

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040920\
 Data File : VV015440.D
 Acq On : 10 Apr 2020 00:23
 Operator : SY/MD
 Sample : L2194-01
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 10 05:40:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR040920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Apr 10 05:37:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	117731	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	112619	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	53535	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	27931	4.57	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.40%
7) Chloroethane-d5	1.57	69	25991	4.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.40%
11) 1,1-Dichloroethene-d2	2.12	63	40464	3.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.00%
20) 2-Butanone-d5	3.97	46	82895	48.33	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.66%
24) Chloroform-d	4.38	84	60639	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.60%
26) 1,2-Dichloroethane-d4	5.06	65	36360	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.80%
32) Benzene-d6	5.08	84	121211	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
36) 1,2-Dichloropropane-d6	6.10	67	39201	5.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.80%
41) Toluene-d8	7.34	98	111555	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.60%
43) trans-1,3-Dichloropropene-	7.65	79	15044	4.44	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.80%
46) 2-Hexanone-d5	8.12	63	79235	48.55	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.10%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	29229	4.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.60%
64) 1,2-Dichlorobenzene-d4	11.65	152	42298	4.92	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.40%

Target Compounds

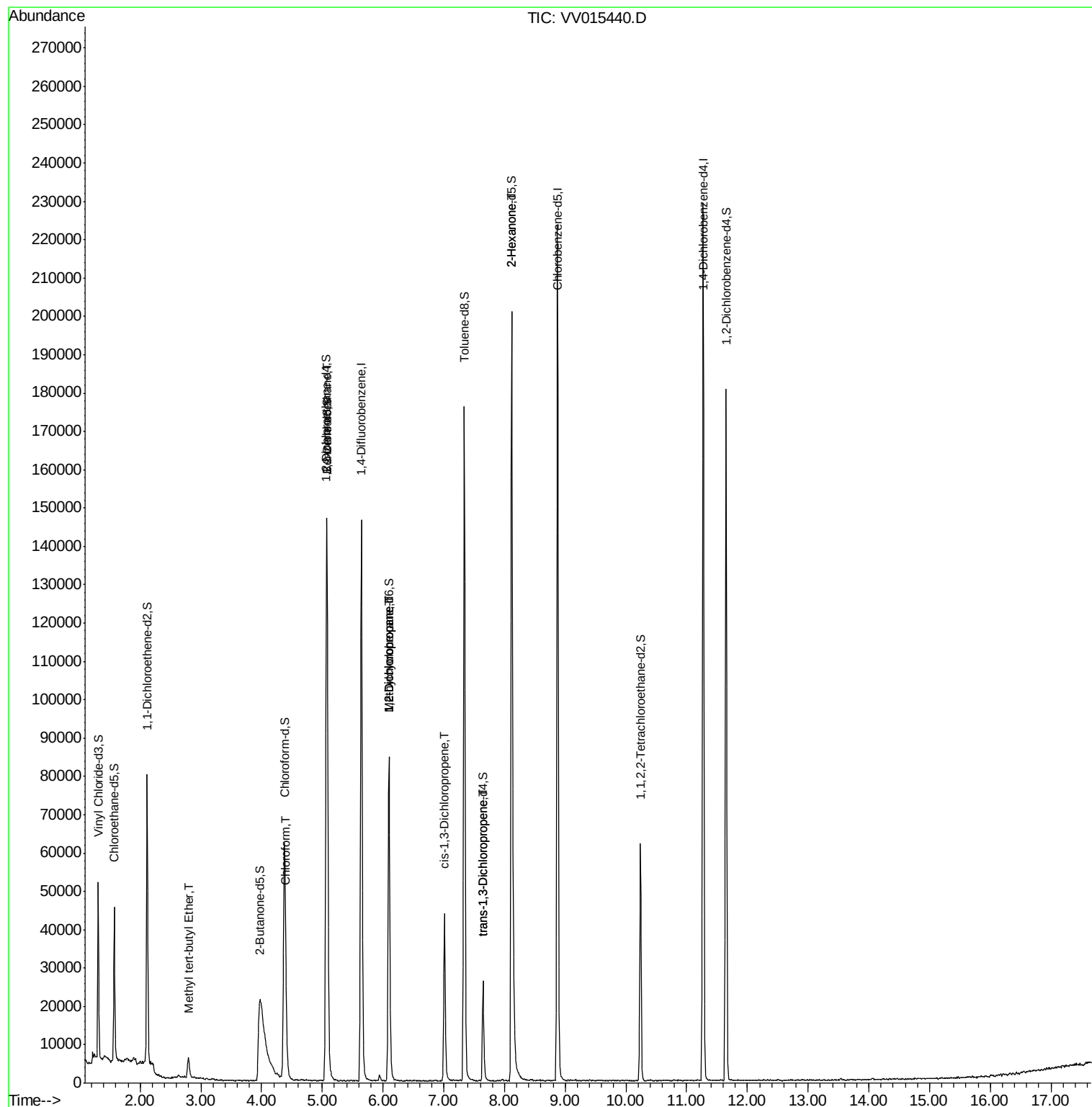
					Ovalue
17) Methyl tert-butyl Ether	2.80	73	5432	0.275 ug/L	97
25) Chloroform	4.41	83	8747	0.544 ug/L	98
27) 1,2-Dichloroethane	5.07	62	813	0.078 ug/L #	77
35) Methylcyclohexane	6.10	83	9498	0.621 ug/L #	16
37) 1,2-Dichloropropane	6.10	63	4575	0.547 ug/L #	86
39) cis-1,3-Dichloropropene	7.01	75	1197	0.093 ug/L	85
44) trans-1,3-Dichloropropene	7.65	75	707	0.065 ug/L #	48
48) 2-Hexanone	8.12	43	10853	2.830 ug/L #	71

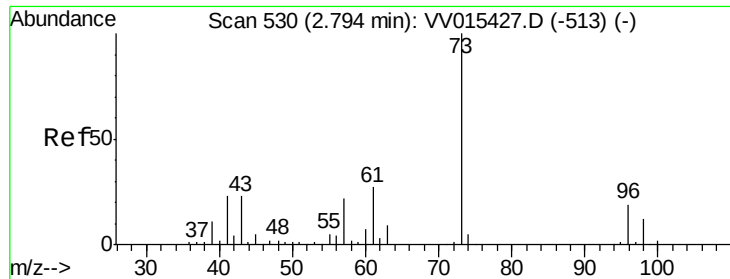
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Apr 10 05:37:21 2020
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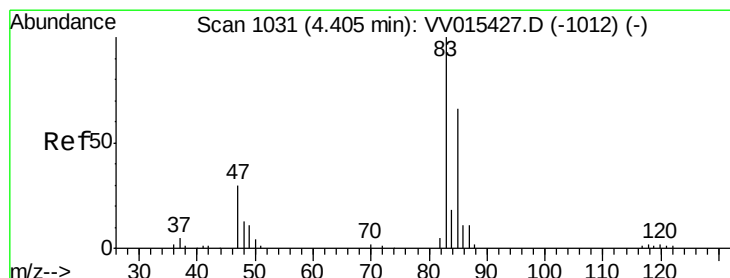
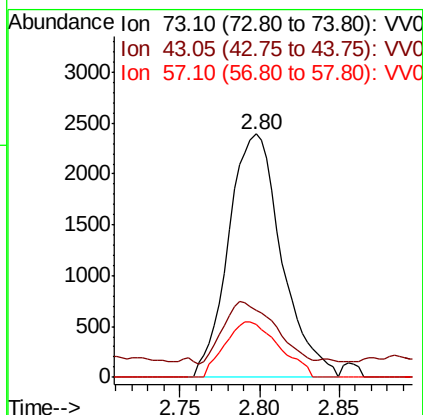
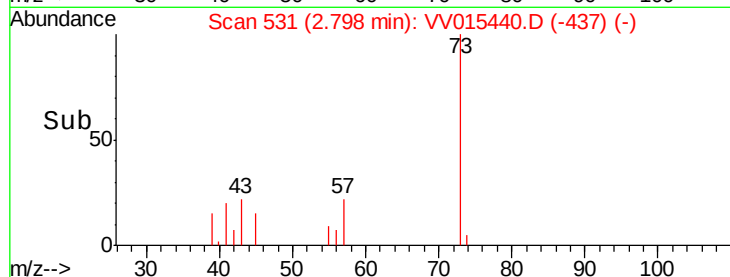
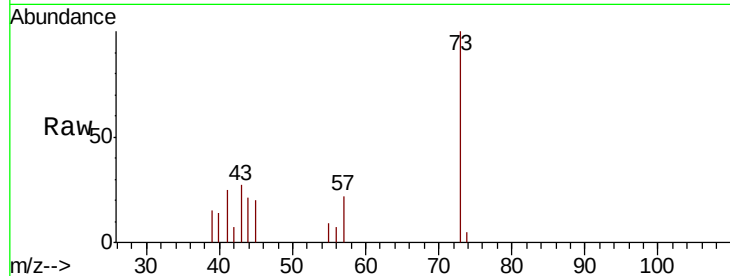




#17
Methyl tert-butyl Ether
Concen: 0.275 ug/L
RT: 2.80 min Scan# 531
Delta R.T. 0.00 min
Lab File: VV015440.D
Acq: 10 Apr 2020 00:23

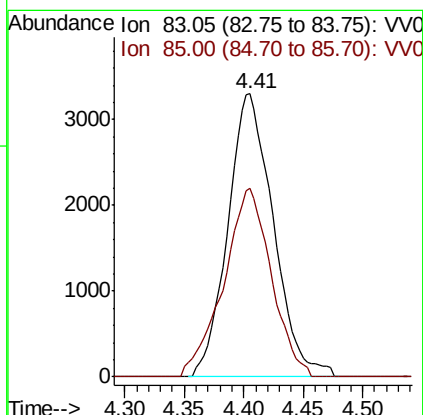
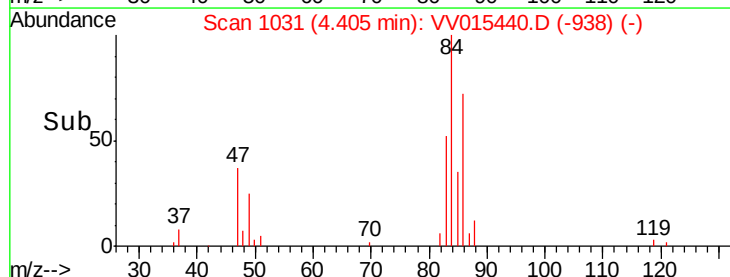
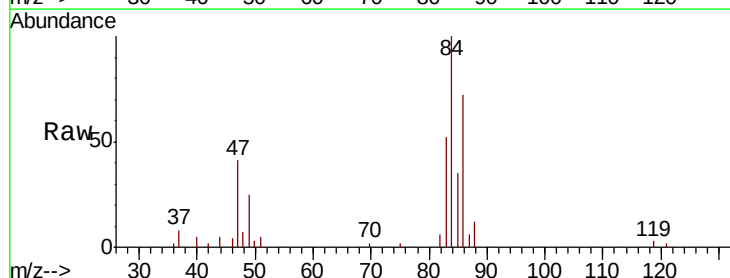
Instrument :
MSVOA_V
ClientSampled :

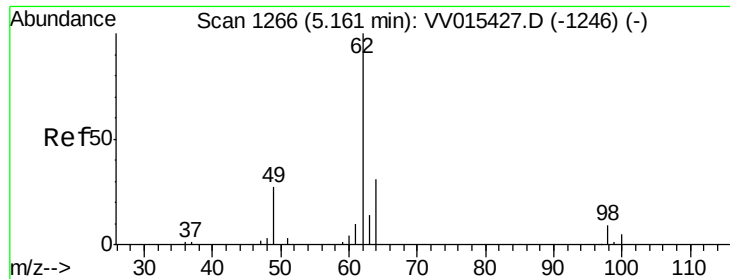
Tot Ion: 73 Resp: 5432
Ion Ratio Lower Upper
73 100
43 25.1 18.3 27.5
57 23.4 18.4 27.6



#25
Chloroform
Concen: 0.544 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VV015440.D
Acq: 10 Apr 2020 00:23

Tgt Ion: 83 Resp: 8747
Ion Ratio Lower Upper
83 100
85 66.8 45.9 85.3

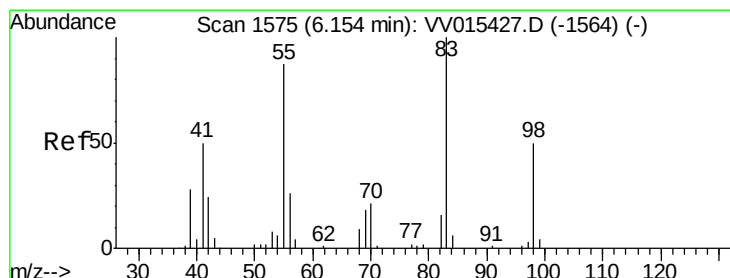
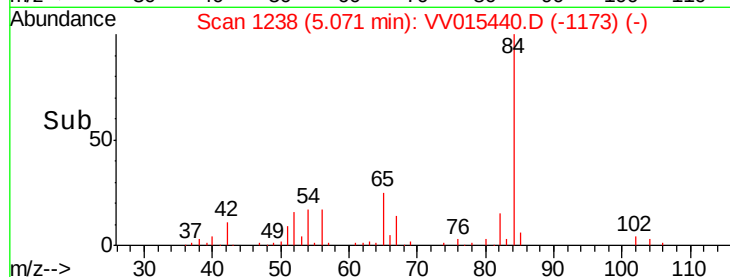
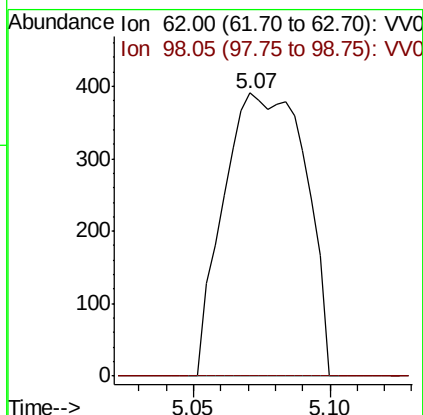
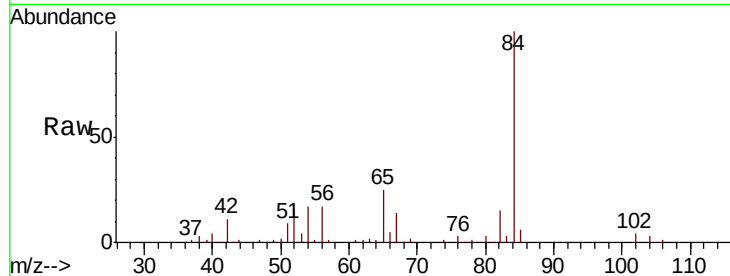




#27
 1,2-Dichloroethane
 Concen: 0.078 ug/L
 RT: 5.07 min Scan# 1238
 Delta R.T. -0.09 min
 Lab File: VV015440.D
 Acq: 10 Apr 2020 00:23

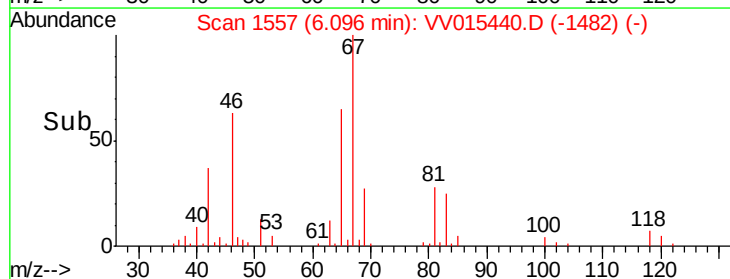
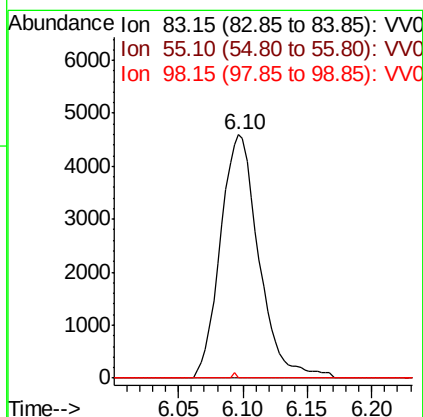
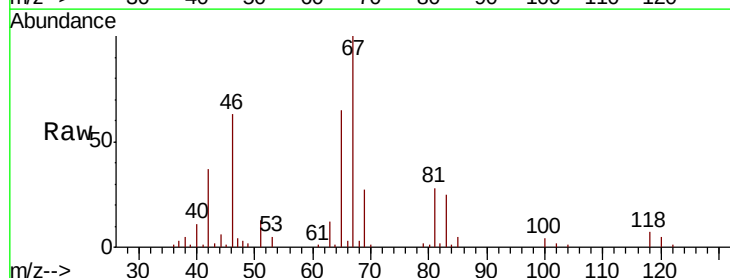
Instrument :
 MSVOA_V
 ClientSampleId :

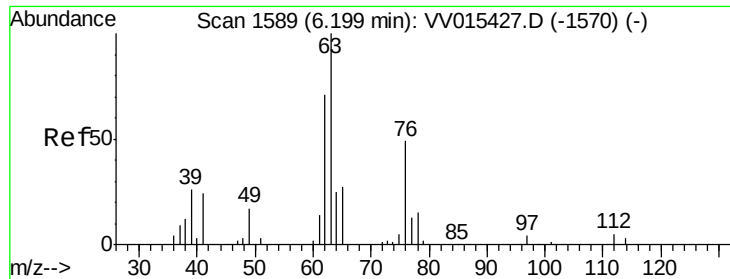
Tot Ion: 62 Resp: 813
 Ion Ratio Lower Upper
 62 100
 98 0.0 6.6 10.0#



#35
 Methylcyclohexane
 Concen: 0.621 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.06 min
 Lab File: VV015440.D
 Acq: 10 Apr 2020 00:23

Tgt Ion: 83 Resp: 9498
 Ion Ratio Lower Upper
 83 100
 55 0.0 66.6 99.8#
 98 0.2 38.7 58.1#

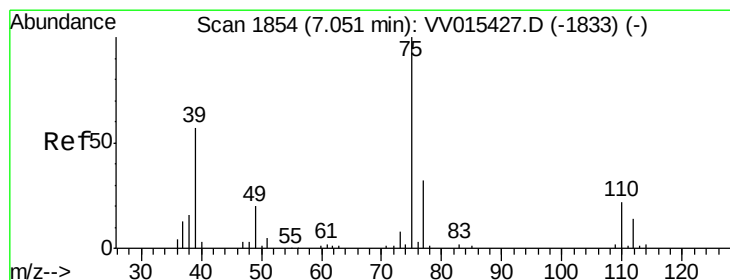
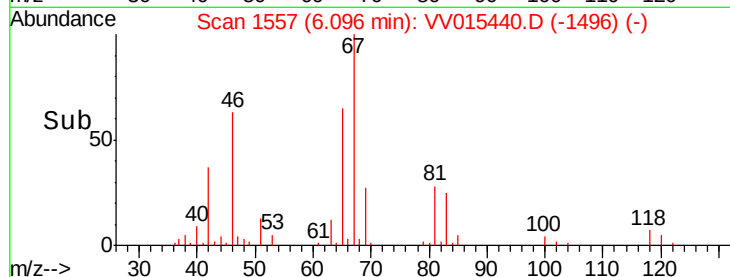
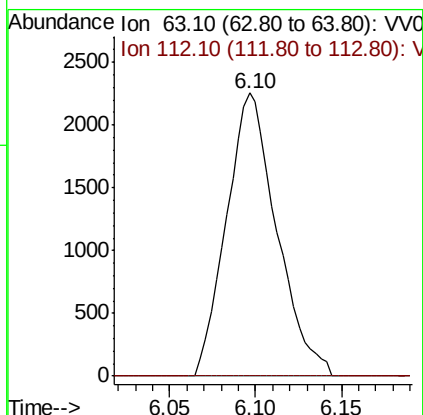
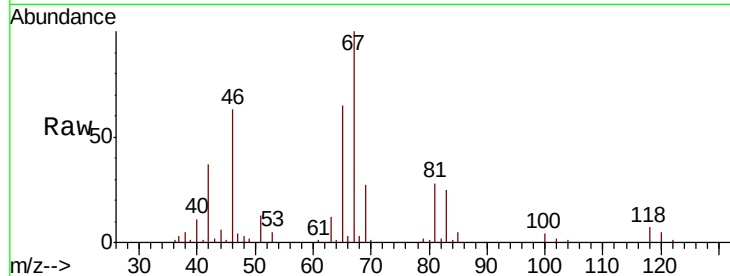




#37
 1,2-Dichloropropane
 Concen: 0.547 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.10 min
 Lab File: VV015440.D
 Acq: 10 Apr 2020 00:23

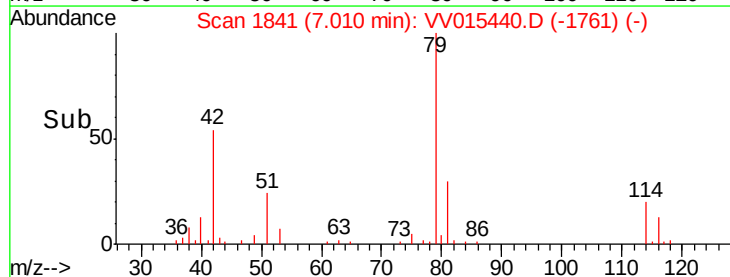
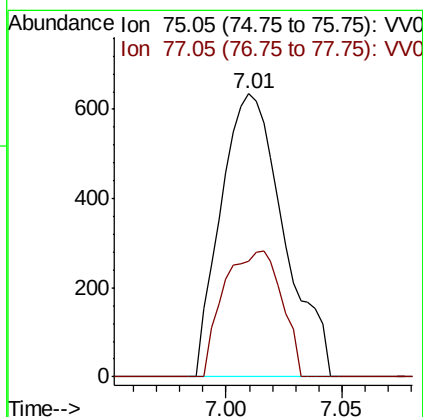
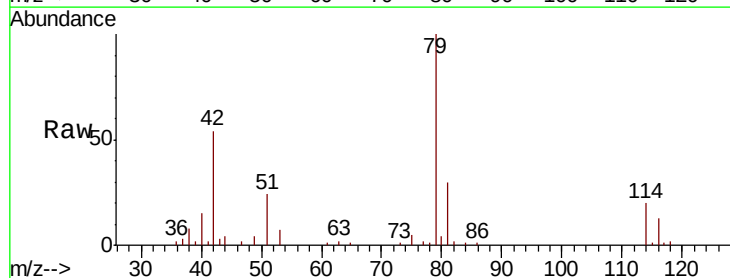
Instrument :
 MSVOA_V
 ClientSampleId :

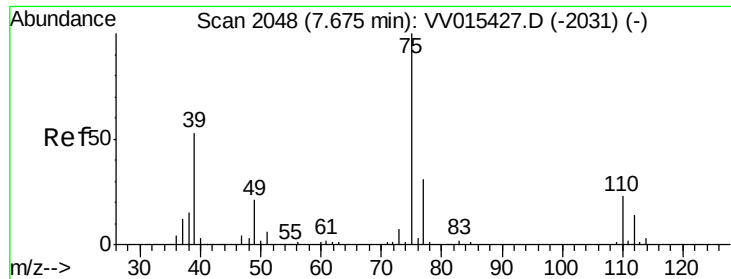
Tot Ion: 63 Resp: 4575
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.093 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV015440.D
 Acq: 10 Apr 2020 00:23

Tgt Ion: 75 Resp: 1197
 Ion Ratio Lower Upper
 75 100
 77 41.1 23.0 42.6

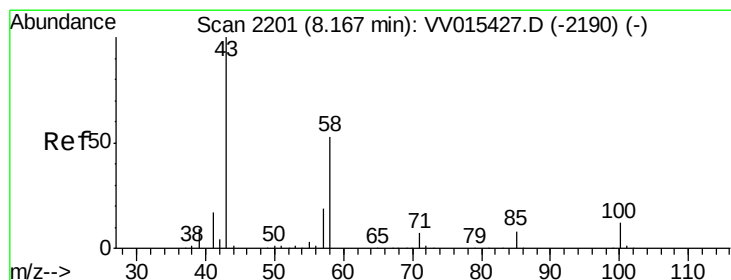
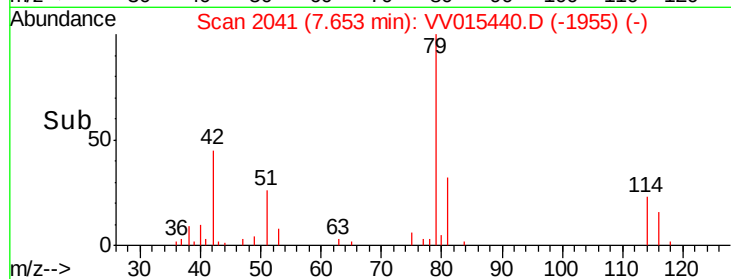
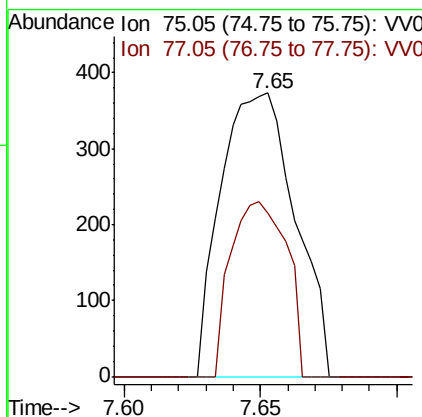
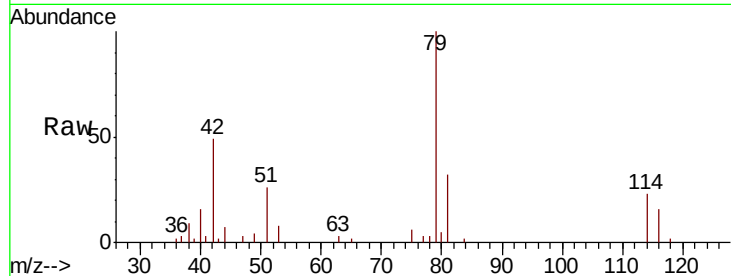




#44
trans-1,3-Dichloropropene
Concen: 0.065 ug/L
RT: 7.65 min Scan# 2041
Delta R.T. -0.02 min
Lab File: VV015440.D
Acq: 10 Apr 2020 00:23

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 75 Resp: 707
Ion Ratio Lower Upper
75 100
77 57.9 21.0 39.0#



#48
2-Hexanone
Concen: 2.830 ug/L
RT: 8.12 min Scan# 2186
Delta R.T. -0.05 min
Lab File: VV015440.D
Acq: 10 Apr 2020 00:23

Tgt Ion: 43 Resp: 10853
Ion Ratio Lower Upper
43 100
58 27.2 41.4 62.0#
57 23.2 15.0 22.4#
100 0.0 9.4 14.2#

