

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV040120\
 Data File : VV015359.D
 Acq On : 02 Apr 2020 05:01
 Operator : SY/MD
 Sample : L2064-05
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 02 06:42:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM040120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 02 06:34:01 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	711022	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	674831	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	309558	50.00	ug/L	0.00

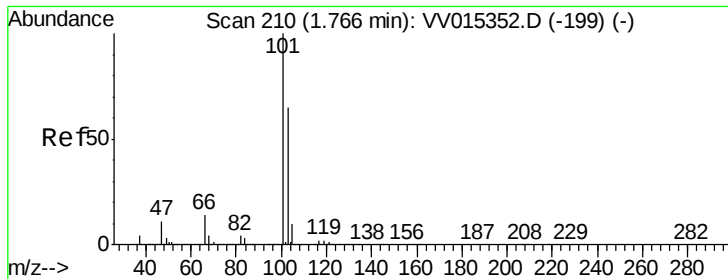
System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	240462	37.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.44%
7) Chloroethane-d5	1.58	69	211537	38.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	77.68%
11) 1,1-Dichloroethene-d2	2.12	63	373168	32.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.50%
21) 2-Butanone-d5	3.94	46	294883	87.02	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.02%
24) Chloroform-d	4.38	84	437640	41.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	83.16%
26) 1,2-Dichloroethane-d4	5.06	65	283680	43.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.54%
32) Benzene-d6	5.07	84	906172	43.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.20%
36) 1,2-Dichloropropane-d6	6.09	67	270175	44.09	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	88.18%
41) Toluene-d8	7.34	98	876586	44.11	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.22%
43) trans-1,3-Dichloropropene-	7.64	79	136208	40.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	80.46%
47) 2-Hexanone-d5	8.12	63	236052	84.35	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	84.35%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	383128	43.95	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.90%
64) 1,2-Dichlorobenzene-d4	11.65	152	323893	46.00	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.00%

Target Compounds

					Ovalue
9) Trichlorofluoromethane	1.76	101	48434	4.036	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	4124	0.769	ug/L # 30
20) cis-1,2-Dichloroethene	3.95	96	4601	0.828	ug/L # 80
25) Chloroform	4.40	83	9661	1.008	ug/L 92
27) 1,2-Dichloroethane	5.07	62	5205	0.721	ug/L 95
34) Trichloroethene	5.94	95	50924	9.629	ug/L 96
35) Methylcyclohexane	6.10	83	71887	8.297	ug/L # 20
39) cis-1,3-Dichloropropene	7.01	75	8841	1.073	ug/L # 63
46) Tetrachloroethene	8.00	164	108631	28.651	ug/L 96
48) 2-Hexanone	8.12	43	27014	5.176	ug/L # 83

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



#9

Trichlorofluoromethane

Concen: 4.036 ug/L

RT: 1.76 min Scan# 209

Delta R.T. -0.00 min

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Acq: 02 Apr 2020 05:01

Instrument :

MSVOA_V

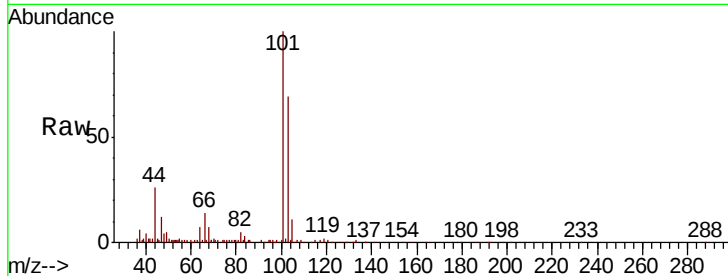
ClientSampleId :

Tot Ion:101 Resp: 48434

Ion Ratio Lower Upper

101 100

103 67.3 52.3 78.5



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V

1.76

40000

30000

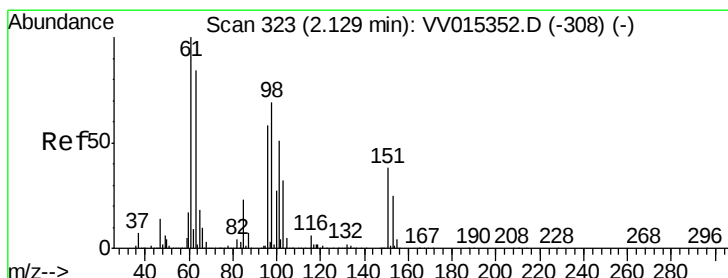
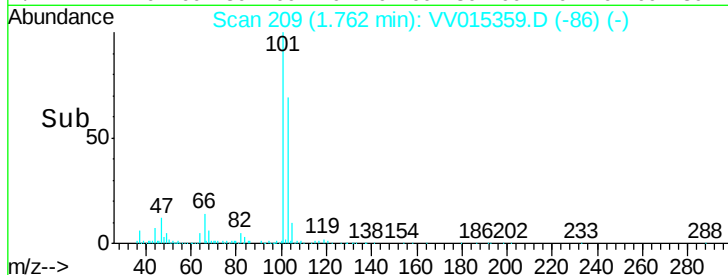
20000

10000

0

Time-->

1.70 1.75 1.80



#10

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

Concen: 0.769 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV015359.D

Acq: 02 Apr 2020 05:01

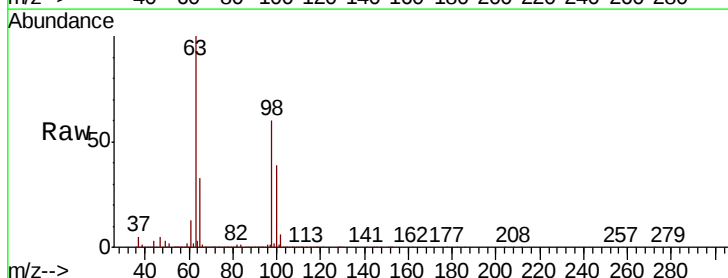
Tgt Ion:101 Resp: 4124

Ion Ratio Lower Upper

101 100

85 6.0 36.1 54.1#

151 8.1 58.2 87.4#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V

3000

2500

2000

1500

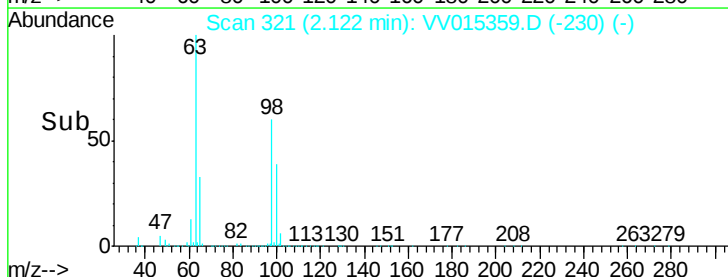
1000

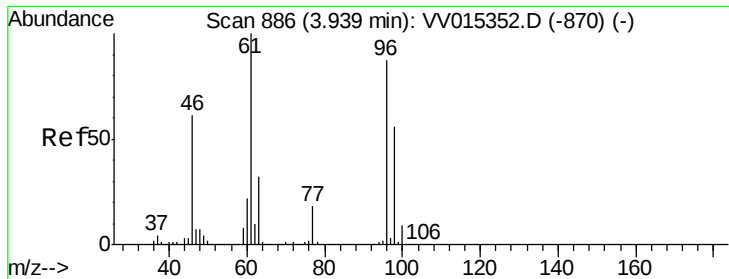
500

0

Time-->

2.10 2.15

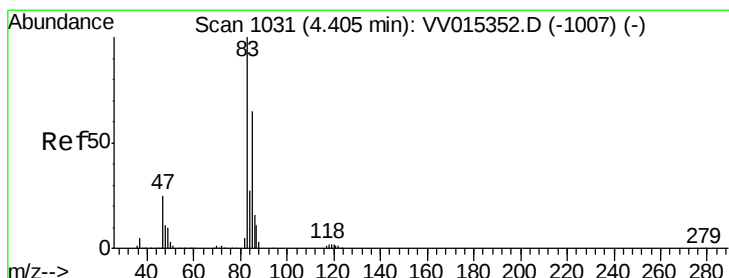
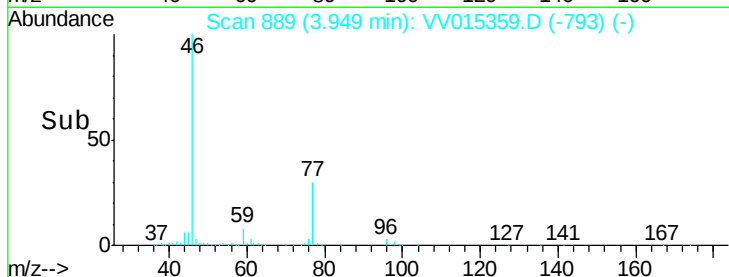
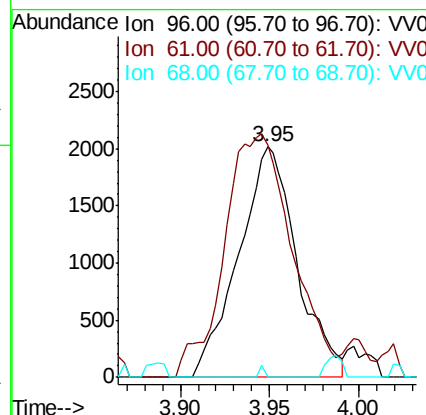
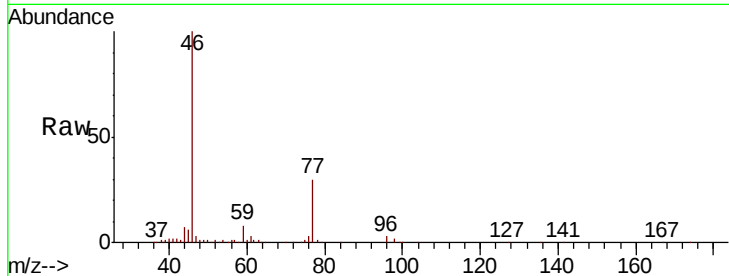




#20
 cis-1,2-Dichloroethene
 Concen: 0.828 ug/L
 RT: 3.95 min Scan# 889
 Delta R.T. 0.01 min
 Lab File: VV015359.D
 Acq: 02 Apr 2020 05:01

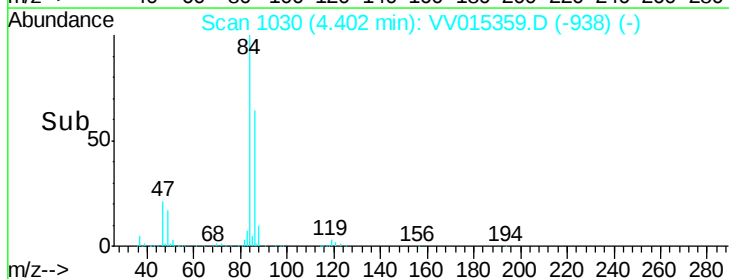
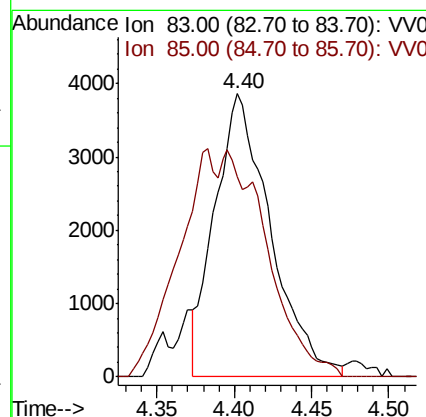
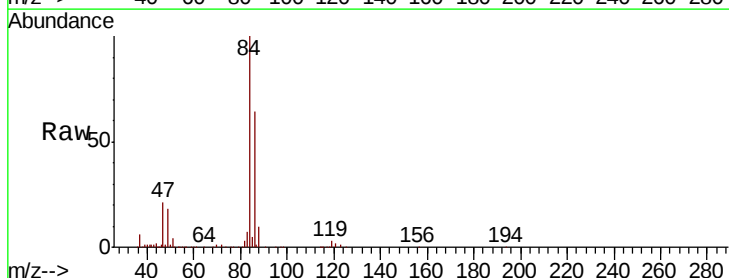
Instrument :
 MSVOA_V
 ClientSampleId :

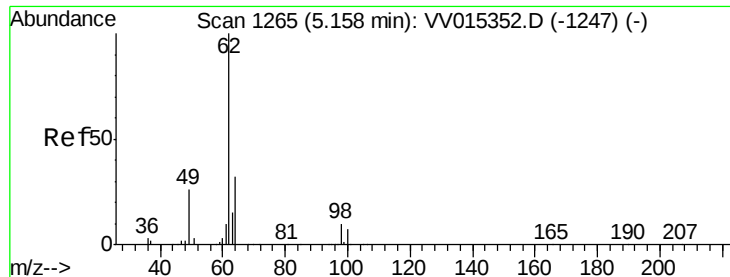
Tot Ion: 96 Resp: 4601
 Ion Ratio Lower Upper
 96 100
 61 100.5 86.4 160.4
 68 0.0 0.1 0.3#



#25
 Chloroform
 Concen: 1.008 ug/L
 RT: 4.40 min Scan# 1030
 Delta R.T. -0.00 min
 Lab File: VV015359.D
 Acq: 02 Apr 2020 05:01

Tgt Ion: 83 Resp: 9661
 Ion Ratio Lower Upper
 83 100
 85 70.8 45.1 83.9

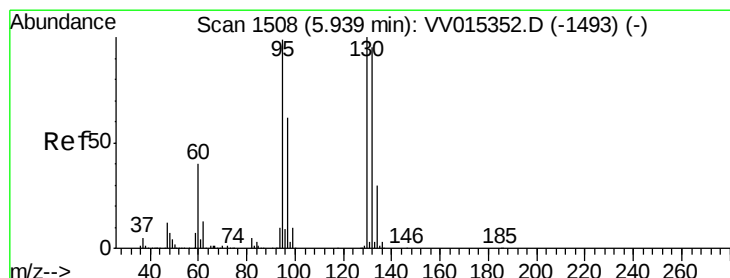
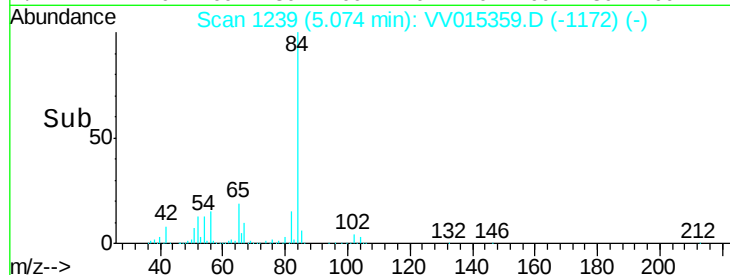
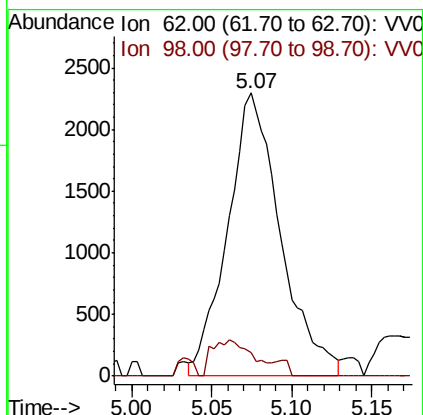
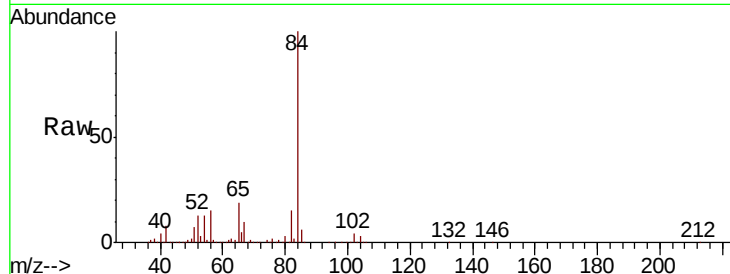




#27
1,2-Dichloroethane
Concen: 0.721 ug/L
RT: 5.07 min Scan# 1239
Delta R.T. -0.08 min
Lab File: VV015359.D
Acq: 02 Apr 2020 05:01

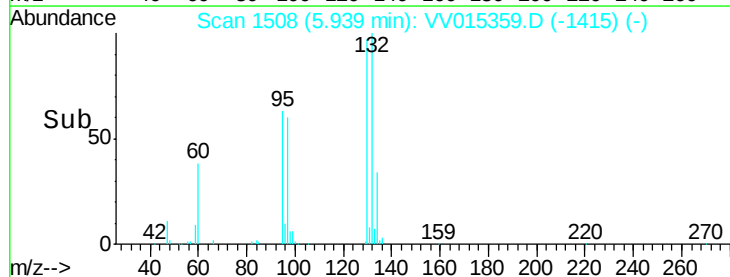
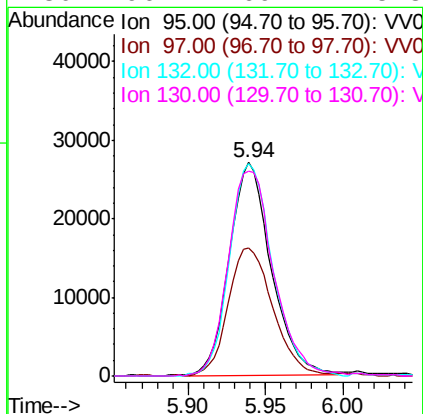
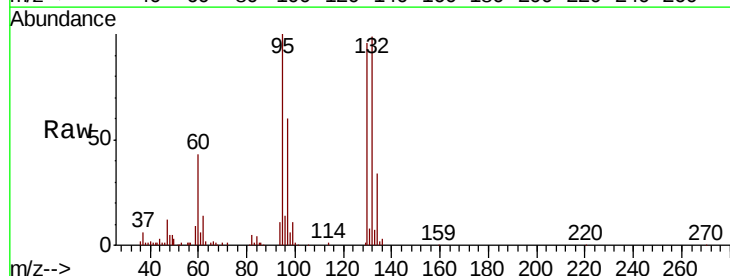
Instrument :
MSVOA_V
ClientSampleId :

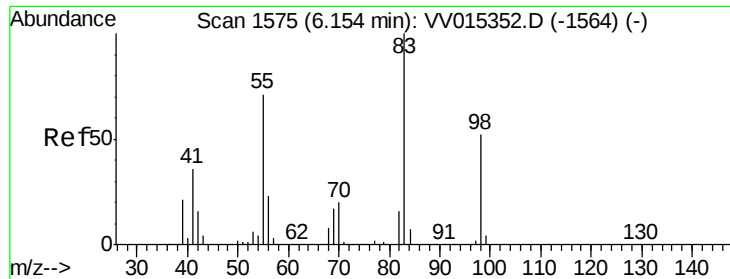
Tot Ion: 62 Resp: 5205
Ion Ratio Lower Upper
62 100
98 8.2 7.9 11.9



#34
Trichloroethene
Concen: 9.629 ug/L
RT: 5.94 min Scan# 1508
Delta R.T. -0.00 min
Lab File: VV015359.D
Acq: 02 Apr 2020 05:01

Tgt Ion: 95 Resp: 50924
Ion Ratio Lower Upper
95 100
97 60.0 45.4 84.2
132 99.3 66.8 124.2
130 96.1 69.4 128.8

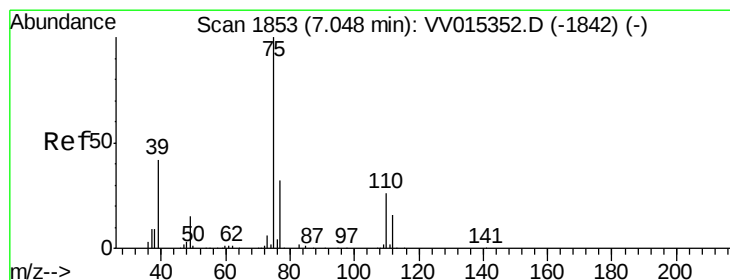
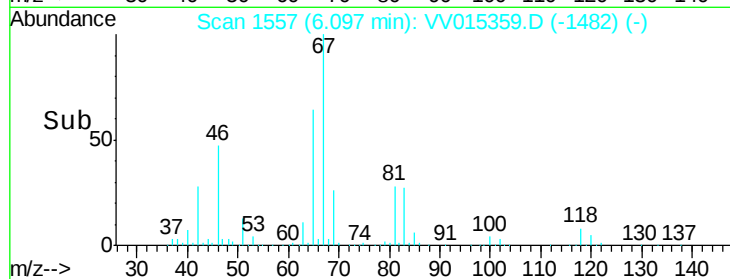
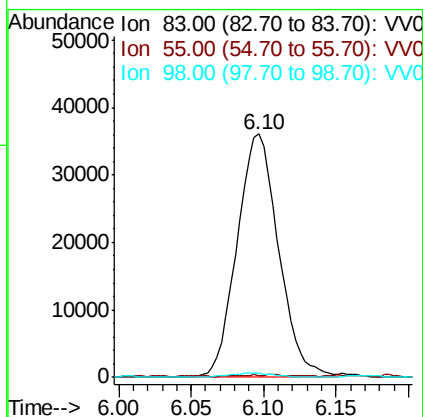
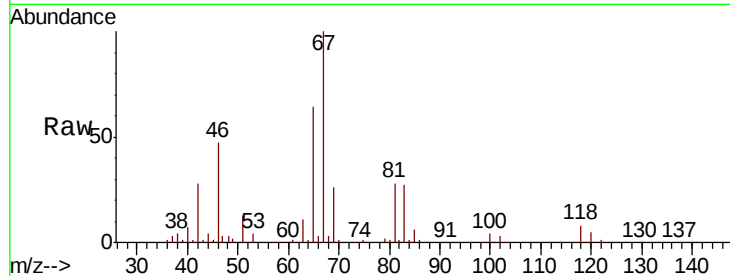




#35
Methvlcvclohexane
Concen: 8.297 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.06 min
Lab File: VV015359.D
Acq: 02 Apr 2020 05:01

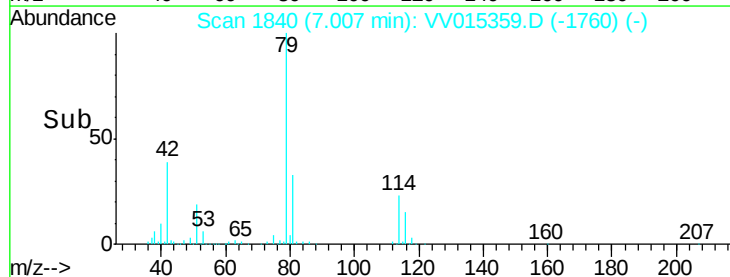
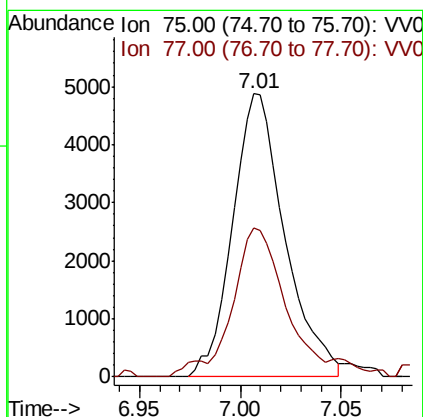
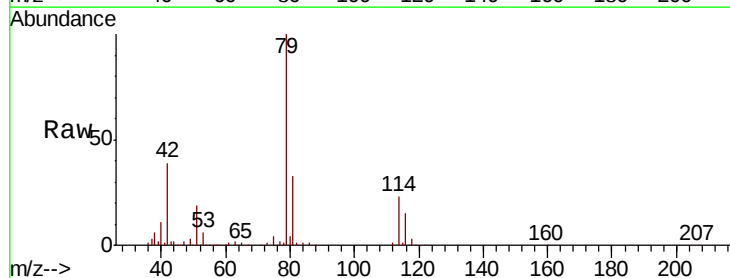
Instrument :
MSVOA_V
ClientSampleId :

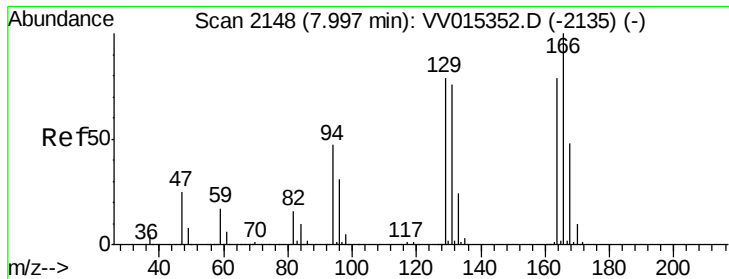
Tot Ion: 83 Resp: 71887
Ion Ratio Lower Upper
83 100
55 0.2 57.9 86.9#
98 1.7 40.0 60.0#



#39
cis-1,3-Dichloropropene
Concen: 1.073 ug/L
RT: 7.01 min Scan# 1840
Delta R.T. -0.04 min
Lab File: VV015359.D
Acq: 02 Apr 2020 05:01

Tgt Ion: 75 Resp: 8841
Ion Ratio Lower Upper
75 100
77 52.7 22.5 41.9#

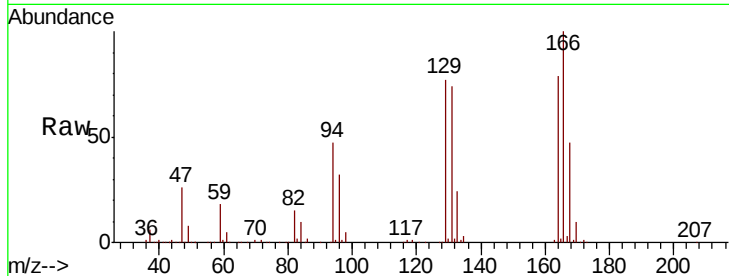




#46
Tetrachloroethene
Concen: 28.651 ug/L
RT: 8.00 min Scan# 2148
Delta R.T. -0.00 min
Lab File: VV015359.D
Acq: 02 Apr 2020 05:01

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
129	98.1	73.8	137.0
131	94.2	69.4	129.0
166	127.0	89.7	166.7



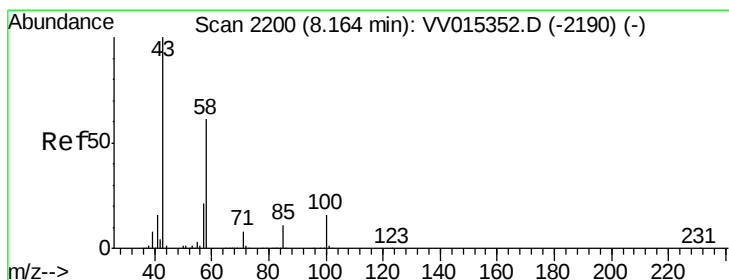
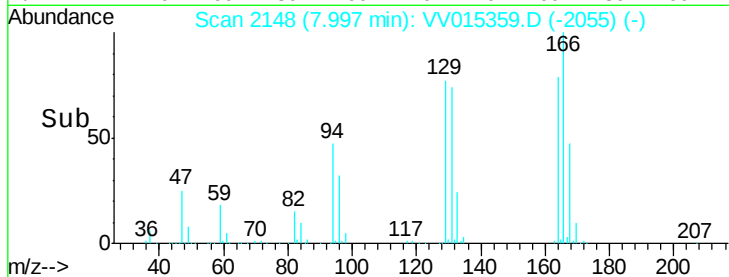
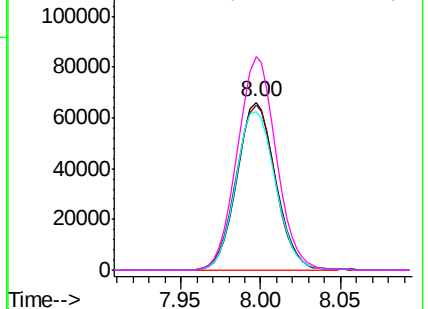
Abundance

Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

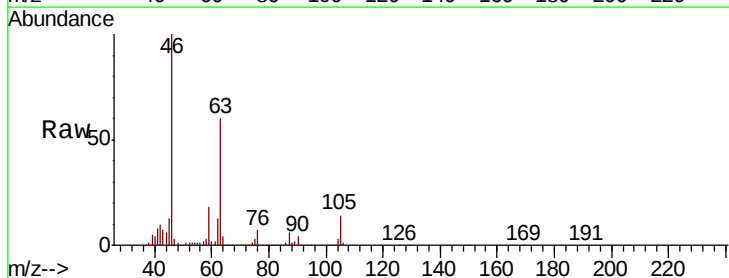
Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#48
2-Hexanone
Concen: 5.176 ug/L
RT: 8.12 min Scan# 2186
Delta R.T. -0.05 min
Lab File: VV015359.D
Acq: 02 Apr 2020 05:01

Tgt Ion	Ratio	Lower	Upper
43	100		
58	49.0	47.4	71.2
57	26.9	16.7	25.1#
100	0.3	11.5	17.3#



Abundance

Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

Ion 57.00 (56.70 to 57.70): VV0

Ion 100.00 (99.70 to 100.70): VV0

