

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV041520\
 Data File : VV015512.D
 Acq On : 15 Apr 2020 16:22
 Operator : SY/MD
 Sample : L2273-21
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 16 00:45:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR040920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Apr 16 00:42:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	109049	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	102316	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	49987	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	29549	5.22	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.40%
7) Chloroethane-d5	1.58	69	26356	5.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.20%
11) 1,1-Dichloroethene-d2	2.12	63	42285	3.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.00%
20) 2-Butanone-d5	3.95	46	79225	49.87	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.74%
24) Chloroform-d	4.38	84	58736	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
26) 1,2-Dichloroethane-d4	5.06	65	33275	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.60%
32) Benzene-d6	5.08	84	118183	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.20%
36) 1,2-Dichloropropane-d6	6.10	67	36396	5.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.00%
41) Toluene-d8	7.34	98	106292	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.20%
43) trans-1,3-Dichloropropene-	7.64	79	13991	4.55	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.00%
46) 2-Hexanone-d5	8.12	63	63745	42.99	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.98%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	24607	4.39	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.80%
64) 1,2-Dichlorobenzene-d4	11.65	152	38830	4.84	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.80%

Target Compounds

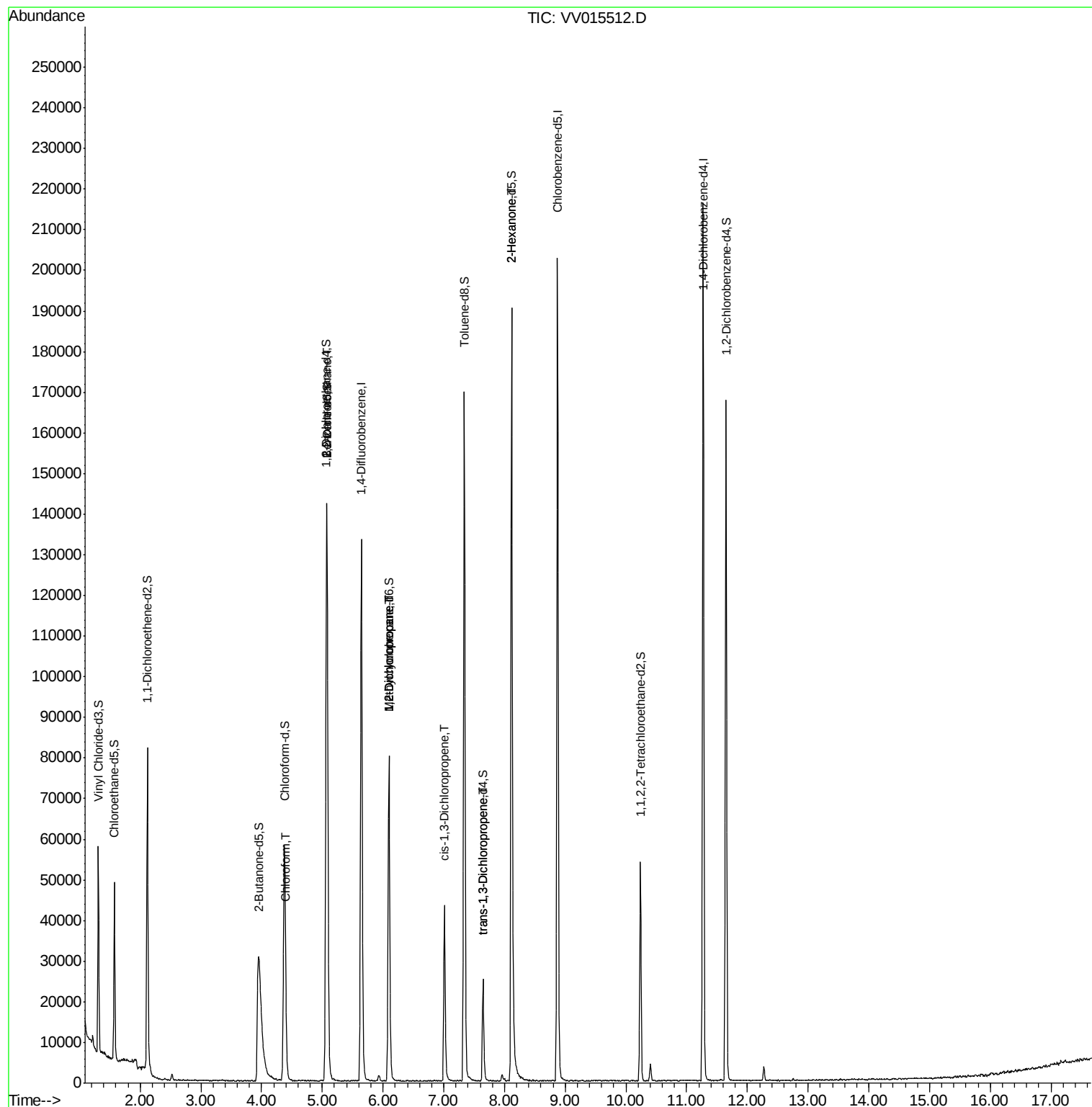
					Ovalue
25) Chloroform	4.41	83	1775	0.119 ug/L	94
27) 1,2-Dichloroethane	5.08	62	636	0.066 ug/L #	77
35) Methylcyclohexane	6.10	83	8919	0.642 ug/L #	17
37) 1,2-Dichloropropane	6.09	63	4596	0.605 ug/L #	86
39) cis-1,3-Dichloropropene	7.01	75	1116	0.096 ug/L #	60
44) trans-1,3-Dichloropropene	7.65	75	678	0.069 ug/L #	77
48) 2-Hexanone	8.12	43	8901	2.554 ug/L #	77

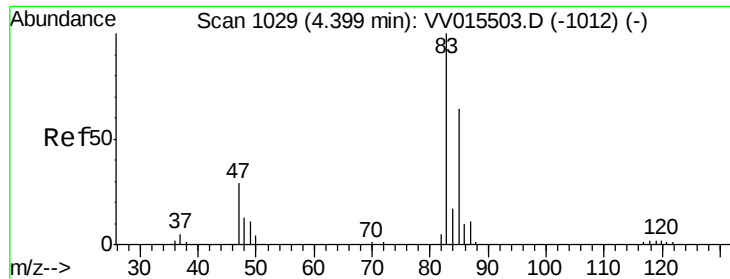
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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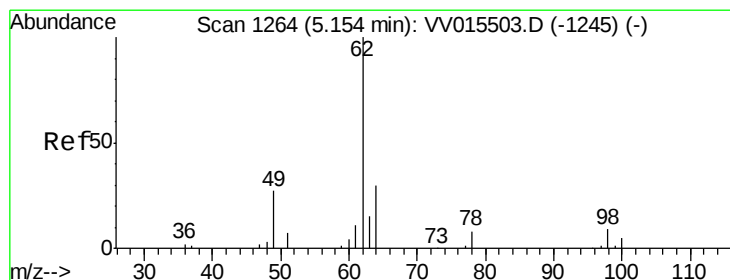
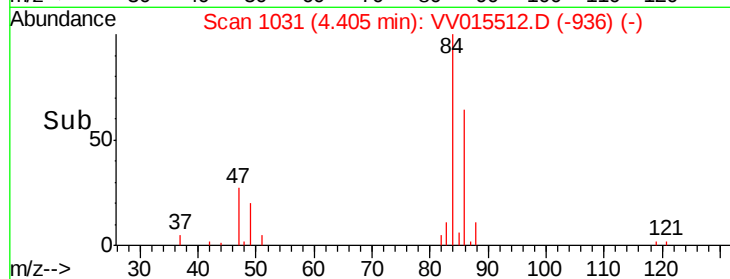
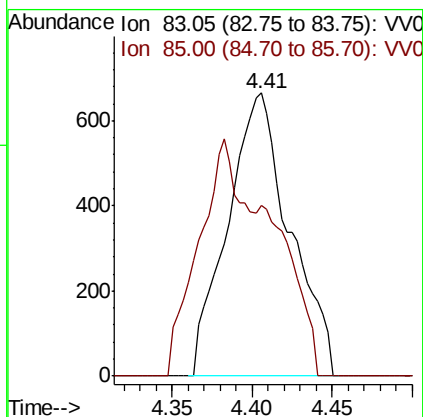
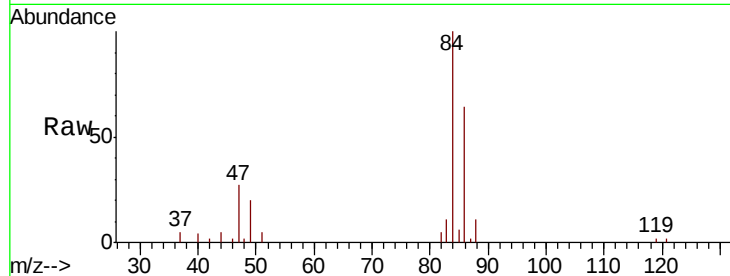




#25
Chloroform
Concen: 0.119 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.01 min
Lab File: VV015512.D
Acq: 15 Apr 2020 16:22

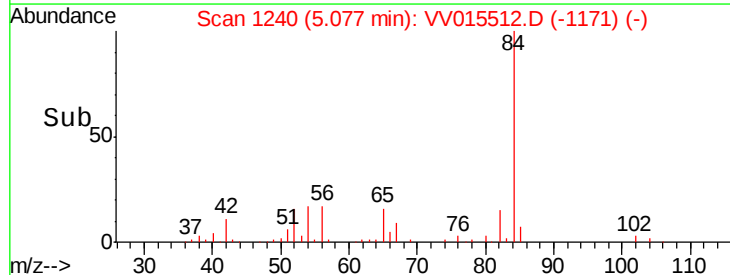
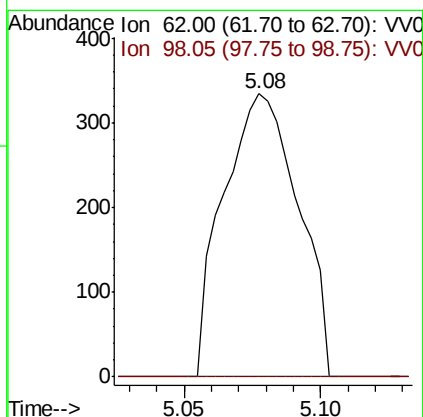
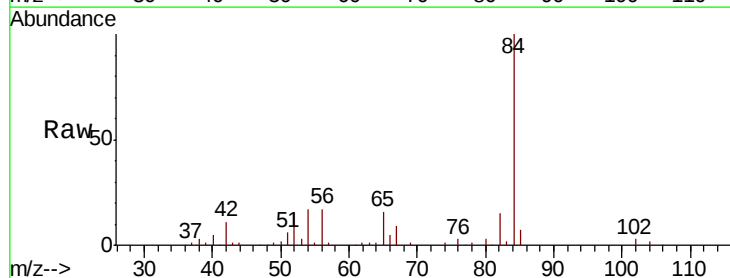
Instrument :
MSVOA_V
ClientSampleId :

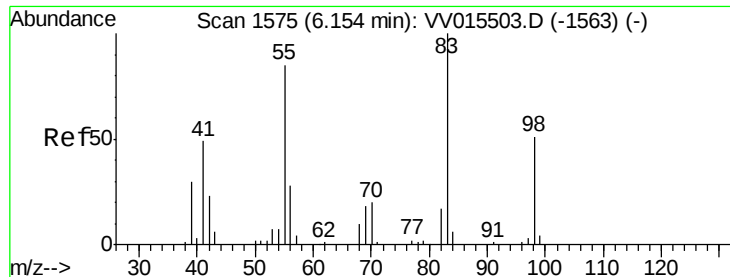
Tot Ion: 83 Resp: 1775
Ion Ratio Lower Upper
83 100
85 60.5 45.9 85.3



#27
1,2-Dichloroethane
Concen: 0.066 ug/L
RT: 5.08 min Scan# 1240
Delta R.T. -0.08 min
Lab File: VV015512.D
Acq: 15 Apr 2020 16:22

Tgt Ion: 62 Resp: 636
Ion Ratio Lower Upper
62 100
98 0.0 6.6 10.0#

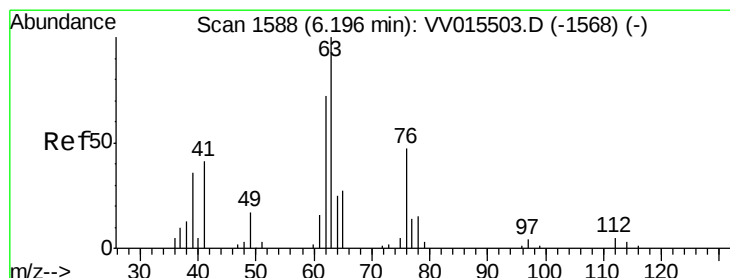
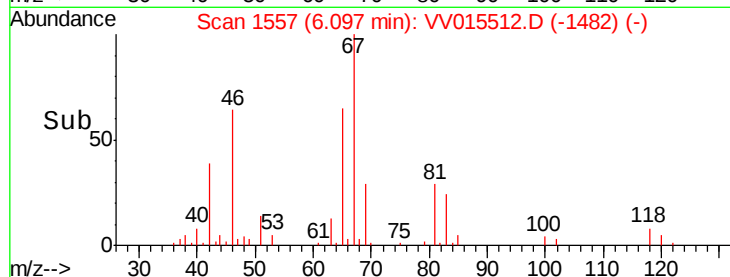
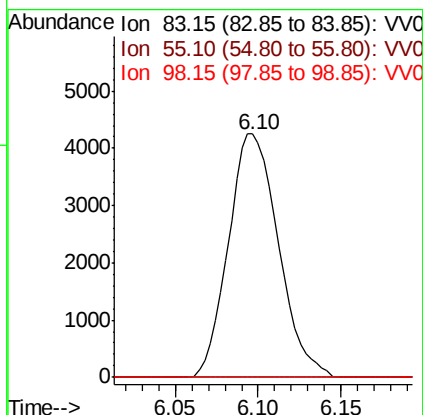
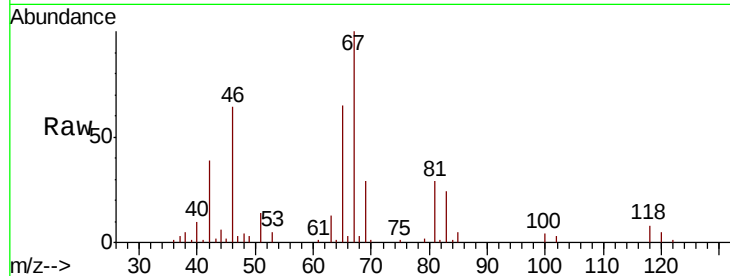




#35
Methvlcvclohexane
Concen: 0.642 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.06 min
Lab File: VV015512.D
Acq: 15 Apr 2020 16:22

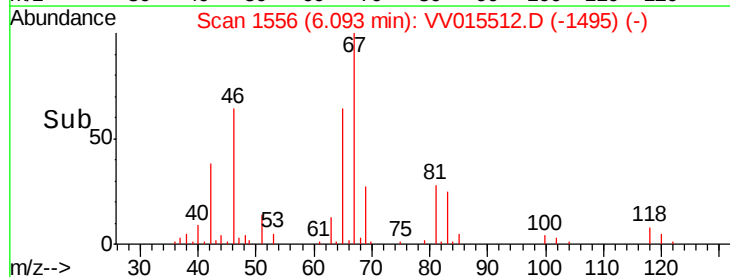
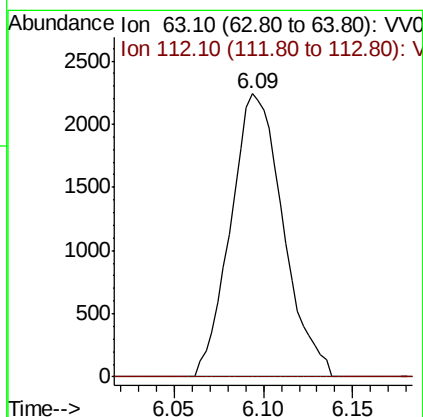
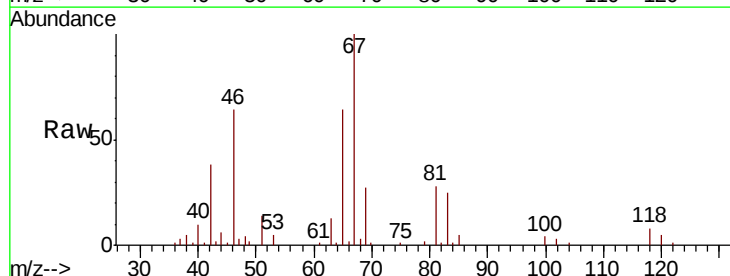
Instrument :
MSVOA_V
ClientSampleId :

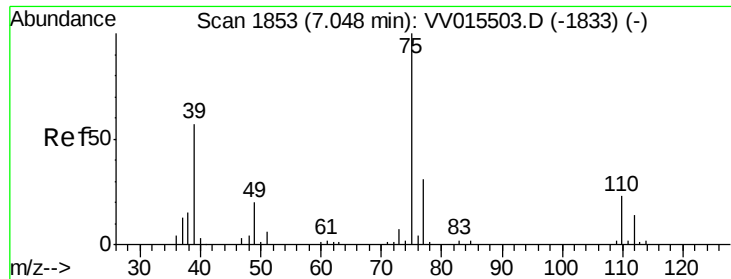
Tot Ion: 83 Resp: 8919
Ion Ratio Lower Upper
83 100
55 0.0 66.6 99.8#
98 2.3 38.7 58.1#



#37
1,2-Dichloropropane
Concen: 0.605 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.10 min
Lab File: VV015512.D
Acq: 15 Apr 2020 16:22

Tgt Ion: 63 Resp: 4596
Ion Ratio Lower Upper
63 100
112 0.0 3.6 5.4#



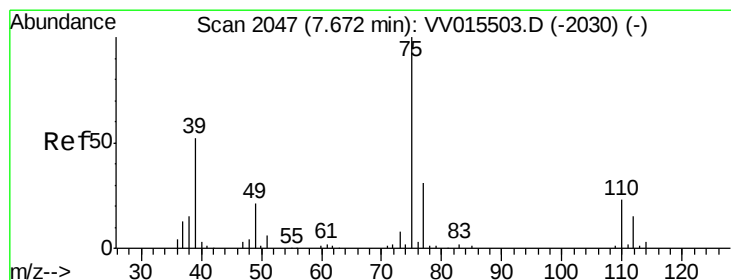
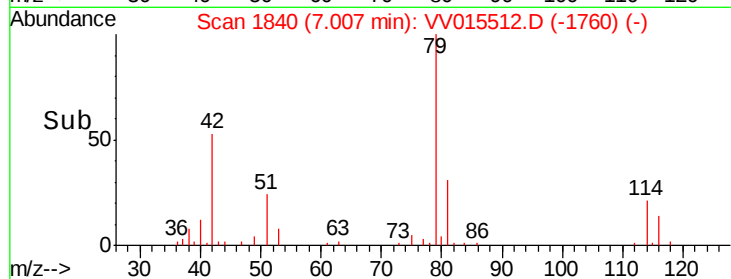
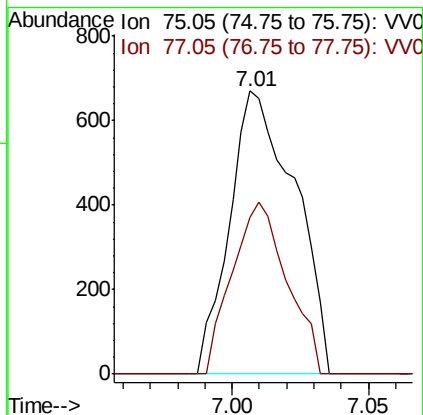
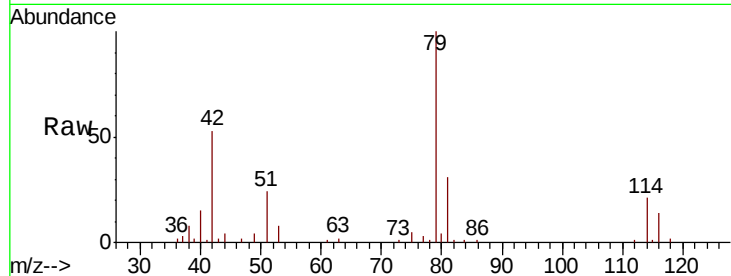


#39

cis-1,3-Dichloropropene
 Concen: 0.096 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV015512.D
 Acq: 15 Apr 2020 16:22

Instrument :
 MSVOA_V
 ClientSampleId :

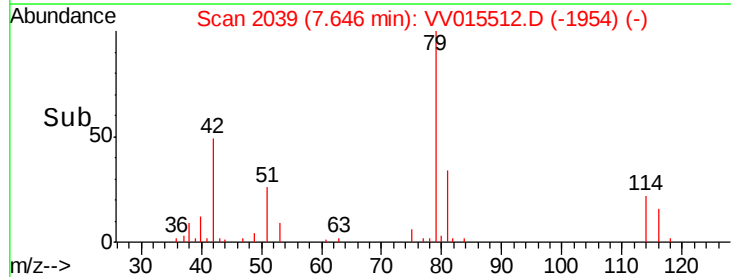
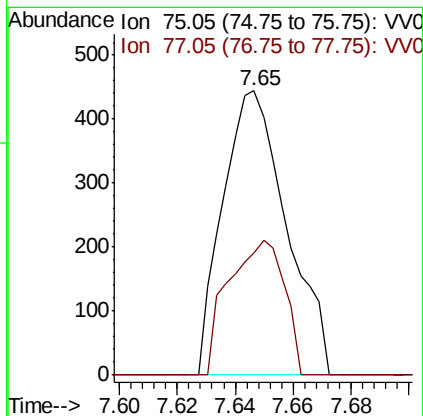
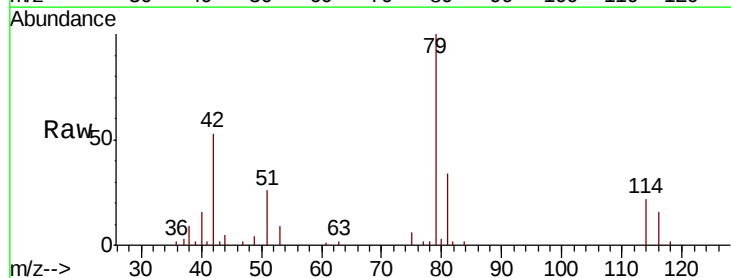
Tot Ion: 75 Resp: 1116
 Ion Ratio Lower Upper
 75 100
 77 55.4 23.0 42.6#

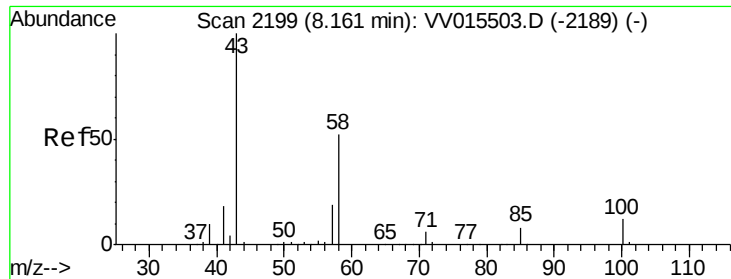


#44

trans-1,3-Dichloropropene
 Concen: 0.069 ug/L
 RT: 7.65 min Scan# 2039
 Delta R.T. -0.03 min
 Lab File: VV015512.D
 Acq: 15 Apr 2020 16:22

Tgt Ion: 75 Resp: 678
 Ion Ratio Lower Upper
 75 100
 77 42.6 21.0 39.0#





#48
 2-Hexanone
 Concen: 2.554 ug/L
 RT: 8.12 min Scan# 2185
 Delta R.T. -0.04 min
 Lab File: VV015512.D
 Acq: 15 Apr 2020 16:22

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 43 Resp: 8901
 Ion Ratio Lower Upper
 43 100
 58 33.0 41.4 62.0#
 57 23.0 15.0 22.4#
 100 0.0 9.4 14.2#

