

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042720\
 Data File : VV015718.D
 Acq On : 27 Apr 2020 10:54
 Operator : SY/MD
 Sample : VU0427WBL01
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 28 02:18:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Apr 28 02:16:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	129149	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	124247	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	58628	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	25727	3.81	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.20%
7) Chloroethane-d5	1.57	69	28289	4.35	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.00%
11) 1,1-Dichloroethene-d2	2.12	63	45948	3.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.20%
20) 2-Butanone-d5	3.94	46	110704	51.08	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.16%
24) Chloroform-d	4.37	84	72005	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.60%
26) 1,2-Dichloroethane-d4	5.06	65	43759	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.40%
32) Benzene-d6	5.07	84	138684	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.60%
36) 1,2-Dichloropropane-d6	6.09	67	44924	4.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.80%
41) Toluene-d8	7.34	98	123991	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.00%
43) trans-1,3-Dichloropropene-	7.64	79	14773	4.03	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.60%
46) 2-Hexanone-d5	8.11	63	79174	44.31	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.62%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	33470	4.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.80%
64) 1,2-Dichlorobenzene-d4	11.65	152	48907	4.91	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.20%

Target Compounds

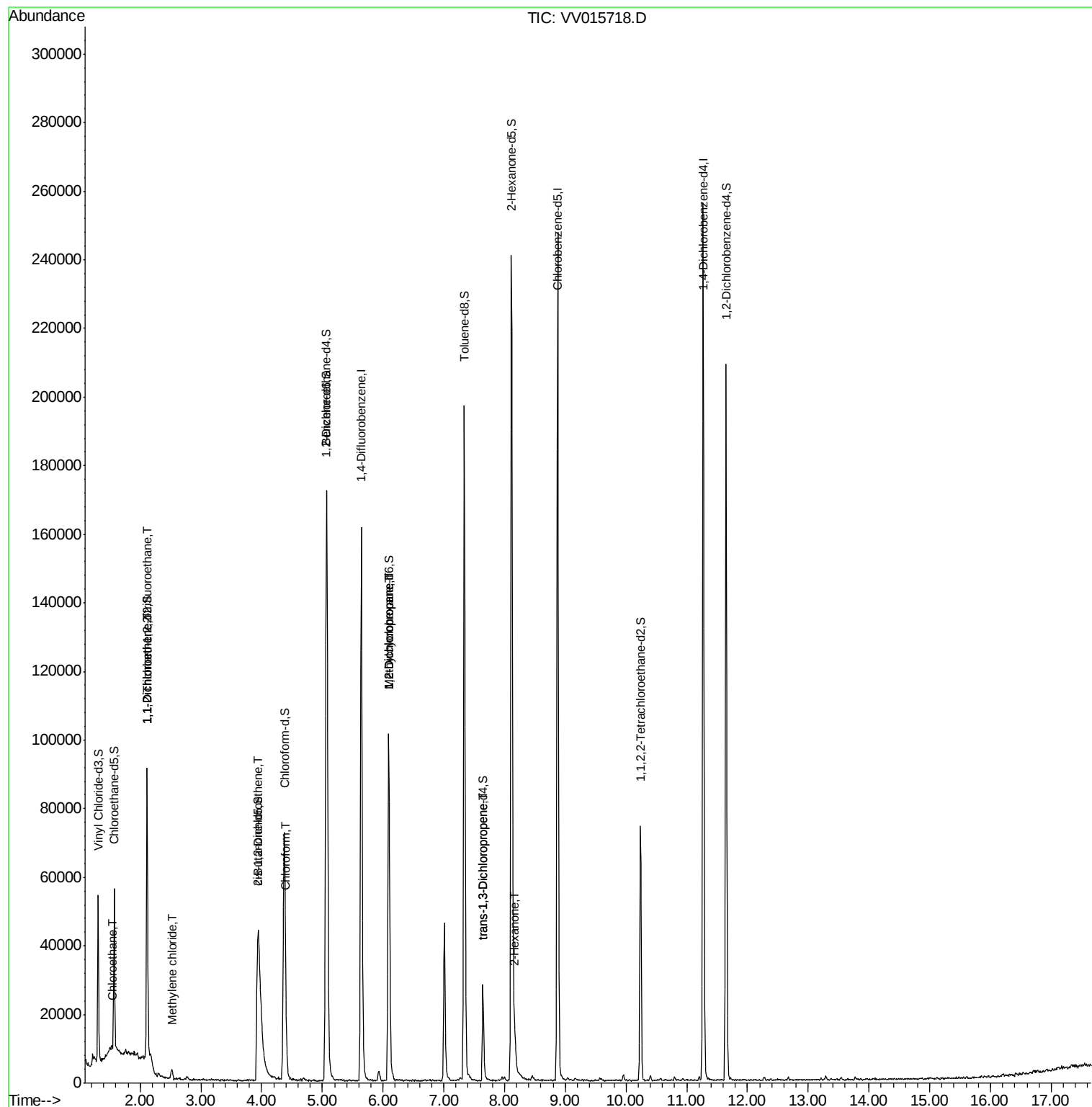
					Ovalue
8) Chloroethane	1.53	64	747	0.111 ug/L #	53
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	632	0.078 ug/L #	30
12) 1,1-Dichloroethene	2.12	96	612	0.081 ug/L #	1
16) Methylene chloride	2.52	84	1075	0.116 ug/L	95
22) cis-1,2-Dichloroethene	3.93	96	581	0.062 ug/L	91
25) Chloroform	4.40	83	4386	0.250 ug/L	82
35) Methylcyclohexane	6.09	83	11412	0.758 ug/L #	16
37) 1,2-Dichloropropane	6.10	63	5801	0.643 ug/L #	86
44) trans-1,3-Dichloropropene	7.64	75	1225	0.116 ug/L	99
48) 2-Hexanone	8.17	43	5350	1.281 ug/L #	95

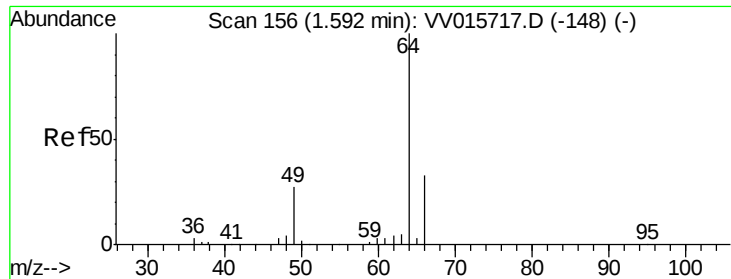
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Acq On : 27 Apr 2020 10:54
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Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
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Quant Time: Apr 28 02:18:27 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
Quant Title : TRACE VOA SOM01.0
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Response via : Initial Calibration

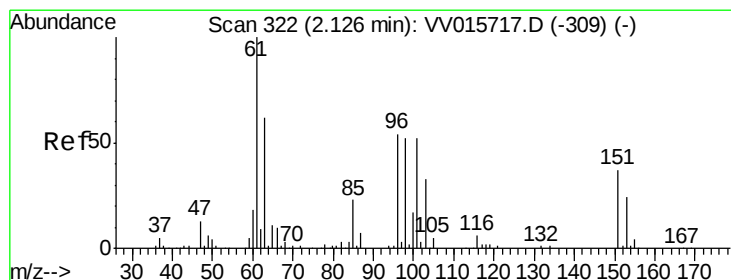
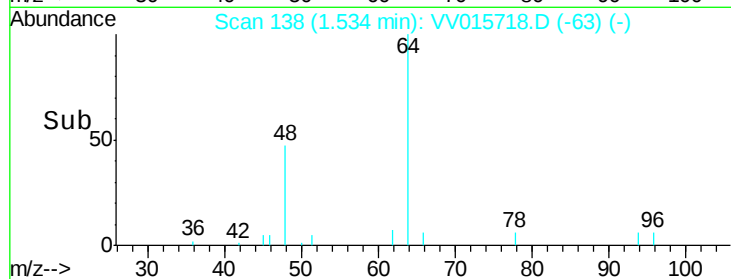
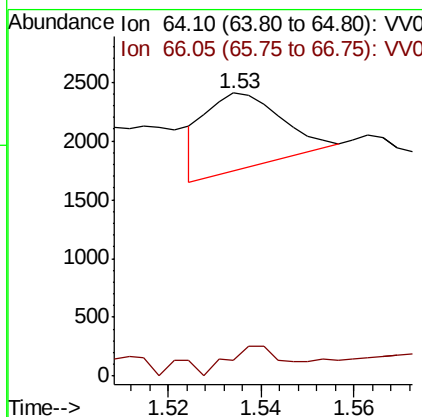
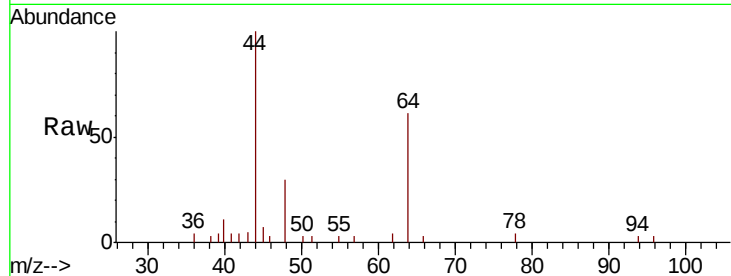




#8
 Chloroethane
 Concen: 0.111 ug/L
 RT: 1.53 min Scan# 138
 Delta R.T. -0.06 min
 Lab File: VV015718.D
 Acq: 27 Apr 2020 10:54

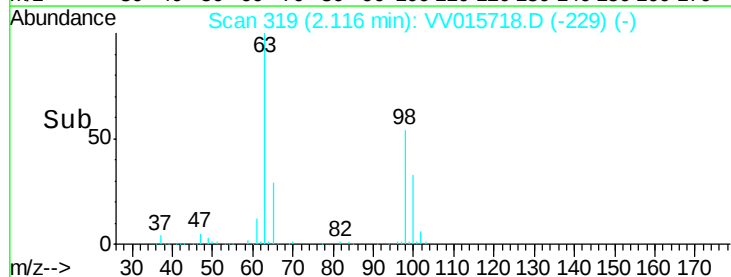
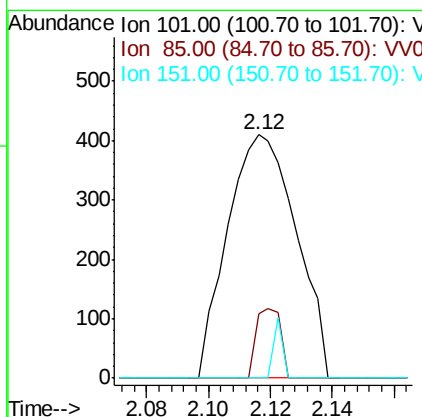
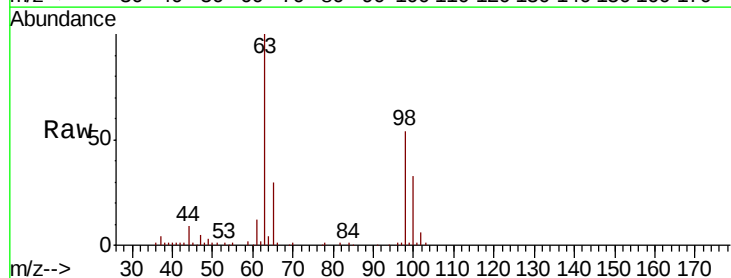
Instrument :
 MSVOA_V
 ClientSampled :

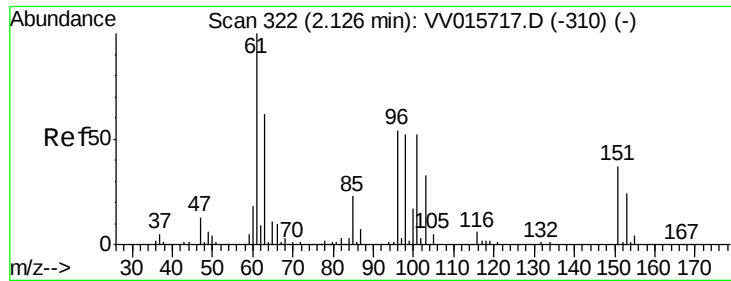
Tot Ion: 64 Resp: 747
 Ion Ratio Lower Upper
 64 100
 66 5.5 22.3 41.5#



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.078 ug/L
 RT: 2.12 min Scan# 319
 Delta R.T. -0.01 min
 Lab File: VV015718.D
 Acq: 27 Apr 2020 10:54

Tgt Ion:101 Resp: 632
 Ion Ratio Lower Upper
 101 100
 85 10.3 36.1 54.1#
 151 3.2 55.2 82.8#





#12

1,1-Dichloroethene

Concen: 0.081 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.01 min

Lab File: VV015718.D

Acq: 27 Apr 2020 10:54

Instrument :
MSVOA_V
ClientSampled :

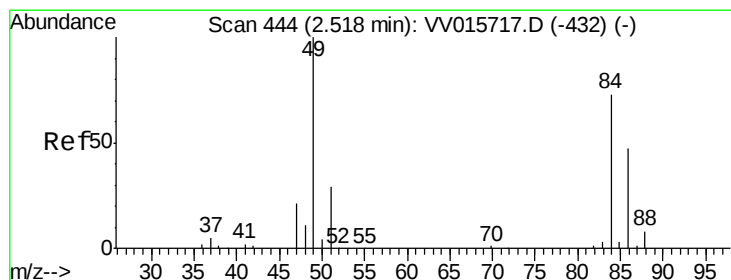
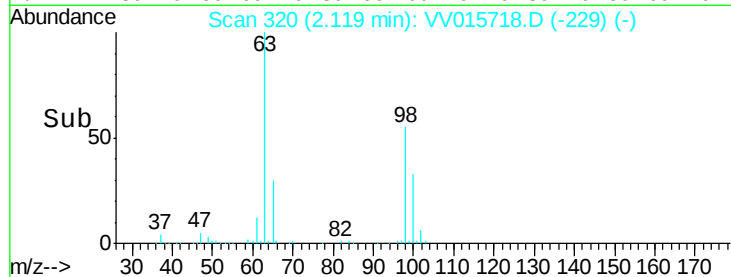
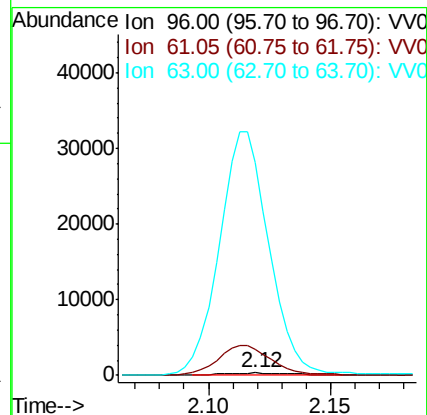
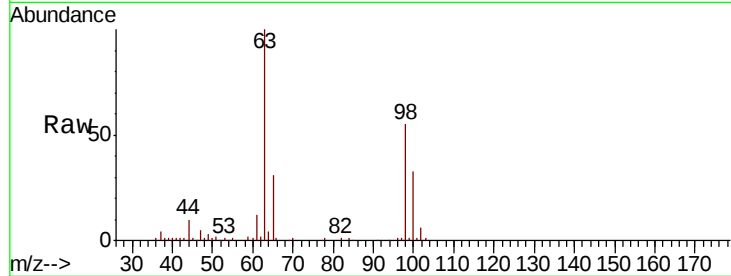
Tot Ion: 96 Resp: 612

Ion Ratio Lower Upper

96 100

61 1054.3 130.1 241.7#

63 8635.6 91.4 169.8#



#16

Methylene chloride

Concen: 0.116 ug/L

RT: 2.52 min Scan# 444

Delta R.T. 0.00 min

Lab File: VV015718.D

Acq: 27 Apr 2020 10:54

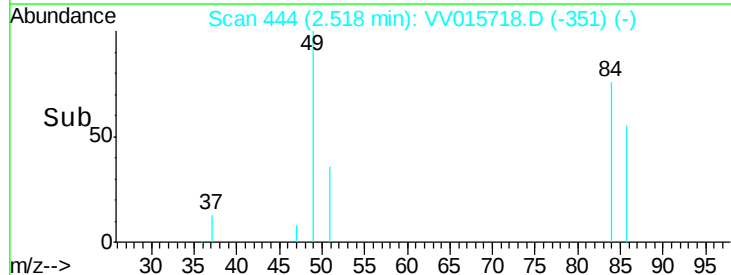
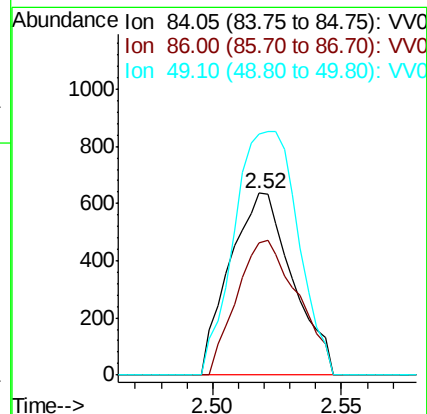
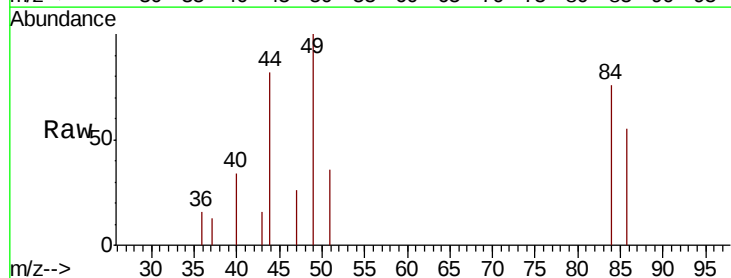
Tgt Ion: 84 Resp: 1075

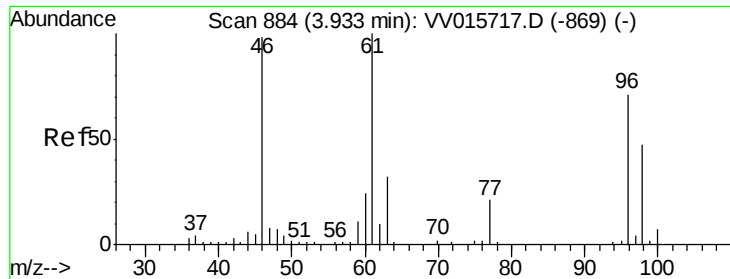
Ion Ratio Lower Upper

84 100

86 72.8 45.1 83.7

49 132.4 94.4 175.4



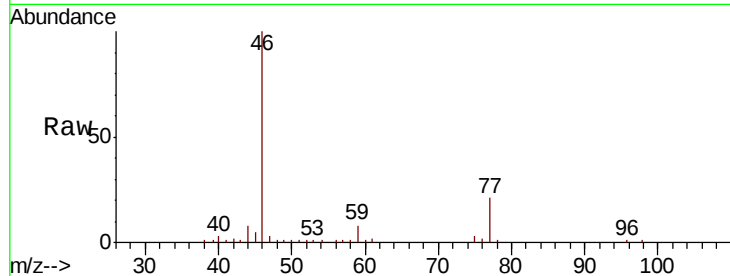


#22

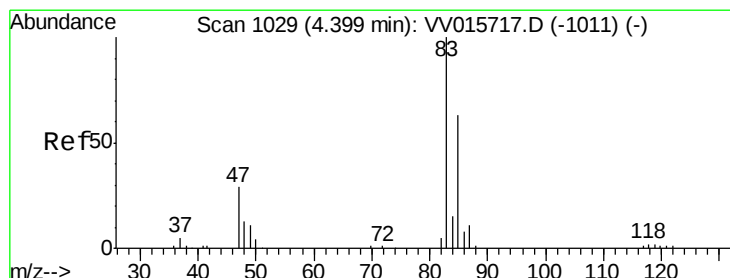
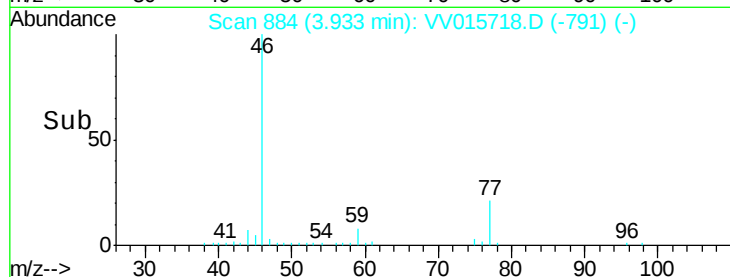
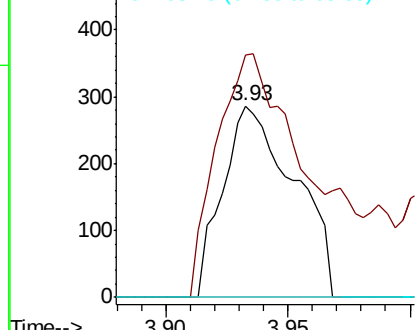
cis-1,2-Dichloroethene
Concen: 0.062 ug/L
RT: 3.93 min Scan# 884
Delta R.T. 0.00 min
Lab File: VV015718.D
Acq: 27 Apr 2020 10:54

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 96 Resp: 581
Ion Ratio Lower Upper
96 100
61 126.9 96.4 179.0
68 0.0 0.0 0.0



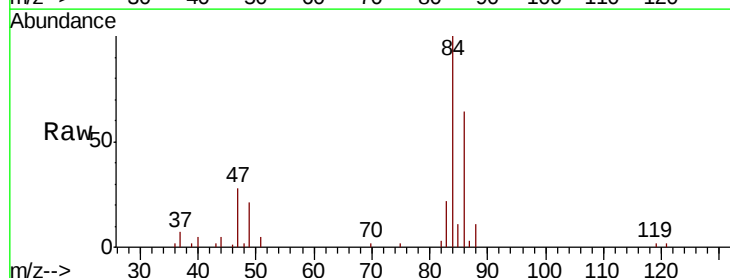
Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.05 (60.75 to 61.75): VV0
Ion 68.15 (67.85 to 68.85): VV0



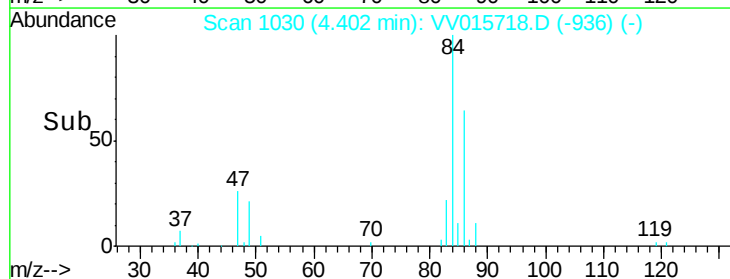
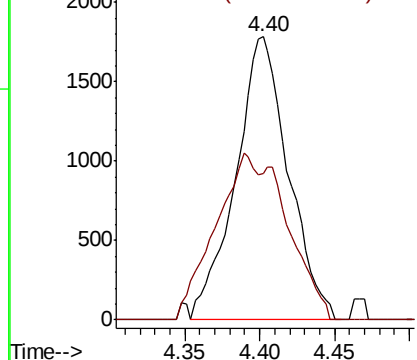
#25

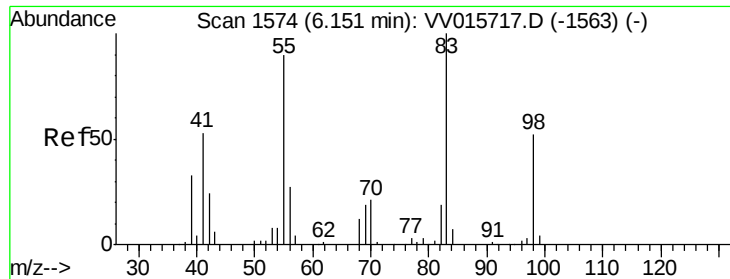
Chloroform
Concen: 0.250 ug/L
RT: 4.40 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VV015718.D
Acq: 27 Apr 2020 10:54

Tgt Ion: 83 Resp: 4386
Ion Ratio Lower Upper
83 100
85 51.7 46.1 85.5



Abundance Ion 83.05 (82.75 to 83.75): VV0
Ion 85.00 (84.70 to 85.70): VV0

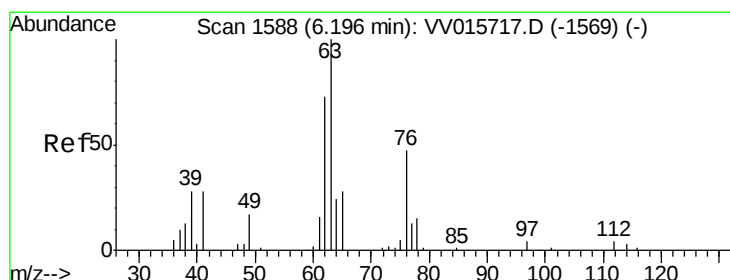
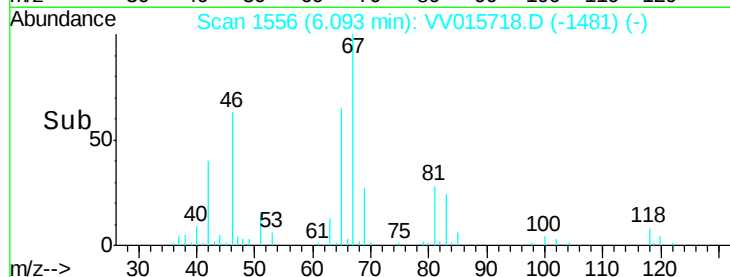
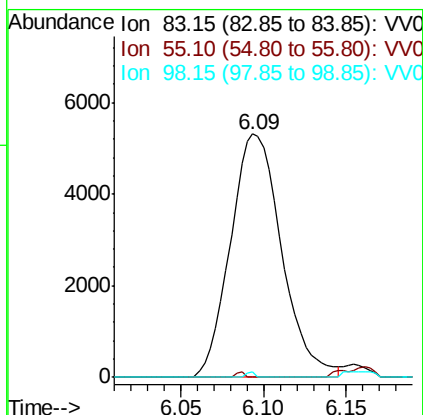
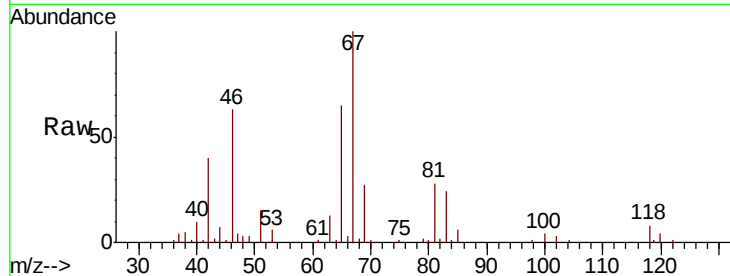




#35
Methvlcvclohexane
Concen: 0.758 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV015718.D
Acq: 27 Apr 2020 10:54

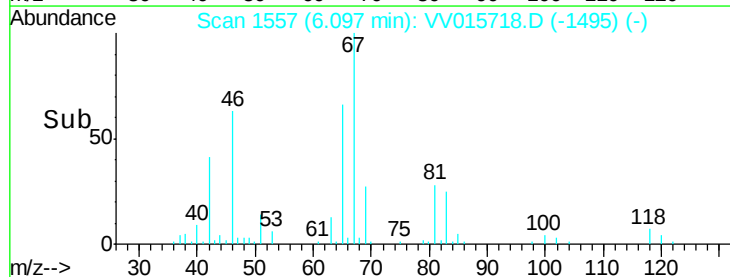
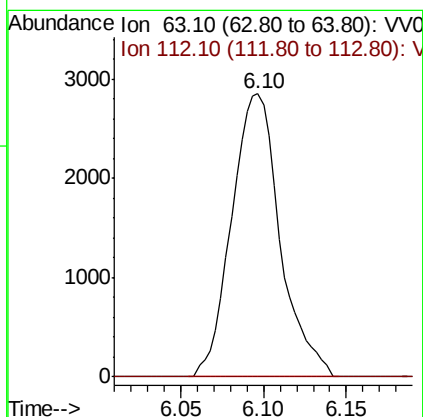
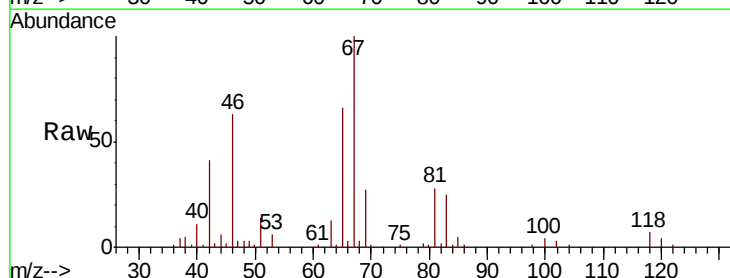
Instrument :
MSVOA_V
ClientSampleId :

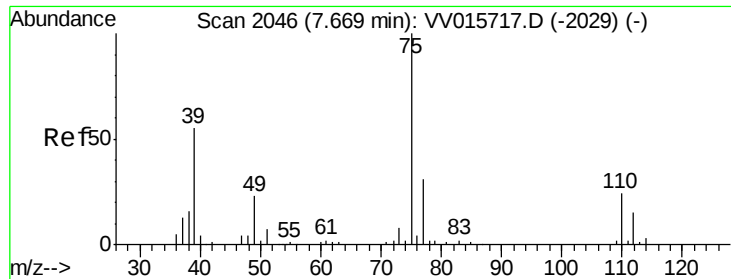
Tot Ion: 83 Resp: 11412
Ion Ratio Lower Upper
83 100
55 0.4 66.6 99.8#
98 0.4 39.5 59.3#



#37
1,2-Dichloropropane
Concen: 0.643 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.10 min
Lab File: VV015718.D
Acq: 27 Apr 2020 10:54

Tgt Ion: 63 Resp: 5801
Ion Ratio Lower Upper
63 100
112 0.0 3.6 5.4#

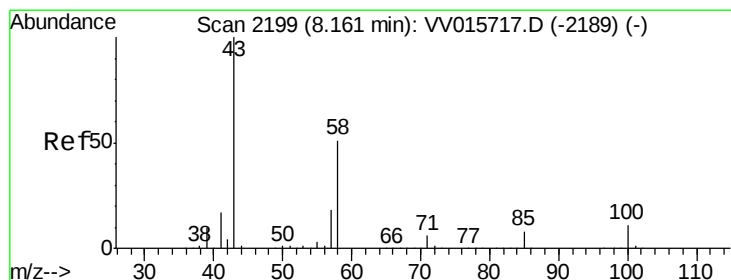
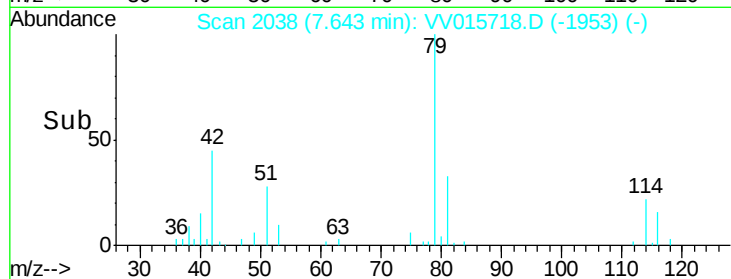
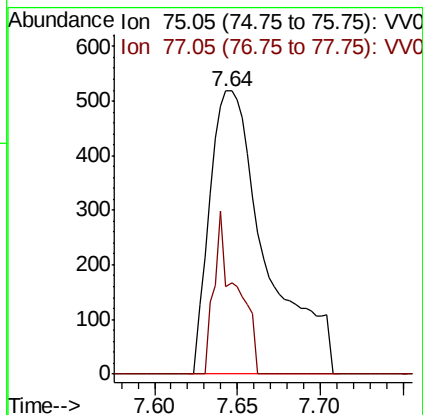
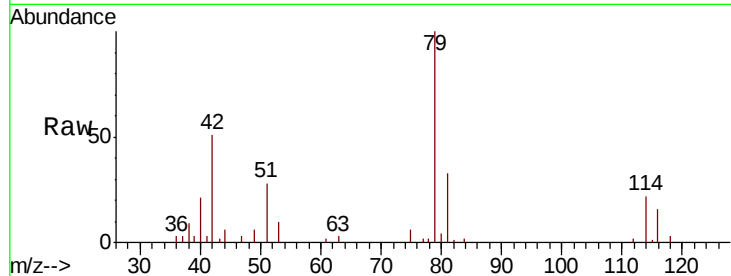




#44
trans-1,3-Dichloropropene
Concen: 0.116 ug/L
RT: 7.64 min Scan# 2038
Delta R.T. -0.03 min
Lab File: VV015718.D
Acq: 27 Apr 2020 10:54

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 75 Resp: 1225
Ion Ratio Lower Upper
75 100
77 30.7 21.8 40.6



#48
2-Hexanone
Concen: 1.281 ug/L
RT: 8.17 min Scan# 2201
Delta R.T. 0.01 min
Lab File: VV015718.D
Acq: 27 Apr 2020 10:54

Tgt Ion: 43 Resp: 5350
Ion Ratio Lower Upper
43 100
58 54.2 41.1 61.7
57 17.0 15.0 22.4
100 7.9 9.0 13.4#

