

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092120\
 Data File : VV018379.D
 Acq On : 21 Sep 2020 18:38
 Operator : SY/MD
 Sample : L4090-13
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFWZ0

Quant Time: Sep 22 04:38:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM090920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 22 04:28:24 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	227730	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	226194	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	107974	50.00	ug/L	0.00

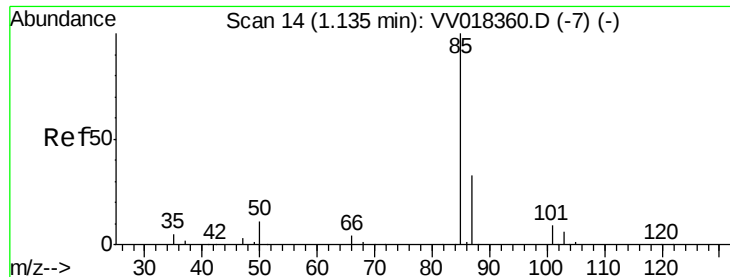
System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	78780	42.45	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.90%
7) Chloroethane-d5	1.58	69	69425	45.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.44%
11) 1,1-Dichloroethene-d2	2.12	63	119370	35.06	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.12%
21) 2-Butanone-d5	3.92	46	107157	94.33	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.33%
24) Chloroform-d	4.38	84	156284	48.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.08%
26) 1,2-Dichloroethane-d4	5.06	65	104611	50.68	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.36%
32) Benzene-d6	5.08	84	312233	48.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.44%
36) 1,2-Dichloropropane-d6	6.09	67	100820	49.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.00%
41) Toluene-d8	7.34	98	270950	45.91	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.82%
43) trans-1,3-Dichloropropene-	7.64	79	47481	45.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.82%
47) 2-Hexanone-d5	8.11	63	68469	87.85	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.85%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	122910	47.60	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.20%
64) 1,2-Dichlorobenzene-d4	11.65	152	119076	53.70	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	107.40%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	7266	4.376 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1145	0.745 ug/L #	19
27) 1,2-Dichloroethane	5.07	62	1964	0.857 ug/L #	74
34) Trichloroethene	5.94	95	14769	8.383 ug/L	98
35) Methylcyclohexane	6.09	83	23909	9.014 ug/L #	18
37) 1,2-Dichloropropane	6.09	63	10919	6.372 ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	2499	0.946 ug/L #	70
48) 2-Hexanone	8.11	43	8784	5.359 ug/L #	71
59) 1,2,3-Trichloropropane	11.27	75	12446	6.175 ug/L	90

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



#2

Dichlorodifluoromethane

Concen: 4.376 ug/L

RT: 1.14 min Scan# 14

Delta R.T. 0.00 min

Lab File: VV018379.D

Acq: 21 Sep 2020 18:38

Instrument :

MSVOA_V

ClientSampleId :

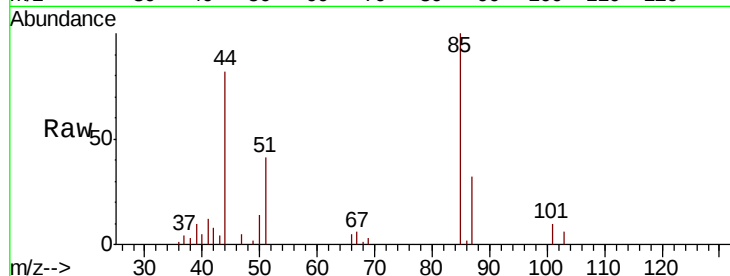
BFWZ0

Tot Ion: 85 Resp: 7266

Ion Ratio Lower Upper

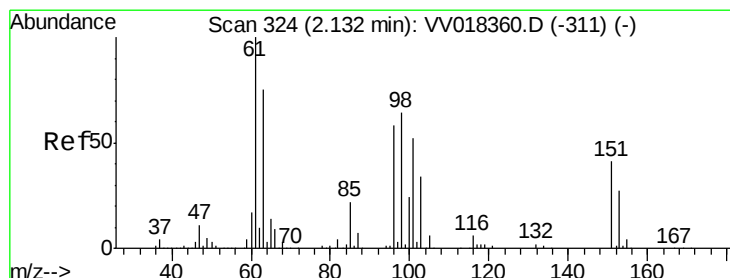
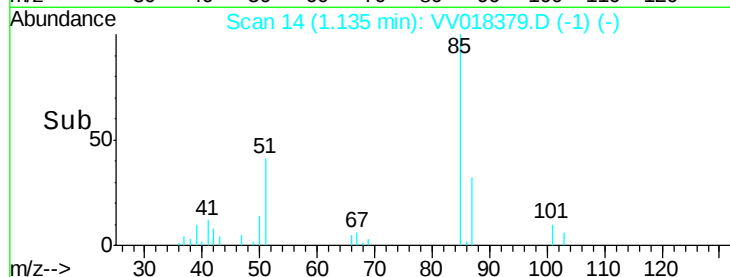
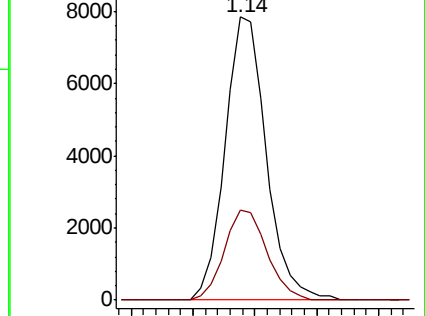
85 100

87 32.7 25.7 38.5



Abundance Ion 85.00 (84.70 to 85.70): VV018360.D (-7) (-)

Ion 87.00 (86.70 to 87.70): VV018360.D (-7) (-)



#10

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

Concen: 0.745 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV018379.D

Acq: 21 Sep 2020 18:38

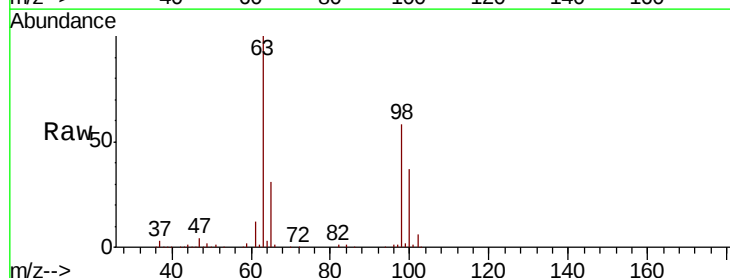
Tgt Ion: 101 Resp: 1145

Ion Ratio Lower Upper

101 100

85 0.0 33.5 50.3#

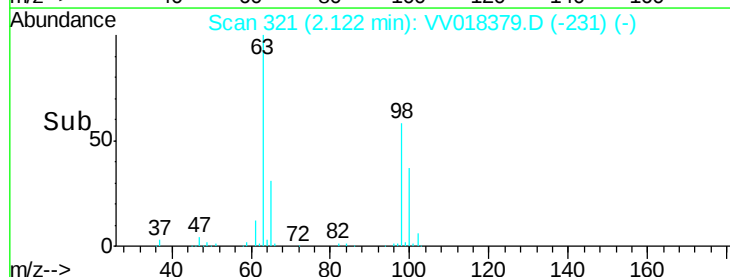
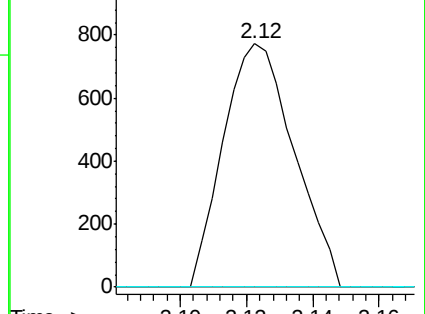
151 0.0 62.2 93.2#

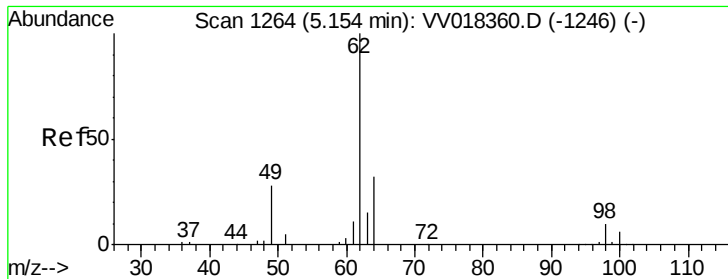


Abundance Ion 101.00 (100.70 to 101.70): VV018360.D (-311) (-)

Ion 85.00 (84.70 to 85.70): VV018360.D (-311) (-)

Ion 151.00 (150.70 to 151.70): VV018360.D (-311) (-)

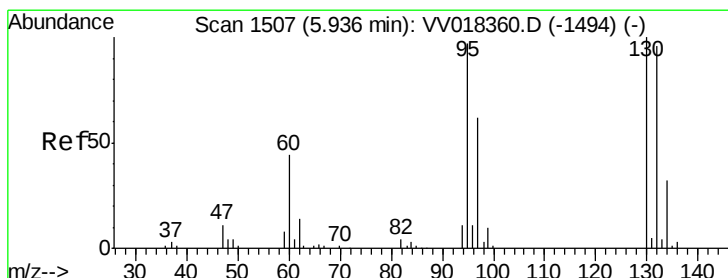
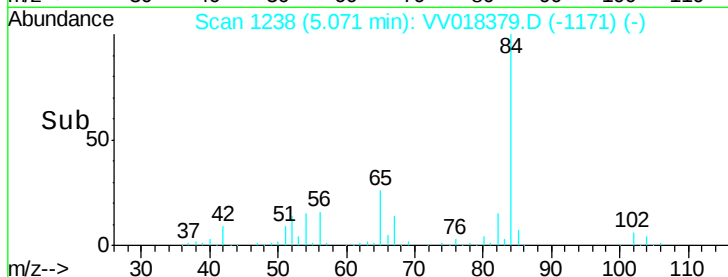
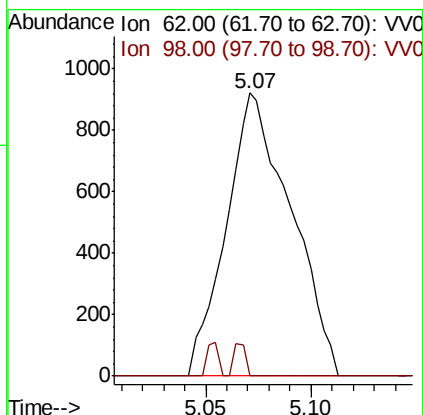
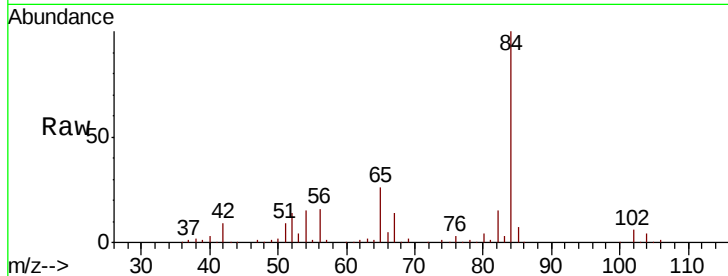




#27
 1,2-Dichloroethane
 Concen: 0.857 ug/L
 RT: 5.07 min Scan# 1238
 Delta R.T. -0.08 min
 Lab File: VV018379.D
 Acq: 21 Sep 2020 18:38

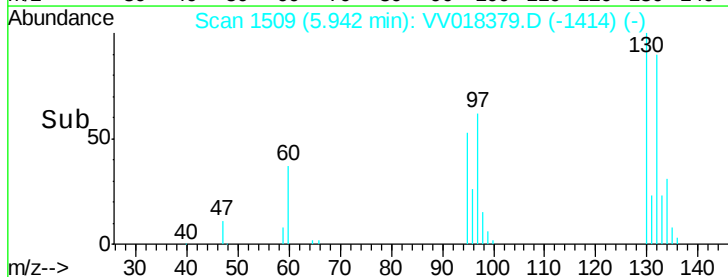
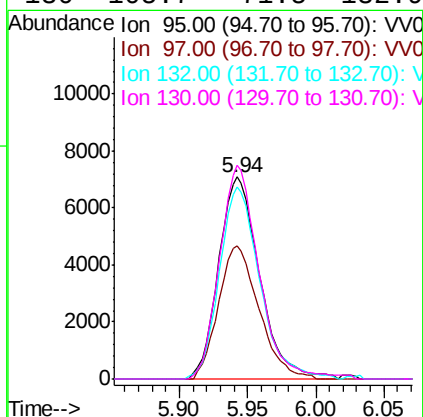
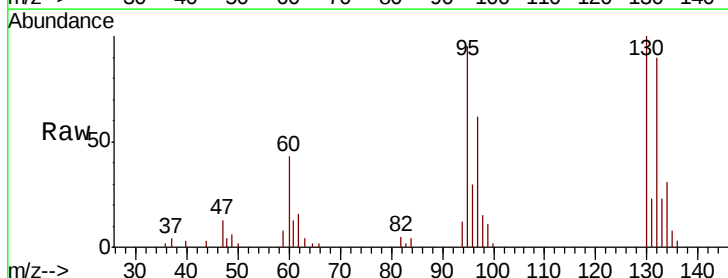
Instrument :
 MSVOA_V
 ClientSampled :
 BFWZ0

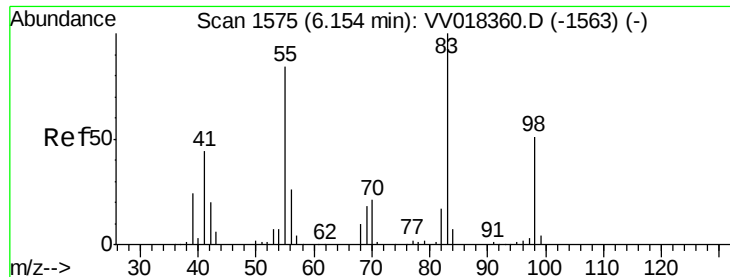
Tot Ion: 62 Resp: 1964
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.6 11.4#



#34
 Trichloroethene
 Concen: 8.383 ug/L
 RT: 5.94 min Scan# 1509
 Delta R.T. 0.01 min
 Lab File: VV018379.D
 Acq: 21 Sep 2020 18:38

Tgt Ion: 95 Resp: 14769
 Ion Ratio Lower Upper
 95 100
 97 66.0 46.3 85.9
 132 94.9 68.1 126.5
 130 105.7 71.5 132.9

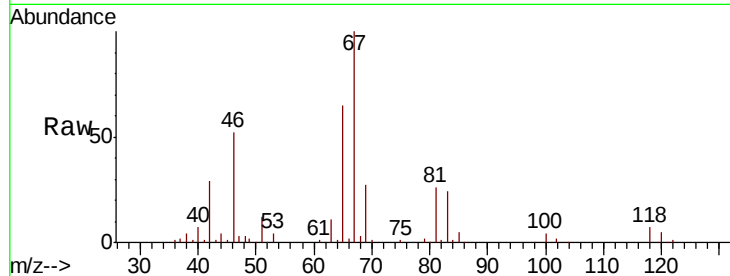




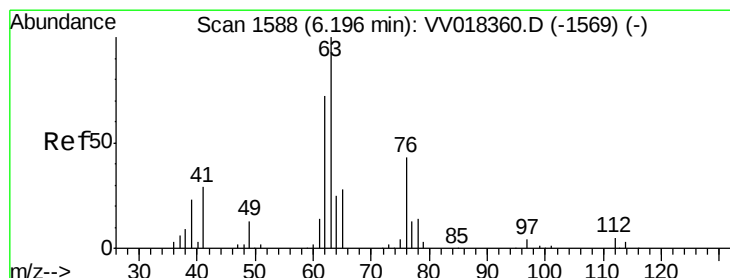
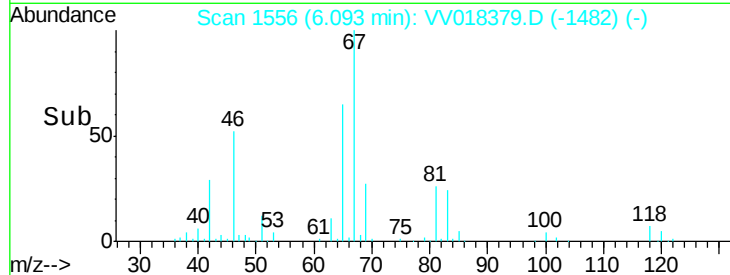
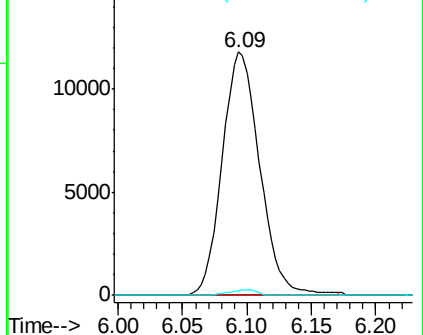
#35
Methvlcvclohexane
Concen: 9.014 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV018379.D
Acq: 21 Sep 2020 18:38

Instrument :
MSVOA_V
ClientSampleId :
BFWZ0

Tot Ion: 83 Resp: 23909
Ion Ratio Lower Upper
83 100
55 0.0 63.4 95.2#
98 1.4 38.8 58.2#

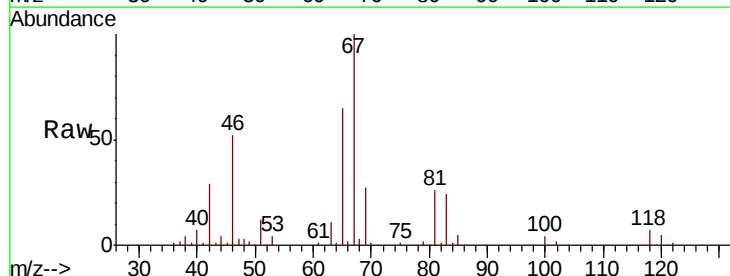


Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 55.00 (54.70 to 55.70): VV0
Ion 98.00 (97.70 to 98.70): VV0

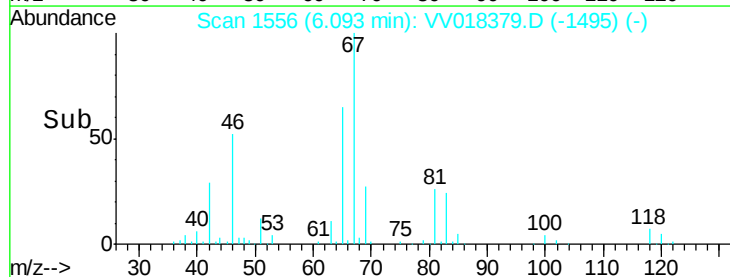
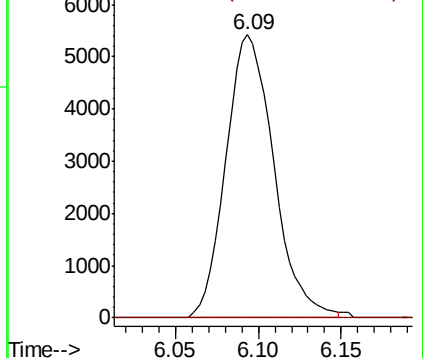


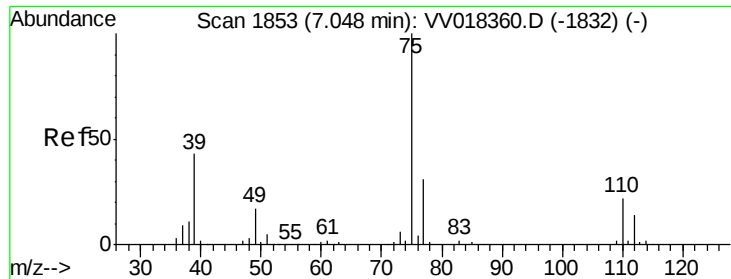
#37
1,2-Dichloropropane
Concen: 6.372 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.10 min
Lab File: VV018379.D
Acq: 21 Sep 2020 18:38

Tgt Ion: 63 Resp: 10919
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#



Abundance Ion 63.00 (62.70 to 63.70): VV0
Ion 112.00 (111.70 to 112.70): V

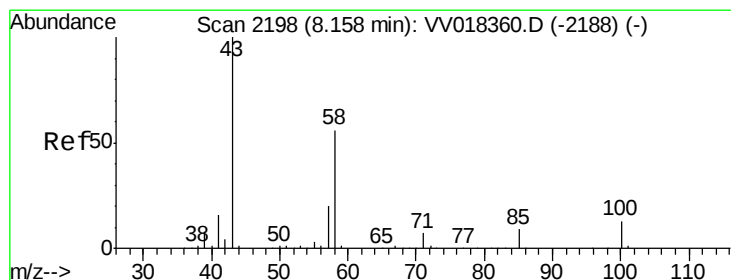
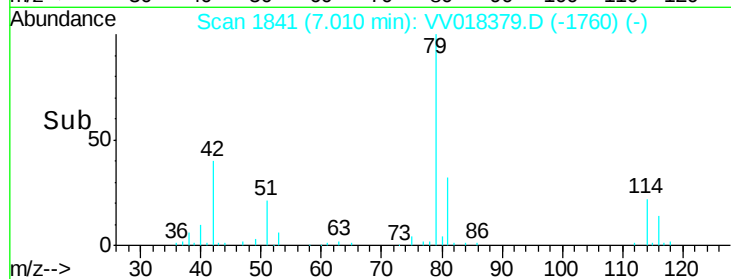
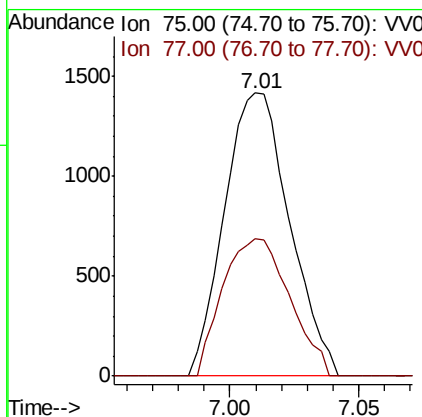
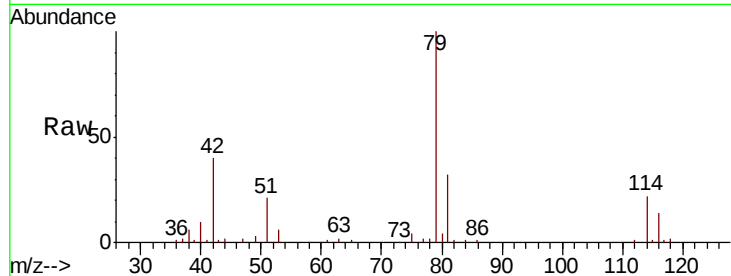




#39
 cis-1,3-Dichloropropene
 Concen: 0.946 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV018379.D
 Acq: 21 Sep 2020 18:38

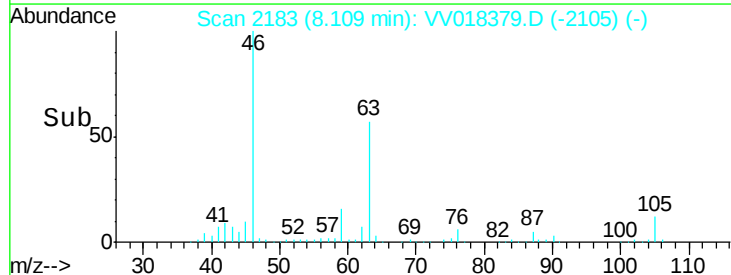
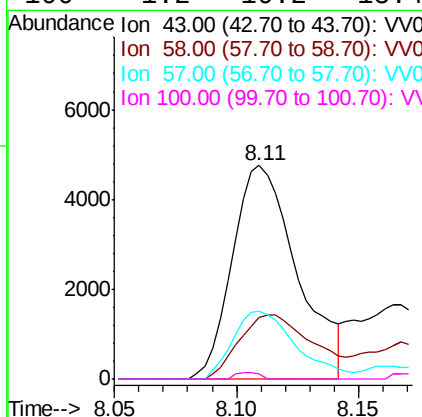
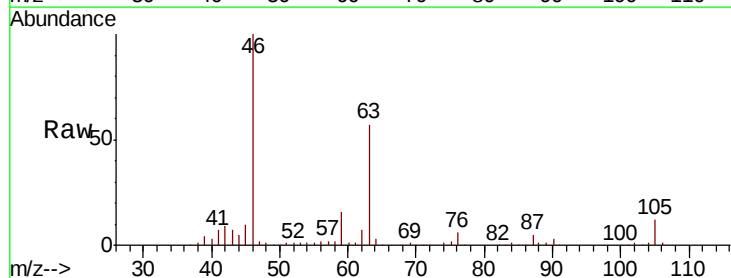
Instrument :
 MSVOA_V
 ClientSampleId :
 BFWZ0

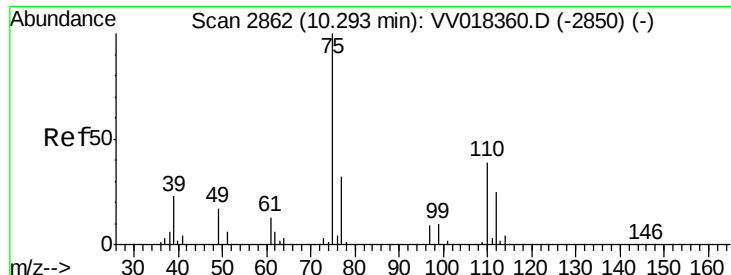
Tot Ion: 75 Resp: 2499
 Ion Ratio Lower Upper
 75 100
 77 48.7 22.3 41.3#



#48
 2-Hexanone
 Concen: 5.359 ug/L
 RT: 8.11 min Scan# 2183
 Delta R.T. -0.05 min
 Lab File: VV018379.D
 Acq: 21 Sep 2020 18:38

Tgt Ion: 43 Resp: 8784
 Ion Ratio Lower Upper
 43 100
 58 34.3 44.8 67.2#
 57 31.1 15.8 23.6#
 100 1.2 10.2 15.4#





#59

1,2,3-Trichloropropane

Concen: 6.175 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV018379.D

Acq: 21 Sep 2020 18:38

Instrument :

MSVOA_V

ClientSampleId :

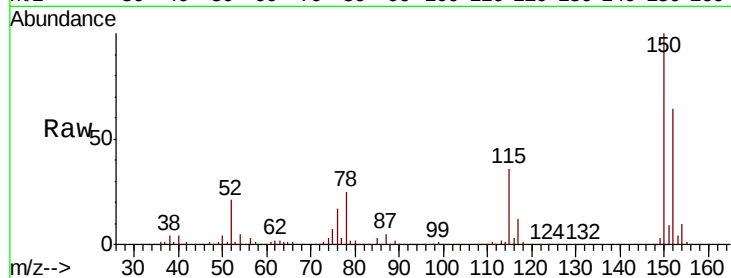
BFWZ0

Tot Ion: 75 Resp: 12446

Ion Ratio Lower Upper

75 100

77 37.5 25.8 38.6



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

