

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052220\
 Data File : VV016181.D
 Acq On : 22 May 2020 19:19
 Operator : SY/MD
 Sample : L2751-10
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 23 05:11:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat May 23 05:08:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	129813	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	125889	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	58368	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	40023	5.68	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	113.60%
7) Chloroethane-d5	1.58	69	35071	5.25	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.00%
11) 1,1-Dichloroethene-d2	2.12	63	65546	4.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.60%
20) 2-Butanone-d5	3.96	46	68300	34.00	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	68.00%
24) Chloroform-d	4.38	84	75877	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.60%
26) 1,2-Dichloroethane-d4	5.06	65	40796	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.40%
32) Benzene-d6	5.08	84	154176	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.00%
36) 1,2-Dichloropropane-d6	6.10	67	46213	5.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.20%
41) Toluene-d8	7.34	98	142022	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.20%
45) trans-1,3-Dichloropropene-	7.65	79	15711	4.38	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.60%
48) 2-Hexanone-d5	8.12	63	64018	40.61	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.22%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	29457	4.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.60%
65) 1,2-Dichlorobenzene-d4	11.65	152	49545	5.23	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.60%

Target Compounds

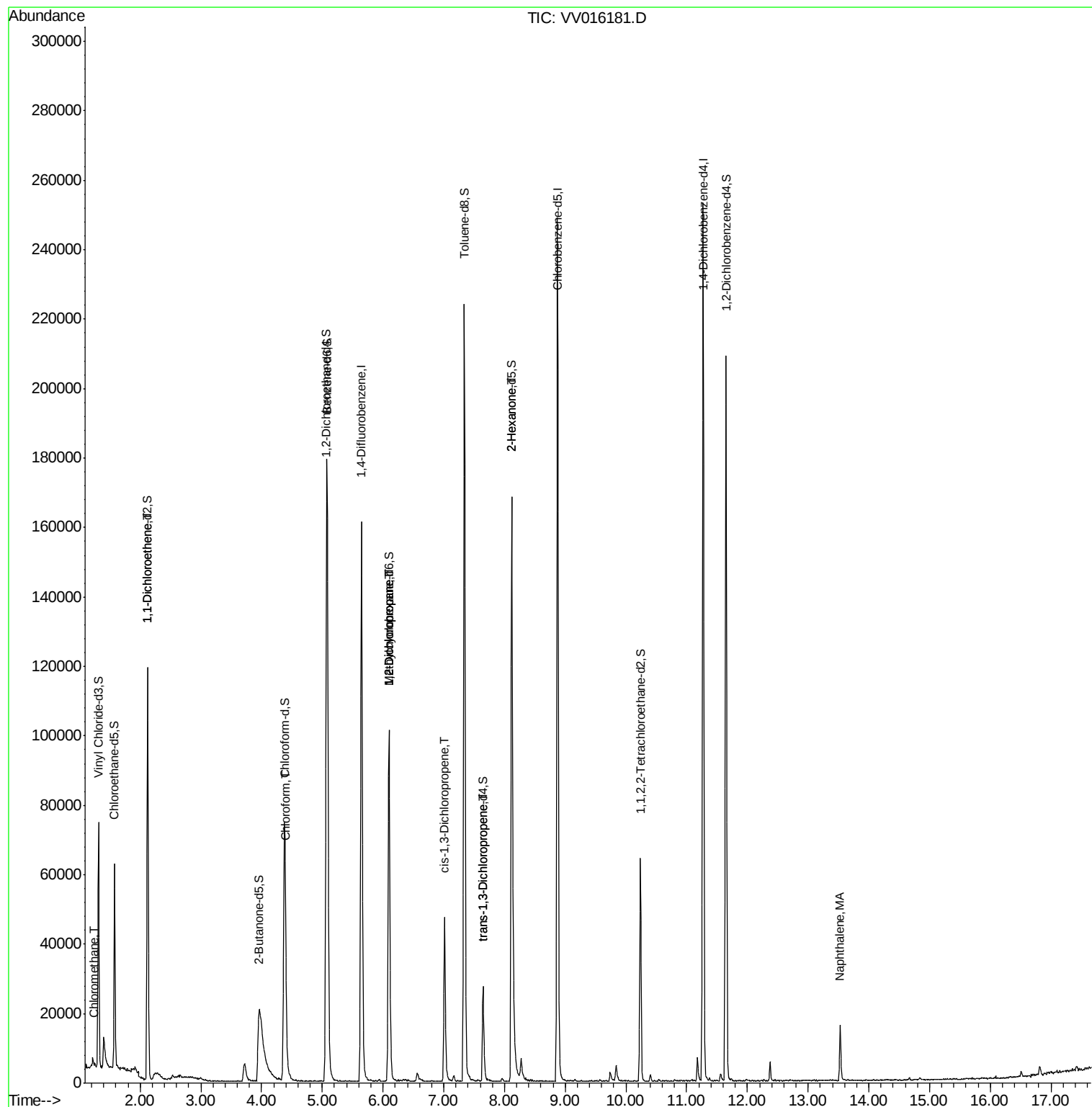
					Ovalue
3) Chloromethane	1.25	50	716	0.071 ug/L	94
12) 1,1-Dichloroethene	2.12	96	519	0.073 ug/L #	1
25) Chloroform	4.40	83	3089	0.184 ug/L	98
35) Methylcyclohexane	6.10	83	11396	0.833 ug/L #	16
37) 1,2-Dichloropropane	6.10	63	5702	0.709 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	1248	0.110 ug/L #	80
46) trans-1,3-Dichloropropene	7.65	75	773	0.080 ug/L #	68
50) 2-Hexanone	8.12	43	8603	2.426 ug/L #	71
70) Naphthalene	13.53	128	12535	0.798 ug/L	99

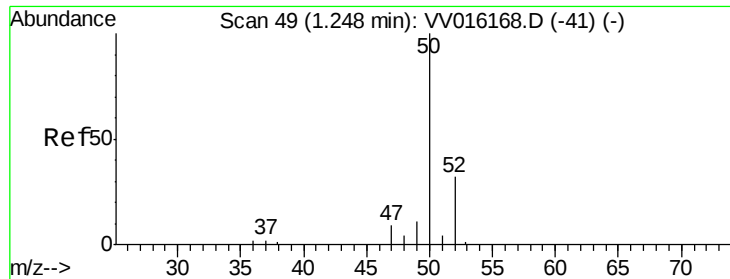
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.071 ug/L

RT: 1.25 min Scan# 49

Delta R.T. -0.00 min

Lab File: VV016181.D

Acq: 22 May 2020 19:19

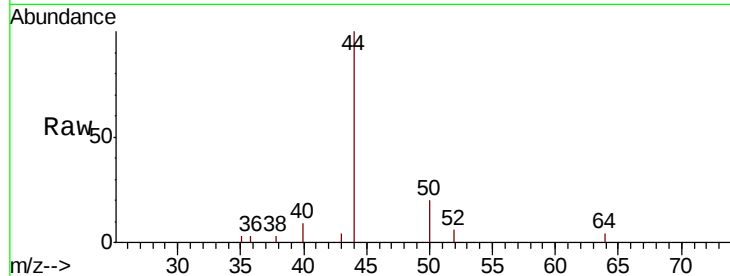
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 50 Resp: 716

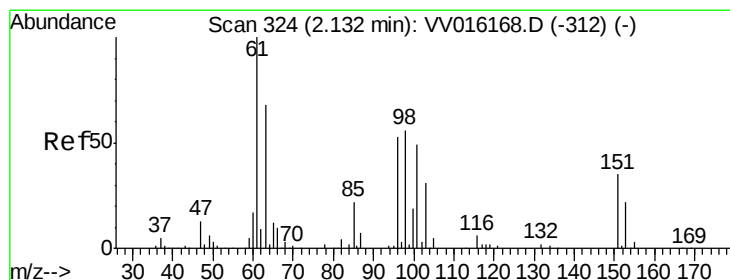
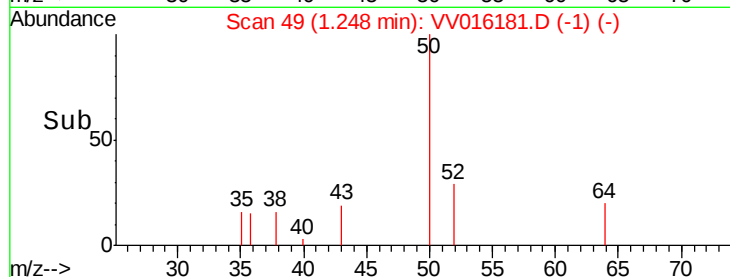
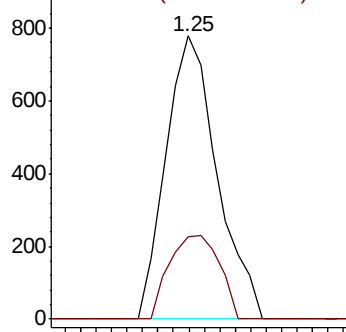
Ion Ratio Lower Upper

50 100

52 29.3 22.8 42.4



Abundance Ion 50.05 (49.75 to 50.75): VV0
Ion 52.05 (51.75 to 52.75): VV0



#12

1,1-Dichloroethene

Concen: 0.073 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV016181.D

Acq: 22 May 2020 19:19

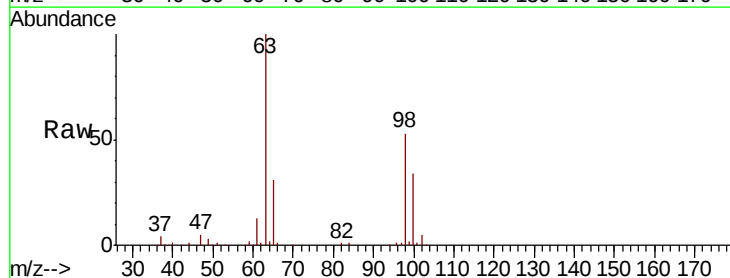
Tgt Ion: 96 Resp: 519

Ion Ratio Lower Upper

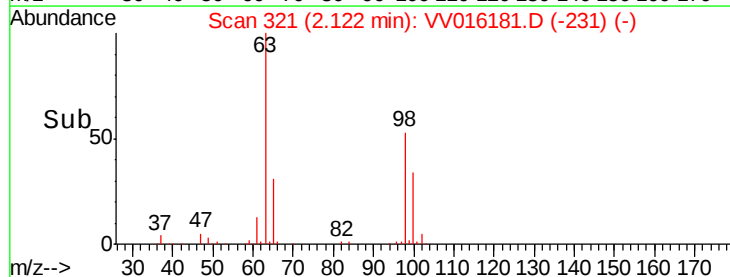
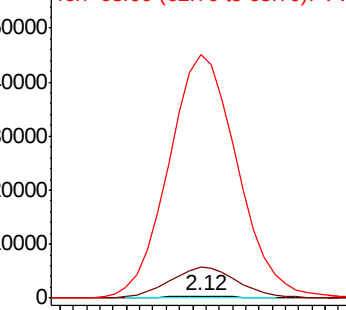
96 100

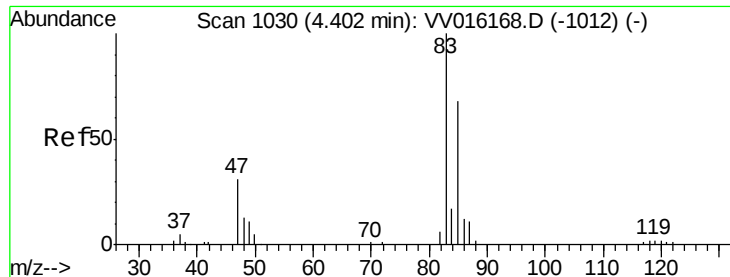
61 1593.6 139.9 259.7#

63 12631.9 106.4 197.6#



Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 63.00 (62.70 to 63.70): VV0

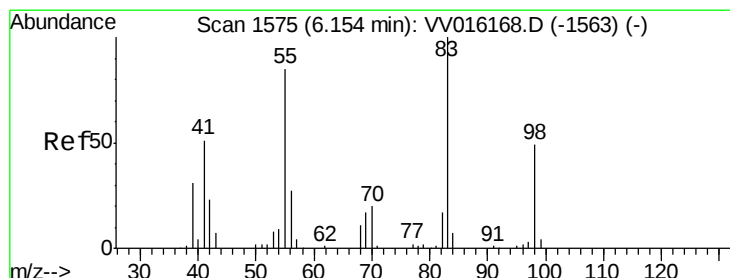
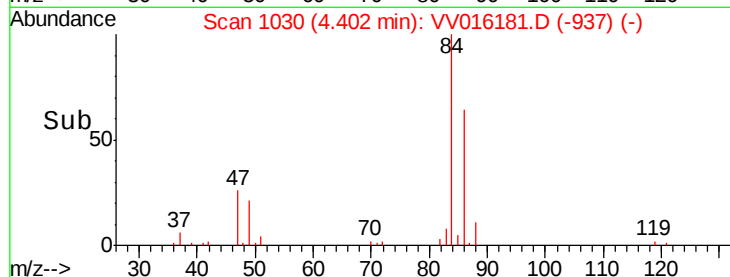
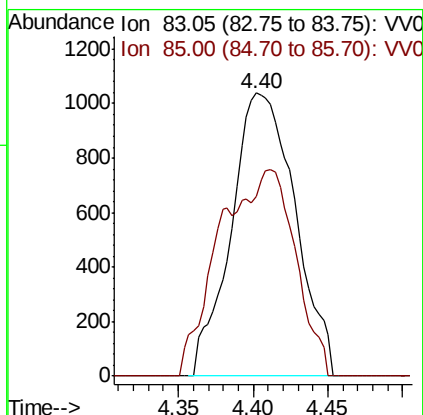
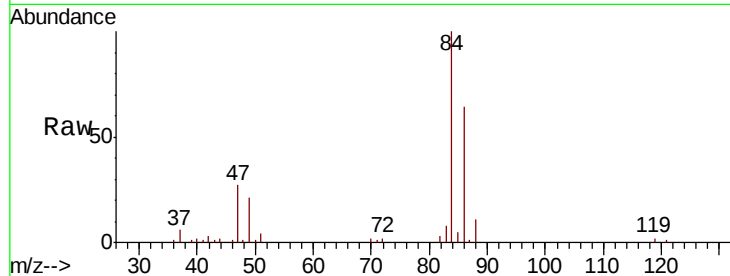




#25
Chloroform
Concen: 0.184 ug/L
RT: 4.40 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VV016181.D
Acq: 22 May 2020 19:19

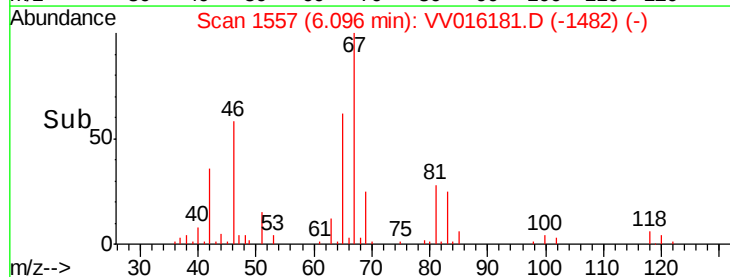
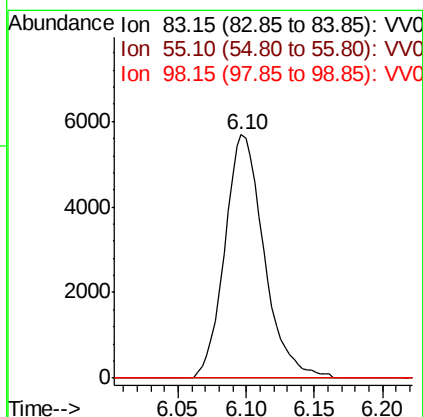
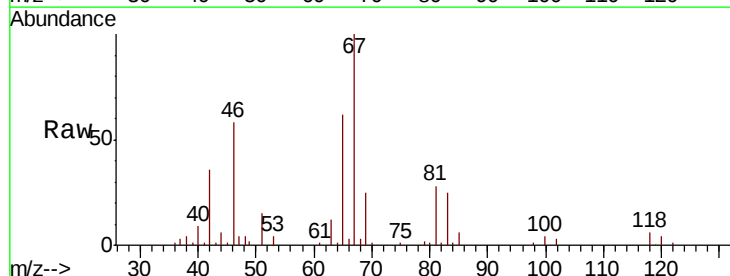
Instrument :
MSVOA_V
ClientSampled :

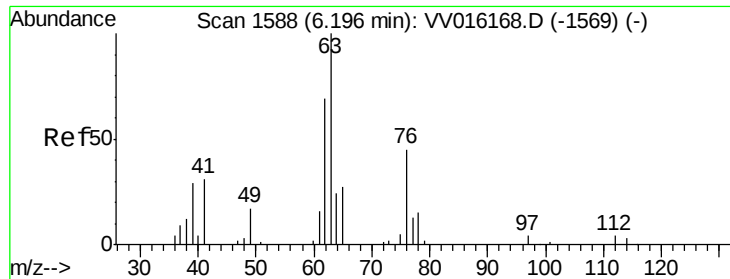
Tot Ion: 83 Resp: 3089
Ion Ratio Lower Upper
83 100
85 63.4 45.7 84.9



#35
Methylcyclohexane
Concen: 0.833 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.06 min
Lab File: VV016181.D
Acq: 22 May 2020 19:19

Tgt Ion: 83 Resp: 11396
Ion Ratio Lower Upper
83 100
55 0.0 66.2 99.2#
98 0.2 37.9 56.9#

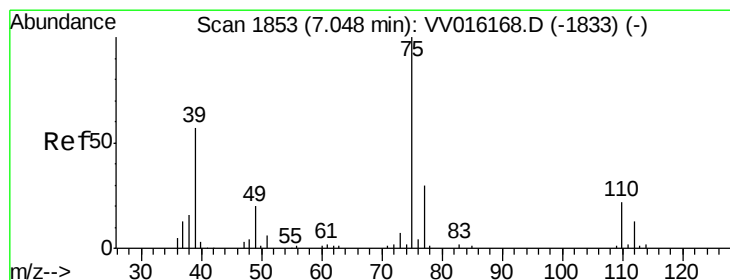
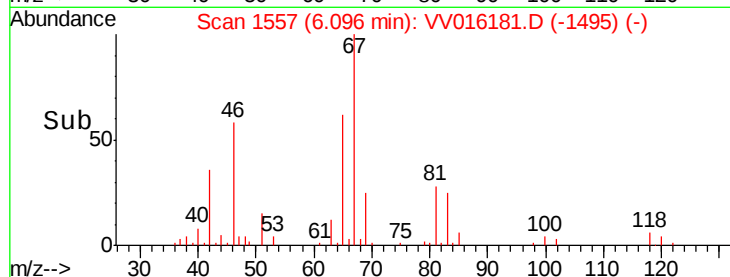
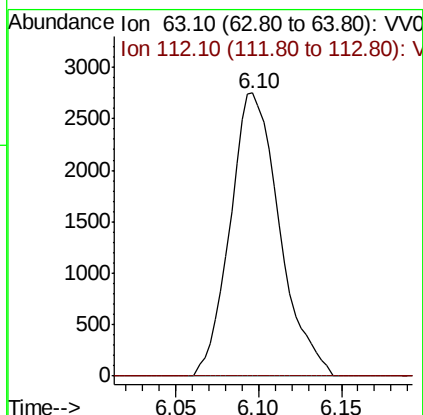
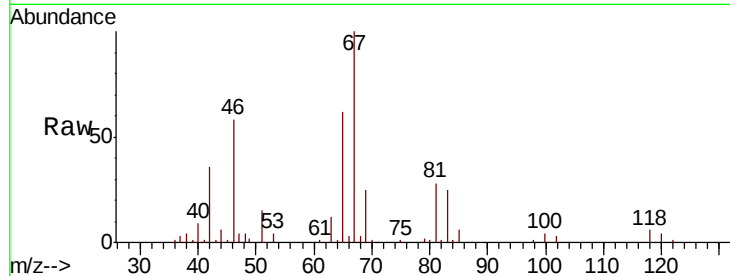




#37
 1,2-Dichloropropane
 Concen: 0.709 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.10 min
 Lab File: VV016181.D
 Acq: 22 May 2020 19:19

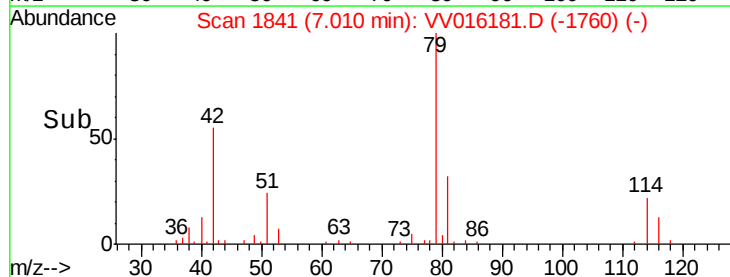
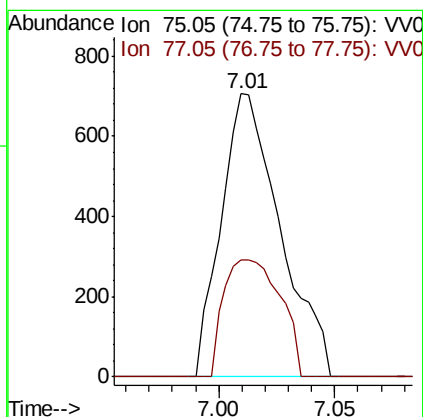
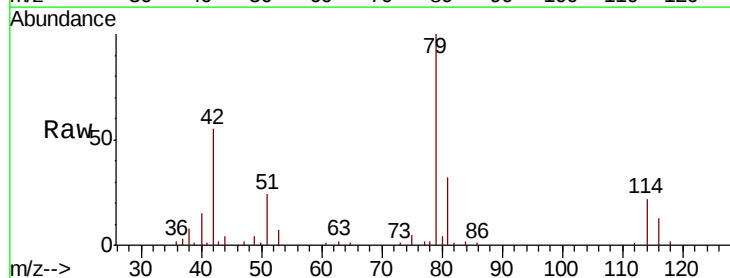
Instrument :
 MSVOA_V
 ClientSampleId :

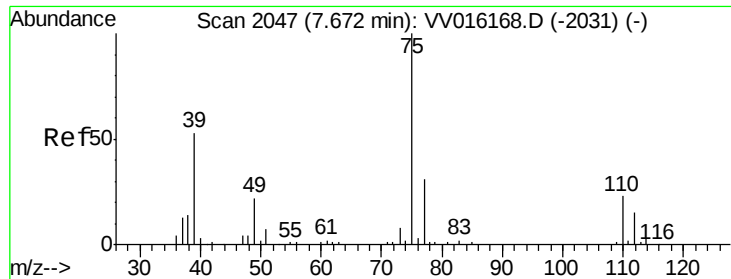
Tot Ion: 63 Resp: 5702
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.0#



#39
 cis-1,3-Dichloropropene
 Concen: 0.110 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV016181.D
 Acq: 22 May 2020 19:19

Tgt Ion: 75 Resp: 1248
 Ion Ratio Lower Upper
 75 100
 77 41.5 21.3 39.5#

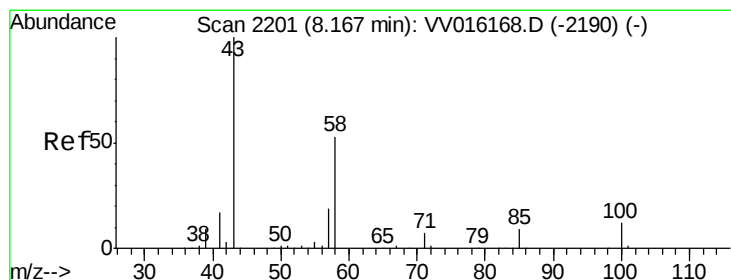
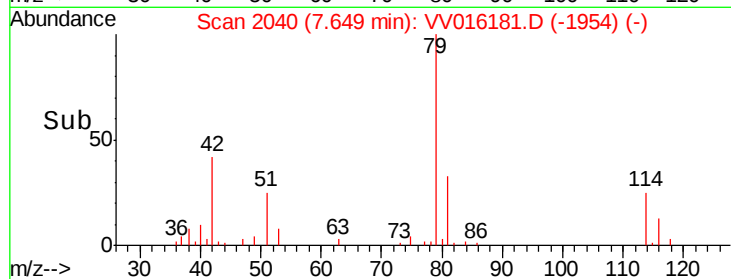
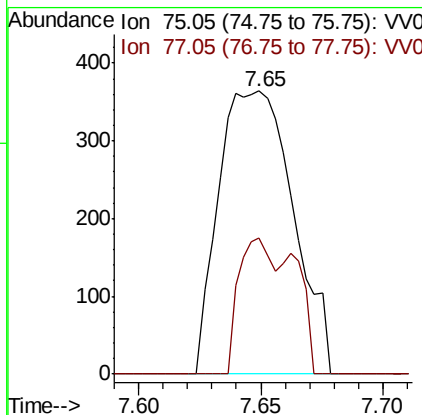
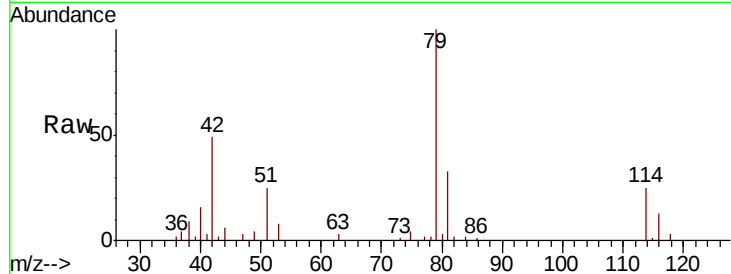




#46
trans-1,3-Dichloropropene
Concen: 0.080 ug/L
RT: 7.65 min Scan# 2040
Delta R.T. -0.02 min
Lab File: VV016181.D
Acq: 22 May 2020 19:19

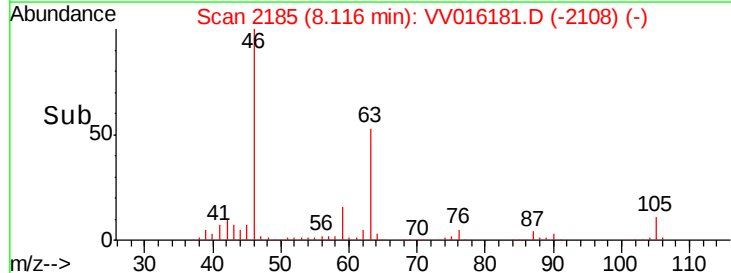
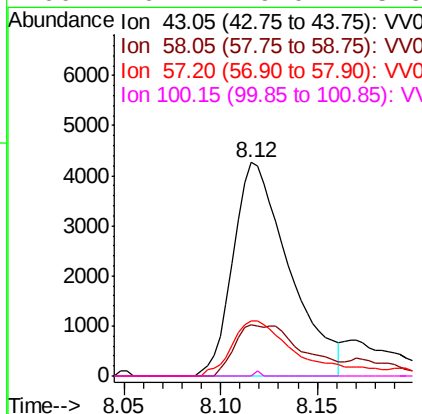
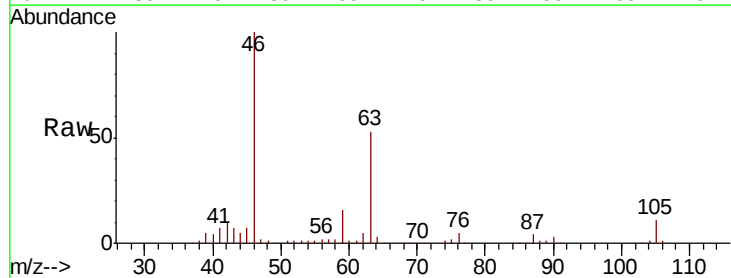
Instrument :
MSVOA_V
ClientSampleId :

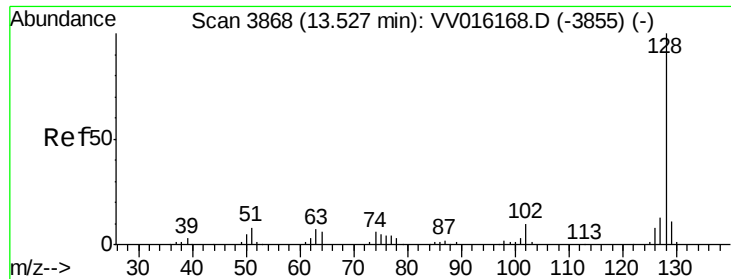
Tot Ion: 75 Resp: 773
Ion Ratio Lower Upper
75 100
77 48.1 21.3 39.6#



#50
2-Hexanone
Concen: 2.426 ug/L
RT: 8.12 min Scan# 2185
Delta R.T. -0.05 min
Lab File: VV016181.D
Acq: 22 May 2020 19:19

Tgt Ion: 43 Resp: 8603
Ion Ratio Lower Upper
43 100
58 29.0 40.8 61.2#
57 28.0 14.7 22.1#
100 0.2 9.0 13.6#





#70

Naphthalene

Concen: 0.798 ug/L

RT: 13.53 min Scan# 3868

Delta R.T. -0.00 min

Lab File: VV016181.D

Acq: 22 May 2020 19:19

Instrument :

MSVOA_V

ClientSampleId :

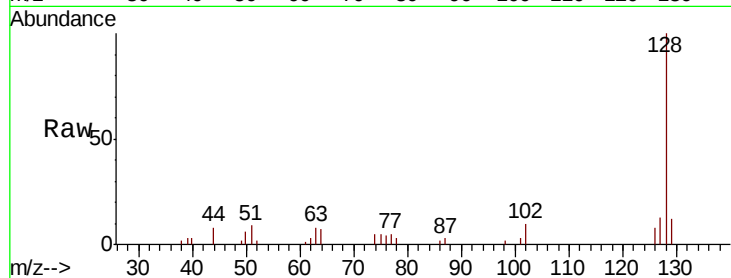
Tot Ion:128 Resp: 12535

Ion Ratio Lower Upper

128 100

129 11.1 8.5 12.7

127 13.0 10.2 15.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

