

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042820\
 Data File : VV015778.D
 Acq On : 29 Apr 2020 04:12
 Operator : SY/MD
 Sample : L2421-03
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 29 06:29:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Apr 29 03:36:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	116538	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	113576	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	52563	5.00	ug/L	0.00

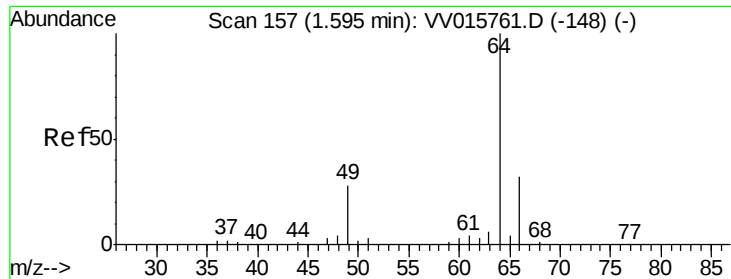
System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	35997	5.91	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	118.20%
7) Chloroethane-d5	1.58	69	31805	5.42	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.40%
11) 1,1-Dichloroethene-d2	2.12	63	52021	3.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.00%
20) 2-Butanone-d5	3.92	46	85881	43.92	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.84%
24) Chloroform-d	4.38	84	60475	4.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.20%
26) 1,2-Dichloroethane-d4	5.06	65	38073	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.80%
32) Benzene-d6	5.08	84	129587	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
36) 1,2-Dichloropropane-d6	6.09	67	40520	4.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.60%
41) Toluene-d8	7.34	98	113586	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.20%
43) trans-1,3-Dichloropropene-	7.65	79	12851	3.84	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.80%
46) 2-Hexanone-d5	8.11	63	58222	35.64	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	71.28%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	26188	4.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.20%
64) 1,2-Dichlorobenzene-d4	11.65	152	41396	4.63	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.60%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.52	64	5231	0.864	ug/L #	60
25) Chloroform	4.41	83	6503	0.411	ug/L	96
27) 1,2-Dichloroethane	5.07	62	886	0.085	ug/L #	78
34) Trichloroethene	5.94	95	1558	0.174	ug/L	88
35) Methylcyclohexane	6.10	83	10075	0.733	ug/L #	15
37) 1,2-Dichloropropane	6.10	63	5093	0.617	ug/L #	86
39) cis-1,3-Dichloropropene	7.01	75	1114	0.097	ug/L #	39
47) Tetrachloroethene	8.00	164	6636	1.028	ug/L	97
48) 2-Hexanone	8.17	43	5397	1.414	ug/L #	92
49) Dibromochloromethane	8.00	129	6462	1.111	ug/L #	12

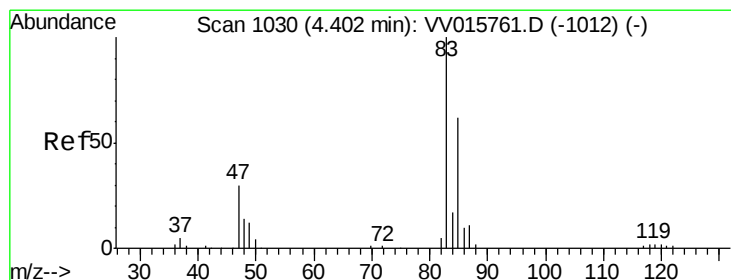
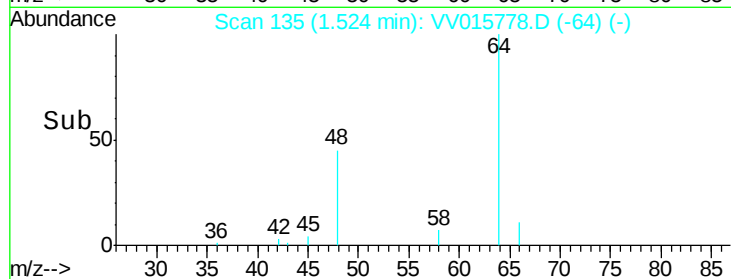
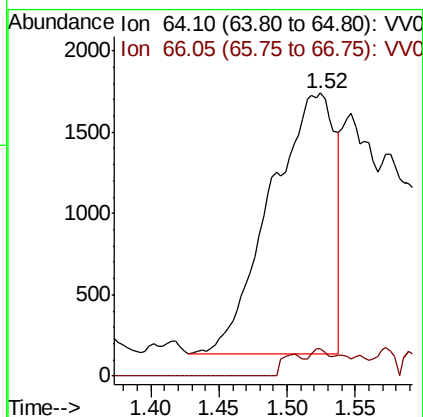
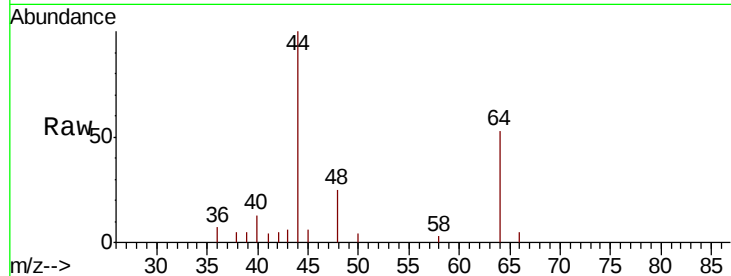
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#8
Chloroethane
Concen: 0.864 ug/L
RT: 1.52 min Scan# 135
Delta R.T. -0.07 min
Lab File: VV015778.D
Acq: 29 Apr 2020 04:12

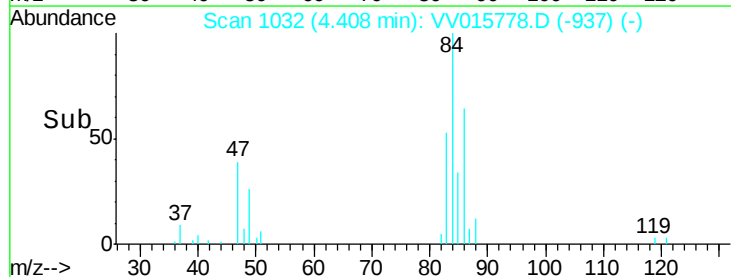
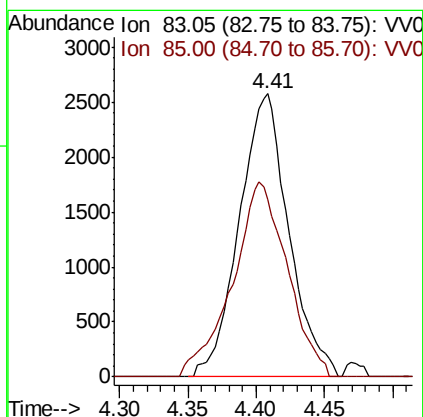
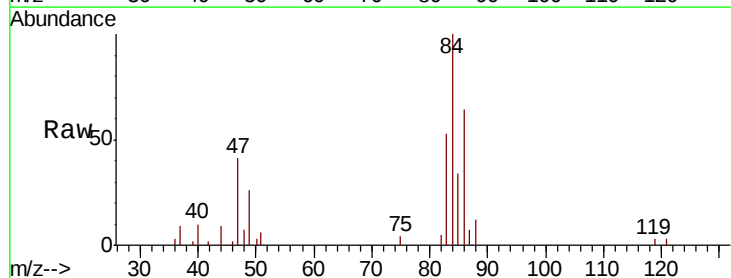
Instrument :
MSVOA_V
ClientSampleId :

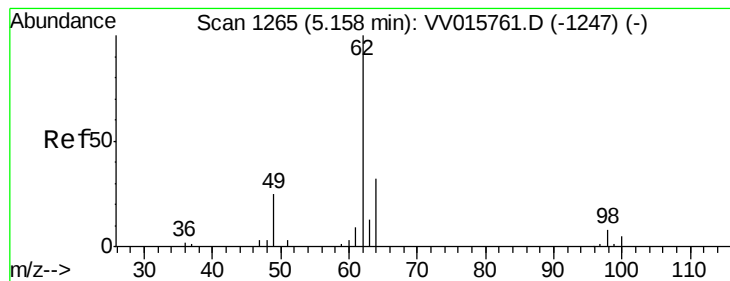
Tot Ion: 64 Resp: 5231
Ion Ratio Lower Upper
64 100
66 9.6 22.3 41.5#



#25
Chloroform
Concen: 0.411 ug/L
RT: 4.41 min Scan# 1032
Delta R.T. 0.01 min
Lab File: VV015778.D
Acq: 29 Apr 2020 04:12

Tgt Ion: 83 Resp: 6503
Ion Ratio Lower Upper
83 100
85 62.7 46.1 85.5





#27

1,2-Dichloroethane

Concen: 0.085 ug/L

RT: 5.07 min Scan# 1239

Delta R.T. -0.08 min

Lab File: VV015778.D

Acq: 29 Apr 2020 04:12

Instrument :

MSVOA_V

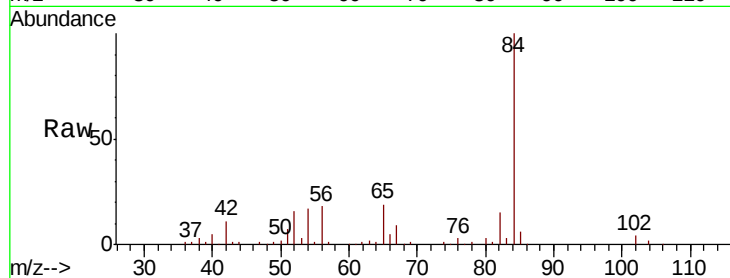
ClientSampled :

Tot Ion: 62 Resp: 886

Ion Ratio Lower Upper

62 100

98 0.0 6.3 9.5#



Abundance Ion 62.00 (61.70 to 62.70): VV015778.D (-1247) (-)

Ion 98.05 (97.75 to 98.75): VV015778.D (-1247) (-)

5.07

400

300

200

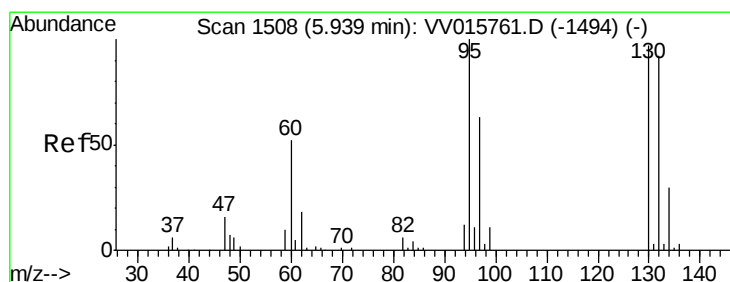
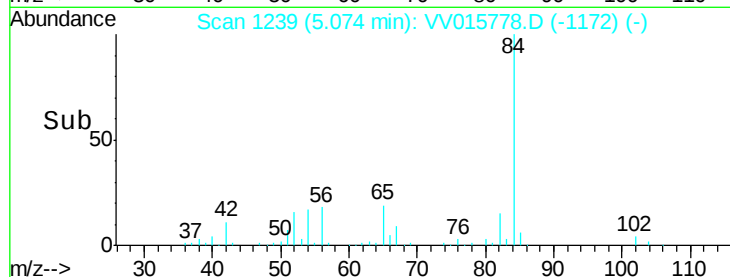
100

0

5.05

5.10

Time-->



#34

Trichloroethene

Concen: 0.174 ug/L

RT: 5.94 min Scan# 1509

Delta R.T. 0.00 min

Lab File: VV015778.D

Acq: 29 Apr 2020 04:12

Tgt Ion: 95 Resp: 1558

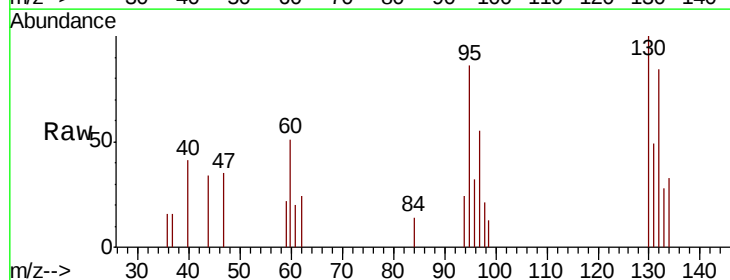
Ion Ratio Lower Upper

95 100

97 64.7 44.7 82.9

132 98.7 65.2 121.0

130 116.8 65.0 120.6



Abundance Ion 95.00 (94.70 to 95.70): VV015778.D (-1494) (-)

Ion 96.95 (96.65 to 97.65): VV015778.D (-1494) (-)

Ion 131.95 (131.65 to 132.65): VV015778.D (-1494) (-)

Ion 129.95 (129.65 to 130.65): VV015778.D (-1494) (-)

1200

1000

800

600

400

200

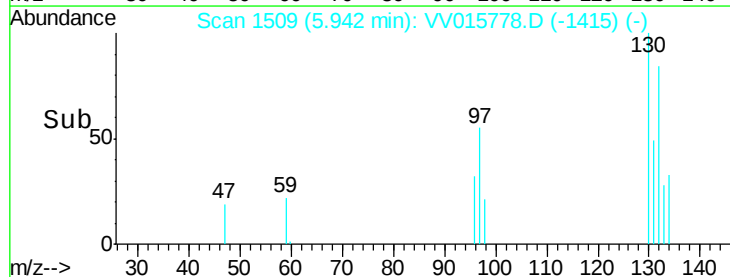
0

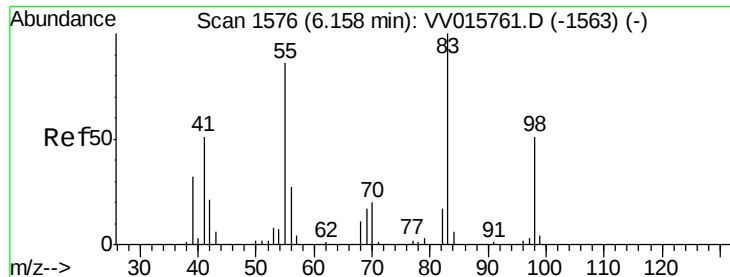
5.90

5.95

6.00

Time-->

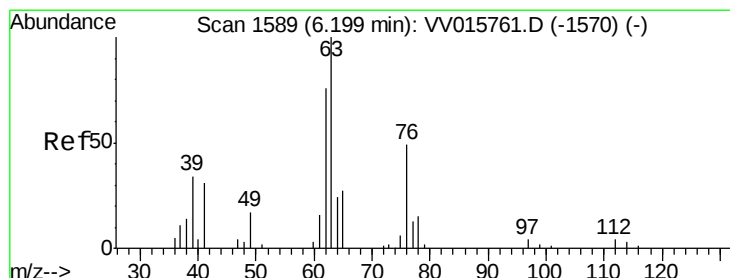
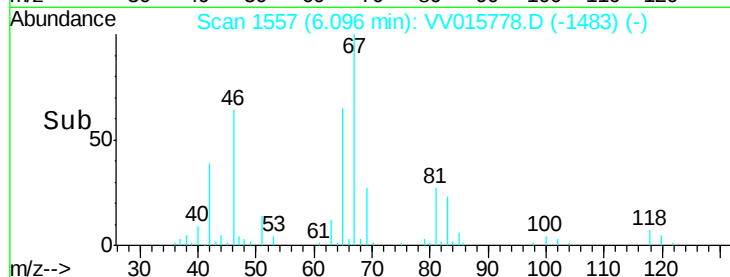
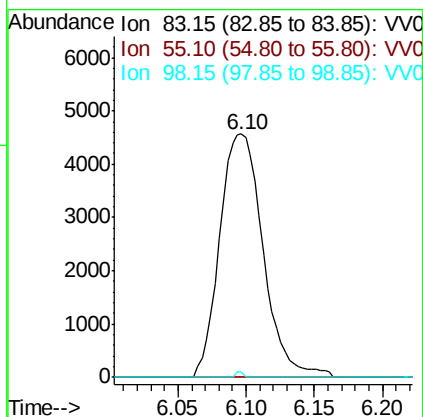
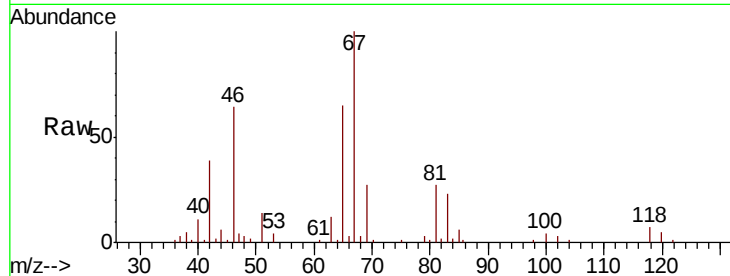




#35
Methvlcvclohexane
Concen: 0.733 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.06 min
Lab File: VV015778.D
Acq: 29 Apr 2020 04:12

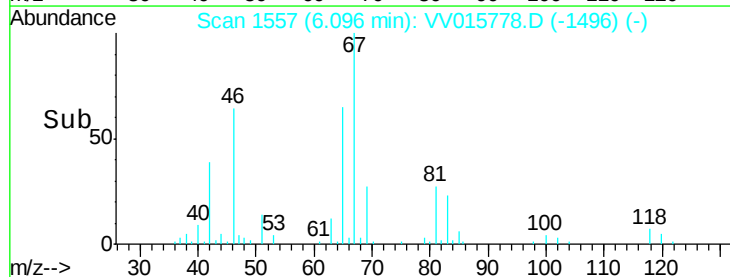
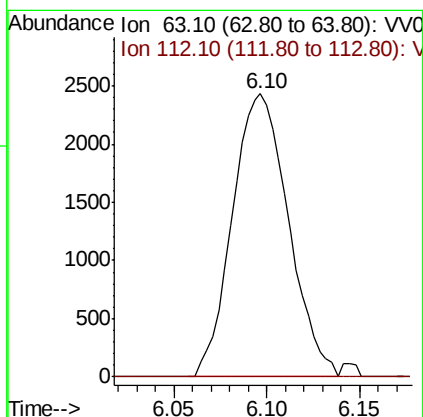
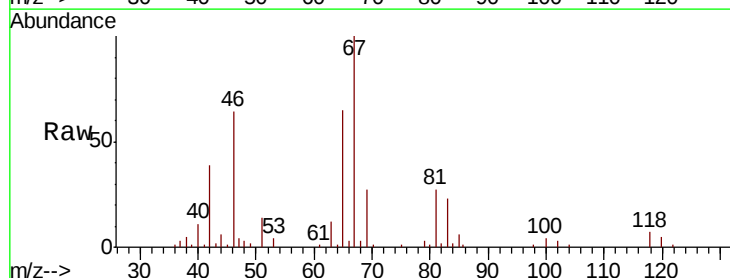
Instrument :
MSVOA_V
ClientSampleId :

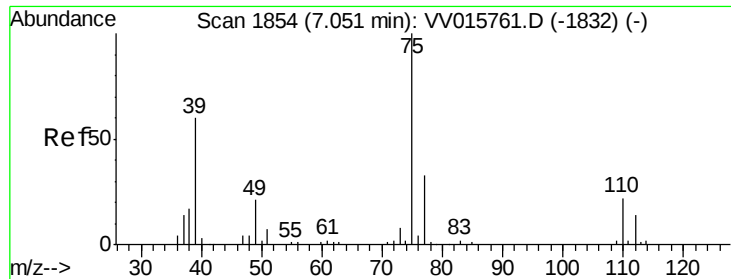
Tot Ion: 83 Resp: 10075
Ion Ratio Lower Upper
83 100
55 0.0 66.6 99.8#
98 0.4 39.5 59.3#



#37
1,2-Dichloropropane
Concen: 0.617 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.10 min
Lab File: VV015778.D
Acq: 29 Apr 2020 04:12

Tgt Ion: 63 Resp: 5093
Ion Ratio Lower Upper
63 100
112 0.0 3.6 5.4#

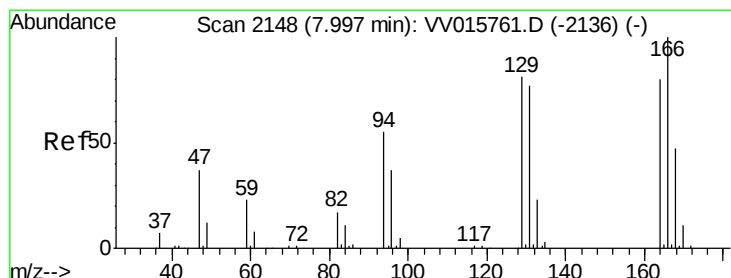
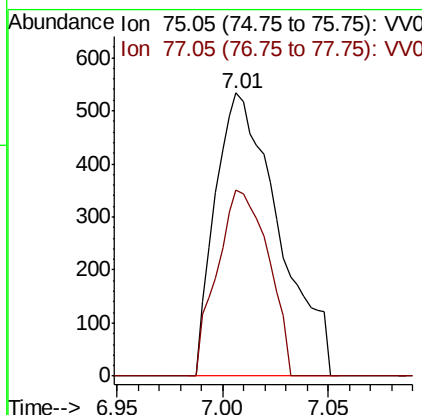
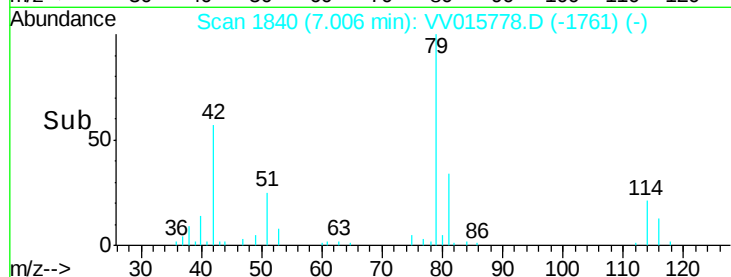
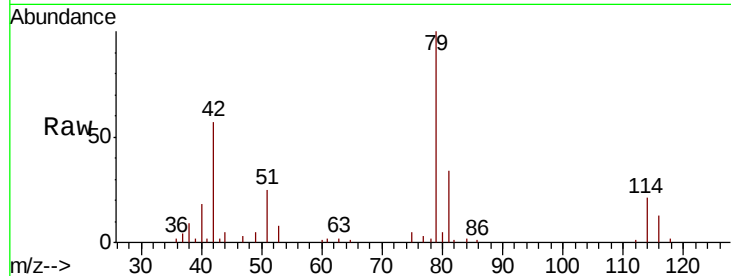




#39
 cis-1,3-Dichloropropene
 Concen: 0.097 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.05 min
 Lab File: VV015778.D
 Acq: 29 Apr 2020 04:12

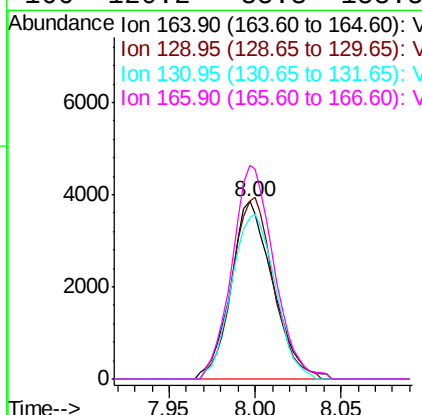
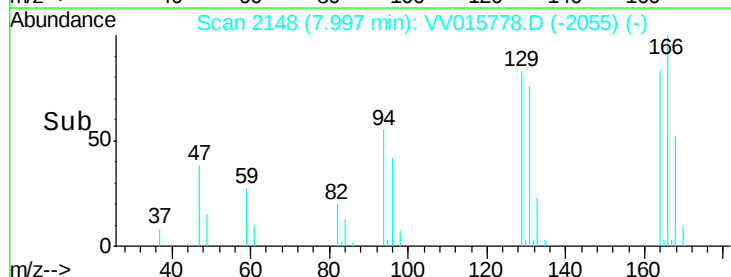
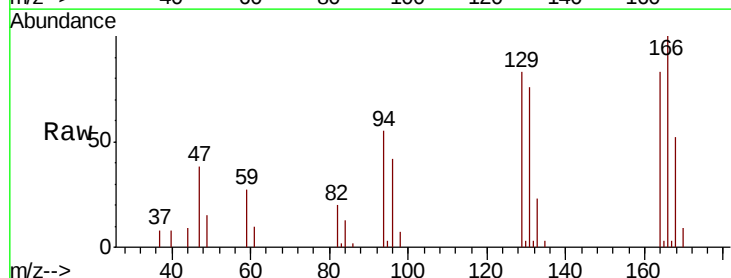
Instrument :
 MSVOA_V
 ClientSampleId :

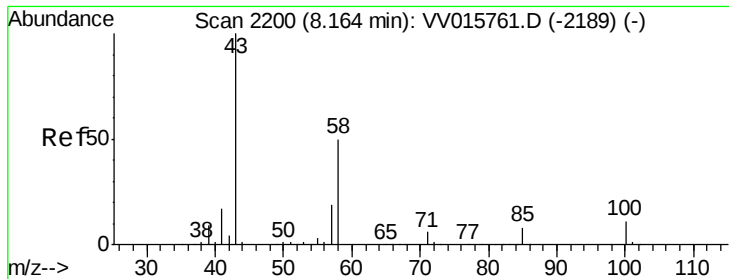
Tot Ion: 75 Resp: 1114
 Ion Ratio Lower Upper
 75 100
 77 65.9 22.3 41.5#



#47
 Tetrachloroethene
 Concen: 1.028 ug/L
 RT: 8.00 min Scan# 2148
 Delta R.T. 0.00 min
 Lab File: VV015778.D
 Acq: 29 Apr 2020 04:12

Tgt Ion: 164 Resp: 6636
 Ion Ratio Lower Upper
 164 100
 129 99.9 66.7 123.9
 131 91.1 66.6 123.6
 166 120.2 85.3 158.5

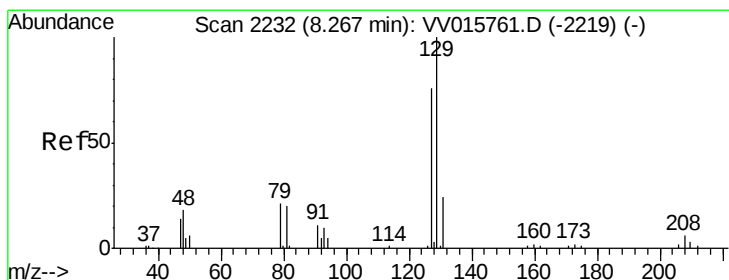
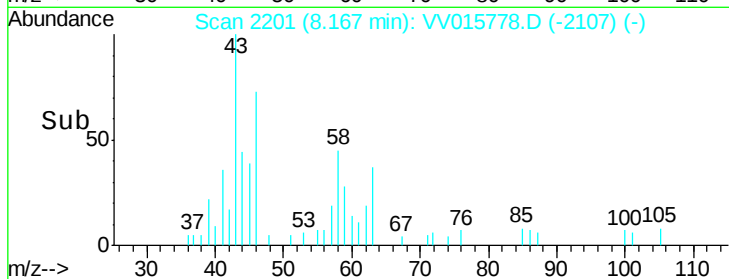
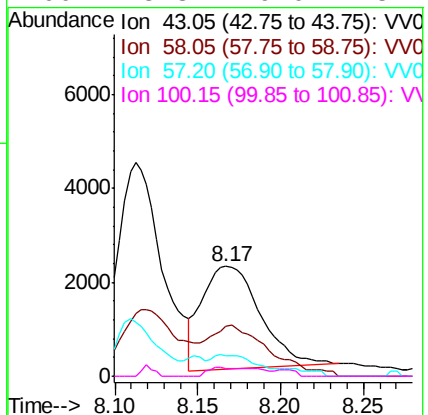
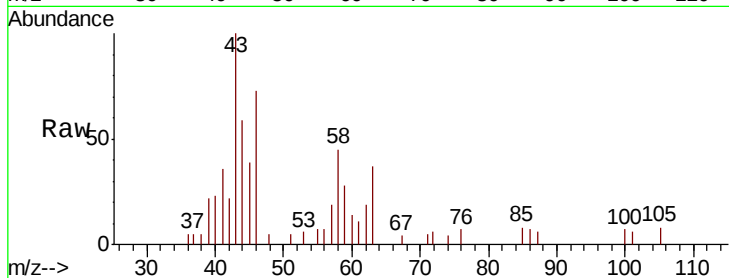




#48
2-Hexanone
Concen: 1.414 ug/L
RT: 8.17 min Scan# 2201
Delta R.T. 0.00 min
Lab File: VV015778.D
Acq: 29 Apr 2020 04:12

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 5397
Ion Ratio Lower Upper
43 100
58 50.4 41.1 61.7
57 10.0 15.0 22.4#
100 5.3 9.0 13.4#



#49
Dibromochloromethane
Concen: 1.111 ug/L
RT: 8.00 min Scan# 2149
Delta R.T. -0.27 min
Lab File: VV015778.D
Acq: 29 Apr 2020 04:12

Tgt Ion: 129 Resp: 6462
Ion Ratio Lower Upper
129 100
127 0.0 52.6 97.8#

