

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052920\
 Data File : VV016342.D
 Acq On : 30 May 2020 04:23
 Operator : SY/MD
 Sample : L2794-02
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 30 05:29:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR052620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat May 30 03:05:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	76567	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	70567	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	25500	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	23380	4.75	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.00%
7) Chloroethane-d5	1.58	69	18312	4.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.80%
11) 1,1-Dichloroethene-d2	2.12	63	33210	3.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.00%
20) 2-Butanone-d5	3.97	46	50288	41.23	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.46%
24) Chloroform-d	4.38	84	46863	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
26) 1,2-Dichloroethane-d4	5.06	65	26493	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.20%
32) Benzene-d6	5.07	84	92353	5.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.60%
36) 1,2-Dichloropropane-d6	6.10	67	29404	5.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.80%
41) Toluene-d8	7.34	98	79908	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
45) trans-1,3-Dichloropropene-	7.65	79	8434	4.18	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.60%
48) 2-Hexanone-d5	8.12	63	45816	49.56	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.12%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	17351	4.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.80%
65) 1,2-Dichlorobenzene-d4	11.65	152	22144	5.20	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.00%

Target Compounds

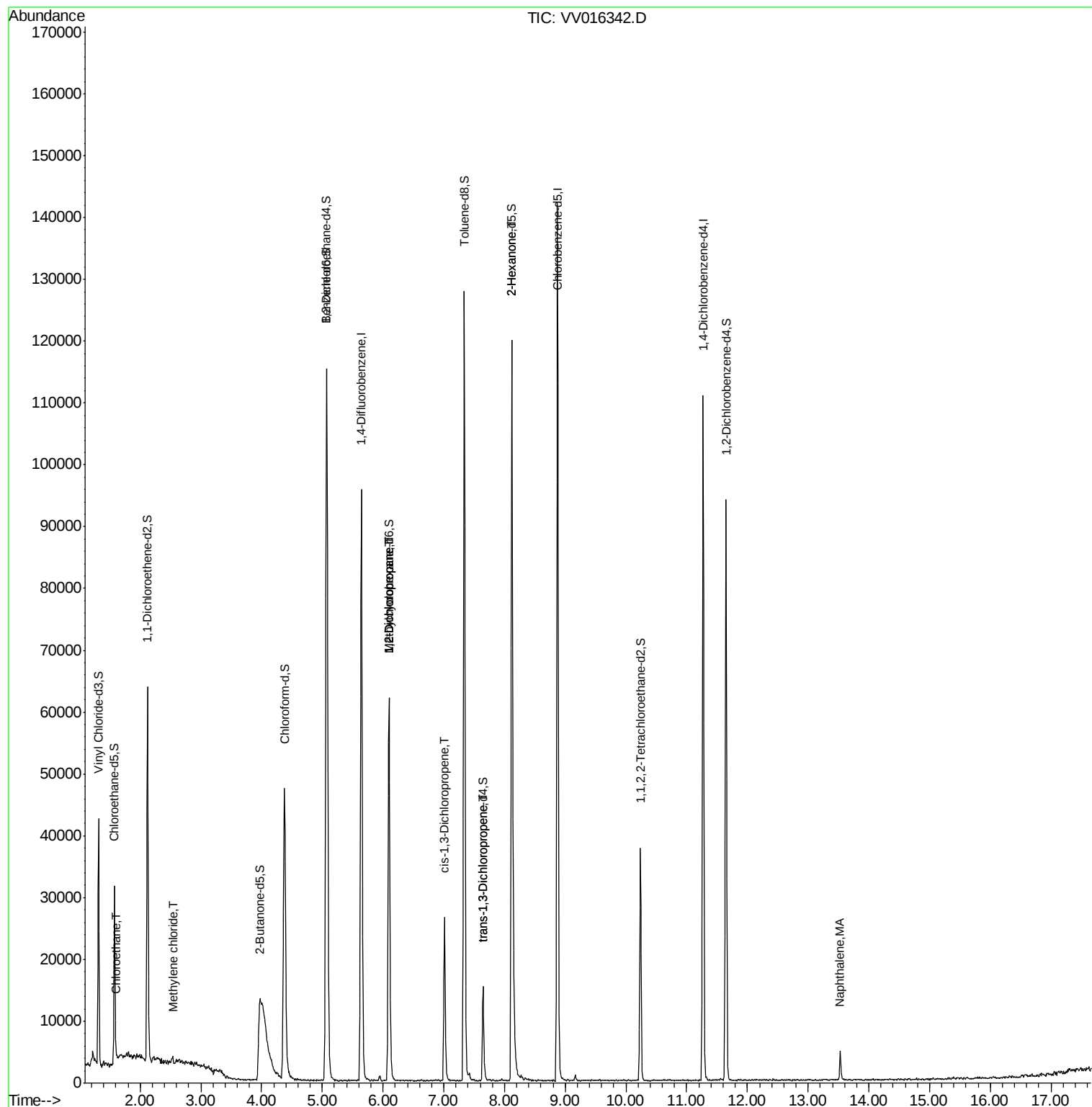
					Ovalue
8) Chloroethane	1.60	64	365	0.097 ug/L #	42
16) Methylene chloride	2.53	84	542	0.105 ug/L #	68
35) Methylcyclohexane	6.10	83	6671	0.748 ug/L #	16
37) 1,2-Dichloropropane	6.10	63	3388	0.680 ug/L #	88
39) cis-1,3-Dichloropropene	7.01	75	741	0.105 ug/L #	70
46) trans-1,3-Dichloropropene	7.65	75	337	0.058 ug/L #	67
50) 2-Hexanone	8.12	43	6160	2.851 ug/L #	73
70) Naphthalene	13.53	128	4271	0.404 ug/L	95

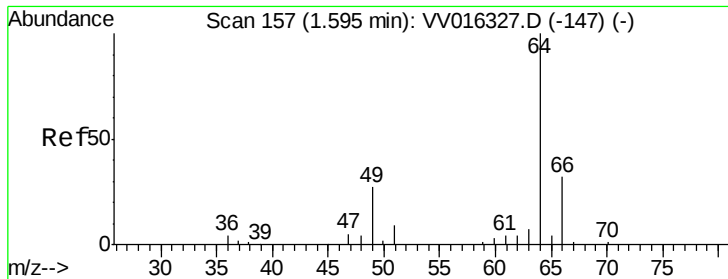
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
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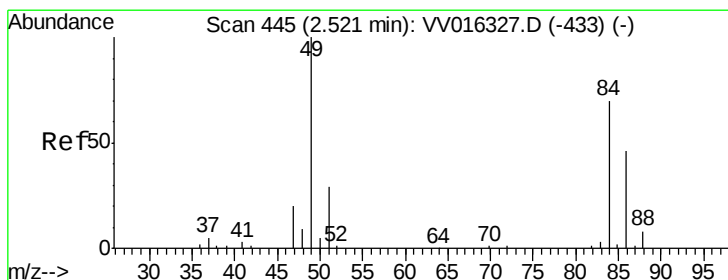
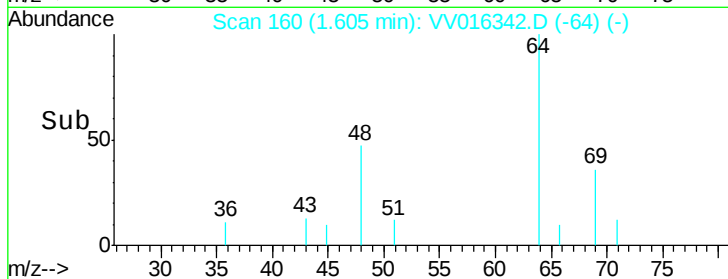
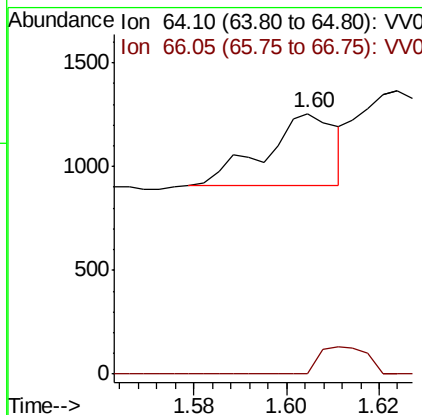
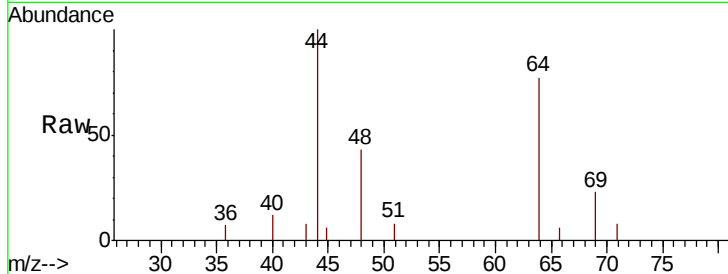




#8
 Chloroethane
 Concen: 0.097 ug/L
 RT: 1.60 min Scan# 160
 Delta R.T. 0.01 min
 Lab File: VV016342.D
 Acq: 30 May 2020 04:23

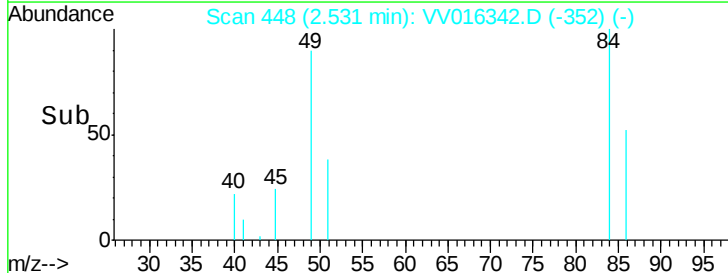
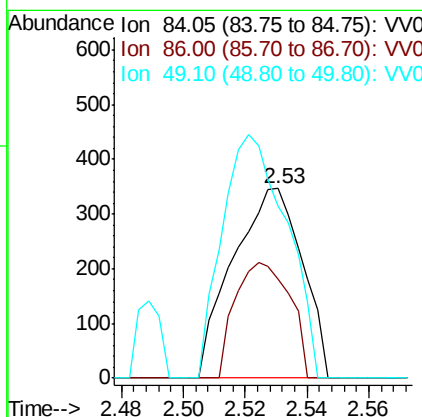
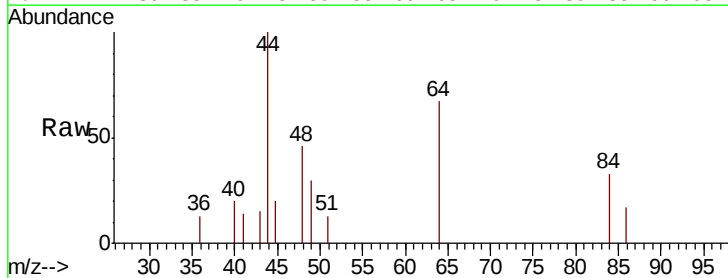
Instrument :
 MSVOA_V
 ClientSampleId :

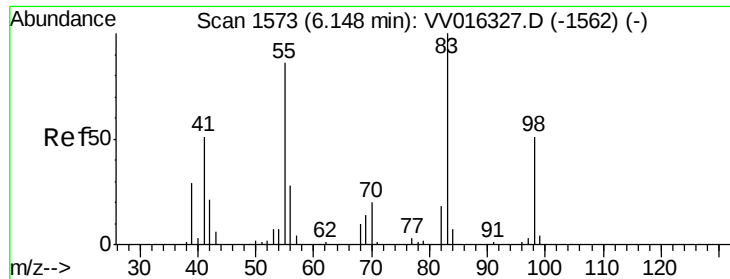
Tot Ion: 64 Resp: 365
 Ion Ratio Lower Upper
 64 100
 66 0.0 22.9 42.5#



#16
 Methylene chloride
 Concen: 0.105 ug/L
 RT: 2.53 min Scan# 448
 Delta R.T. 0.01 min
 Lab File: VV016342.D
 Acq: 30 May 2020 04:23

Tgt Ion: 84 Resp: 542
 Ion Ratio Lower Upper
 84 100
 86 52.4 44.9 83.5
 49 90.5 96.7 179.7#

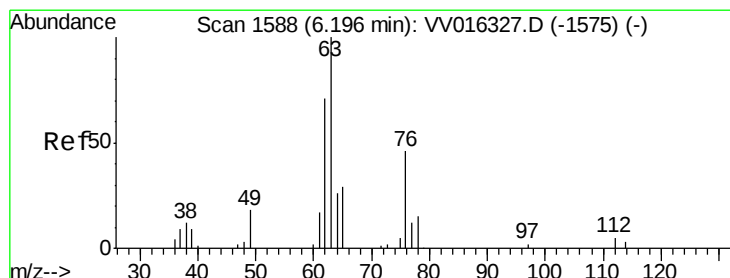
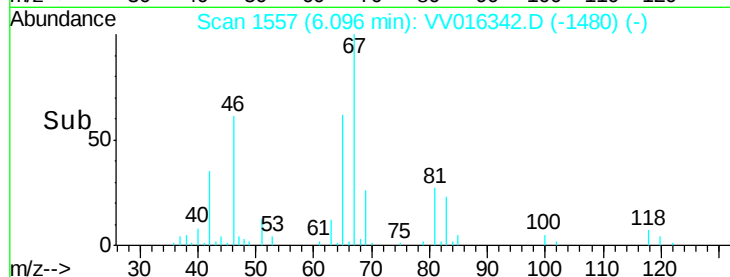
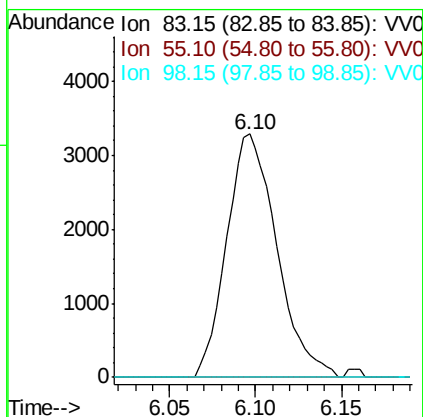
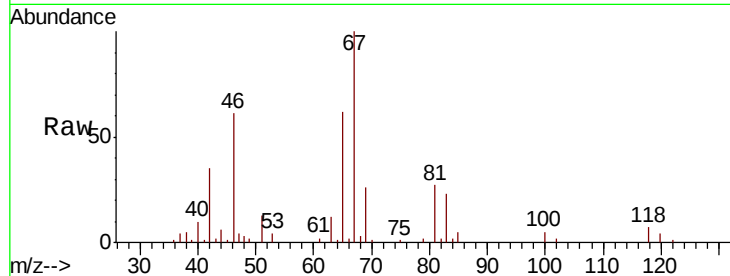




#35
Methvlcvclohexane
Concen: 0.748 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.05 min
Lab File: VV016342.D
Acq: 30 May 2020 04:23

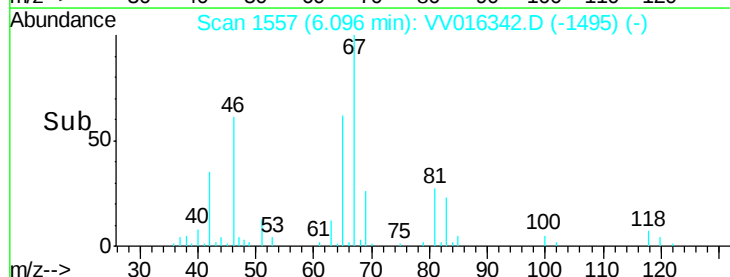
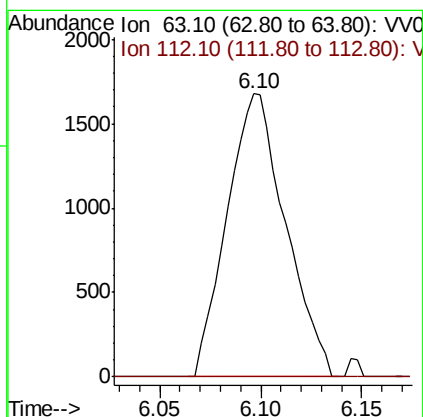
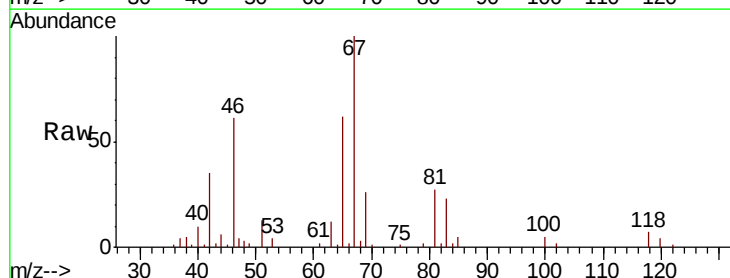
Instrument :
MSVOA_V
ClientSampleId :

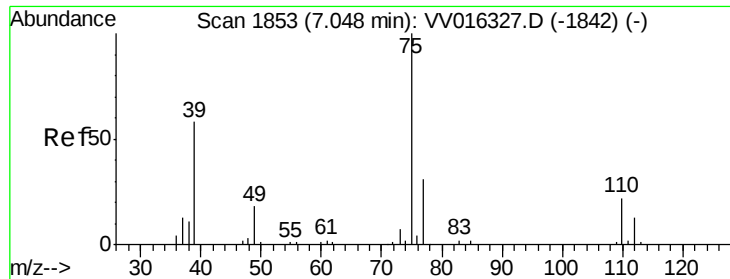
Tot Ion: 83 Resp: 6671
Ion Ratio Lower Upper
83 100
55 0.0 65.4 98.0#
98 0.0 39.3 58.9#



#37
1,2-Dichloropropane
Concen: 0.680 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.10 min
Lab File: VV016342.D
Acq: 30 May 2020 04:23

Tgt Ion: 63 Resp: 3388
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#

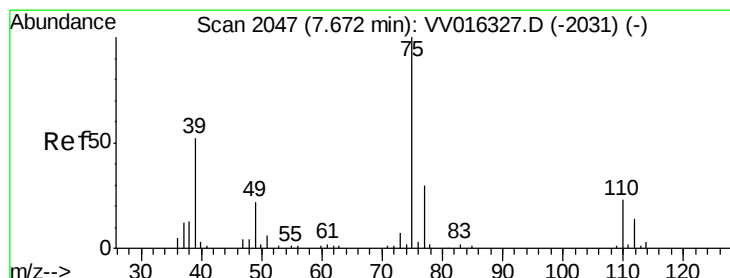
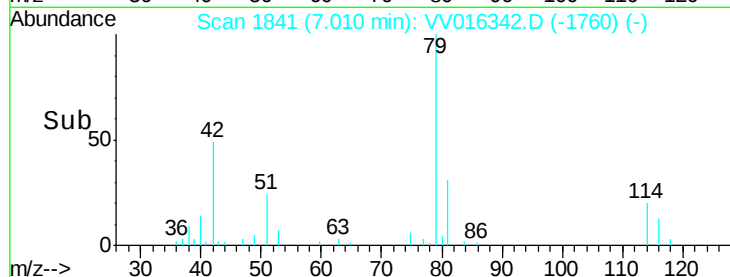
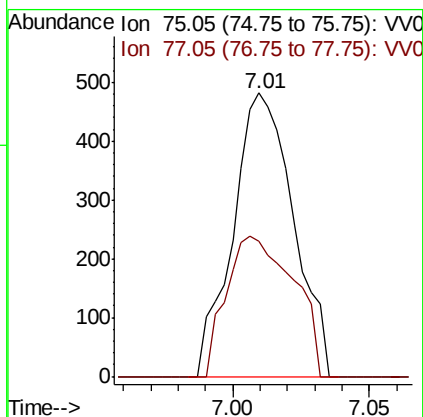
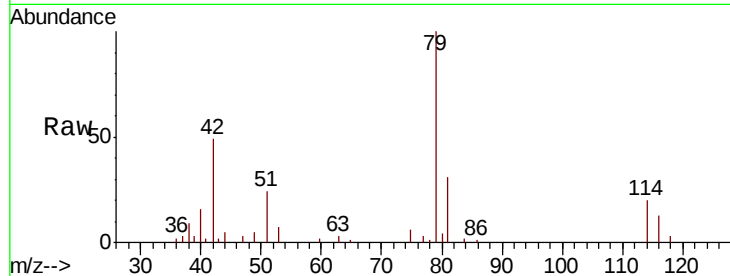




#39
 cis-1,3-Dichloropropene
 Concen: 0.105 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV016342.D
 Acq: 30 May 2020 04:23

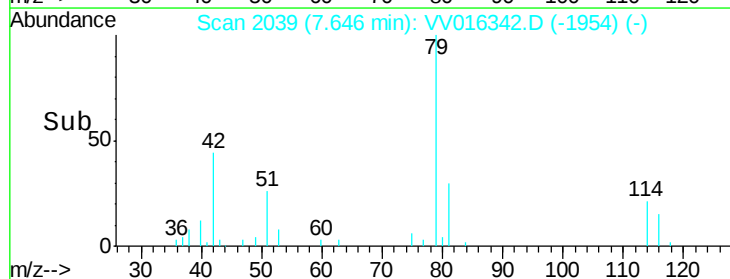
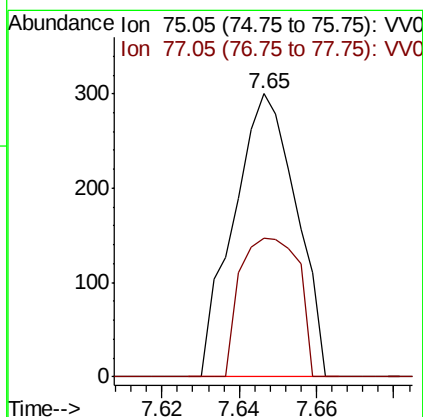
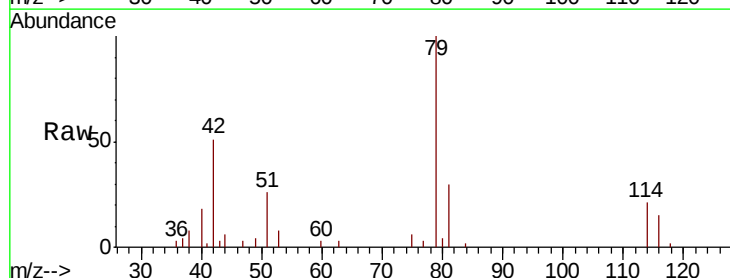
Instrument :
 MSVOA_V
 ClientSampled :

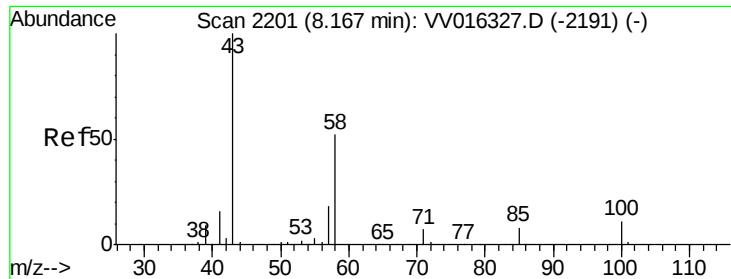
Tot Ion: 75 Resp: 741
 Ion Ratio Lower Upper
 75 100
 77 47.5 21.7 40.3#



#46
 trans-1,3-Dichloropropene
 Concen: 0.058 ug/L
 RT: 7.65 min Scan# 2039
 Delta R.T. -0.03 min
 Lab File: VV016342.D
 Acq: 30 May 2020 04:23

Tgt Ion: 75 Resp: 337
 Ion Ratio Lower Upper
 75 100
 77 49.0 21.7 40.3#

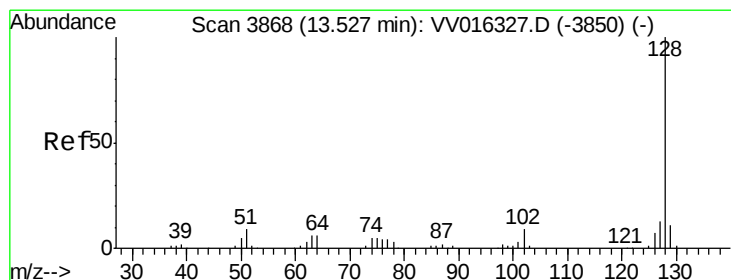
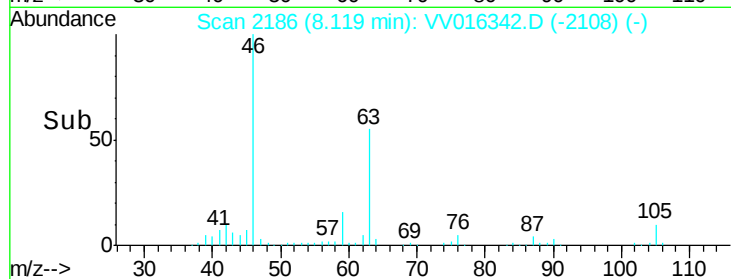
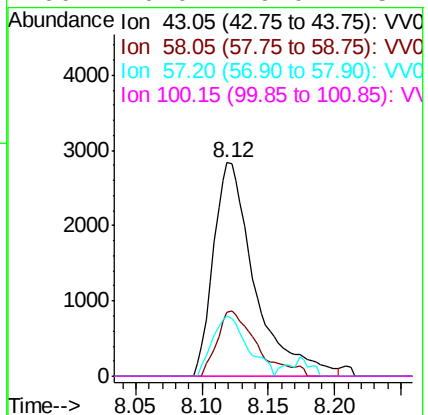
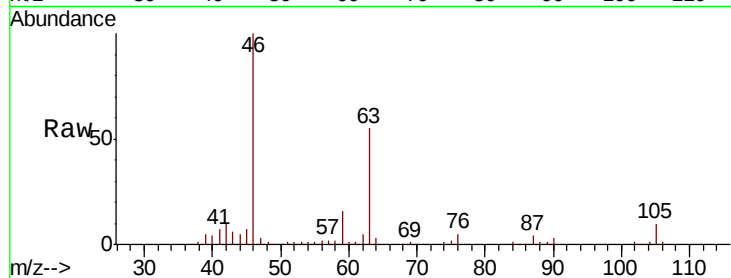




#50
2-Hexanone
Concen: 2.851 ug/L
RT: 8.12 min Scan# 2186
Delta R.T. -0.05 min
Lab File: VV016342.D
Acq: 30 May 2020 04:23

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 6160
Ion Ratio Lower Upper
43 100
58 29.5 41.4 62.0#
57 23.7 15.0 22.4#
100 0.0 9.0 13.4#



#70
Naphthalene
Concen: 0.404 ug/L
RT: 13.53 min Scan# 3869
Delta R.T. 0.00 min
Lab File: VV016342.D
Acq: 30 May 2020 04:23

Tgt Ion: 128 Resp: 4271
Ion Ratio Lower Upper
128 100
129 8.7 8.6 13.0
127 11.4 10.6 15.8

