

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV041620\
 Data File : VV015532.D
 Acq On : 16 Apr 2020 13:10
 Operator : SY/MD
 Sample : L2288-04
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 17 00:49:06 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	100965	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	94947	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	46920	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	26130	4.99	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.80%
7) Chloroethane-d5	1.57	69	24095	5.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.00%
11) 1,1-Dichloroethene-d2	2.11	63	37278	3.38	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.60%
20) 2-Butanone-d5	3.95	46	74136	50.40	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.80%
24) Chloroform-d	4.37	84	54070	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
26) 1,2-Dichloroethane-d4	5.06	65	30827	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.60%
32) Benzene-d6	5.07	84	105957	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.60%
36) 1,2-Dichloropropane-d6	6.09	67	33516	5.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.20%
41) Toluene-d8	7.34	98	96337	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.80%
43) trans-1,3-Dichloropropene-	7.64	79	13197	4.62	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.40%
46) 2-Hexanone-d5	8.11	63	59707	43.39	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.78%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	22540	4.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.60%
64) 1,2-Dichlorobenzene-d4	11.65	152	35787	4.75	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.00%

Target Compounds

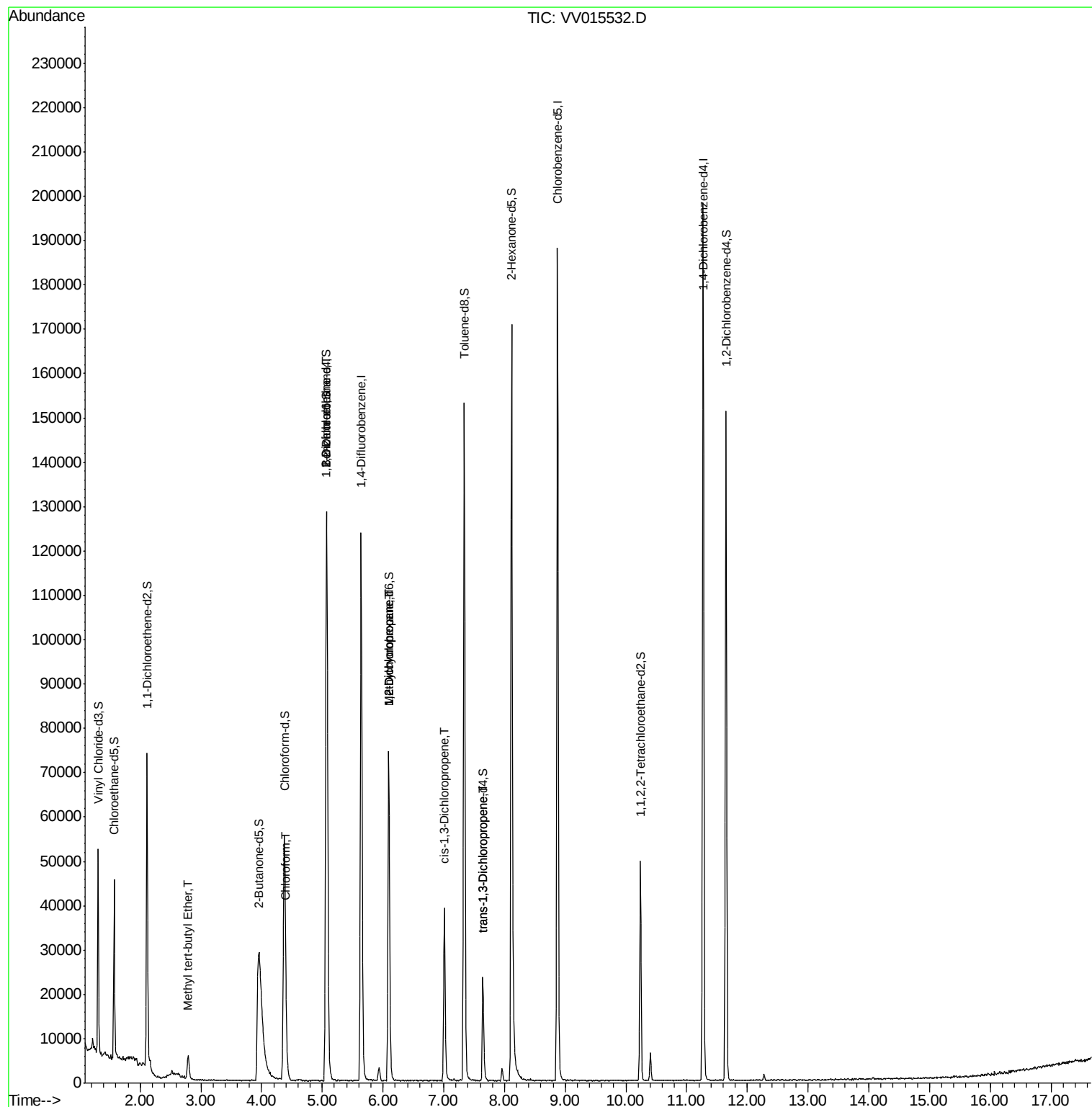
					Ovalue
17) Methyl tert-butyl Ether	2.79	73	5190	0.306 ug/L #	90
25) Chloroform	4.41	83	7622	0.553 ug/L	100
27) 1,2-Dichloroethane	5.08	62	785	0.088 ug/L #	77
35) Methylcyclohexane	6.09	83	8610	0.668 ug/L #	17
37) 1,2-Dichloropropane	6.10	63	4047	0.574 ug/L #	86
39) cis-1,3-Dichloropropene	7.01	75	1050	0.097 ug/L #	51
44) trans-1,3-Dichloropropene	7.64	75	636	0.070 ug/L	88

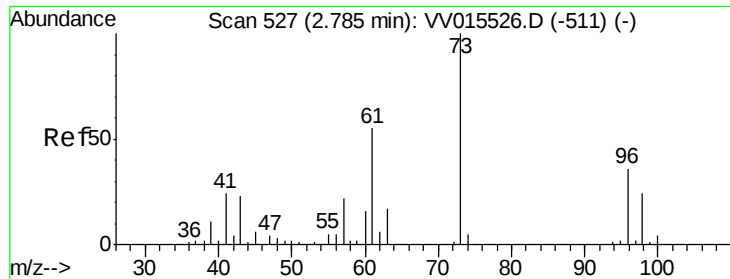
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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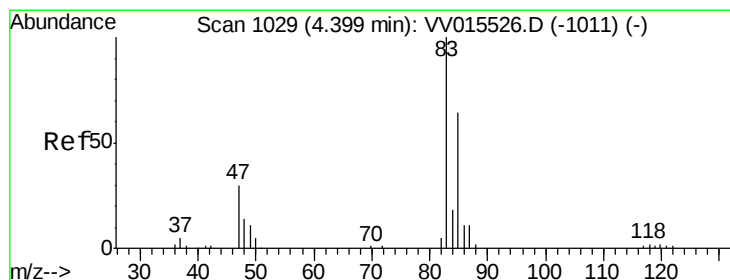
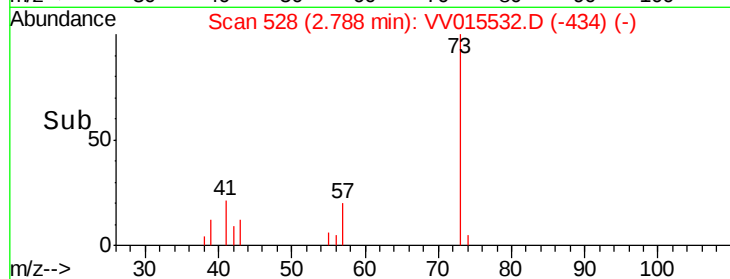
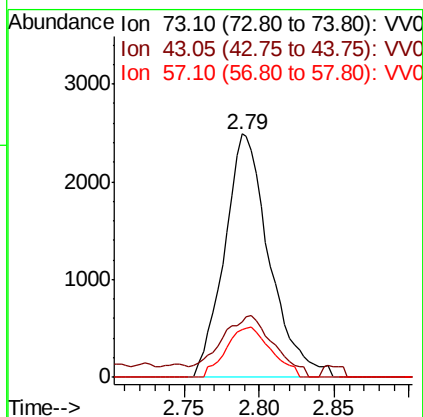
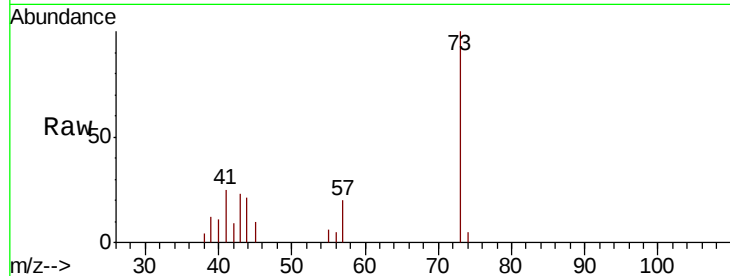




#17
Methvl tert-butvl Ether
Concen: 0.306 ug/L
RT: 2.79 min Scan# 528
Delta R.T. 0.00 min
Lab File: VV015532.D
Acq: 16 Apr 2020 13:10

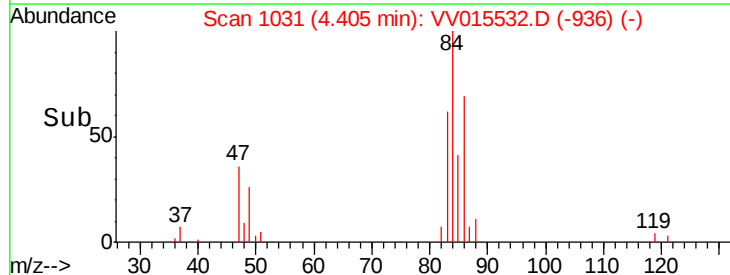
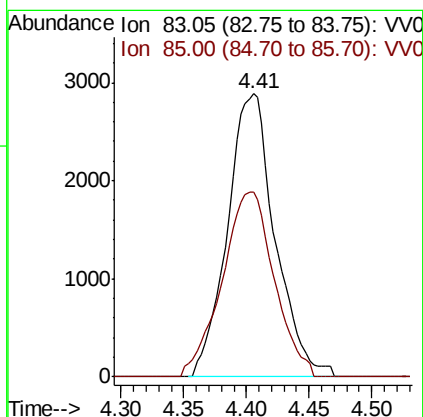
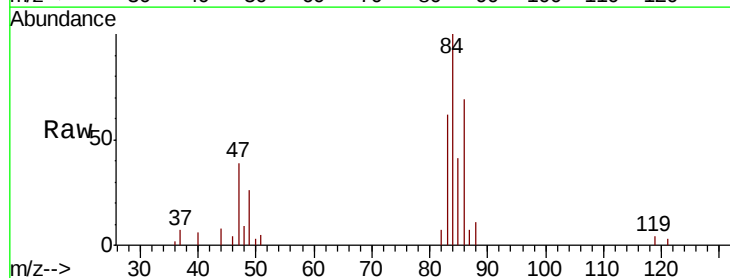
Instrument :
MSVOA_V
ClientSampleId :

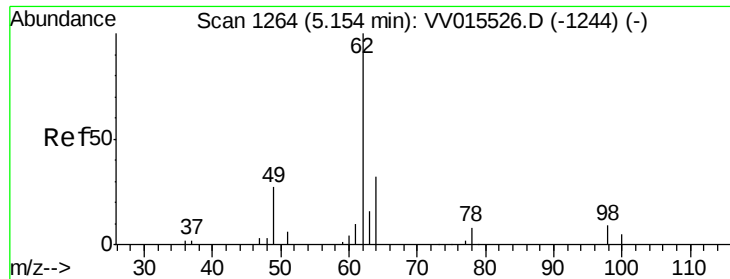
Tot Ion: 73 Resp: 5190
Ion Ratio Lower Upper
73 100
43 30.5 18.3 27.5#
57 20.8 18.4 27.6



#25
Chloroform
Concen: 0.553 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.01 min
Lab File: VV015532.D
Acq: 16 Apr 2020 13:10

Tgt Ion: 83 Resp: 7622
Ion Ratio Lower Upper
83 100
85 65.3 45.9 85.3

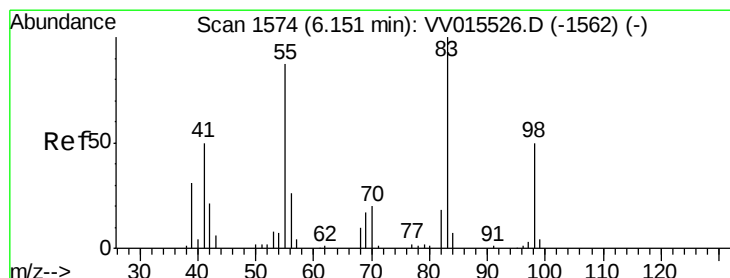
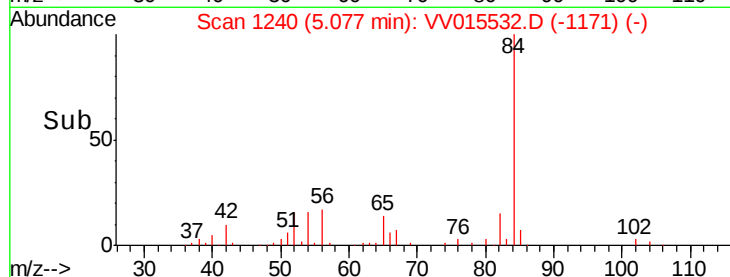
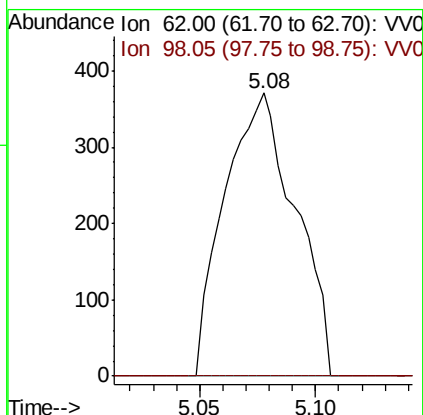
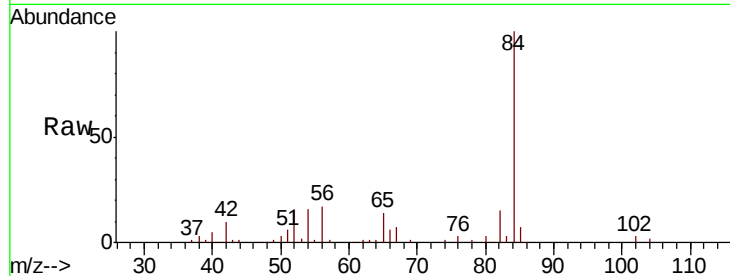




#27
 1,2-Dichloroethane
 Concen: 0.088 ug/L
 RT: 5.08 min Scan# 1240
 Delta R.T. -0.08 min
 Lab File: VV015532.D
 Acq: 16 Apr 2020 13:10

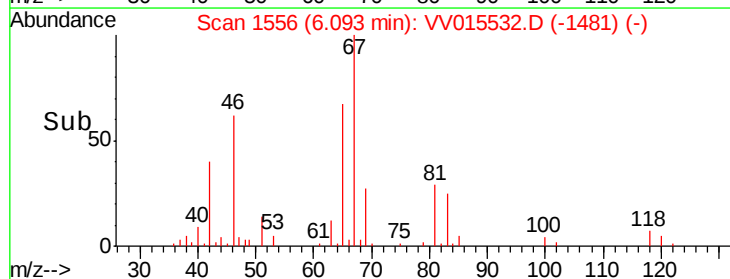
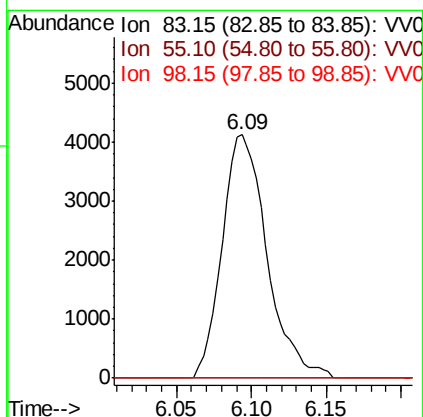
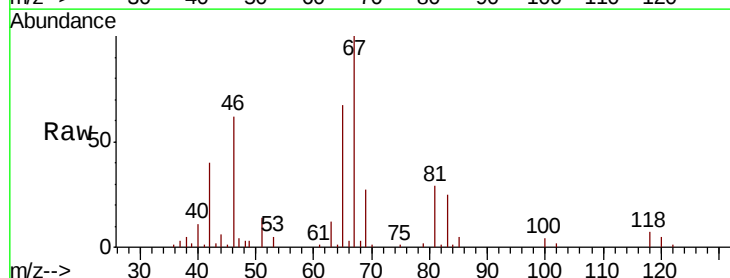
Instrument :
 MSVOA_V
 ClientSampleId :

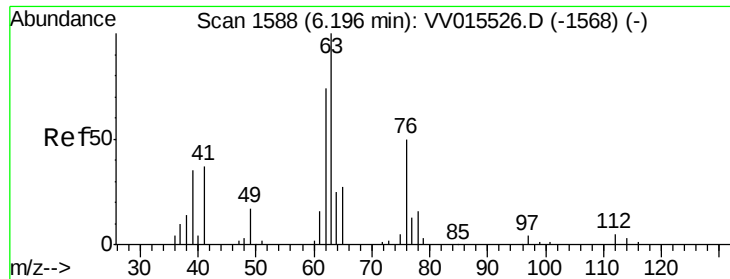
Tot Ion: 62 Resp: 785
 Ion Ratio Lower Upper
 62 100
 98 0.0 6.6 10.0#



#35
 Methylcyclohexane
 Concen: 0.668 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.06 min
 Lab File: VV015532.D
 Acq: 16 Apr 2020 13:10

Tgt Ion: 83 Resp: 8610
 Ion Ratio Lower Upper
 83 100
 55 0.0 66.6 99.8#
 98 3.6 38.7 58.1#

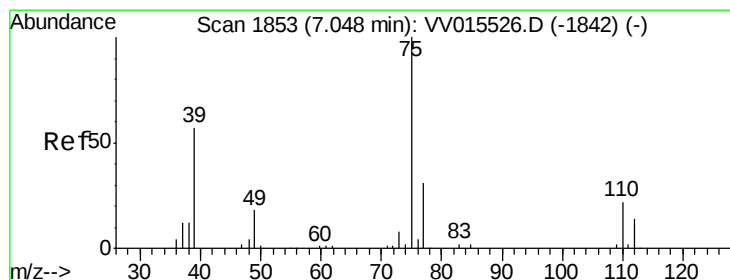
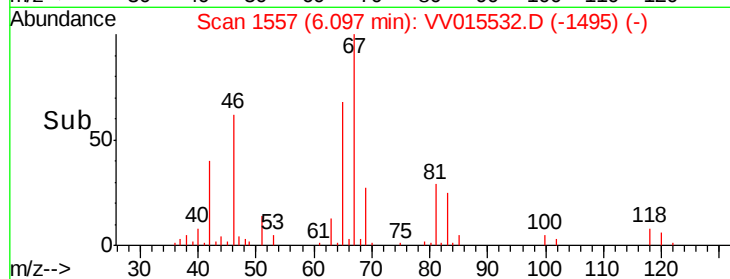
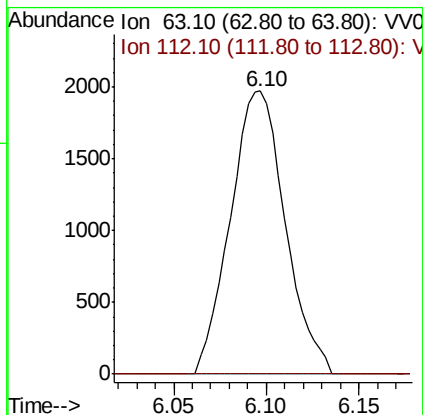
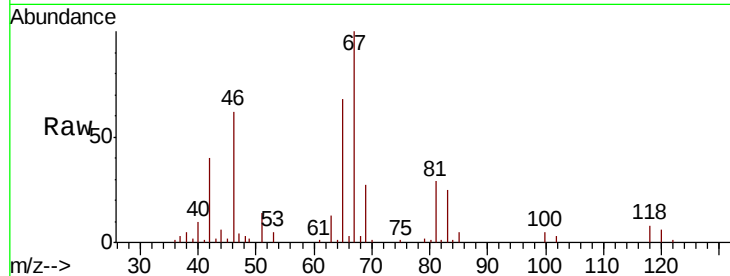




#37
 1,2-Dichloropropane
 Concen: 0.574 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.10 min
 Lab File: VV015532.D
 Acq: 16 Apr 2020 13:10

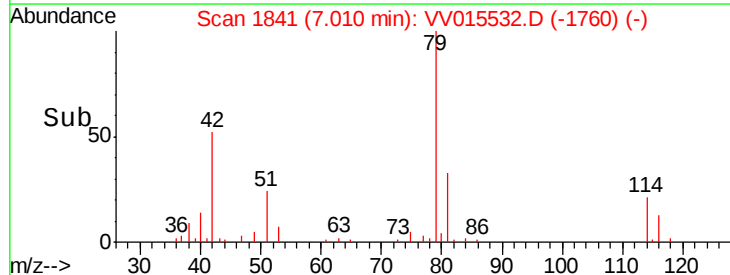
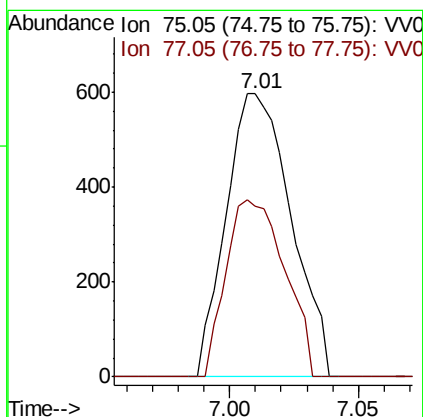
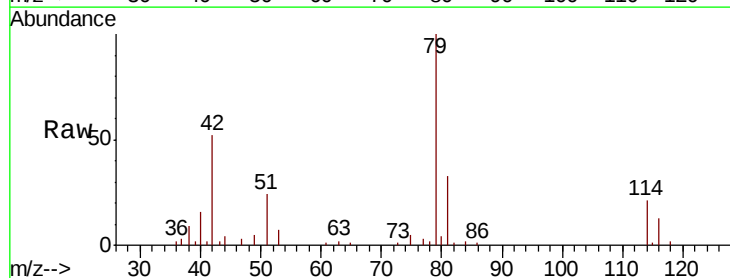
Instrument :
 MSVOA_V
 ClientSampled :

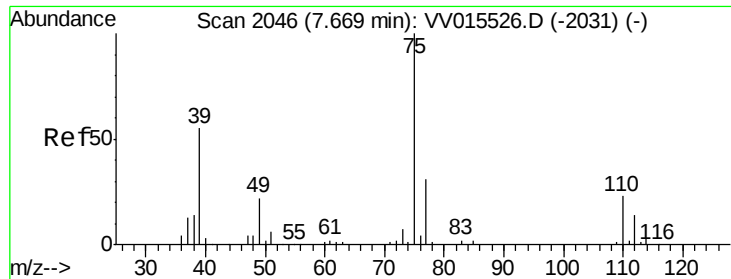
Tot Ion: 63 Resp: 4047
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.097 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV015532.D
 Acq: 16 Apr 2020 13:10

Tgt Ion: 75 Resp: 1050
 Ion Ratio Lower Upper
 75 100
 77 60.5 23.0 42.6#





#44

trans-1,3-Dichloropropene

Concen: 0.070 ug/L

RT: 7.64 min Scan# 2038

Delta R.T. -0.03 min

Lab File: VV015532.D

Acq: 16 Apr 2020 13:10

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 75 Resp: 636

Ion Ratio Lower Upper

75 100

77 36.8 21.0 39.0

