

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050820\
 Data File : VV015972.D
 Acq On : 08 May 2020 17:54
 Operator : SY/MD
 Sample : L2520-13
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 09 00:50:49 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat May 09 00:44:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	146588	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	144828	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	67601	5.00	ug/L	0.00

System Monitoring Compounds

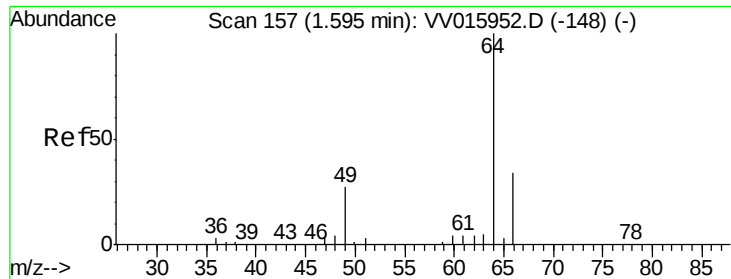
4) Vinyl Chloride-d3	1.32	65	34216	4.30	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.00%
7) Chloroethane-d5	1.58	69	33701	4.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.40%
11) 1,1-Dichloroethene-d2	2.12	63	57640	3.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.40%
20) 2-Butanone-d5	3.92	46	115956	51.12	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.24%
24) Chloroform-d	4.38	84	80774	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
26) 1,2-Dichloroethane-d4	5.06	65	48526	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.40%
32) Benzene-d6	5.08	84	161056	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
36) 1,2-Dichloropropane-d6	6.10	67	51518	4.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.00%
41) Toluene-d8	7.34	98	144455	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.60%
45) trans-1,3-Dichloropropene-	7.65	79	16919	4.10	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.00%
48) 2-Hexanone-d5	8.11	63	86275	47.57	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.14%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	35293	4.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.40%
65) 1,2-Dichlorobenzene-d4	11.65	152	54862	5.00	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.00%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.35	64	27949	3.607	ug/L #	51
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	622	0.074	ug/L #	20
12) 1,1-Dichloroethene	2.14	96	6240	0.774	ug/L #	8
13) Acetone	2.20	43	1690	1.129	ug/L #	40
25) Chloroform	4.41	83	5754	0.304	ug/L	98
29) 1,1,1-Trichloroethane	4.63	97	3874	0.243	ug/L	94
34) Trichloroethene	5.94	95	1257	0.121	ug/L	92
35) Methylcyclohexane	6.10	83	12680	0.806	ug/L #	17
37) 1,2-Dichloropropane	6.09	63	6390	0.690	ug/L #	90
39) cis-1,3-Dichloropropene	7.01	75	1508	0.115	ug/L #	61
46) trans-1,3-Dichloropropene	7.65	75	822	0.074	ug/L	83
49) Tetrachloroethene	8.00	164	8483	1.169	ug/L	95
50) 2-Hexanone	8.17	43	5954	1.459	ug/L #	79
51) Dibromochloromethane	8.00	129	8079	1.163	ug/L #	9

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

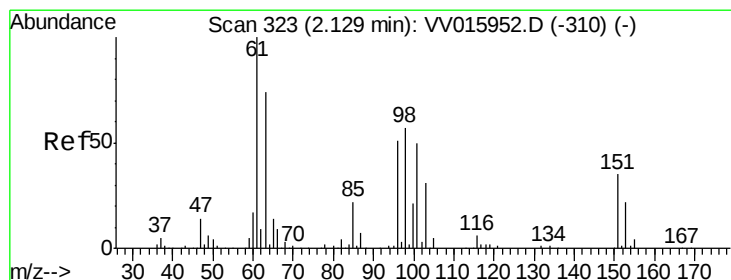
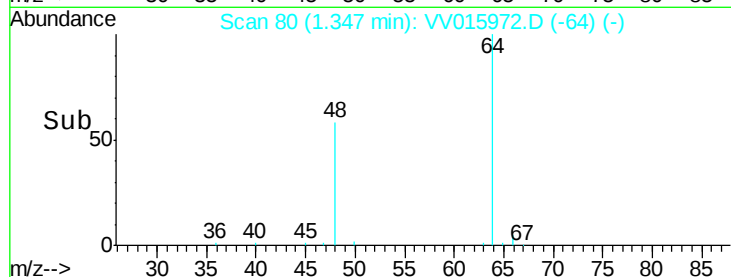
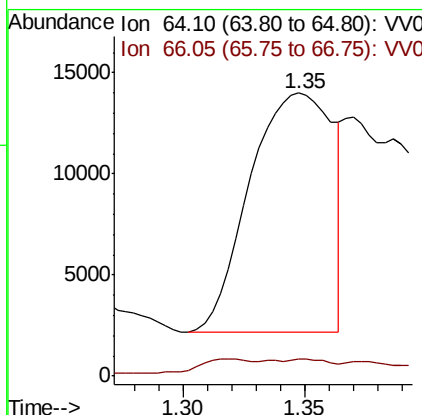
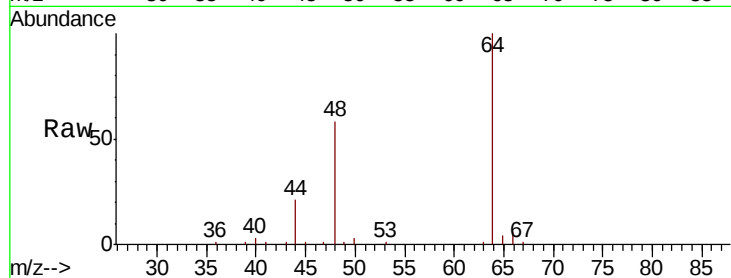
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV050820\
Data File : VV015972.D
Acq On : 08 May 2020 17:54
Operator : SY/MD
Sample : L2520-13
Misc : 25.0mL/MSVOA V/WATER
ALS Vial : 23 Sample Multiplier: 1



#8
 Chloroethane
 Concen: 3.607 ug/L
 RT: 1.35 min Scan# 80
 Delta R.T. -0.25 min
 Lab File: VV015972.D
 Acq: 08 May 2020 17:54

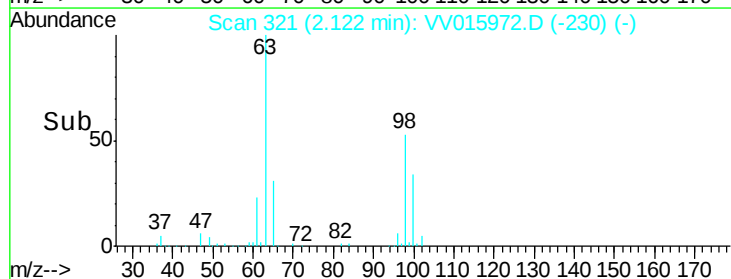
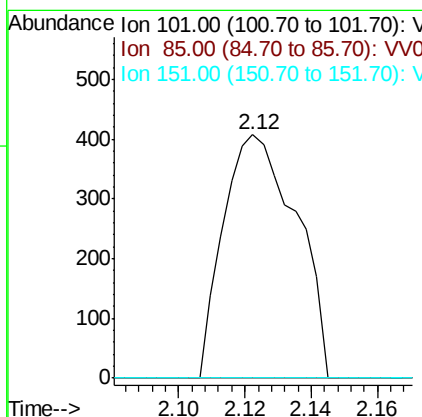
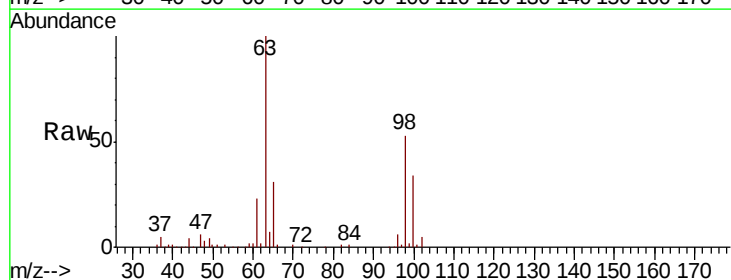
Instrument :
 MSVOA_V
 ClientSampleId :

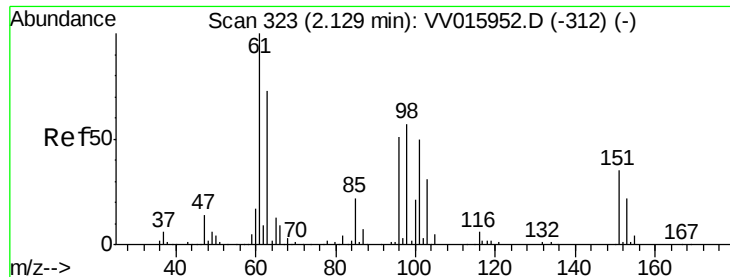
Tot Ion: 64 Resp: 27949
 Ion Ratio Lower Upper
 64 100
 66 6.0 23.6 43.8#



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.074 ug/L
 RT: 2.12 min Scan# 321
 Delta R.T. -0.01 min
 Lab File: VV015972.D
 Acq: 08 May 2020 17:54

Tgt Ion:101 Resp: 622
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.7 53.5#
 151 0.0 58.0 87.0#

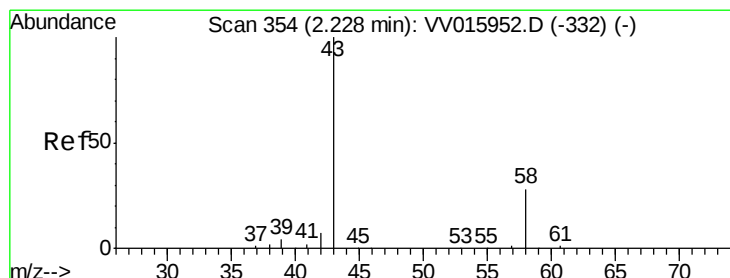
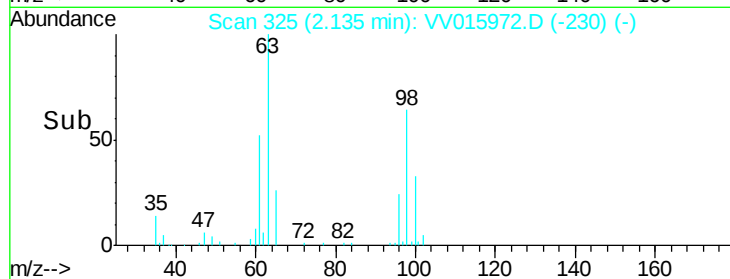
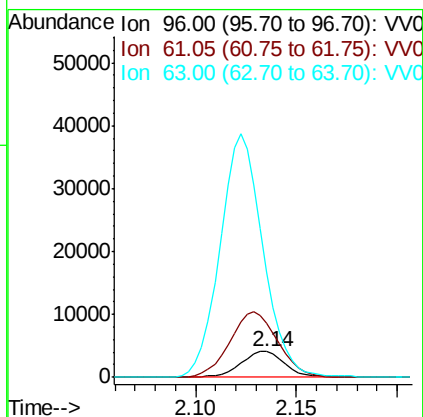
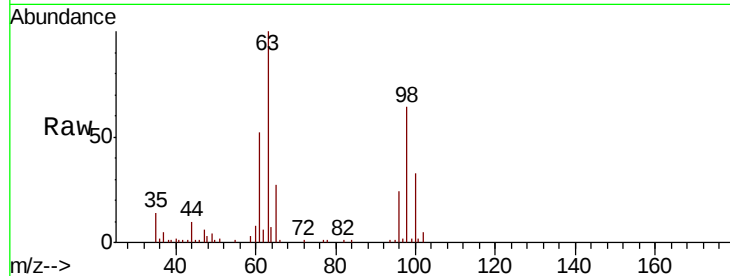




#12
 1,1-Dichloroethene
 Concen: 0.774 ug/L
 RT: 2.14 min Scan# 325
 Delta R.T. 0.01 min
 Lab File: VV015972.D
 Acq: 08 May 2020 17:54

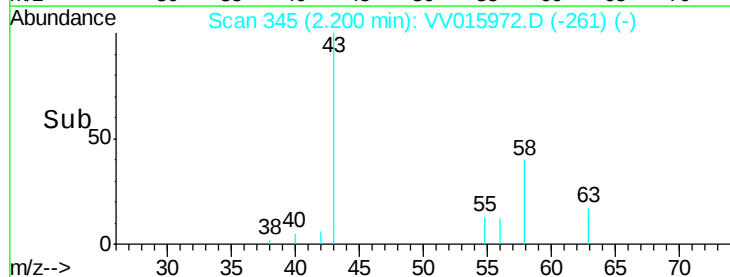
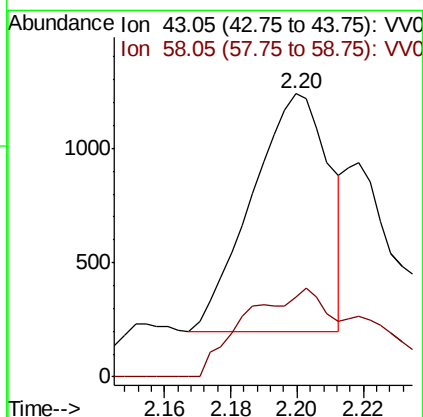
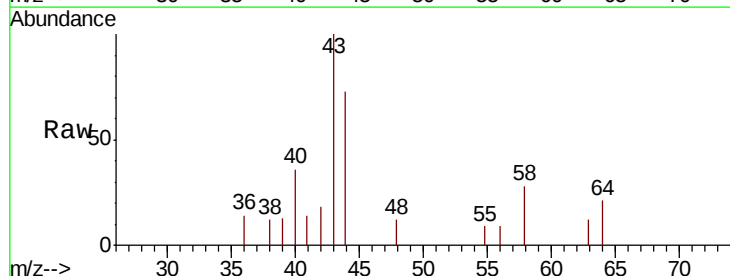
Instrument :
 MSVOA_V
 ClientSampled :

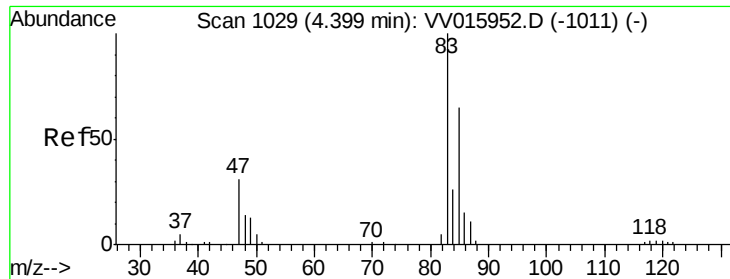
Tot Ion: 96 Resp: 6240
 Ion Ratio Lower Upper
 96 100
 61 211.8 139.9 259.7
 63 411.0 106.4 197.6#



#13
 Acetone
 Concen: 1.129 ug/L
 RT: 2.20 min Scan# 345
 Delta R.T. -0.03 min
 Lab File: VV015972.D
 Acq: 08 May 2020 17:54

Tgt Ion: 43 Resp: 1690
 Ion Ratio Lower Upper
 43 100
 58 40.7 0.0 30.8#

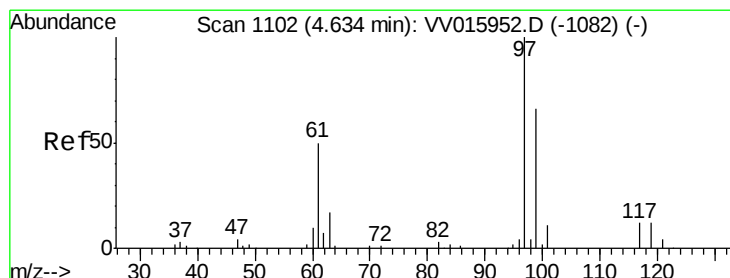
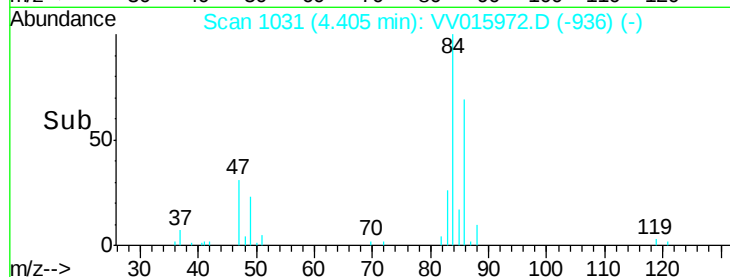
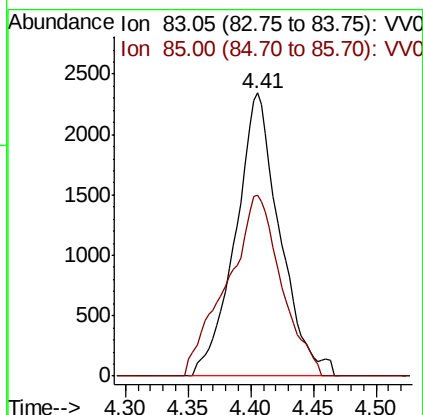
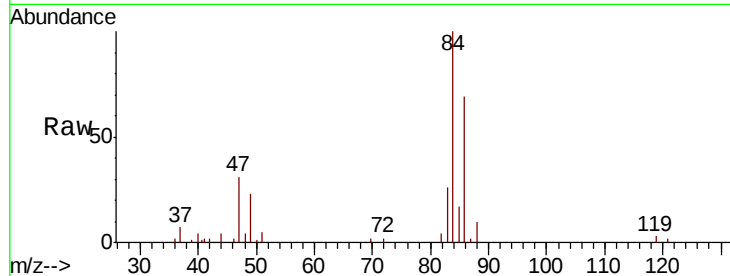




#25
Chloroform
Concen: 0.304 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.01 min
Lab File: VV015972.D
Acq: 08 May 2020 17:54

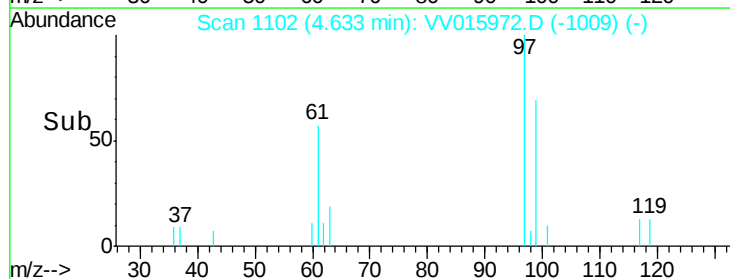
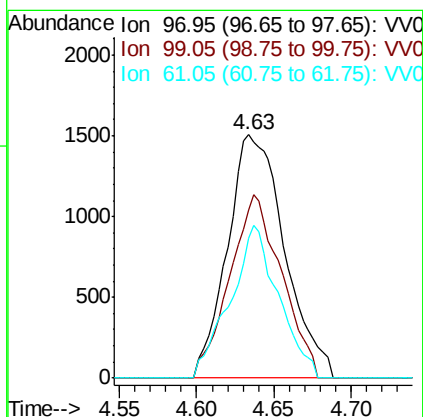
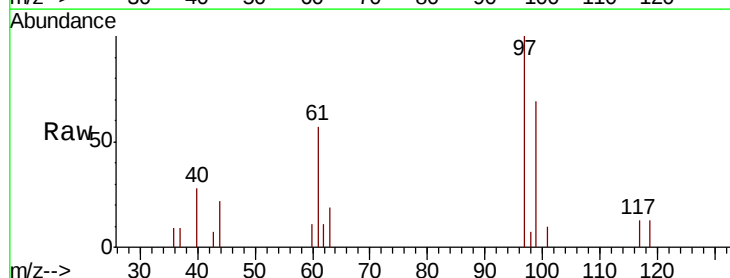
Instrument :
MSVOA_V
ClientSampled :

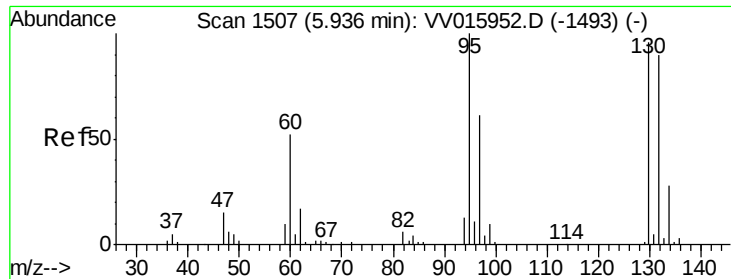
Tot Ion: 83 Resp: 5754
Ion Ratio Lower Upper
83 100
85 63.9 45.7 84.9



#29
1,1,1-Trichloroethane
Concen: 0.243 ug/L
RT: 4.63 min Scan# 1102
Delta R.T. -0.00 min
Lab File: VV015972.D
Acq: 08 May 2020 17:54

Tgt Ion: 97 Resp: 3874
Ion Ratio Lower Upper
97 100
99 68.2 50.7 76.1
61 52.9 38.8 58.2

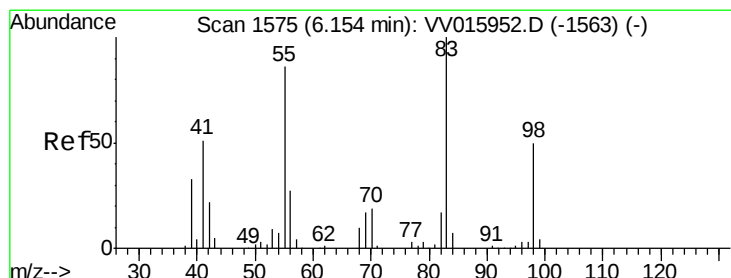
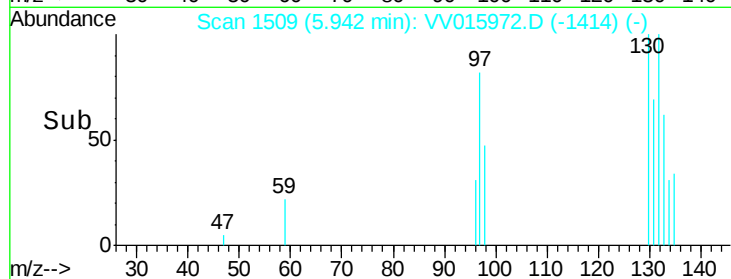
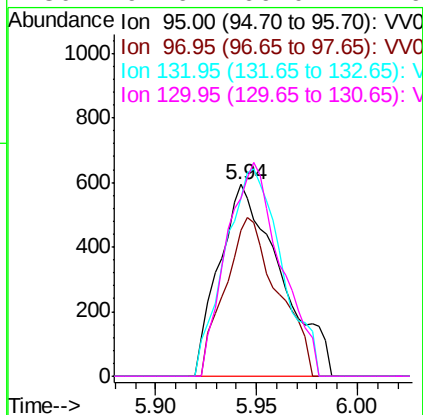
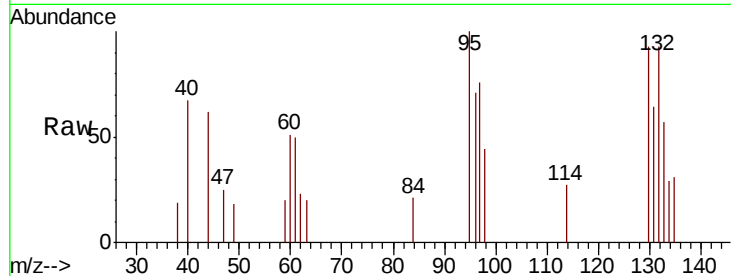




#34
 Trichloroethene
 Concen: 0.121 ug/L
 RT: 5.94 min Scan# 1509
 Delta R.T. 0.01 min
 Lab File: VV015972.D
 Acq: 08 May 2020 17:54

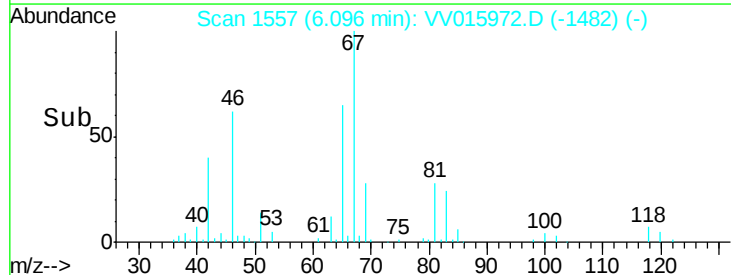
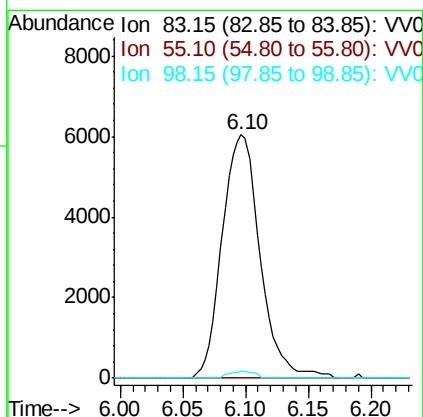
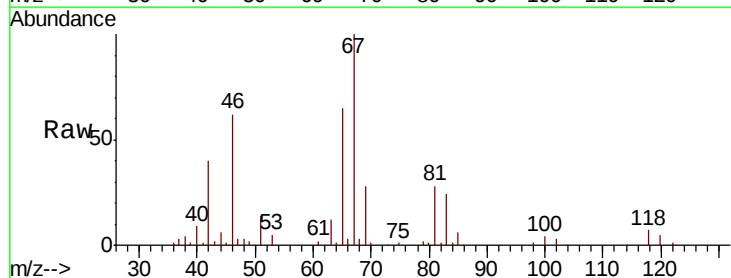
Instrument :
 MSVOA_V
 ClientSampleId :

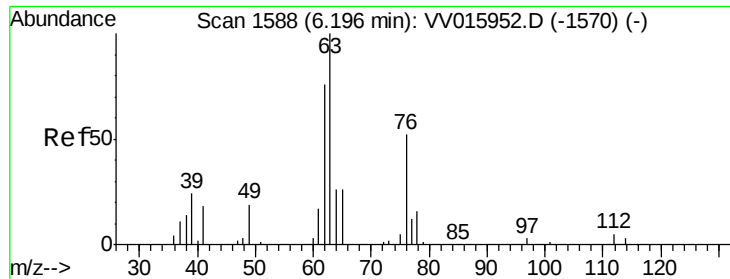
Tot Ion: 95 Resp: 1257
 Ion Ratio Lower Upper
 95 100
 97 76.2 43.3 80.5
 132 92.6 60.3 112.1
 130 92.6 66.0 122.6



#35
 Methylcyclohexane
 Concen: 0.806 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.06 min
 Lab File: VV015972.D
 Acq: 08 May 2020 17:54

Tgt Ion: 83 Resp: 12680
 Ion Ratio Lower Upper
 83 100
 55 0.0 66.2 99.2#
 98 1.8 37.9 56.9#

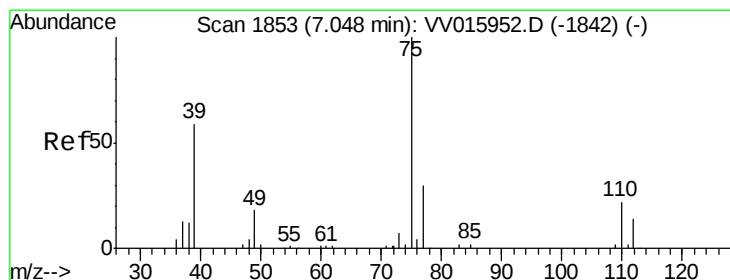
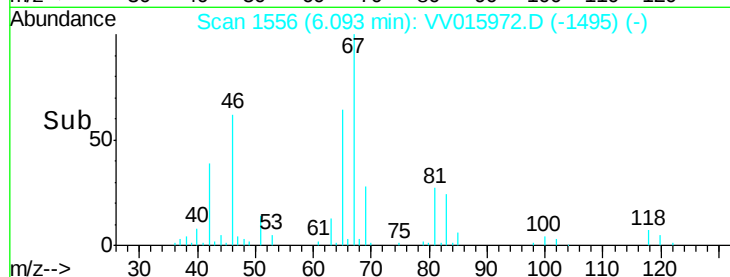
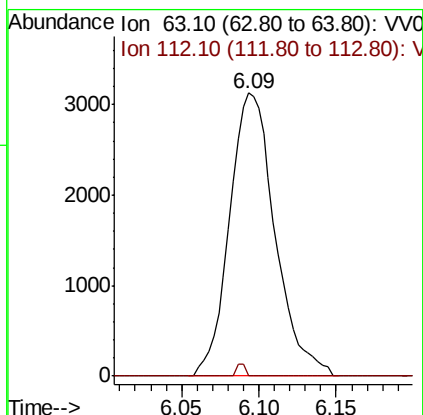
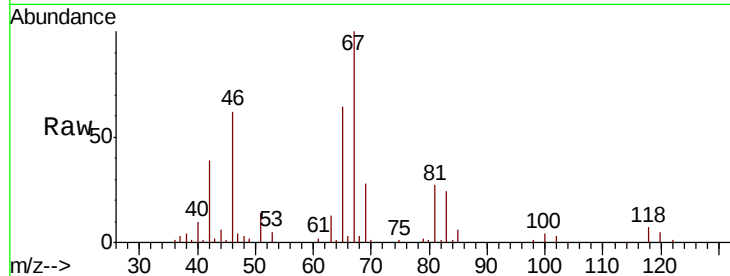




#37
 1,2-Dichloropropane
 Concen: 0.690 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.10 min
 Lab File: VV015972.D
 Acq: 08 May 2020 17:54

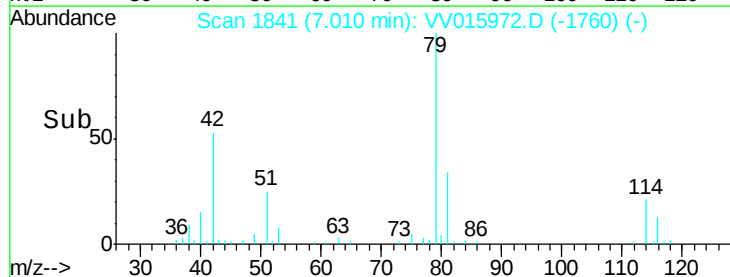
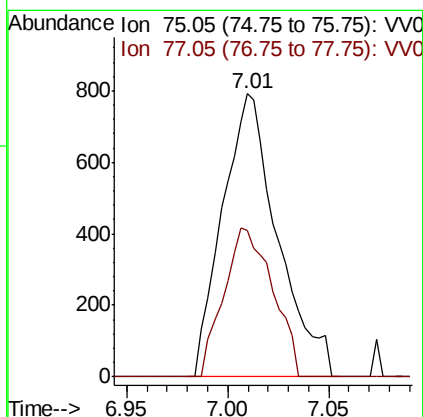
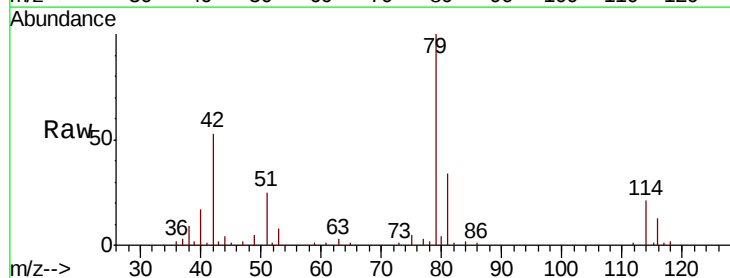
Instrument :
 MSVOA_V
 ClientSampleId :

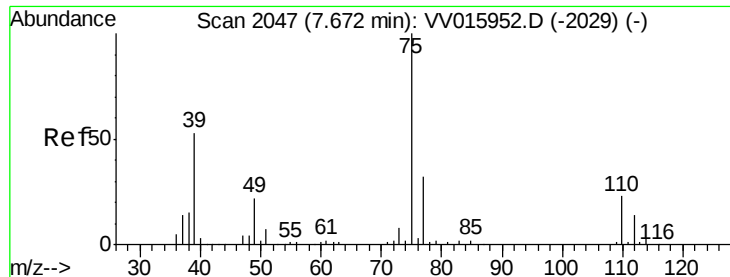
Tot Ion: 63 Resp: 6390
 Ion Ratio Lower Upper
 63 100
 112 0.8 3.4 5.0#



#39
 cis-1,3-Dichloropropene
 Concen: 0.115 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV015972.D
 Acq: 08 May 2020 17:54

Tgt Ion: 75 Resp: 1508
 Ion Ratio Lower Upper
 75 100
 77 51.8 21.3 39.5#





#46

trans-1,3-Dichloropropene

Concen: 0.074 ug/L

RT: 7.65 min Scan# 2039

Delta R.T. -0.03 min

Lab File: VV015972.D

Acq: 08 May 2020 17:54

Instrument :

MSVOA_V

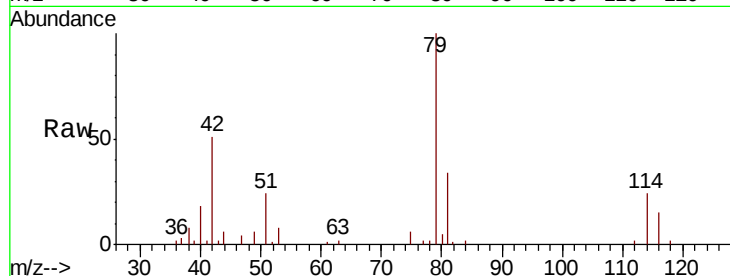
ClientSampleId :

Tot Ion: 75 Resp: 822

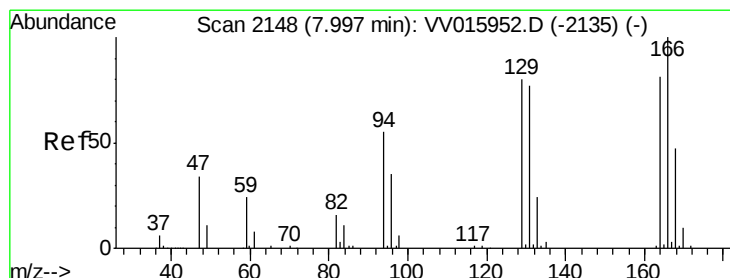
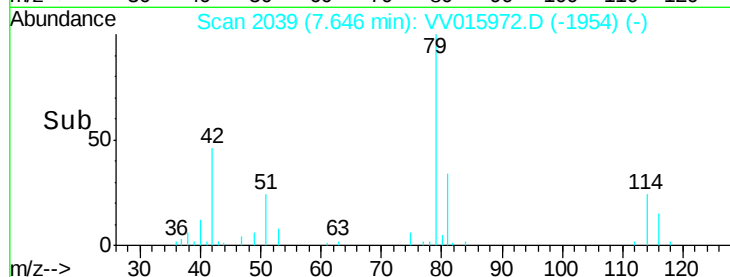
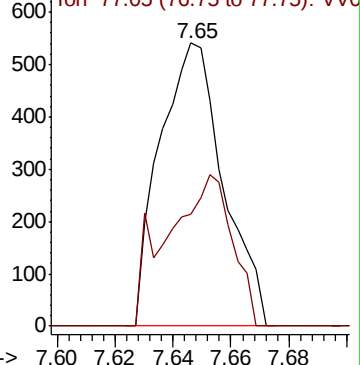
Ion Ratio Lower Upper

75 100

77 39.6 21.3 39.6



Abundance Ion 75.05 (74.75 to 75.75): VV015972.D (-1954) (-)



#49

Tetrachloroethene

Concen: 1.169 ug/L

RT: 8.00 min Scan# 2149

Delta R.T. 0.00 min

Lab File: VV015972.D

Acq: 08 May 2020 17:54

Tgt Ion:164 Resp: 8483

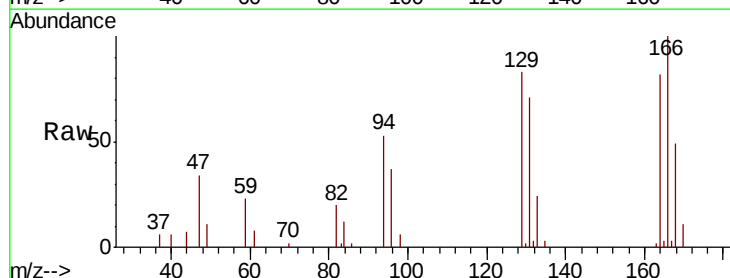
Ion Ratio Lower Upper

164 100

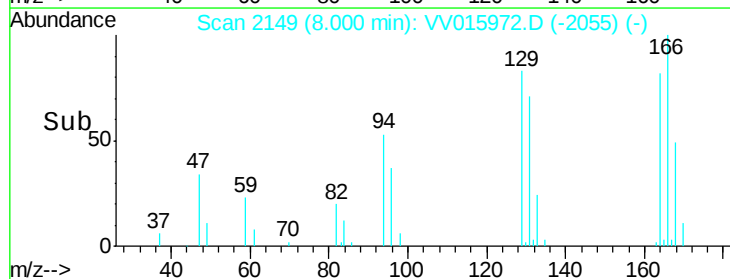
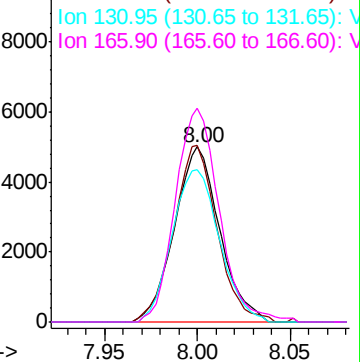
129 101.1 69.7 129.4

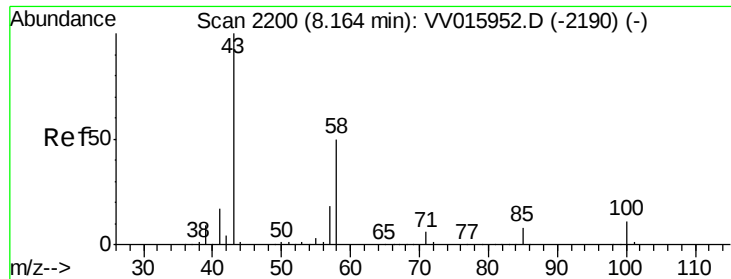
131 87.2 66.8 124.2

166 122.1 89.1 165.5



Abundance Ion 163.90 (163.60 to 164.60): VV015972.D (-2055) (-)

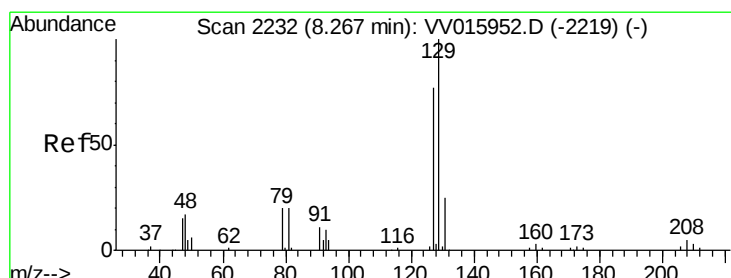
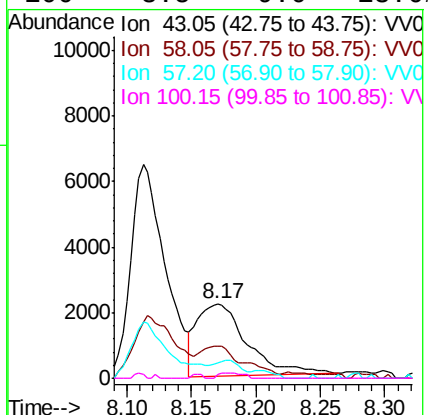
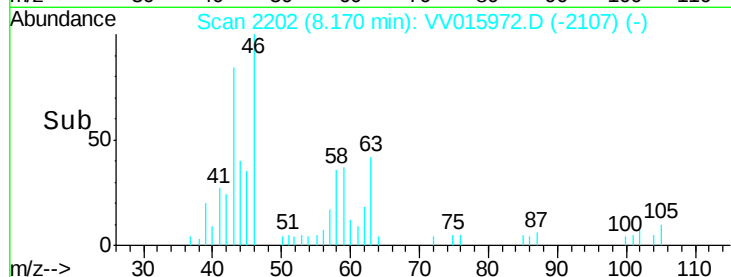
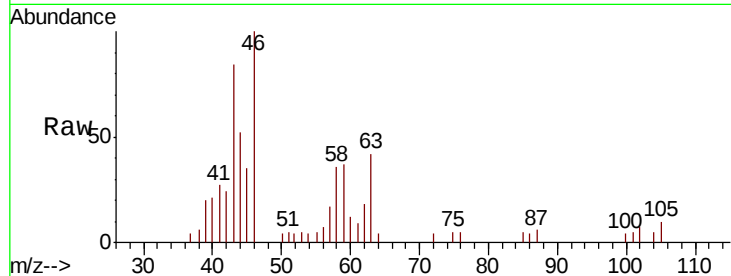




#50
2-Hexanone
Concen: 1.459 ug/L
RT: 8.17 min Scan# 2202
Delta R.T. 0.01 min
Lab File: VV015972.D
Acq: 08 May 2020 17:54

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 5954
Ion Ratio Lower Upper
43 100
58 33.7 40.8 61.2#
57 12.9 14.7 22.1#
100 3.5 9.0 13.6#



#51
Dibromochloromethane
Concen: 1.163 ug/L
RT: 8.00 min Scan# 2149
Delta R.T. -0.27 min
Lab File: VV015972.D
Acq: 08 May 2020 17:54

Tgt Ion: 129 Resp: 8079
Ion Ratio Lower Upper
129 100
127 0.0 56.0 104.0#

