

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050620\
 Data File : VV015928.D
 Acq On : 06 May 2020 23:08
 Operator : SY/MD
 Sample : L2526-05
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 07 08:40:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050520WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu May 07 02:01:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	150034	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	144914	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	67957	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	41399	4.49	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.80%
7) Chloroethane-d5	1.58	69	37619	4.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.60%
11) 1,1-Dichloroethene-d2	2.12	63	64352	3.47	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.40%
20) 2-Butanone-d5	3.93	46	118006	49.33	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.66%
24) Chloroform-d	4.38	84	83456	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.20%
26) 1,2-Dichloroethane-d4	5.06	65	50944	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.20%
32) Benzene-d6	5.08	84	175202	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
36) 1,2-Dichloropropane-d6	6.10	67	54223	4.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.80%
41) Toluene-d8	7.34	98	157265	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.00%
43) trans-1,3-Dichloropropene-	7.65	79	17902	4.11	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.20%
46) 2-Hexanone-d5	8.11	63	85015	44.13	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.26%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	37066	4.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.60%
64) 1,2-Dichlorobenzene-d4	11.65	152	58167	5.14	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.80%

Target Compounds

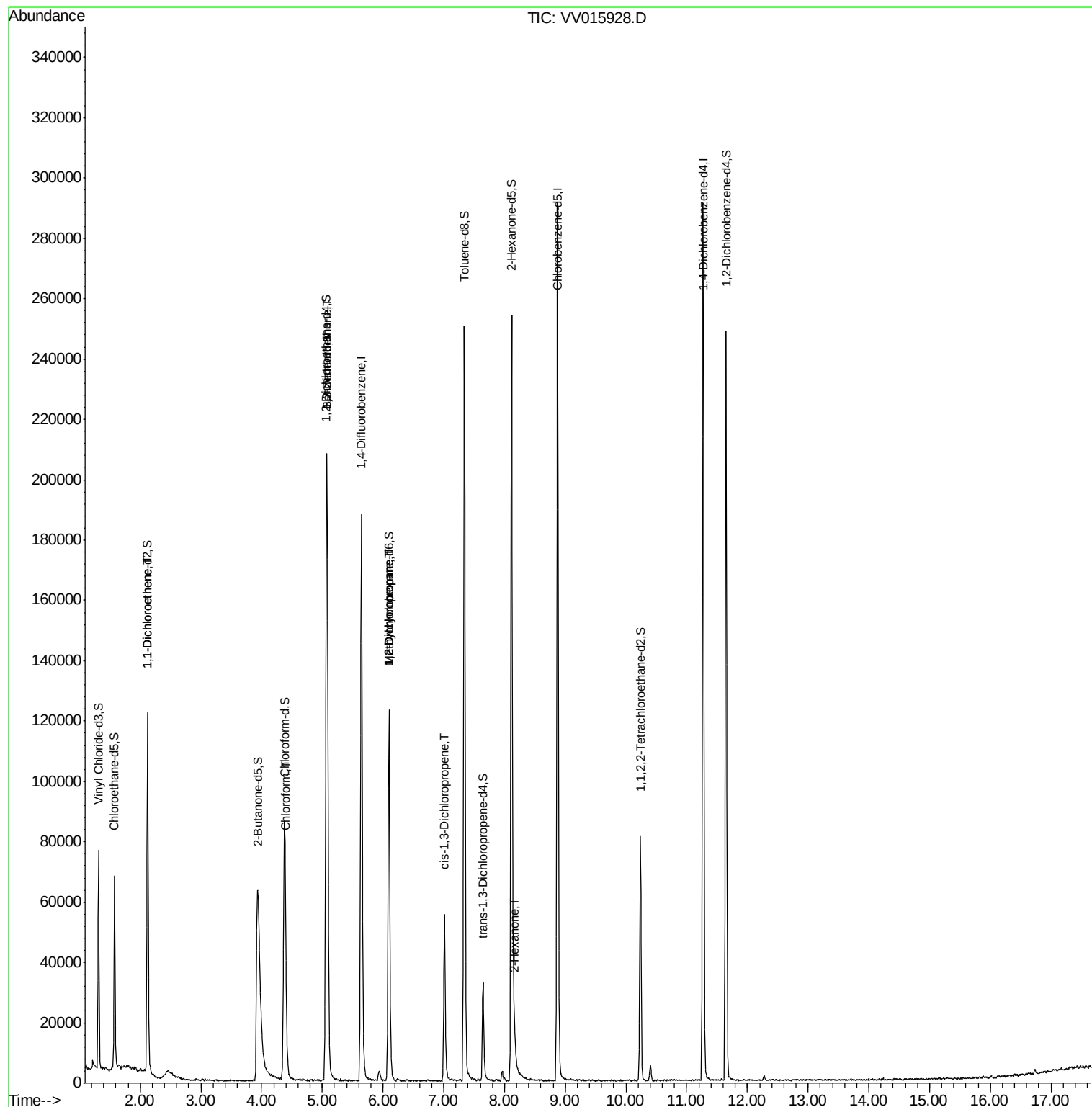
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.13	96	594	0.071	ug/L #	1
25) Chloroform	4.40	83	9212	0.469	ug/L	94
27) 1,2-Dichloroethane	5.07	62	1261	0.104	ug/L #	76
35) Methylcyclohexane	6.10	83	13186	0.780	ug/L #	16
37) 1,2-Dichloropropane	6.10	63	7227	0.761	ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	1667	0.125	ug/L #	69
48) 2-Hexanone	8.17	43	5124	1.211	ug/L #	85

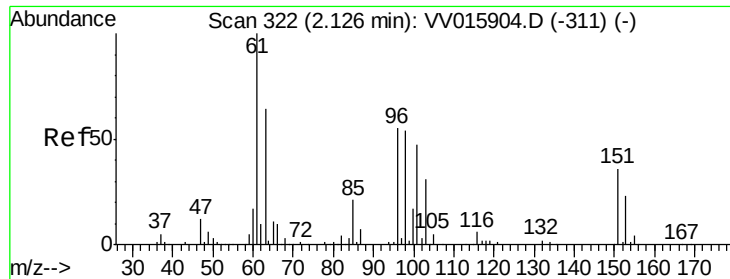
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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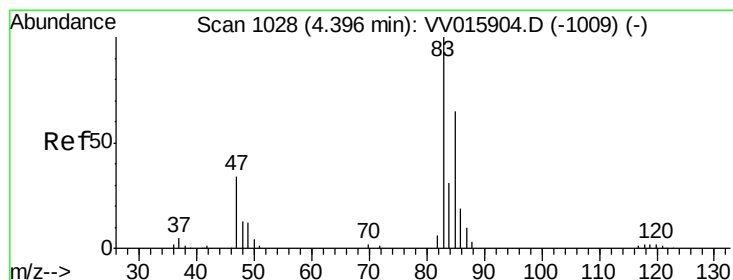
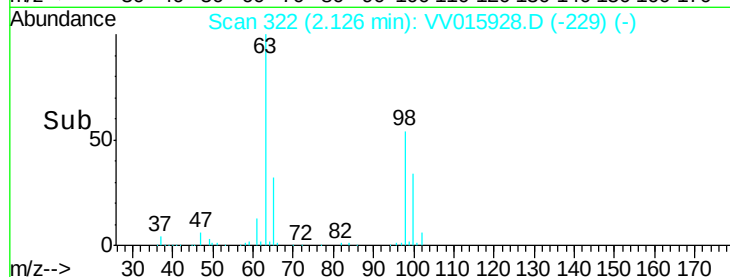
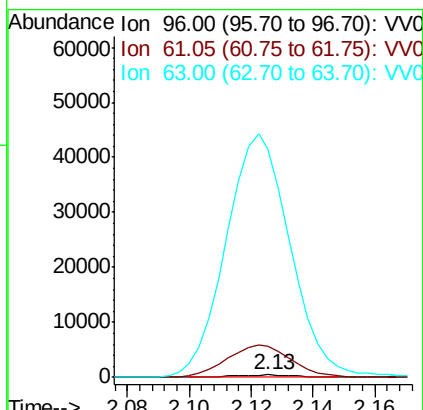
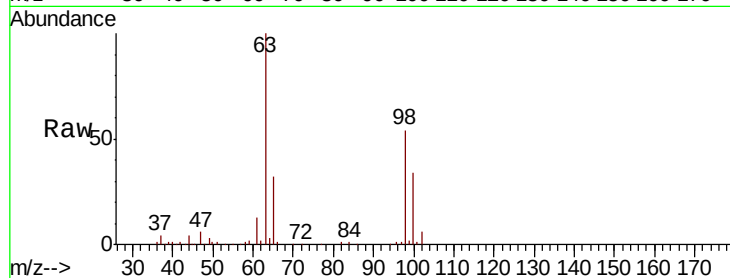




#12
 1,1-Dichloroethene
 Concen: 0.071 ug/L
 RT: 2.13 min Scan# 322
 Delta R.T. -0.00 min
 Lab File: VV015928.D
 Acq: 06 May 2020 23:08

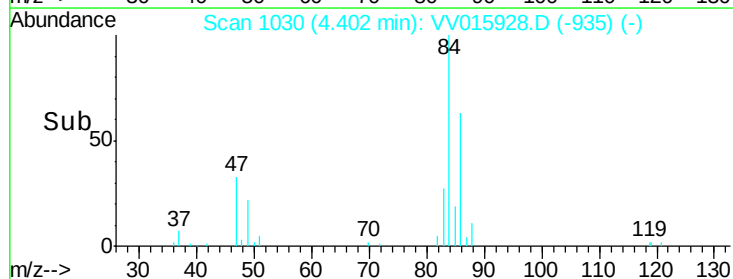
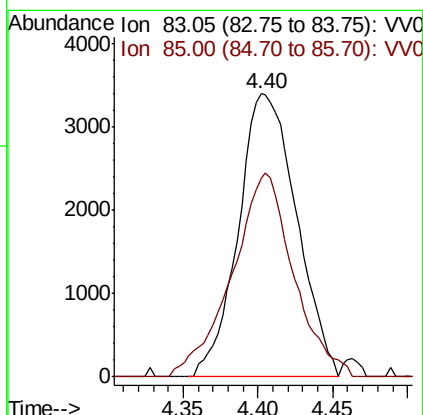
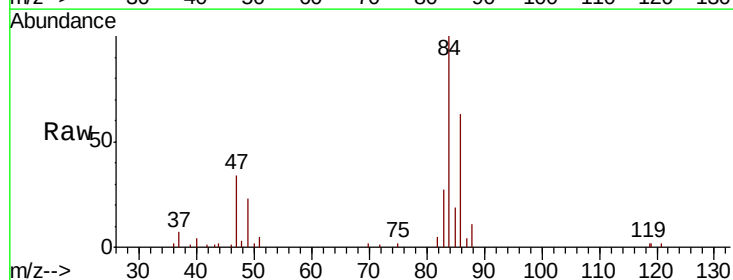
Instrument :
 MSVOA_V
 ClientSampleId :

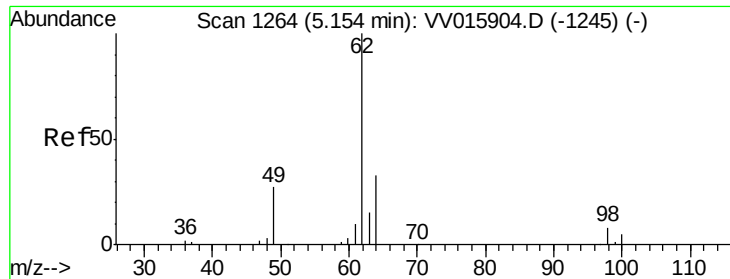
Tot Ion: 96 Resp: 594
 Ion Ratio Lower Upper
 96 100
 61 1275.8 139.9 259.7#
 63 9472.1 106.4 197.6#



#25
 Chloroform
 Concen: 0.469 ug/L
 RT: 4.40 min Scan# 1030
 Delta R.T. 0.01 min
 Lab File: VV015928.D
 Acq: 06 May 2020 23:08

Tgt Ion: 83 Resp: 9212
 Ion Ratio Lower Upper
 83 100
 85 70.4 45.7 84.9

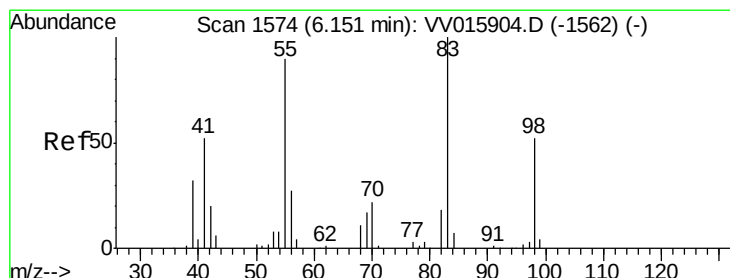
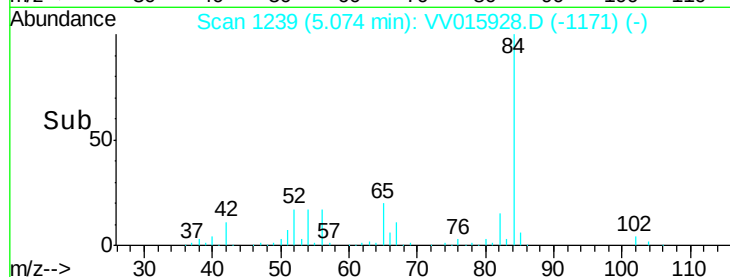
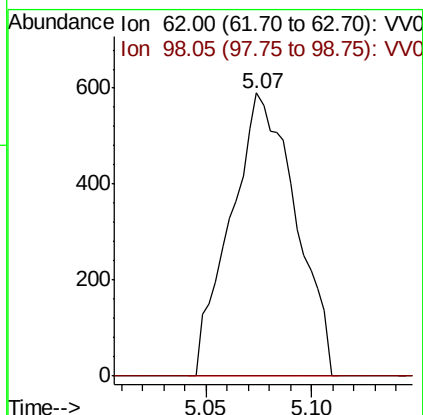
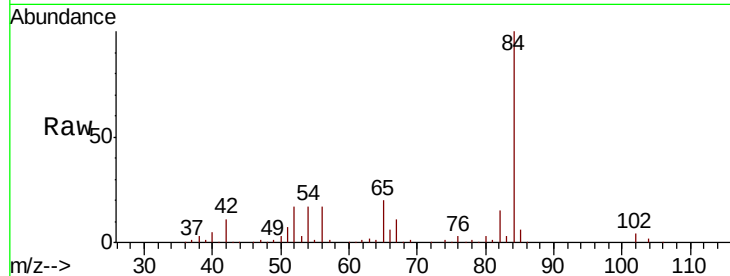




#27
 1,2-Dichloroethane
 Concen: 0.104 ug/L
 RT: 5.07 min Scan# 1239
 Delta R.T. -0.08 min
 Lab File: VV015928.D
 Acq: 06 May 2020 23:08

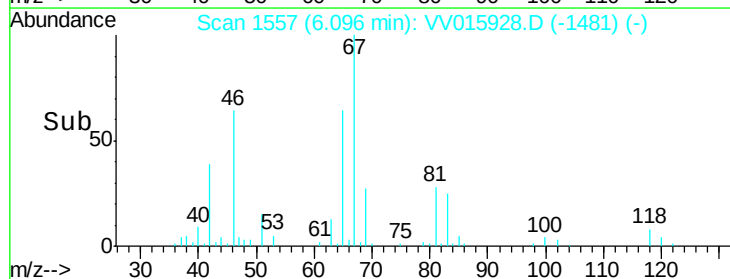
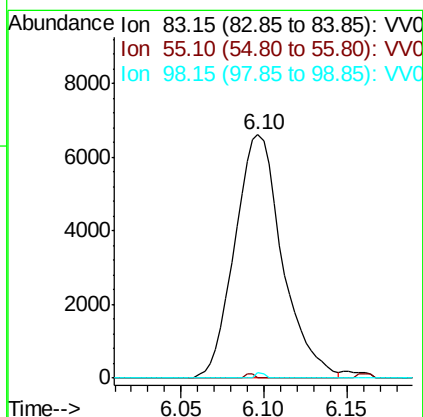
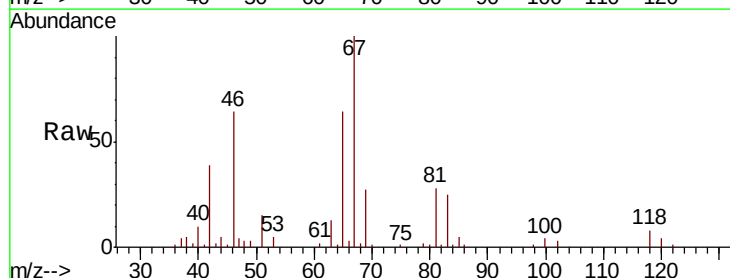
Instrument :
 MSVOA_V
 ClientSampleId :

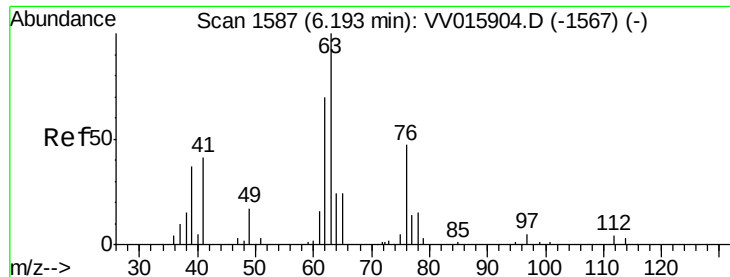
Tot Ion: 62 Resp: 1261
 Ion Ratio Lower Upper
 62 100
 98 0.0 6.7 10.1#



#35
 Methylcyclohexane
 Concen: 0.780 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.05 min
 Lab File: VV015928.D
 Acq: 06 May 2020 23:08

Tgt Ion: 83 Resp: 13186
 Ion Ratio Lower Upper
 83 100
 55 0.3 66.2 99.2#
 98 0.4 37.9 56.9#

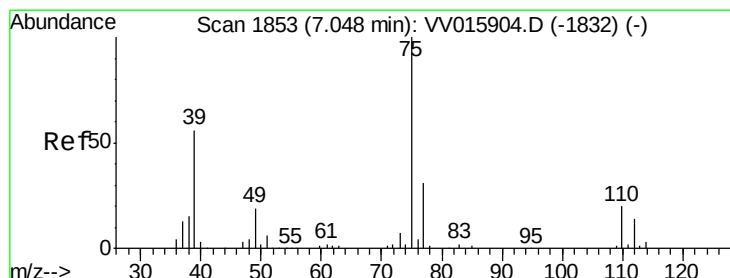
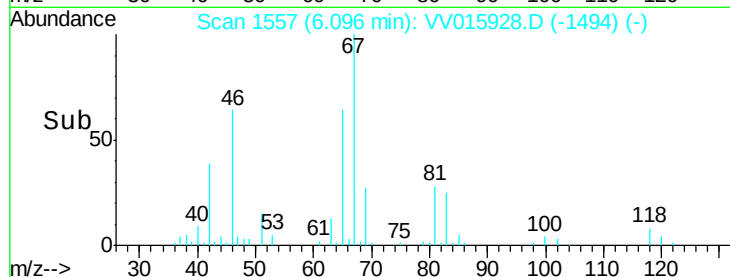
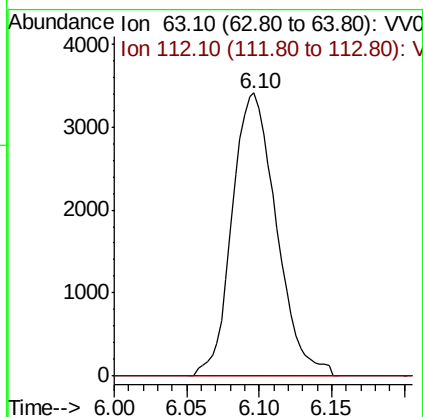
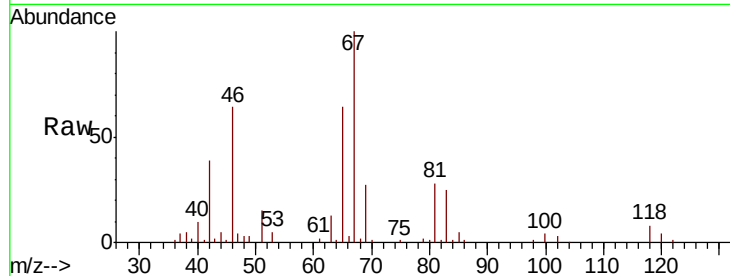




#37
 1,2-Dichloropropane
 Concen: 0.761 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.10 min
 Lab File: VV015928.D
 Acq: 06 May 2020 23:08

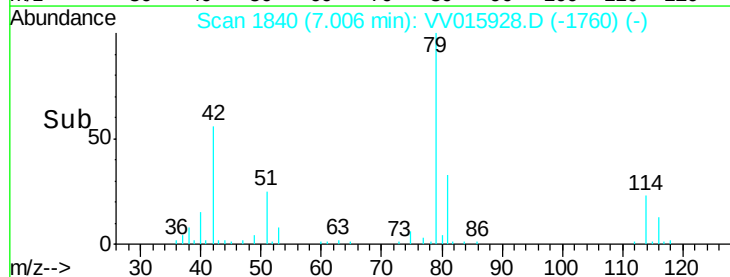
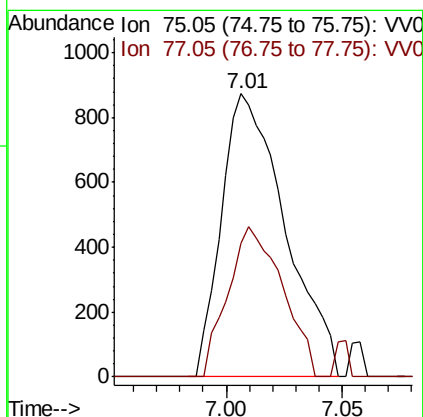
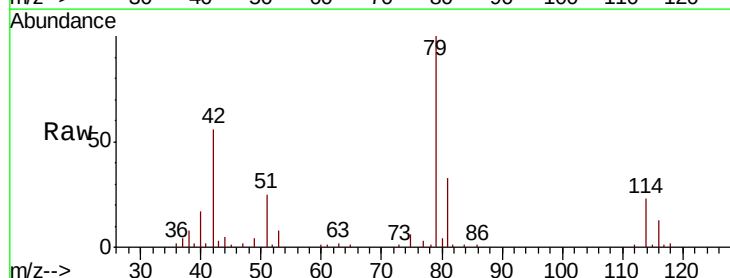
Instrument :
 MSVOA_V
 ClientSampleId :

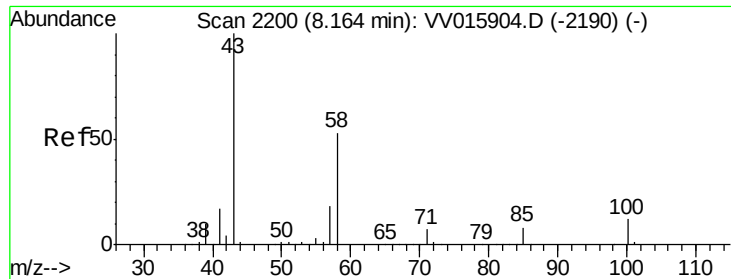
Tot Ion: 63 Resp: 7227
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.0#



#39
 cis-1,3-Dichloropropene
 Concen: 0.125 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV015928.D
 Acq: 06 May 2020 23:08

Tgt Ion: 75 Resp: 1667
 Ion Ratio Lower Upper
 75 100
 77 47.4 21.3 39.5#





#48
 2-Hexanone
 Concen: 1.211 ug/L
 RT: 8.17 min Scan# 2202
 Delta R.T. 0.01 min
 Lab File: VV015928.D
 Acq: 06 May 2020 23:08

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 43 Resp: 5124
 Ion Ratio Lower Upper
 43 100
 58 40.5 40.8 61.2#
 57 23.5 14.7 22.1#
 100 3.2 9.0 13.6#

