

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV052220\
 Data File : VV016178.D
 Acq On : 22 May 2020 18:09
 Operator : SY/MD
 Sample : L2751-03
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 23 05:11:11 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	130373	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	126578	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	59739	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	44405	6.28	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	125.60%
7) Chloroethane-d5	1.58	69	39082	5.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	116.60%
11) 1,1-Dichloroethene-d2	2.13	63	71916	4.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.60%
20) 2-Butanone-d5	3.95	46	88888	44.06	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.12%
24) Chloroform-d	4.38	84	81975	5.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.00%
26) 1,2-Dichloroethane-d4	5.06	65	44263	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.80%
32) Benzene-d6	5.08	84	167452	5.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.20%
36) 1,2-Dichloropropane-d6	6.10	67	50586	5.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.00%
41) Toluene-d8	7.34	98	154337	5.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.40%
45) trans-1,3-Dichloropropene-	7.65	79	16344	4.53	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.60%
48) 2-Hexanone-d5	8.12	63	68964	43.51	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.02%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	31267	4.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.80%
65) 1,2-Dichlorobenzene-d4	11.65	152	52794	5.44	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.80%

Target Compounds

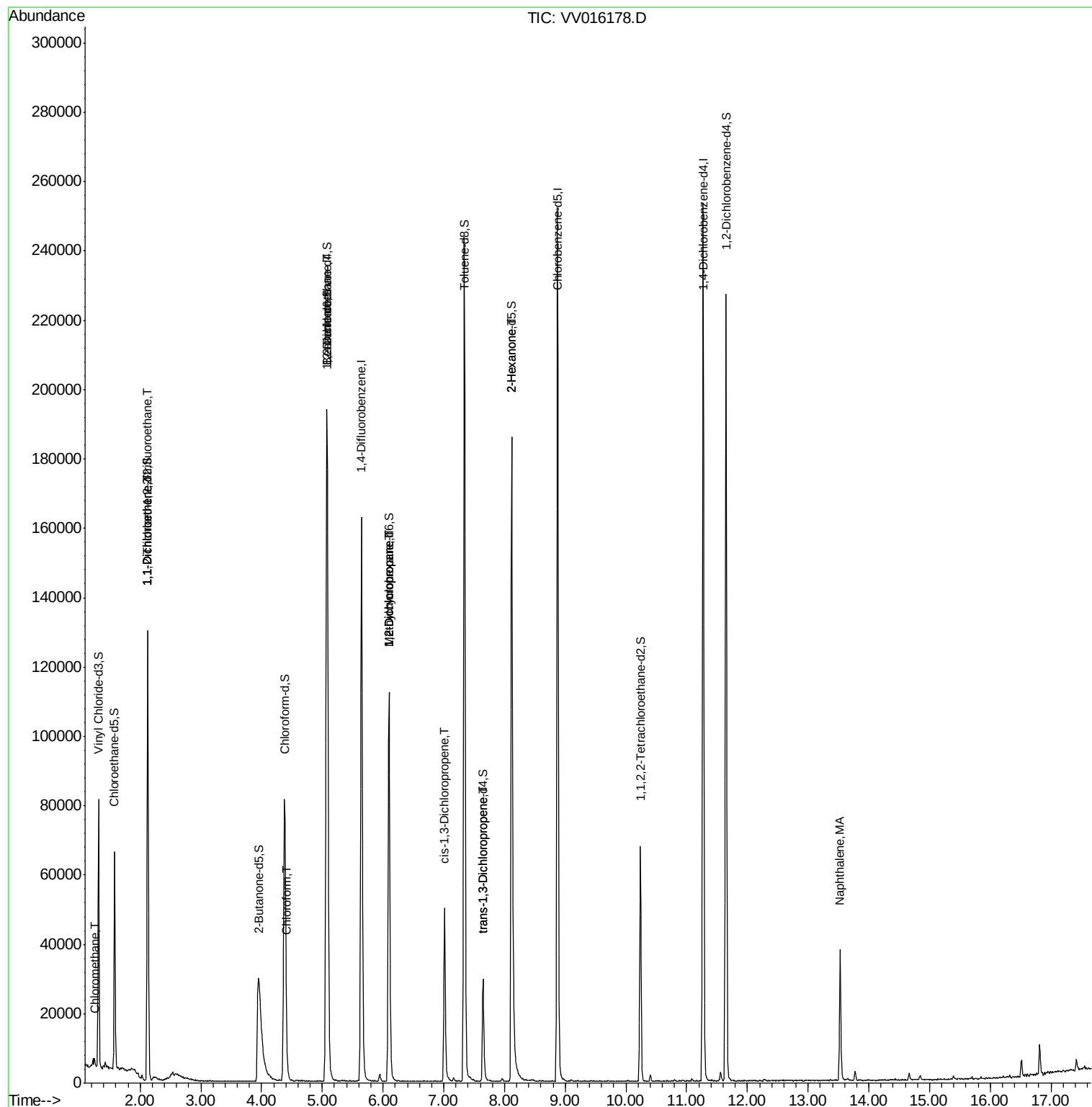
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.25	50	918	0.091	ug/L	95
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	549	0.073	ug/L #	20
12) 1,1-Dichloroethene	2.13	96	606	0.084	ug/L #	1
25) Chloroform	4.41	83	3339	0.199	ug/L	95
27) 1,2-Dichloroethane	5.08	62	1096	0.106	ug/L #	76
35) Methylcyclohexane	6.10	83	12432	0.904	ug/L #	17
37) 1,2-Dichloropropane	6.10	63	6332	0.783	ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	1432	0.125	ug/L	94
46) trans-1,3-Dichloropropene	7.65	75	806	0.083	ug/L #	82
50) 2-Hexanone	8.12	43	9718	2.725	ug/L #	74
70) Naphthalene	13.53	128	29583	1.840	ug/L	99

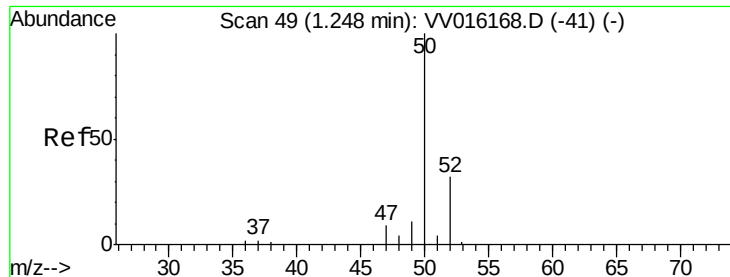
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.091 ug/L

RT: 1.25 min Scan# 50

Delta R.T. 0.00 min

Lab File: VV016178.D

Acq: 22 May 2020 18:09

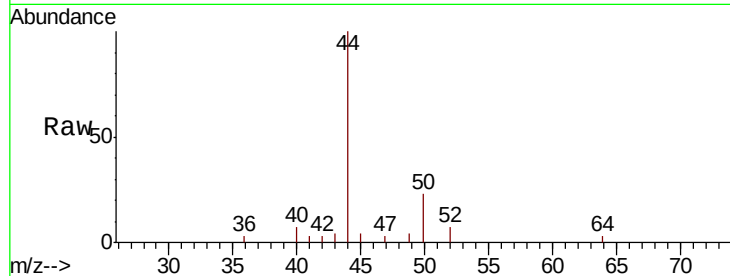
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 50 Resp: 918

Ion Ratio Lower Upper

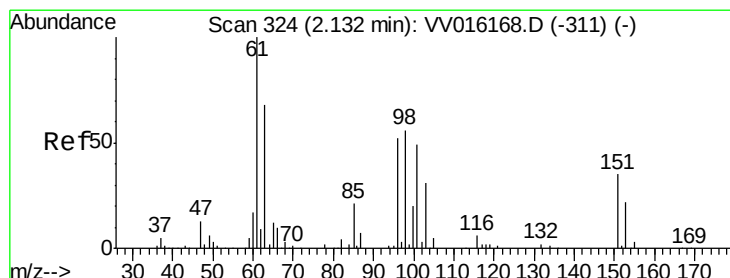
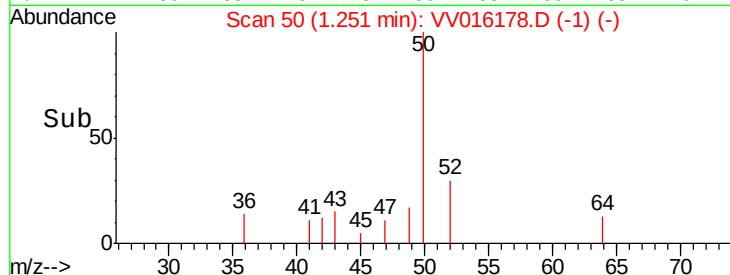
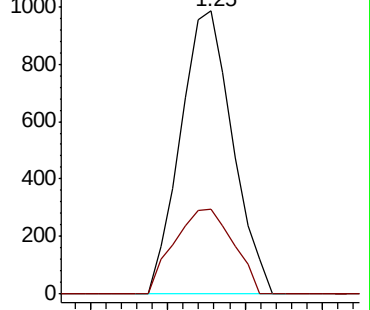
50 100

52 30.0 22.8 42.4



Abundance Ion 50.05 (49.75 to 50.75): VV016178.D (-41) (-)

Ion 52.05 (51.75 to 52.75): VV016178.D (-41) (-)



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.073 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV016178.D

Acq: 22 May 2020 18:09

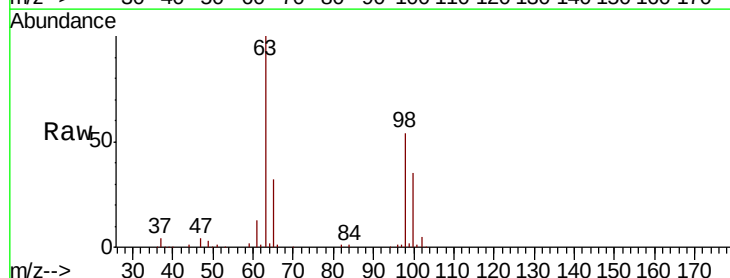
Tgt Ion: 101 Resp: 549

Ion Ratio Lower Upper

101 100

85 0.0 35.7 53.5#

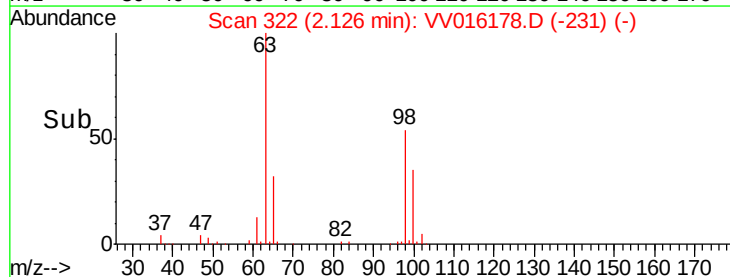
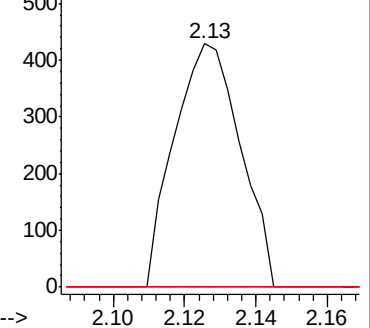
151 0.0 58.0 87.0#

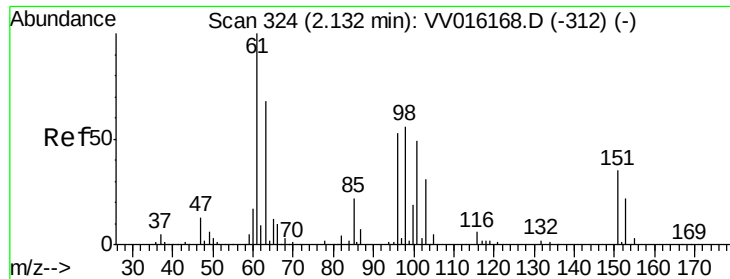


Abundance Ion 101.00 (100.70 to 101.70): VV016178.D (-311) (-)

Ion 85.00 (84.70 to 85.70): VV016178.D (-311) (-)

Ion 151.00 (150.70 to 151.70): VV016178.D (-311) (-)

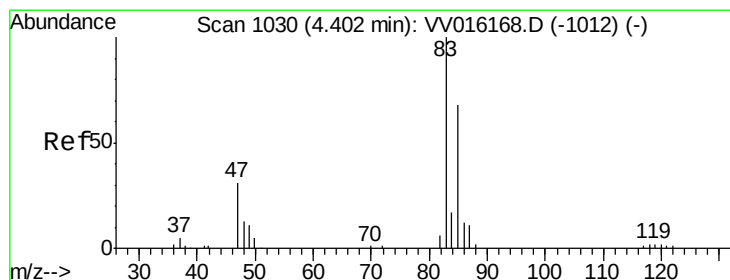
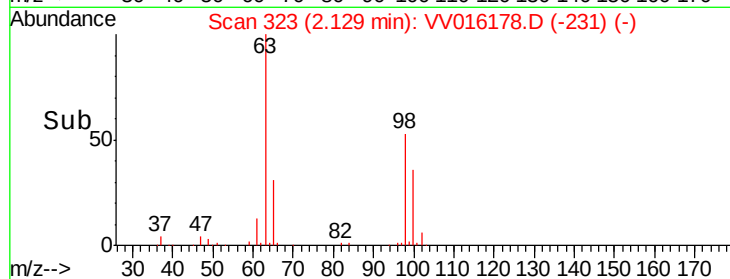
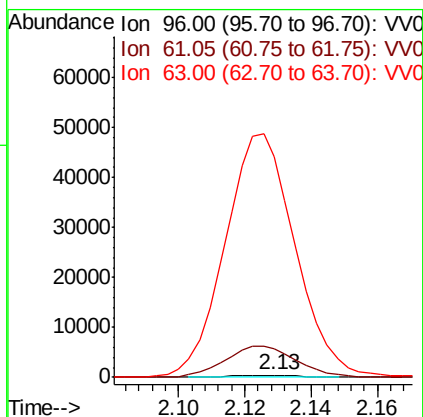
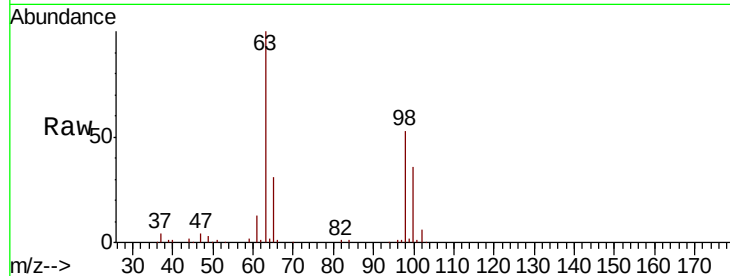




#12
 1,1-Dichloroethene
 Concen: 0.084 ug/L
 RT: 2.13 min Scan# 323
 Delta R.T. -0.00 min
 Lab File: VV016178.D
 Acq: 22 May 2020 18:09

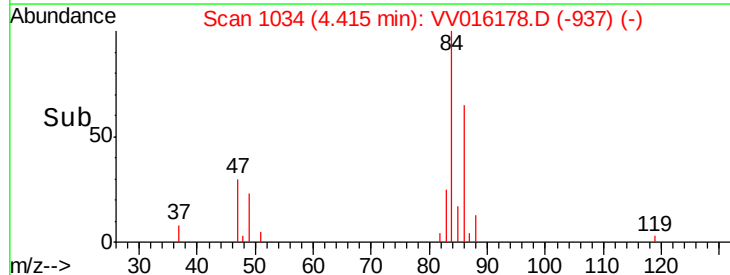
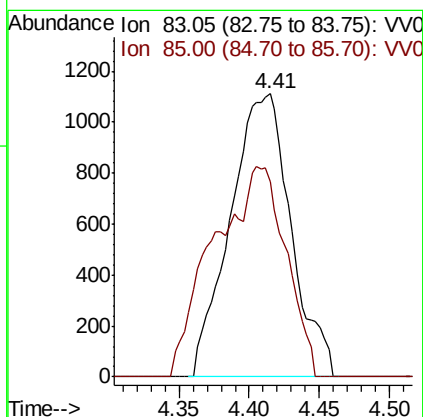
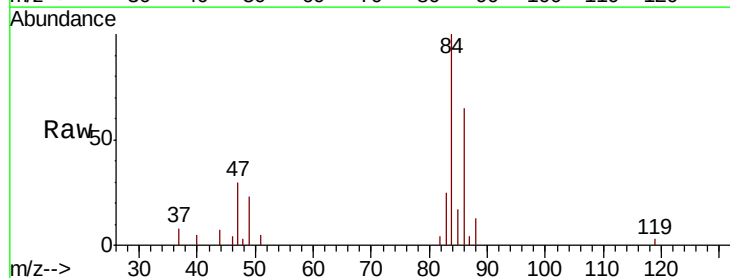
Instrument :
 MSVOA_V
 ClientSampled :

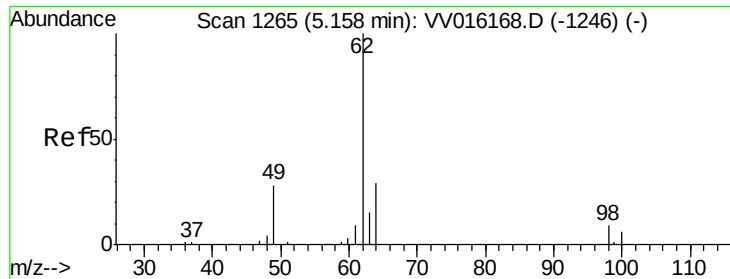
Tot Ion: 96 Resp: 606
 Ion Ratio Lower Upper
 96 100
 61 1306.9 139.9 259.7#
 63 10183.8 106.4 197.6#



#25
 Chloroform
 Concen: 0.199 ug/L
 RT: 4.41 min Scan# 1034
 Delta R.T. 0.01 min
 Lab File: VV016178.D
 Acq: 22 May 2020 18:09

Tgt Ion: 83 Resp: 3339
 Ion Ratio Lower Upper
 83 100
 85 69.0 45.7 84.9

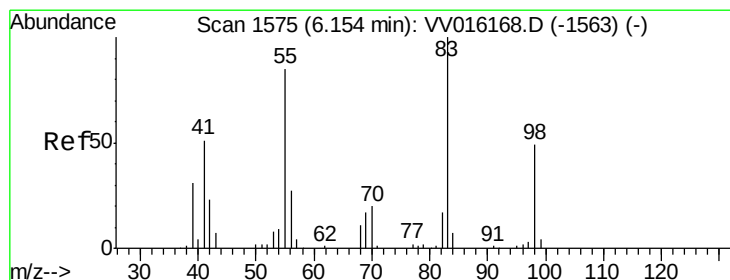
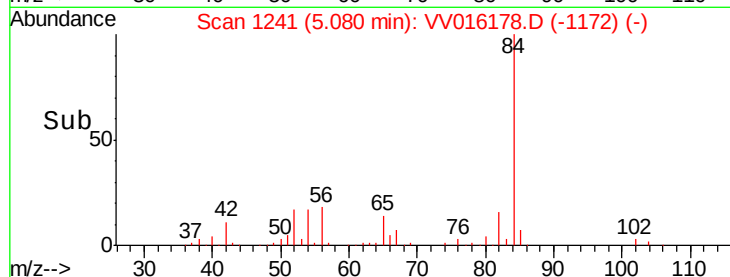
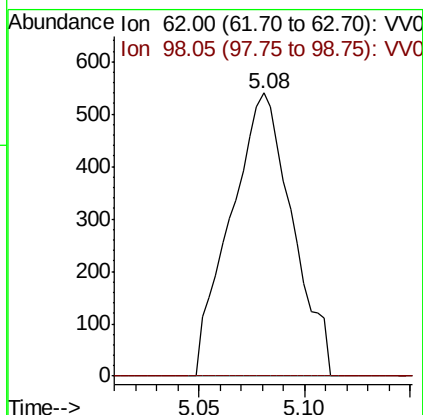
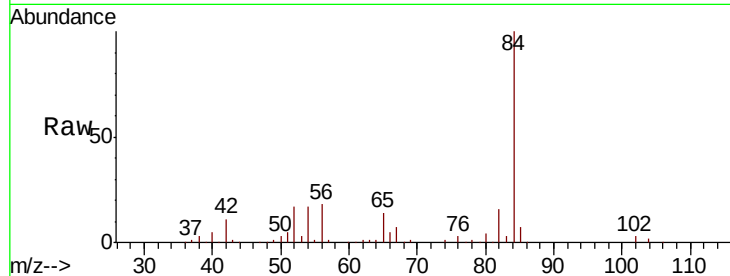




#27
 1,2-Dichloroethane
 Concen: 0.106 ug/L
 RT: 5.08 min Scan# 1241
 Delta R.T. -0.08 min
 Lab File: VV016178.D
 Acq: 22 May 2020 18:09

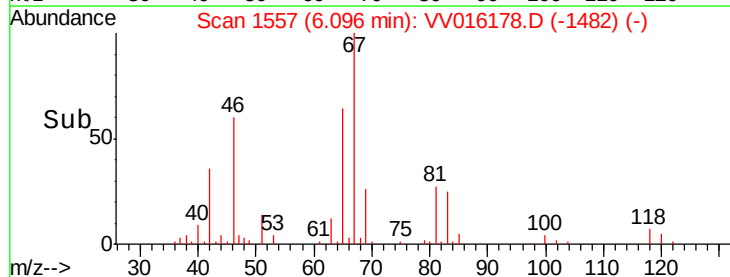
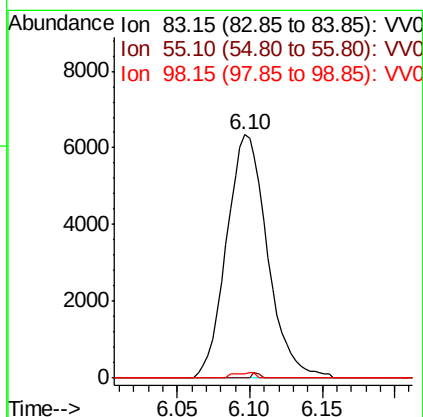
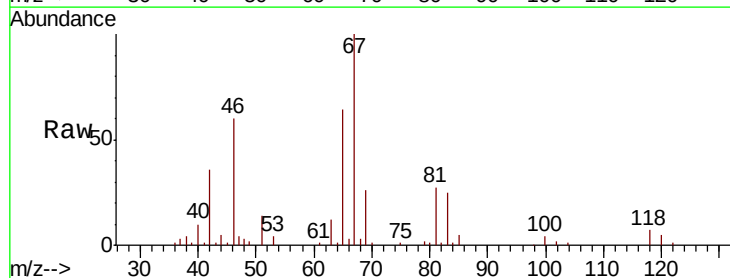
Instrument :
 MSVOA_V
 ClientSampleId :

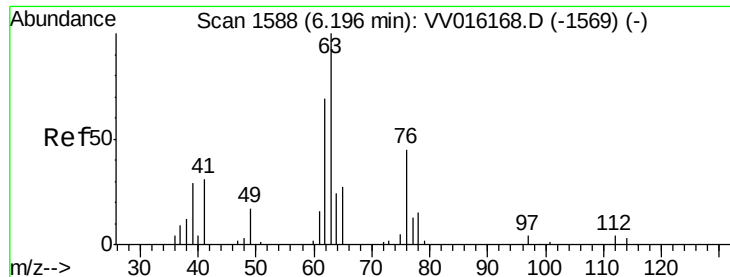
Tot Ion: 62 Resp: 1096
 Ion Ratio Lower Upper
 62 100
 98 0.0 6.7 10.1#



#35
 Methylcyclohexane
 Concen: 0.904 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.06 min
 Lab File: VV016178.D
 Acq: 22 May 2020 18:09

Tgt Ion: 83 Resp: 12432
 Ion Ratio Lower Upper
 83 100
 55 0.4 66.2 99.2#
 98 1.1 37.9 56.9#

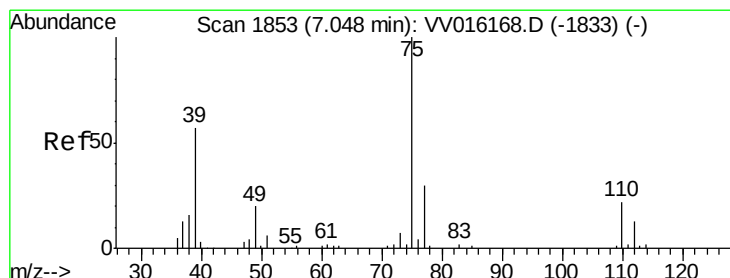
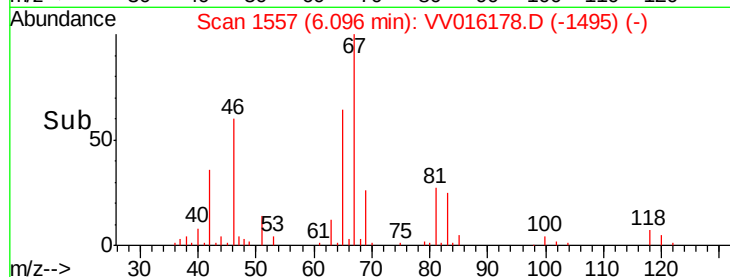
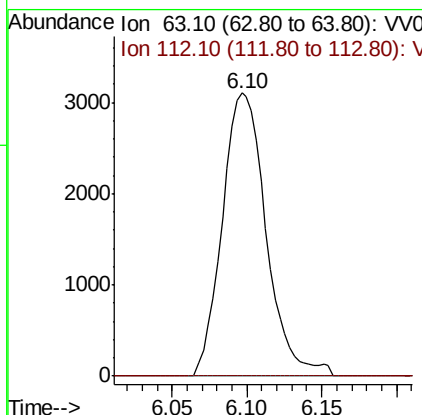
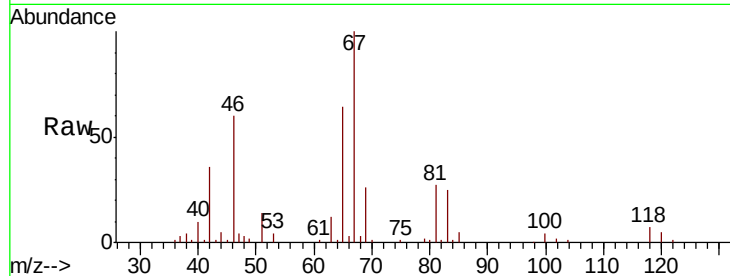




#37
 1,2-Dichloropropane
 Concen: 0.783 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.10 min
 Lab File: VV016178.D
 Acq: 22 May 2020 18:09

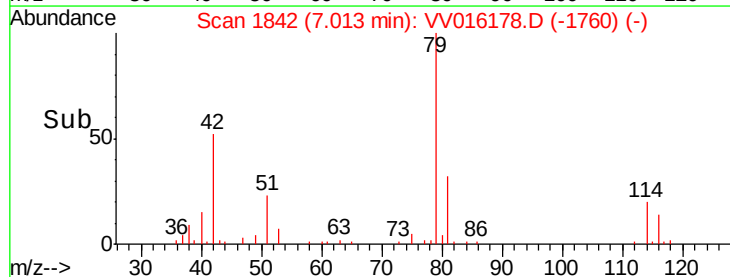
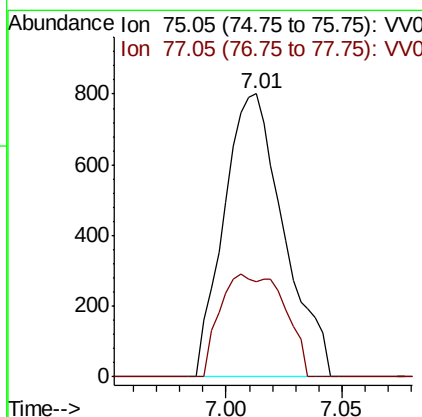
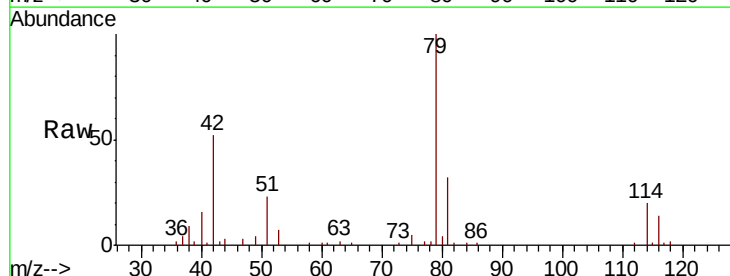
Instrument :
 MSVOA_V
 ClientSampleId :

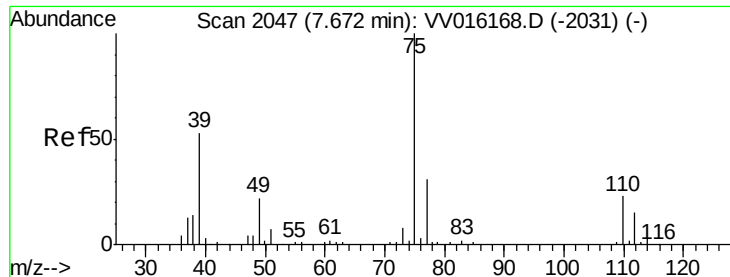
Tot Ion: 63 Resp: 6332
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.0#



#39
 cis-1,3-Dichloropropene
 Concen: 0.125 ug/L
 RT: 7.01 min Scan# 1842
 Delta R.T. -0.04 min
 Lab File: VV016178.D
 Acq: 22 May 2020 18:09

Tgt Ion: 75 Resp: 1432
 Ion Ratio Lower Upper
 75 100
 77 33.6 21.3 39.5





#46

trans-1,3-Dichloropropene

Concen: 0.083 ug/L

RT: 7.65 min Scan# 2040

Delta R.T. -0.02 min

Lab File: VV016178.D

Acq: 22 May 2020 18:09

Instrument :

MSVOA_V

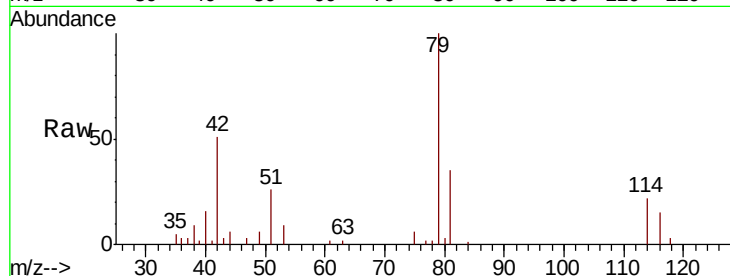
ClientSampleId :

Tot Ion: 75 Resp: 806

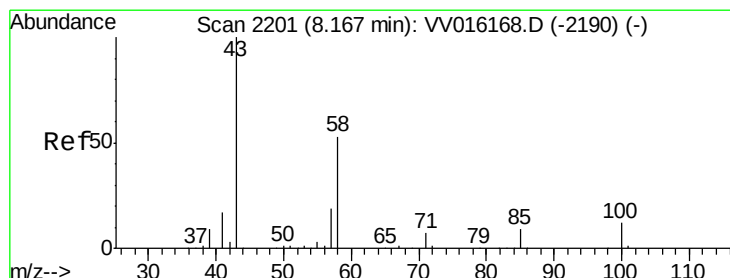
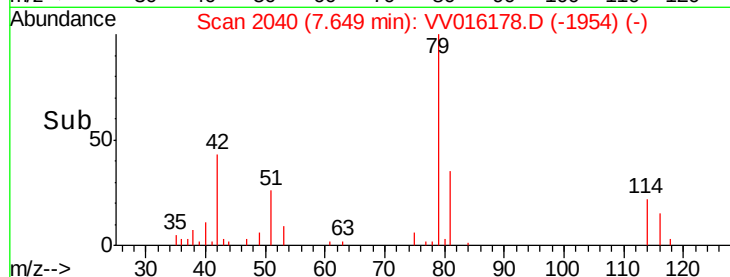
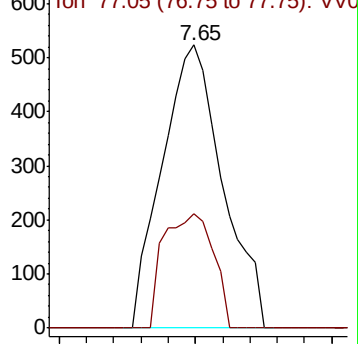
Ion Ratio Lower Upper

75 100

77 40.3 21.3 39.6#



Abundance Ion 75.05 (74.75 to 75.75): VV016178.D (-2031) (-)



#50

2-Hexanone

Concen: 2.725 ug/L

RT: 8.12 min Scan# 2185

Delta R.T. -0.05 min

Lab File: VV016178.D

Acq: 22 May 2020 18:09

Tgt Ion: 43 Resp: 9718

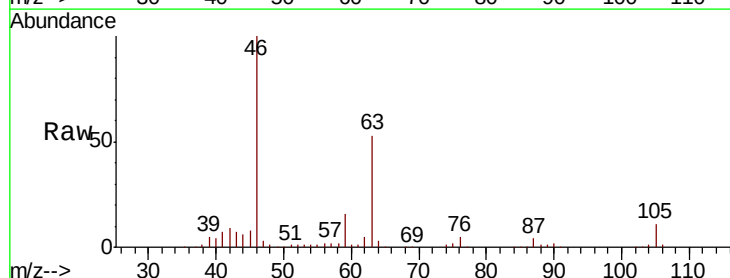
Ion Ratio Lower Upper

43 100

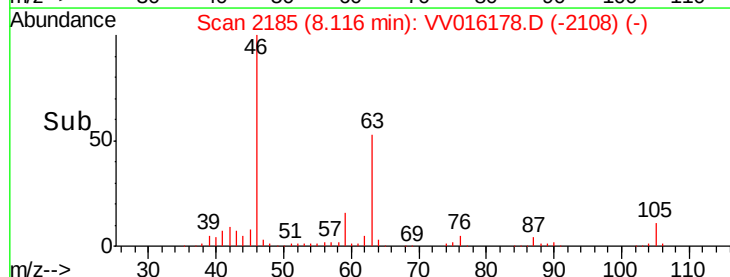
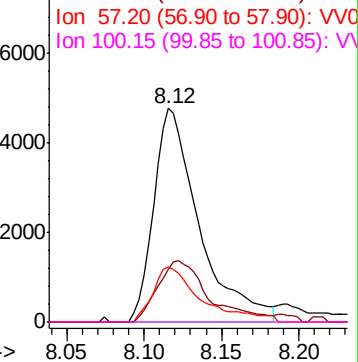
58 32.4 40.8 61.2#

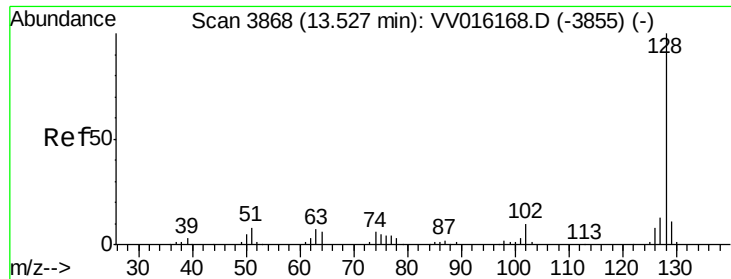
57 27.2 14.7 22.1#

100 0.0 9.0 13.6#



Abundance Ion 43.05 (42.75 to 43.75): VV016178.D (-2190) (-)





#70

Naphthalene

Concen: 1.840 ug/L

RT: 13.53 min Scan# 3868

Delta R.T. 0.00 min

Lab File: VV016178.D

Acq: 22 May 2020 18:09

Instrument :

MSVOA_V

ClientSampleId :

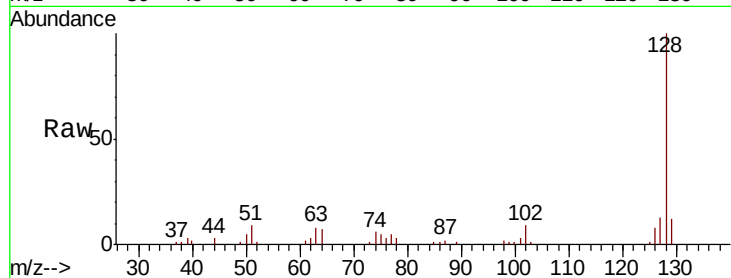
Tot Ion:128 Resp: 29583

Ion Ratio Lower Upper

128 100

129 11.1 8.5 12.7

127 12.9 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

