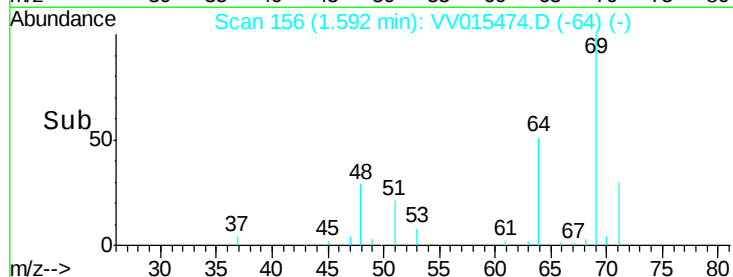
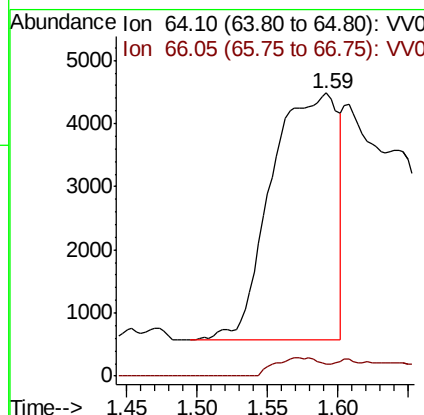
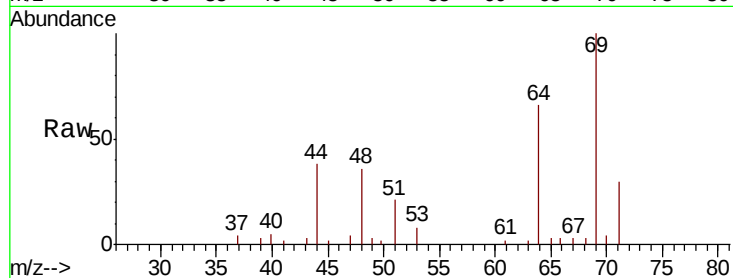




#8
 Chloroethane
 Concen: 2.217 ug/L
 RT: 1.59 min Scan# 156
 Delta R.T. -0.00 min
 Lab File: VV015474.D
 Acq: 14 Apr 2020 20:23

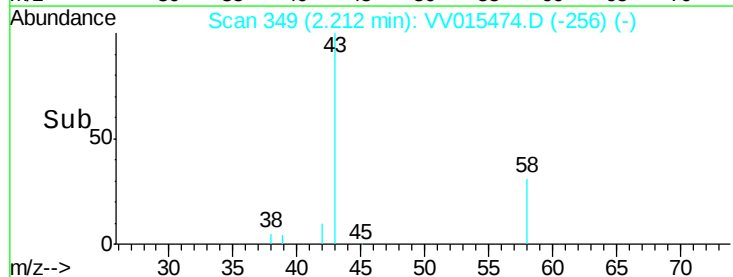
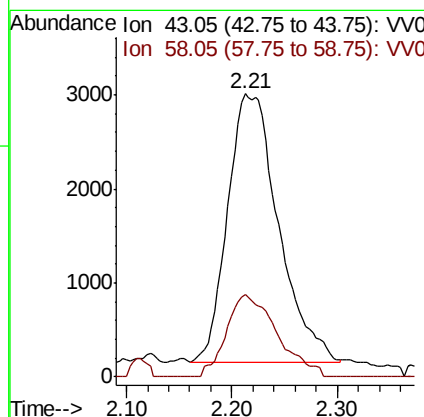
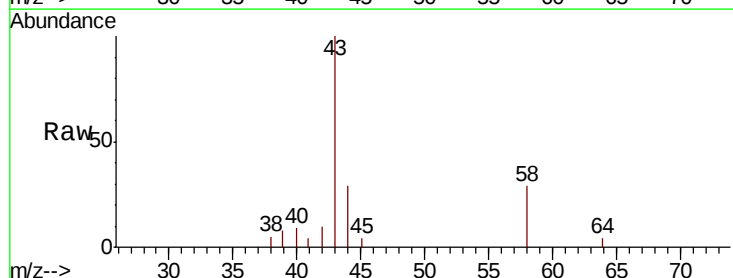
Instrument :
 MSVOA_V
 ClientSampled :
 YAQ94

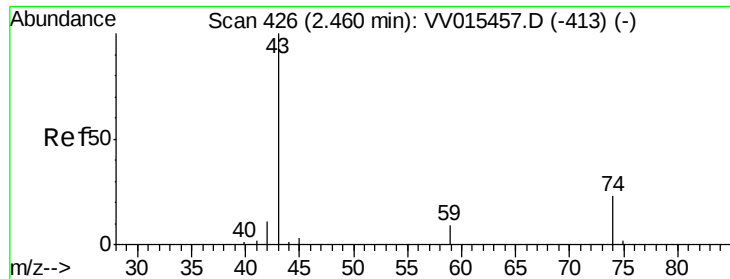
Tot Ion: 64 Resp: 12796
 Ion Ratio Lower Upper
 64 100
 66 4.3 22.3 41.5#



#13
 Acetone
 Concen: 8.417 ug/L
 RT: 2.21 min Scan# 349
 Delta R.T. 0.00 min
 Lab File: VV015474.D
 Acq: 14 Apr 2020 20:23

Tgt Ion: 43 Resp: 9499
 Ion Ratio Lower Upper
 43 100
 58 30.8 0.0 22.2#

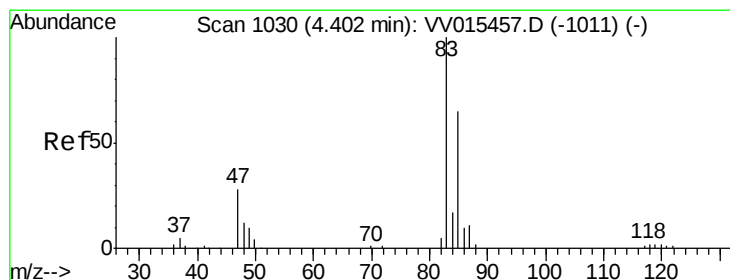
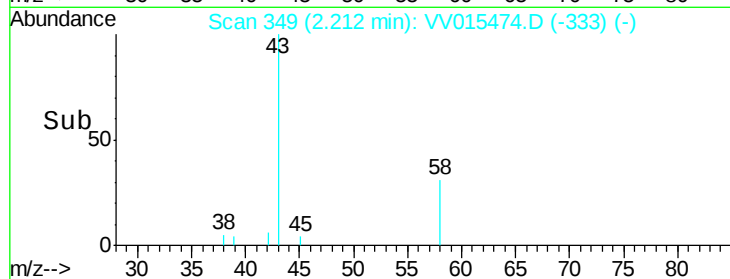
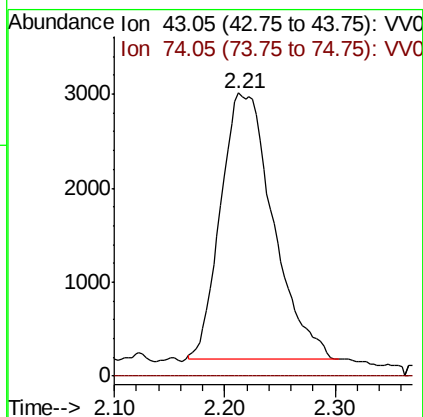
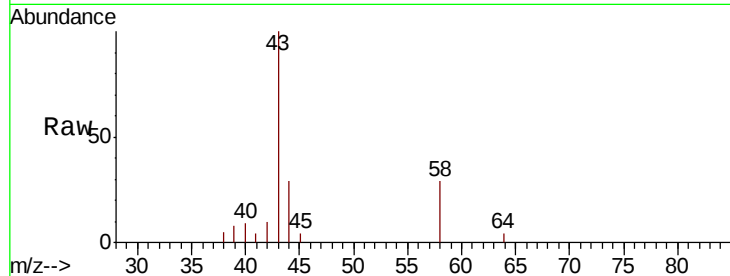




#15
Methvl Acetate
Concen: 2.799 ug/L
RT: 2.21 min Scan# 349
Delta R.T. -0.25 min
Lab File: VV015474.D
Acq: 14 Apr 2020 20:23

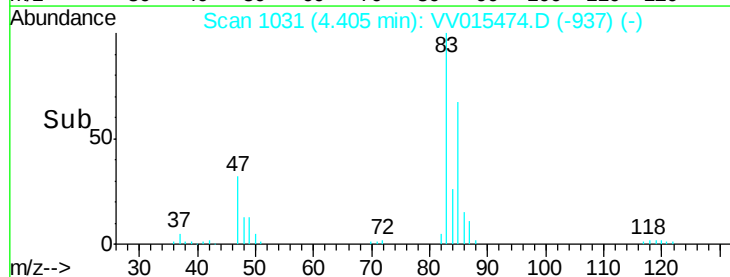
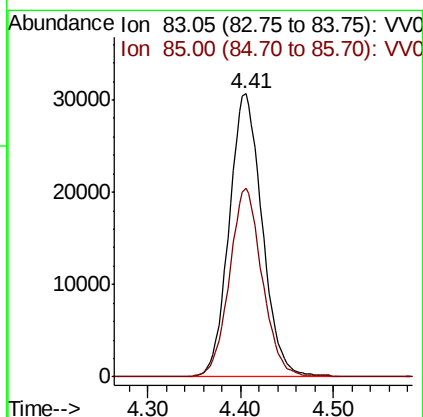
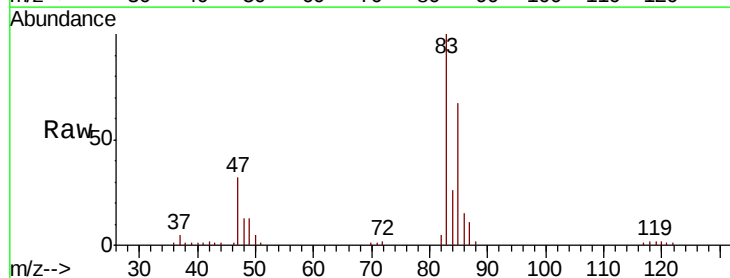
Instrument :
MSVOA_V
ClientSampled :
YAQ94

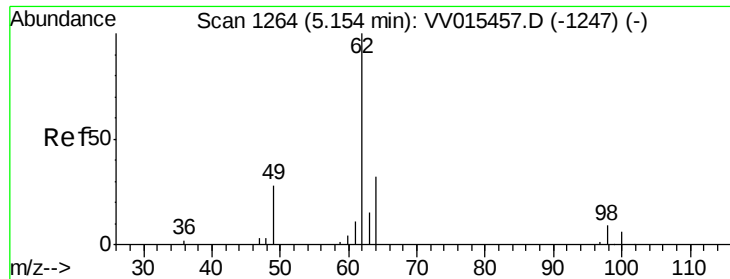
Tot Ion: 43 Resp: 9345
Ion Ratio Lower Upper
43 100
74 0.0 15.4 23.2#



#25
Chloroform
Concen: 5.072 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VV015474.D
Acq: 14 Apr 2020 20:23

Tgt Ion: 83 Resp: 75885
Ion Ratio Lower Upper
83 100
85 66.7 45.9 85.3

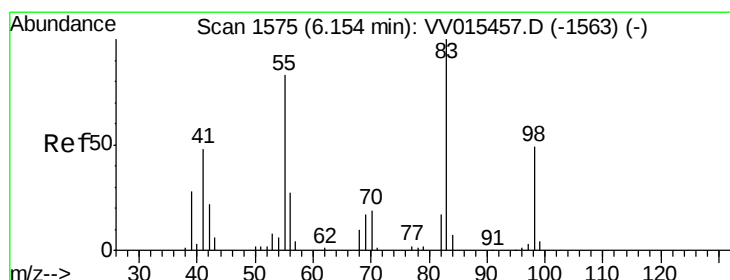
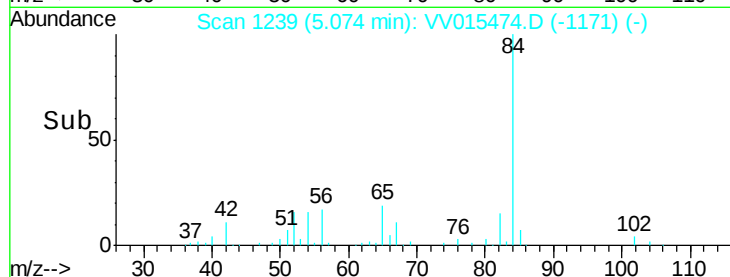
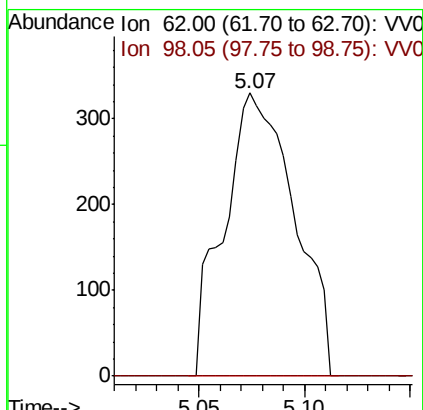
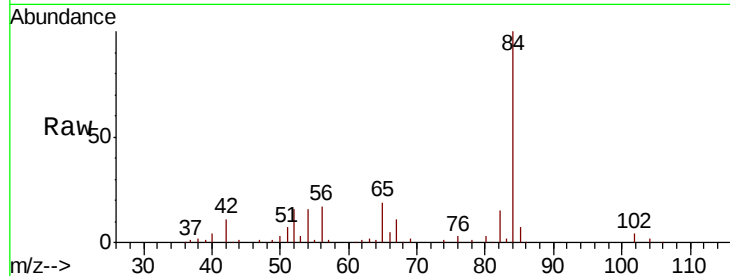




#27
 1,2-Dichloroethane
 Concen: 0.080 ug/L
 RT: 5.07 min Scan# 1239
 Delta R.T. -0.08 min
 Lab File: VV015474.D
 Acq: 14 Apr 2020 20:23

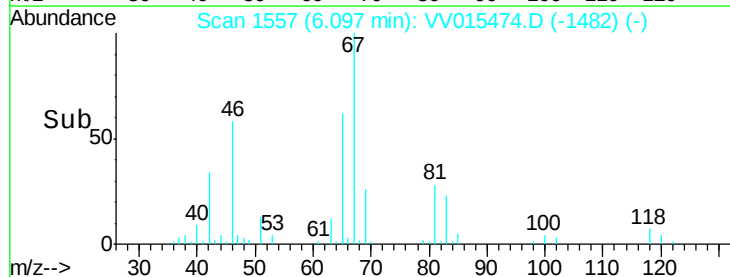
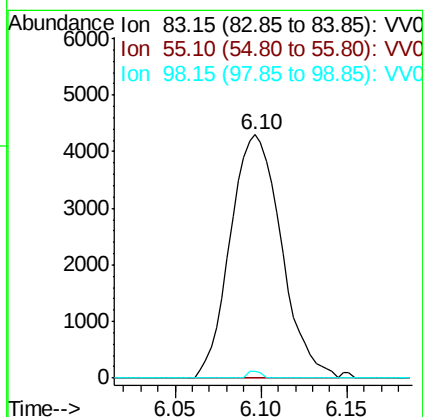
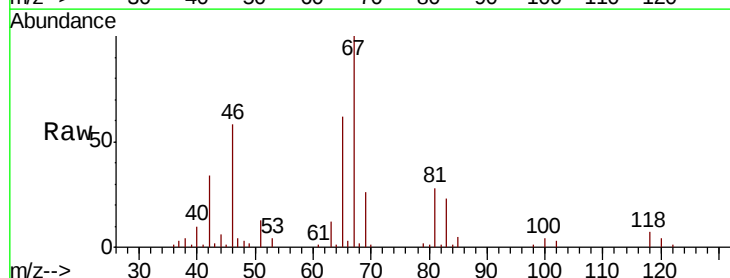
Instrument :
 MSVOA_V
 ClientSampleId :
 YAQ94

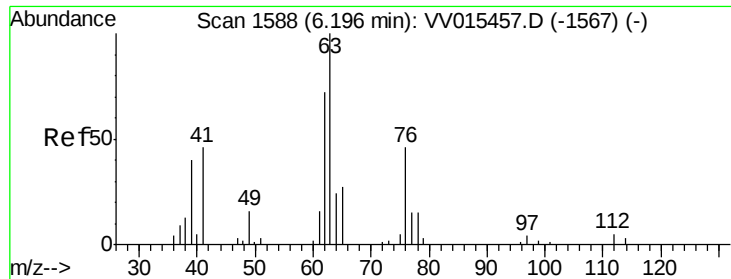
Tot Ion: 62 Resp: 771
 Ion Ratio Lower Upper
 62 100
 98 0.0 6.6 10.0#



#35
 Methylcyclohexane
 Concen: 0.623 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.06 min
 Lab File: VV015474.D
 Acq: 14 Apr 2020 20:23

Tgt Ion: 83 Resp: 8857
 Ion Ratio Lower Upper
 83 100
 55 0.0 66.6 99.8#
 98 0.7 38.7 58.1#

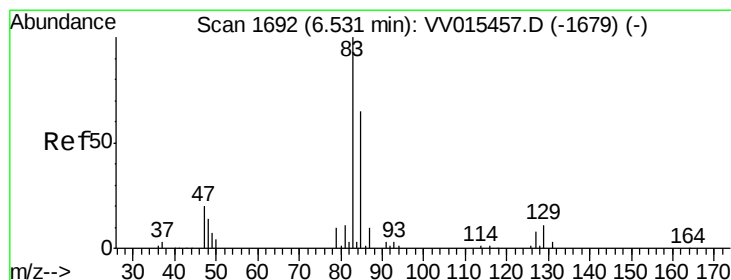
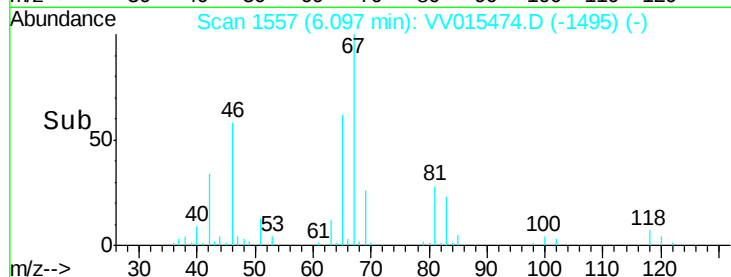
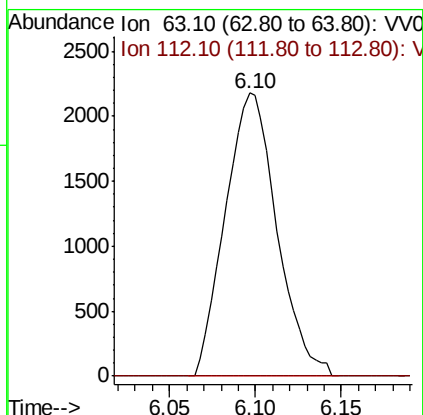
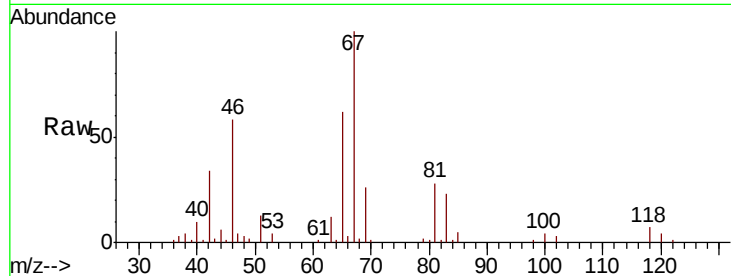




#37
 1,2-Dichloropropane
 Concen: 0.584 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.10 min
 Lab File: VV015474.D
 Acq: 14 Apr 2020 20:23

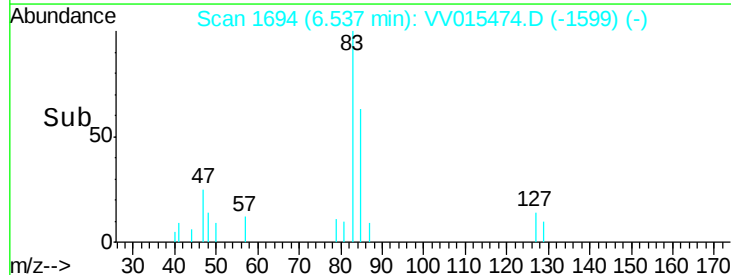
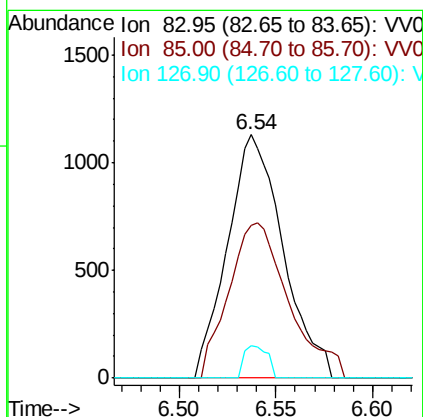
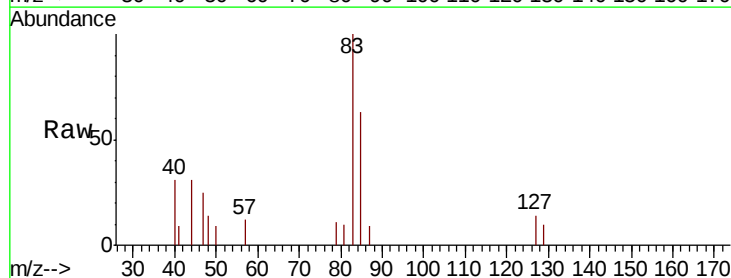
Instrument :
 MSVOA_V
 ClientSampleId :
 YAQ94

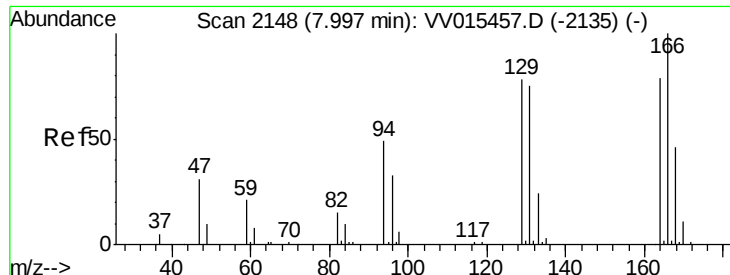
Tot Ion: 63 Resp: 4547
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#38
 Bromodichloromethane
 Concen: 0.217 ug/L
 RT: 6.54 min Scan# 1694
 Delta R.T. 0.01 min
 Lab File: VV015474.D
 Acq: 14 Apr 2020 20:23

Tgt Ion: 83 Resp: 2255
 Ion Ratio Lower Upper
 83 100
 85 63.0 42.6 79.2
 127 13.5 6.6 9.8#





#47

Tetrachloroethene

Concen: 2.176 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. 0.00 min

Lab File: VV015474.D

Acq: 14 Apr 2020 20:23

Instrument :

MSVOA_V

ClientSampleId :

YAQ94

Tot Ion:164 Resp: 13616

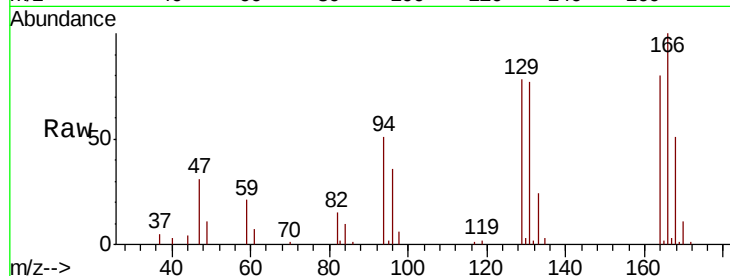
Ion Ratio Lower Upper

164 100

129 97.9 70.6 131.0

131 96.0 68.3 126.8

166 125.5 88.3 163.9

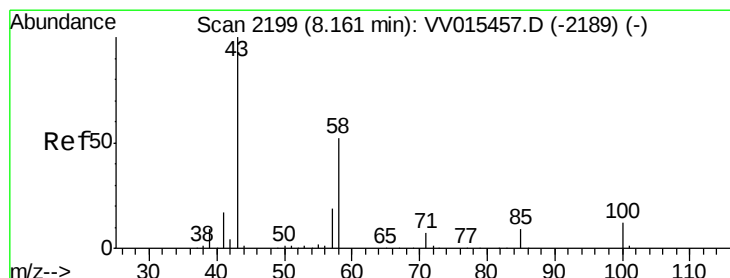
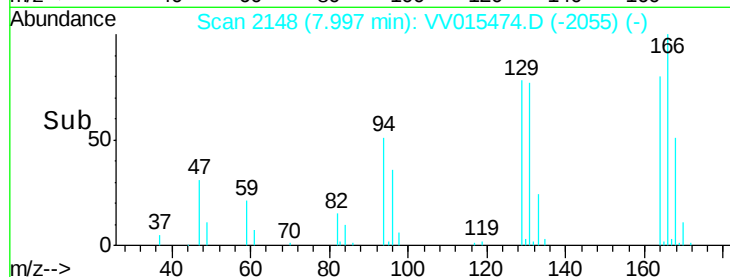
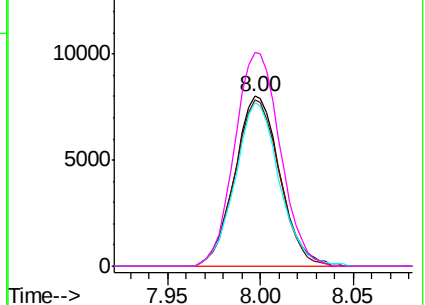


Abundance Ion 163.90 (163.60 to 164.60): V

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



#48

2-Hexanone

Concen: 2.526 ug/L

RT: 8.11 min Scan# 2184

Delta R.T. -0.05 min

Lab File: VV015474.D

Acq: 14 Apr 2020 20:23

Tgt Ion: 43 Resp: 9016

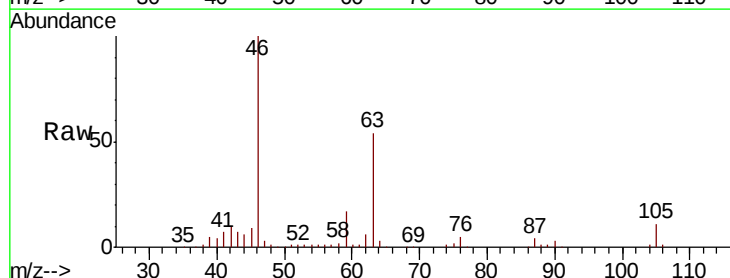
Ion Ratio Lower Upper

43 100

58 34.5 41.4 62.0#

57 21.5 15.0 22.4

100 0.0 9.4 14.2#

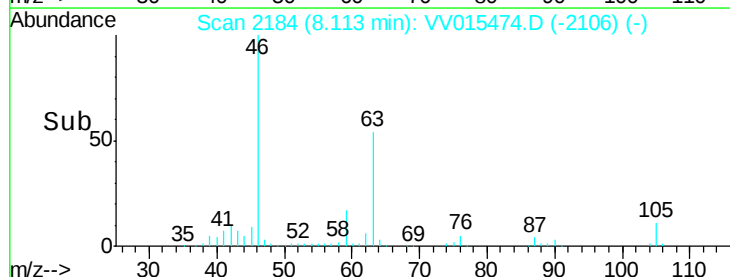
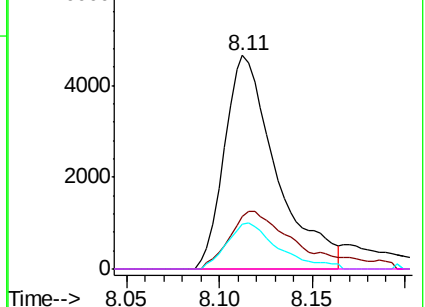


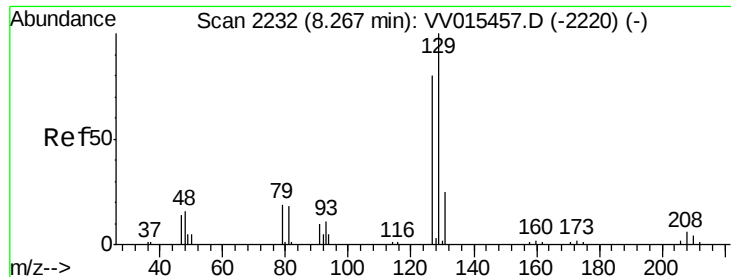
Abundance Ion 43.05 (42.75 to 43.75): VV0

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





#49

Dibromochloromethane

Concen: 2.065 ug/L

RT: 8.00 min Scan# 2148

Delta R.T. -0.27 min

Lab File: VV015474.D

Acq: 14 Apr 2020 20:23

Instrument :

MSVOA_V

ClientSampleId :

YAQ94

Tot Ion:129 Resp: 12939

Ion Ratio Lower Upper

129 100

127 0.0 54.7 101.7#

