

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040920\
 Data File : VV015441.D
 Acq On : 10 Apr 2020 00:46
 Operator : SY/MD
 Sample : L2194-02
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 10 05:40:52 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	108079	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	102030	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	50666	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	27481	4.90	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.00%
7) Chloroethane-d5	1.57	69	26134	5.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.20%
11) 1,1-Dichloroethene-d2	2.12	63	40917	3.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.20%
20) 2-Butanone-d5	3.97	46	88634	56.29	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.58%
24) Chloroform-d	4.38	84	61660	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
26) 1,2-Dichloroethane-d4	5.06	65	36460	5.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.00%
32) Benzene-d6	5.08	84	120831	5.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.80%
36) 1,2-Dichloropropane-d6	6.10	67	39414	5.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.80%
41) Toluene-d8	7.34	98	110650	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.40%
43) trans-1,3-Dichloropropene-	7.65	79	15301	4.99	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.80%
46) 2-Hexanone-d5	8.12	63	80387	54.36	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.72%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	29636	5.30	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.00%
64) 1,2-Dichlorobenzene-d4	11.65	152	42817	5.26	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.20%

Target Compounds

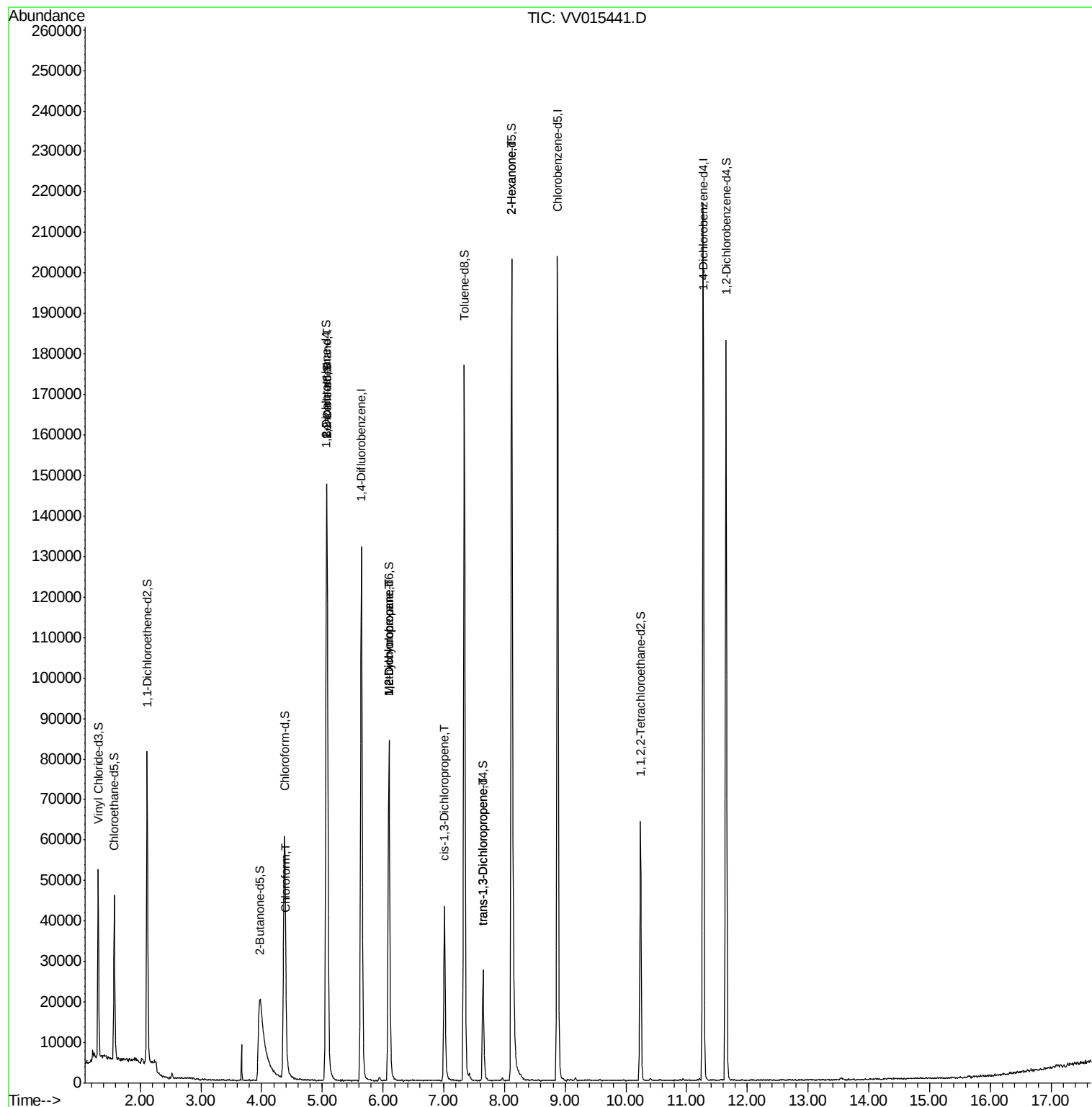
					Ovalue
25) Chloroform	4.41	83	2580	0.175 ug/L	97
27) 1,2-Dichloroethane	5.08	62	643	0.067 ug/L #	77
35) Methylcyclohexane	6.10	83	9441	0.682 ug/L #	15
37) 1,2-Dichloropropane	6.10	63	4659	0.615 ug/L #	86
39) cis-1,3-Dichloropropene	7.01	75	1135	0.098 ug/L	85
44) trans-1,3-Dichloropropene	7.65	75	679	0.069 ug/L #	74
48) 2-Hexanone	8.12	43	11580	3.332 ug/L #	74

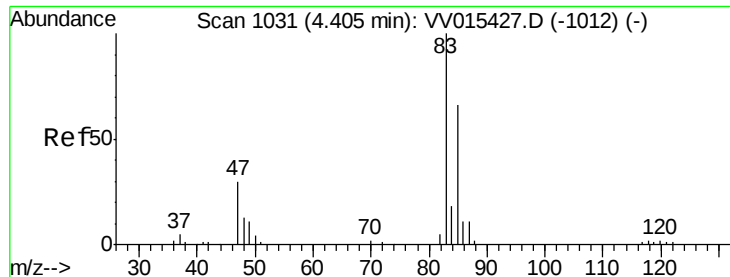
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
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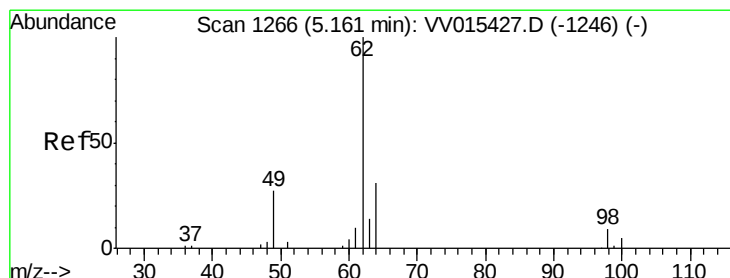
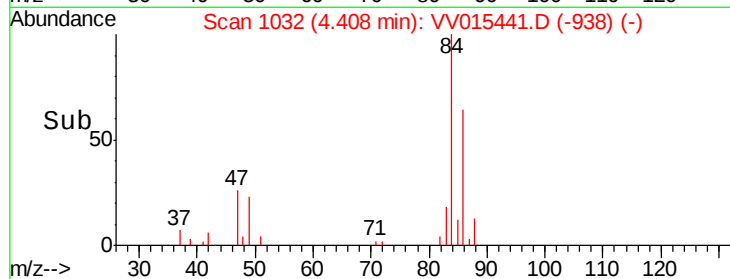
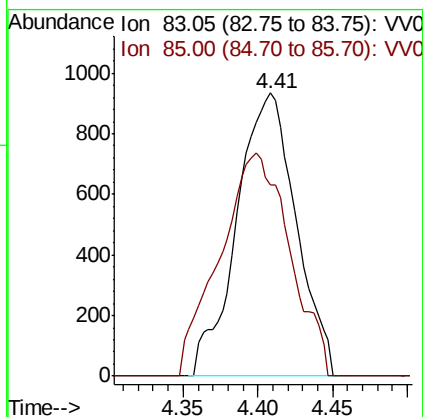
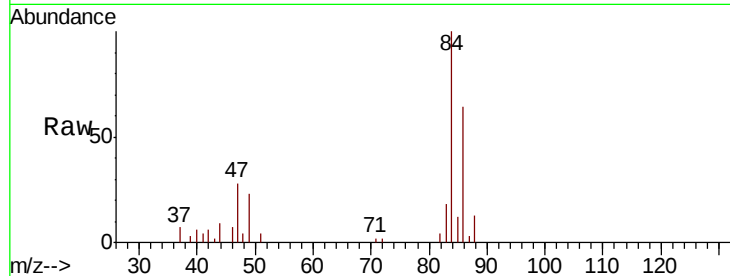




#25
Chloroform
Concen: 0.175 ug/L
RT: 4.41 min Scan# 1032
Delta R.T. 0.00 min
Lab File: VV015441.D
Acq: 10 Apr 2020 00:46

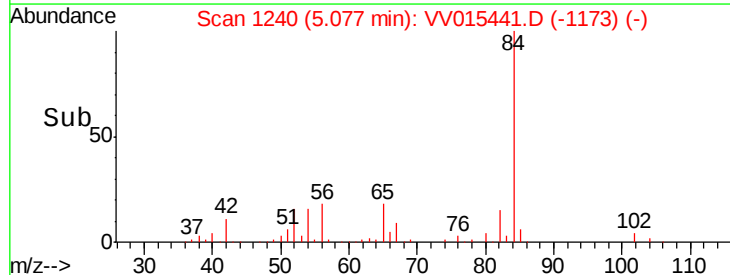
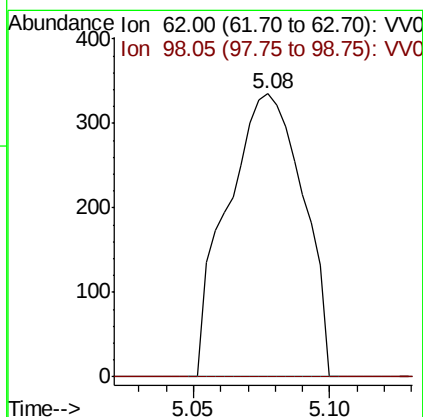
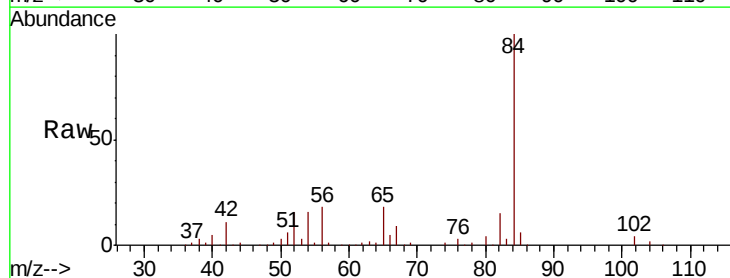
Instrument :
MSVOA_V
ClientSampled :

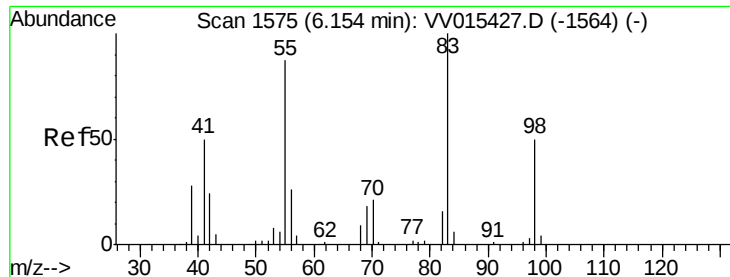
Tot Ion: 83 Resp: 2580
Ion Ratio Lower Upper
83 100
85 67.7 45.9 85.3



#27
1,2-Dichloroethane
Concen: 0.067 ug/L
RT: 5.08 min Scan# 1240
Delta R.T. -0.08 min
Lab File: VV015441.D
Acq: 10 Apr 2020 00:46

Tgt Ion: 62 Resp: 643
Ion Ratio Lower Upper
62 100
98 0.0 6.6 10.0#

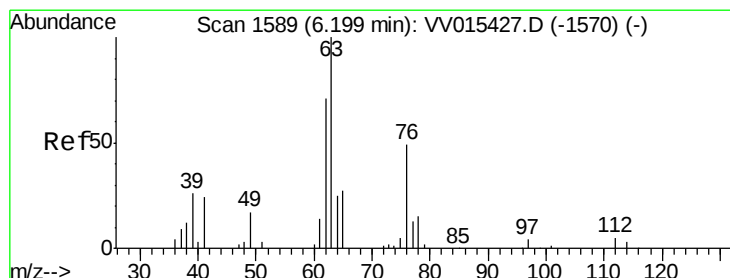
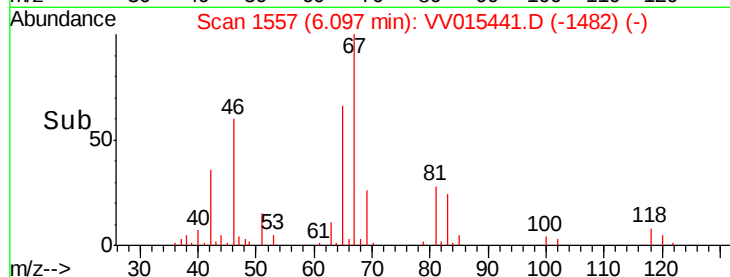
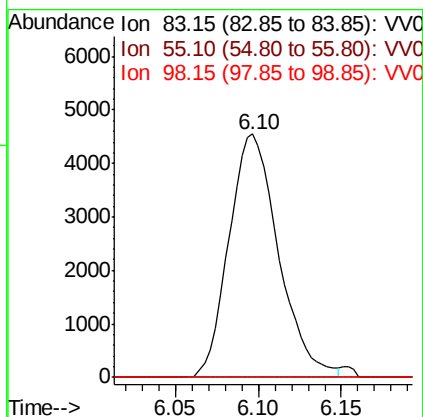
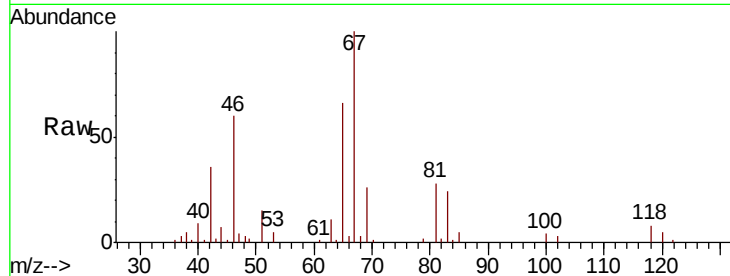




#35
Methvlcvclohexane
Concen: 0.682 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.06 min
Lab File: VV015441.D
Acq: 10 Apr 2020 00:46

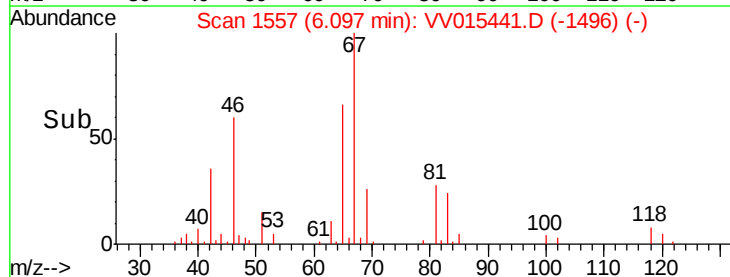
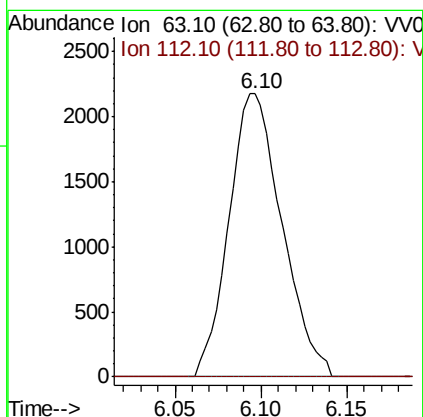
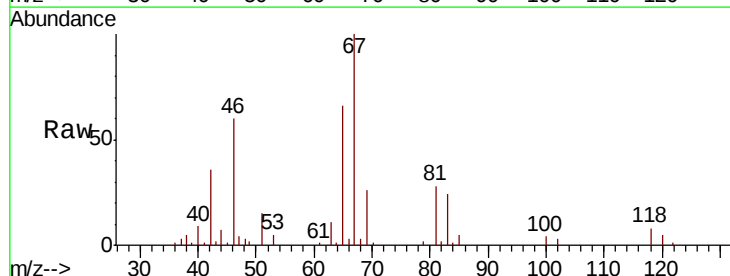
Instrument :
MSVOA_V
ClientSampled :

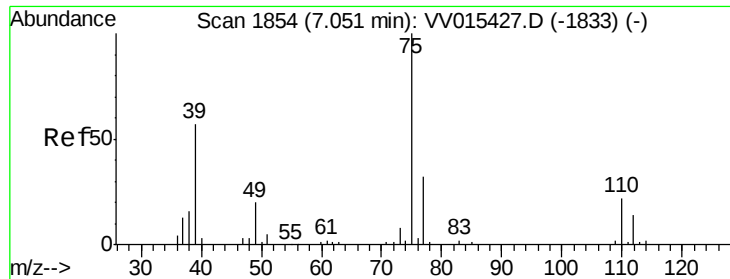
Tot Ion: 83 Resp: 9441
Ion Ratio Lower Upper
83 100
55 0.0 66.6 99.8#
98 0.0 38.7 58.1#



#37
1,2-Dichloropropane
Concen: 0.615 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.10 min
Lab File: VV015441.D
Acq: 10 Apr 2020 00:46

Tgt Ion: 63 Resp: 4659
Ion Ratio Lower Upper
63 100
112 0.0 3.6 5.4#

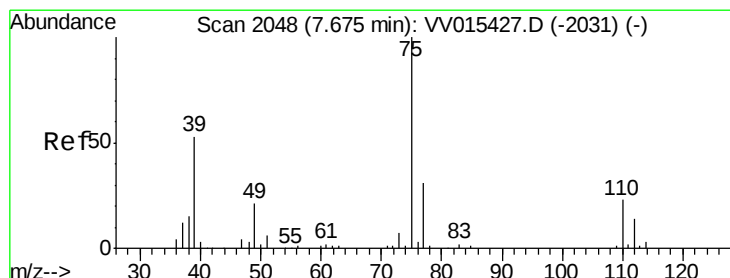
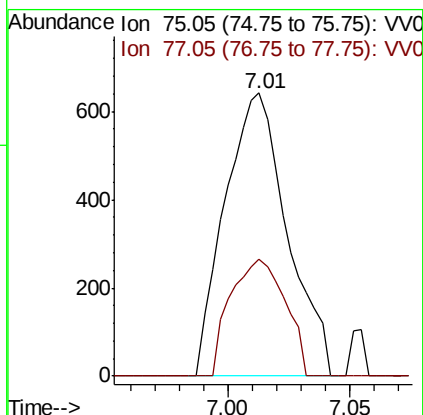
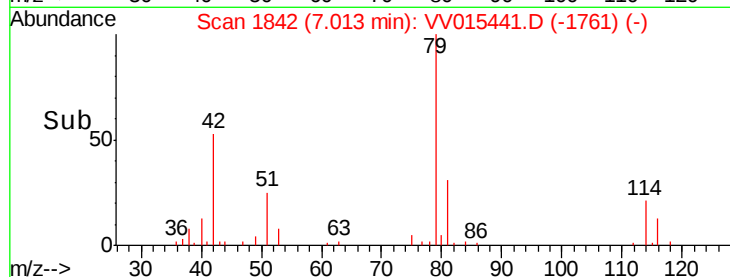
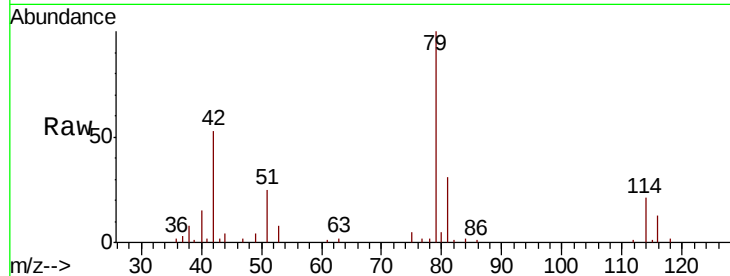




#39
cis-1,3-Dichloropropene
Concen: 0.098 ug/L
RT: 7.01 min Scan# 1842
Delta R.T. -0.04 min
Lab File: VV015441.D
Acq: 10 Apr 2020 00:46

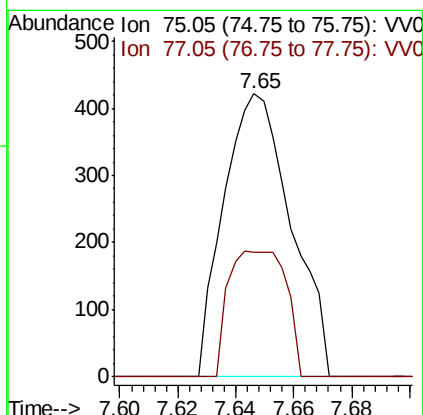
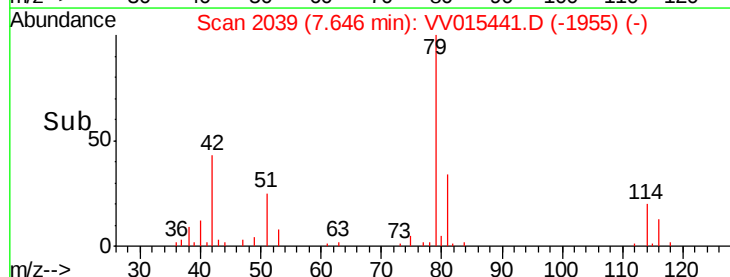
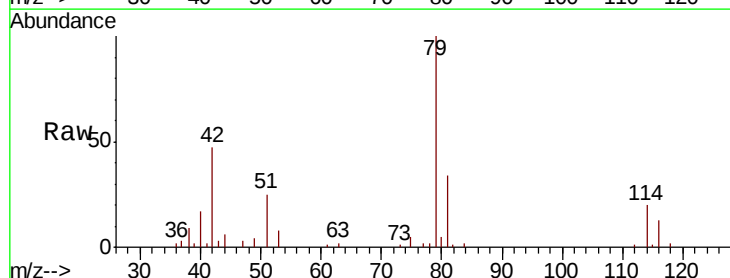
Instrument :
MSVOA_V
ClientSampleId :

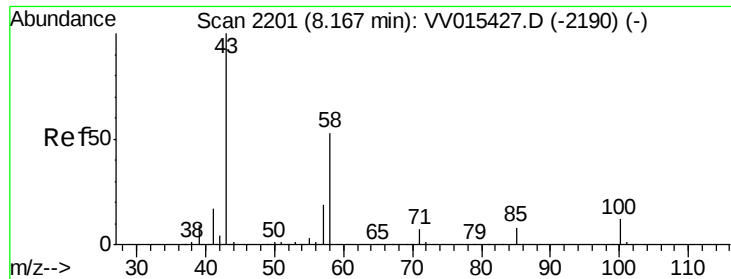
Tot Ion: 75 Resp: 1135
Ion Ratio Lower Upper
75 100
77 41.3 23.0 42.6



#44
trans-1,3-Dichloropropene
Concen: 0.069 ug/L
RT: 7.65 min Scan# 2039
Delta R.T. -0.03 min
Lab File: VV015441.D
Acq: 10 Apr 2020 00:46

Tgt Ion: 75 Resp: 679
Ion Ratio Lower Upper
75 100
77 44.1 21.0 39.0#





#48

2-Hexanone

Concen: 3.332 ug/L

RT: 8.12 min Scan# 2186

Delta R.T. -0.05 min

Lab File: VV015441.D

Acq: 10 Apr 2020 00:46

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:	43	Resp:	11580
Ion	Ratio	Lower	Upper
43	100		
58	27.3	41.4	62.0#
57	18.4	15.0	22.4
100	0.0	9.4	14.2#

