

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV041620\
 Data File : VV015528.D
 Acq On : 16 Apr 2020 11:33
 Operator : SY/MD
 Sample : L2274-21
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 17 00:48:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR040920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Apr 17 00:46:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	107746	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	102000	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	50412	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	29334	5.24	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.80%
7) Chloroethane-d5	1.58	69	27506	5.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.80%
11) 1,1-Dichloroethene-d2	2.12	63	43632	3.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.20%
20) 2-Butanone-d5	3.92	46	80354	51.19	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.38%
24) Chloroform-d	4.38	84	60816	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
26) 1,2-Dichloroethane-d4	5.06	65	35103	5.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.20%
32) Benzene-d6	5.08	84	119456	5.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.60%
36) 1,2-Dichloropropane-d6	6.09	67	37581	5.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.60%
41) Toluene-d8	7.34	98	109747	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.60%
43) trans-1,3-Dichloropropene-	7.65	79	15446	5.04	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.80%
46) 2-Hexanone-d5	8.11	63	63770	43.14	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.28%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	25412	4.54	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.80%
64) 1,2-Dichlorobenzene-d4	11.65	152	40571	5.01	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.20%

Target Compounds

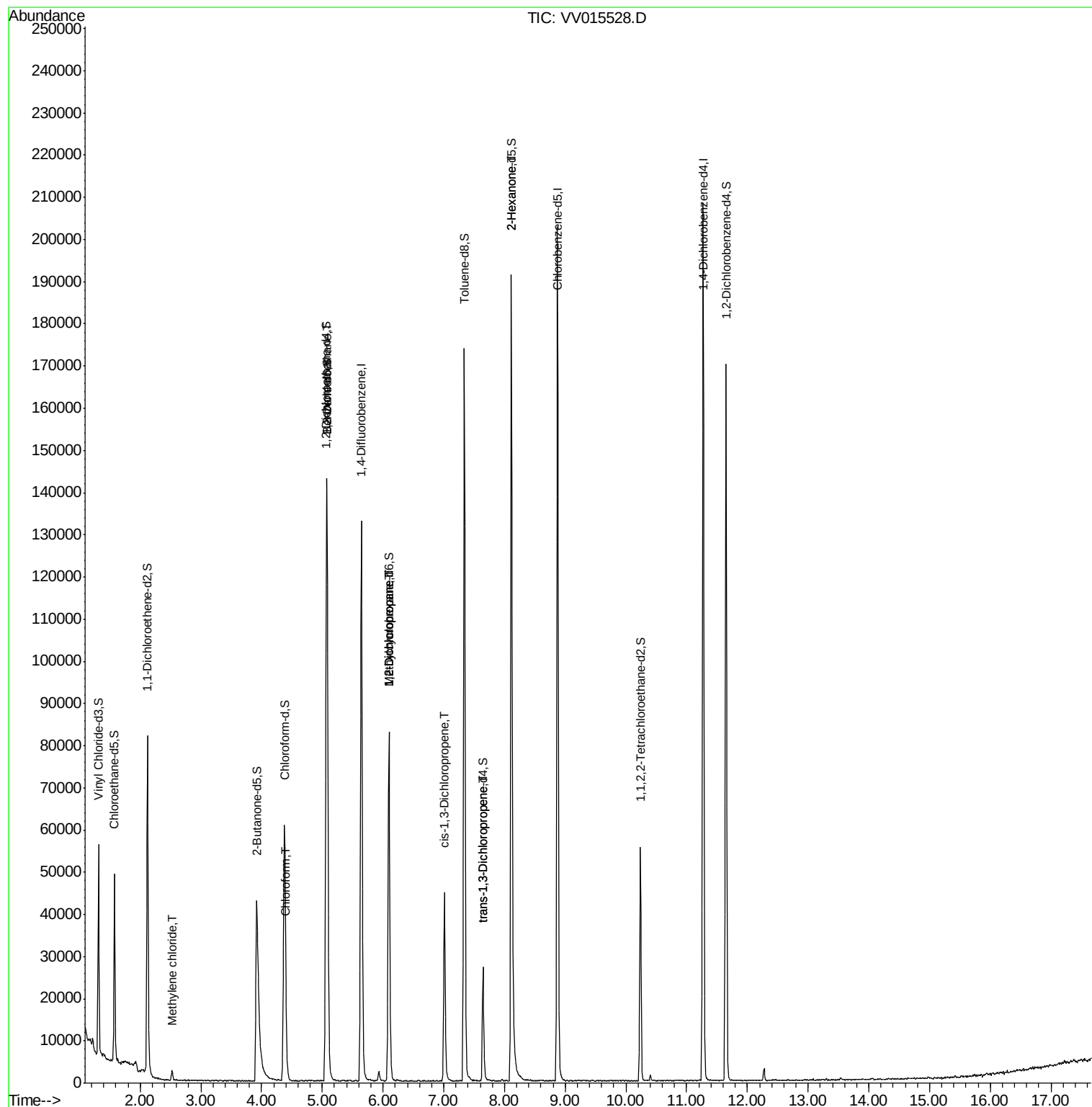
					Ovalue
16) Methylene chloride	2.52	84	922	0.116 ug/L	99
25) Chloroform	4.41	83	2260	0.154 ug/L	99
27) 1,2-Dichloroethane	5.07	62	691	0.073 ug/L #	77
35) Methylcyclohexane	6.10	83	9237	0.667 ug/L #	16
37) 1,2-Dichloropropane	6.10	63	4527	0.598 ug/L #	86
39) cis-1,3-Dichloropropene	7.01	75	1141	0.098 ug/L #	59
44) trans-1,3-Dichloropropene	7.64	75	737	0.075 ug/L #	62
48) 2-Hexanone	8.11	43	9159	2.637 ug/L #	75

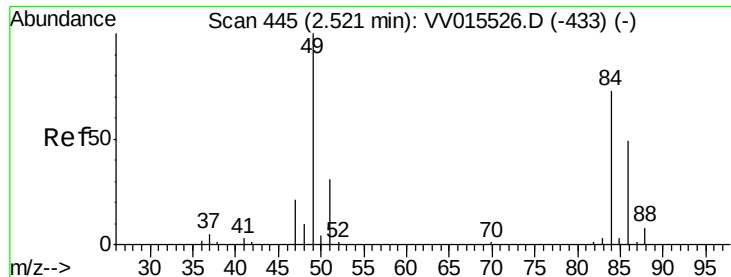
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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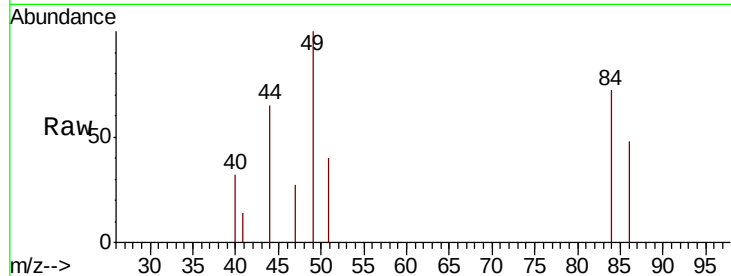




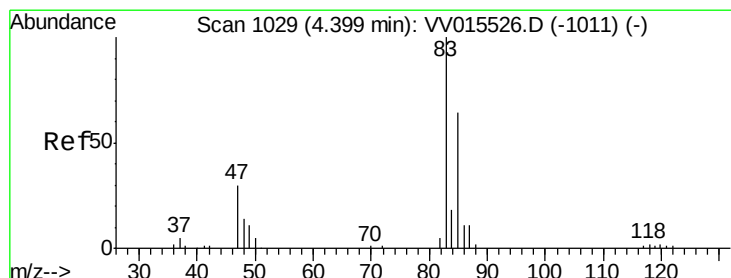
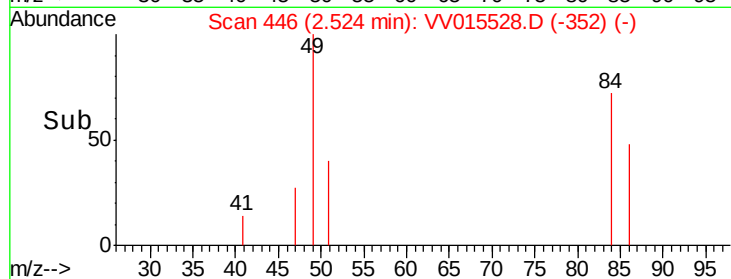
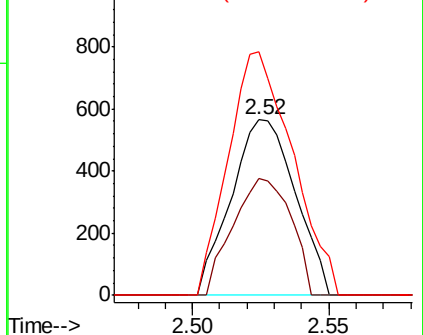
#16
Methylene chloride
Concen: 0.116 ug/L
RT: 2.52 min Scan# 446
Delta R.T. 0.00 min
Lab File: VV015528.D
Acq: 16 Apr 2020 11:33

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 84 Resp: 922
Ion Ratio Lower Upper
84 100
86 66.5 45.1 83.7
49 139.0 97.9 181.7

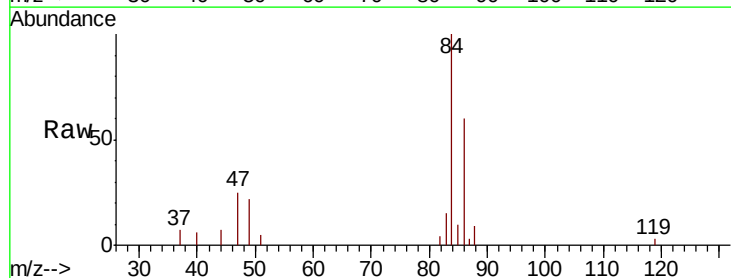


Abundance Ion 84.05 (83.75 to 84.75): VV0
Ion 86.00 (85.70 to 86.70): VV0
Ion 49.10 (48.80 to 49.80): VV0

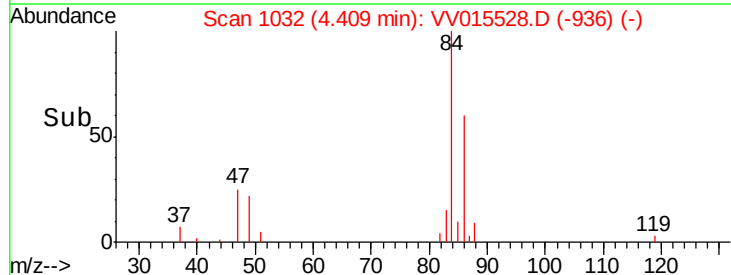
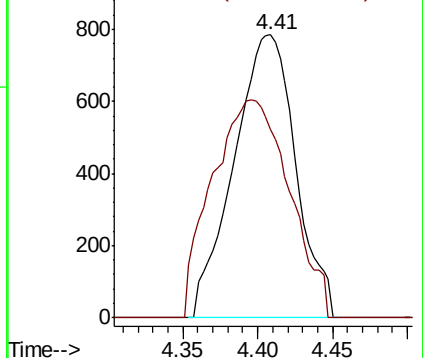


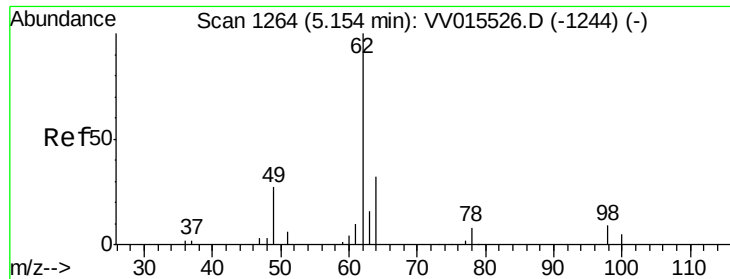
#25
Chloroform
Concen: 0.154 ug/L
RT: 4.41 min Scan# 1032
Delta R.T. 0.01 min
Lab File: VV015528.D
Acq: 16 Apr 2020 11:33

Tgt Ion: 83 Resp: 2260
Ion Ratio Lower Upper
83 100
85 66.6 45.9 85.3



Abundance Ion 83.05 (82.75 to 83.75): VV0
Ion 85.00 (84.70 to 85.70): VV0

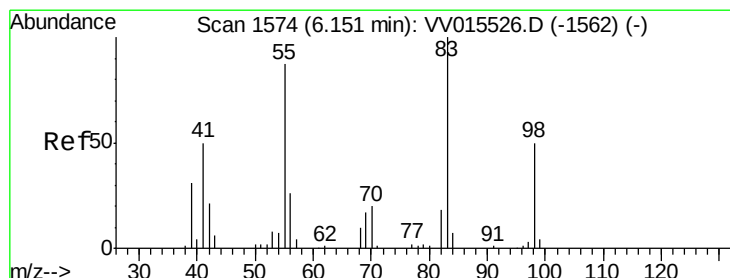
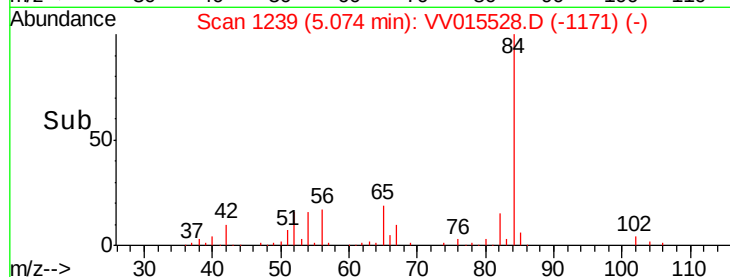
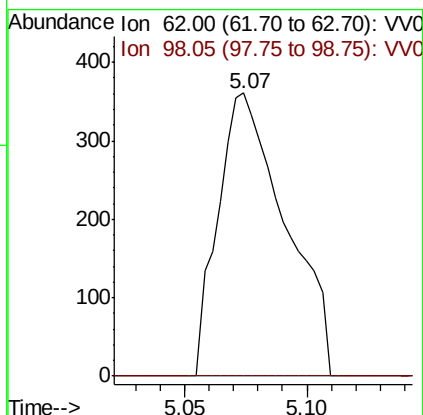
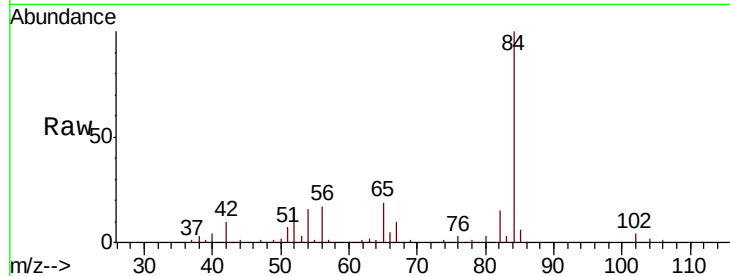




#27
 1,2-Dichloroethane
 Concen: 0.073 ug/L
 RT: 5.07 min Scan# 1239
 Delta R.T. -0.08 min
 Lab File: VV015528.D
 Acq: 16 Apr 2020 11:33

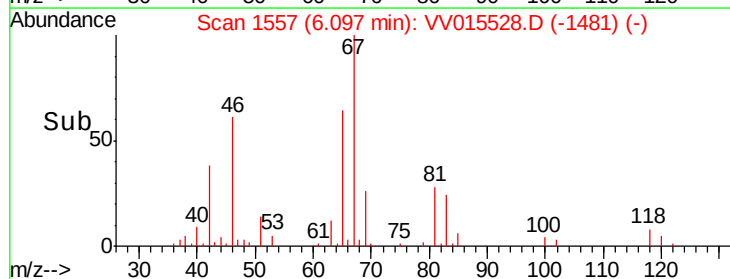
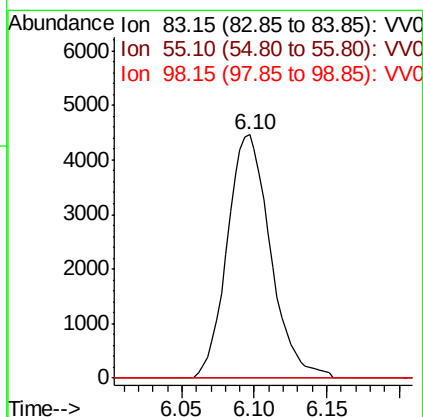
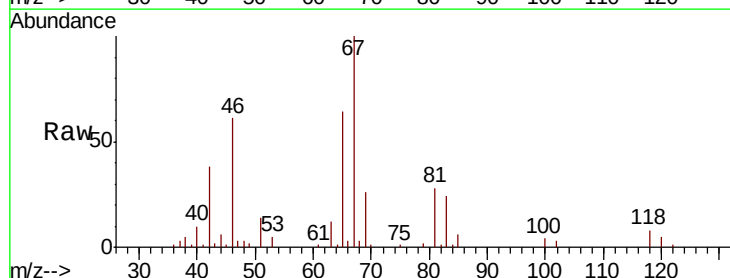
Instrument :
 MSVOA_V
 ClientSampleId :

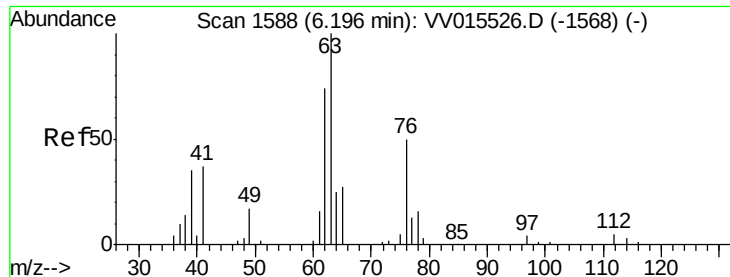
Tot Ion: 62 Resp: 691
 Ion Ratio Lower Upper
 62 100
 98 0.0 6.6 10.0#



#35
 Methylcyclohexane
 Concen: 0.667 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.05 min
 Lab File: VV015528.D
 Acq: 16 Apr 2020 11:33

Tgt Ion: 83 Resp: 9237
 Ion Ratio Lower Upper
 83 100
 55 0.0 66.6 99.8#
 98 1.7 38.7 58.1#

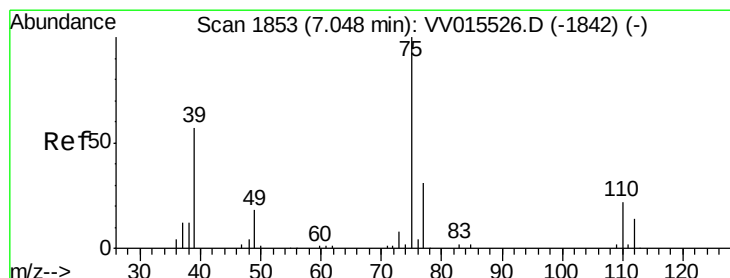
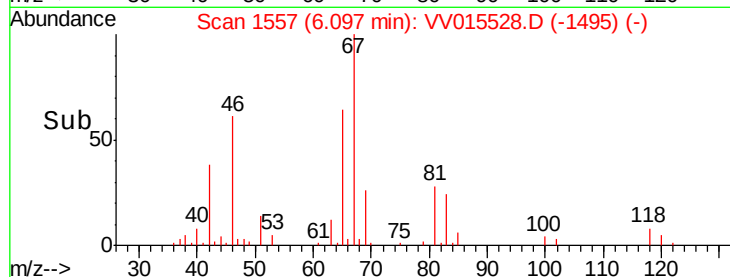
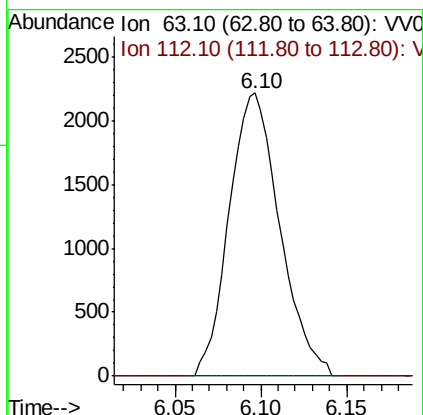
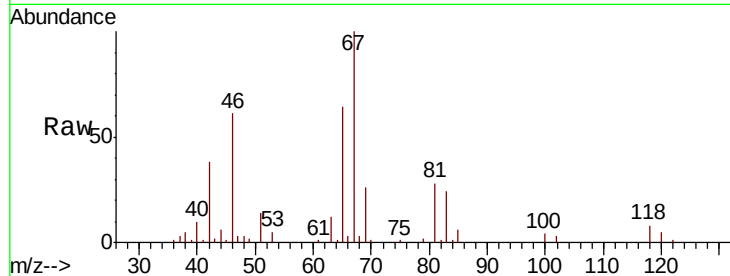




#37
 1,2-Dichloropropane
 Concen: 0.598 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.10 min
 Lab File: VV015528.D
 Acq: 16 Apr 2020 11:33

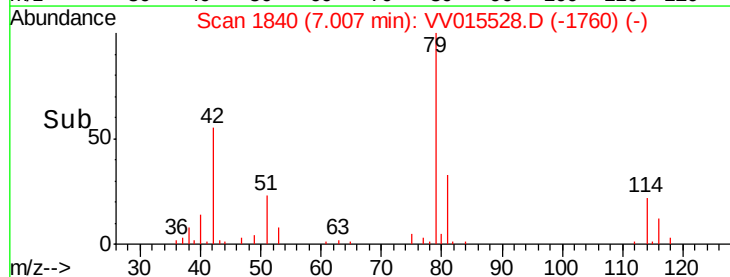
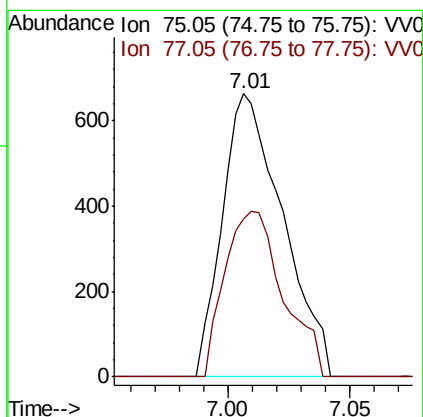
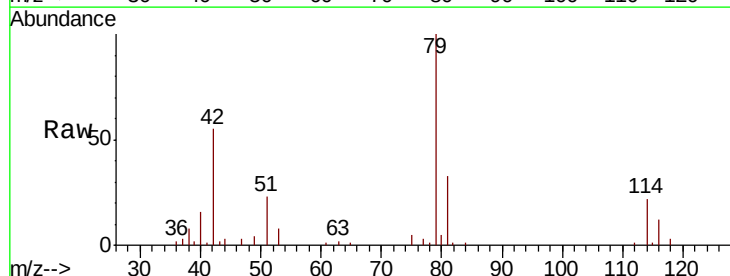
Instrument :
 MSVOA_V
 ClientSampleId :

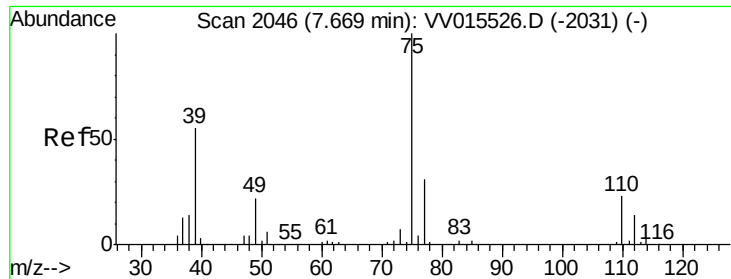
Tot Ion: 63 Resp: 4527
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.098 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV015528.D
 Acq: 16 Apr 2020 11:33

Tgt Ion: 75 Resp: 1141
 Ion Ratio Lower Upper
 75 100
 77 56.0 23.0 42.6#

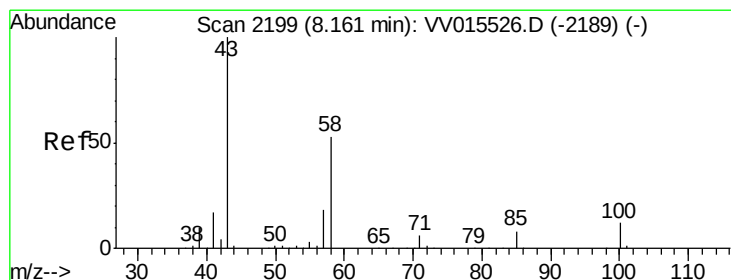
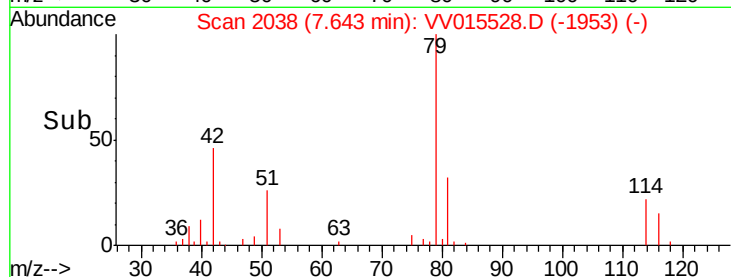
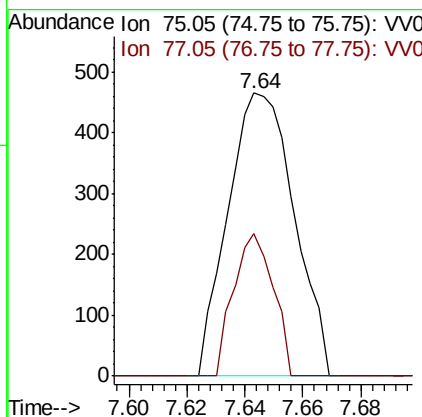
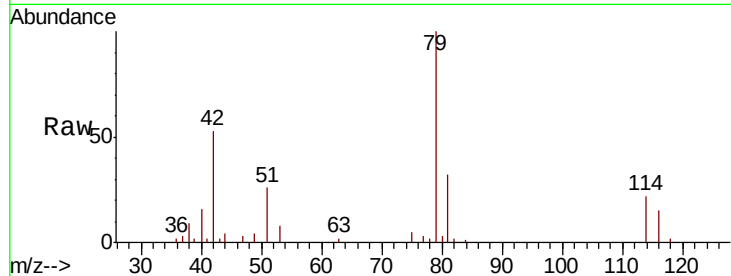




#44
trans-1,3-Dichloropropene
Concen: 0.075 ug/L
RT: 7.64 min Scan# 2038
Delta R.T. -0.03 min
Lab File: VV015528.D
Acq: 16 Apr 2020 11:33

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 75 Resp: 737
Ion Ratio Lower Upper
75 100
77 50.3 21.0 39.0#



#48
2-Hexanone
Concen: 2.637 ug/L
RT: 8.11 min Scan# 2184
Delta R.T. -0.05 min
Lab File: VV015528.D
Acq: 16 Apr 2020 11:33

Tgt Ion: 43 Resp: 9159
Ion Ratio Lower Upper
43 100
58 31.7 41.4 62.0#
57 23.3 15.0 22.4#
100 0.0 9.4 14.2#

