

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV110620\
 Data File : VV019260.D
 Acq On : 04 Nov 2020 22:45
 Operator : SY/MD
 Sample : VV1106MBL01
 Misc : 5.0µL/5.0mL/100µL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 05 05:06:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVLM110320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Nov 05 04:58:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	233148	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	228076	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.27	152	108427	50.00	ug/L	0.00

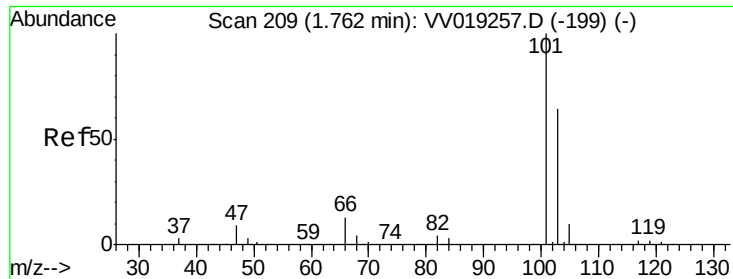
System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	76747	42.65	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.30%
7) Chloroethane-d5	1.58	69	66527	47.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	94.36%
11) 1,1-Dichloroethene-d2	2.12	63	119826	35.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.94%
21) 2-Butanone-d5	3.91	46	110891	111.77	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.77%
24) Chloroform-d	4.38	84	158841	47.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.34%
26) 1,2-Dichloroethane-d4	5.06	65	114792	48.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.84%
32) Benzene-d6	5.07	84	292528	46.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.90%
36) 1,2-Dichloropropane-d6	6.09	67	92347	49.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.22%
41) Toluene-d8	7.34	98	256447	43.71	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.42%
43) trans-1,3-Dichloropropene-	7.64	79	47446	44.57	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.14%
47) 2-Hexanone-d5	8.11	63	69659	95.43	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	95.43%
56) 1,1,2,2-Tetrachloroethane-	10.24	84	114476	45.69	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.38%
66) 1,2-Dichlorobenzene-d4	11.65	152	109719	50.58	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.16%

Target Compounds

					Ovalue
9) Trichlorofluoromethane	2.12	101	1009	0.394 ug/L #	33
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1009	0.829 ug/L #	17
12) 1,1-Dichloroethene	2.12	96	970	0.771 ug/L #	1
33) Benzene	5.08	78	2434	0.429 ug/L	100
35) Methylcyclohexane	6.09	83	23667	12.694 ug/L #	18
37) 1,2-Dichloropropane	6.09	63	11457	7.574 ug/L #	84
39) cis-1,3-Dichloropropene	7.01	75	3177	1.313 ug/L #	73
44) trans-1,3-Dichloropropene	7.64	75	2342	0.944 ug/L #	75
48) 2-Hexanone	8.17	43	3643	2.371 ug/L #	50
60) Isopropylbenzene	10.93	105	112	0.020 ug/L #	54
61) 1,2,3-Trichloropropane	11.27	75	11551	6.857 ug/L #	57
62) 1,3,5-Trimethylbenzene	10.93	105	112	0.024 ug/L #	29
63) 1,2,4-Trimethylbenzene	10.93	105	112	0.024 ug/L #	31

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

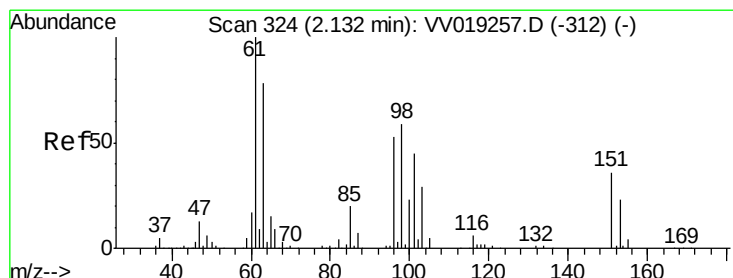
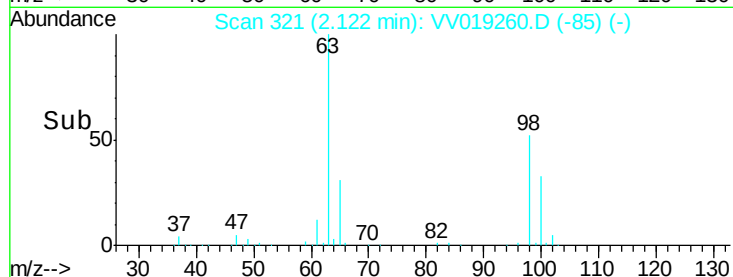
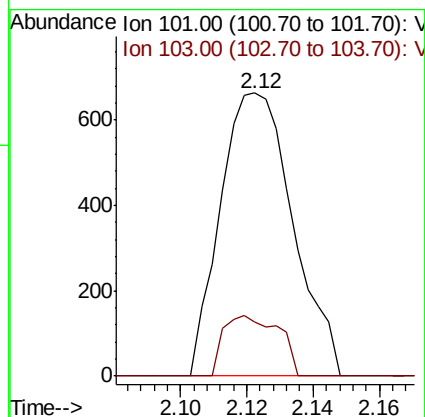
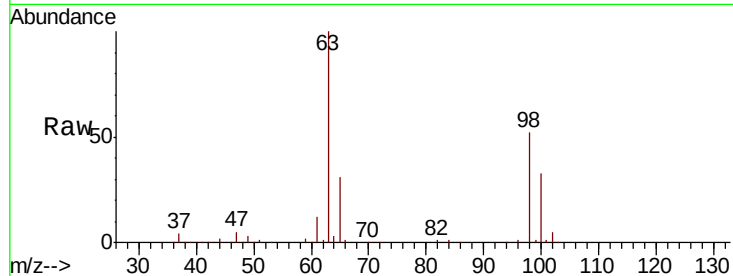


#9

Trichlorofluoromethane
Concen: 0.394 ug/L
RT: 2.12 min Scan# 321
Delta R.T. 0.36 min
Lab File: VV019260.D
Acq: 04 Nov 2020 22:45

Instrument :
MSVOA_V
ClientSampleId :

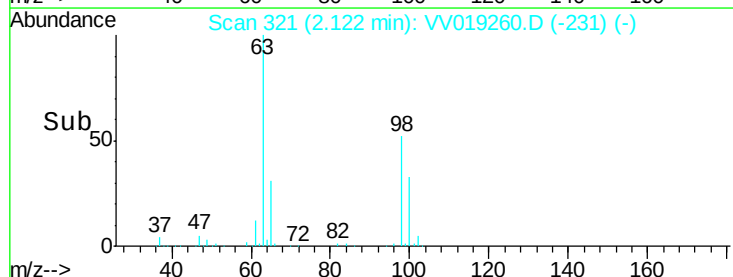
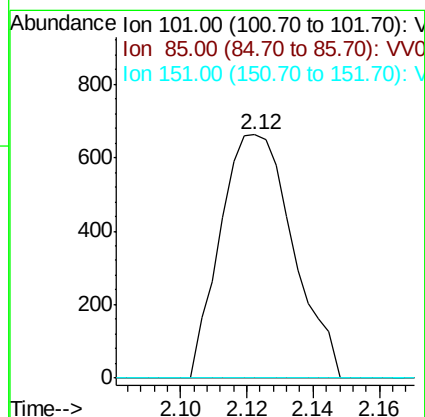
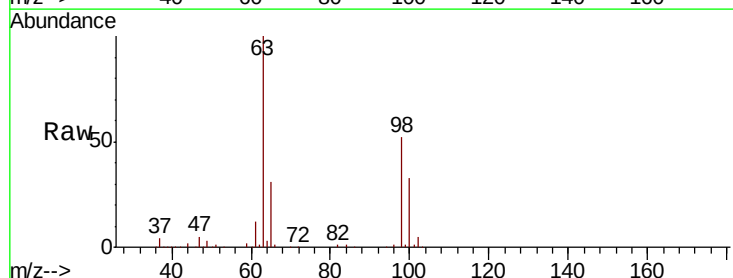
Tot Ion:101 Resp: 1009
Ion Ratio Lower Upper
101 100
103 12.1 52.3 78.5#

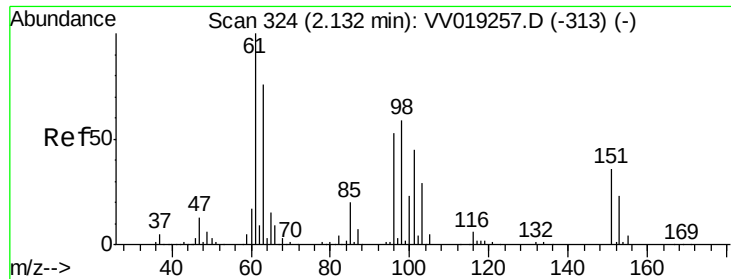


#10

1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.829 ug/L
RT: 2.12 min Scan# 321
Delta R.T. -0.01 min
Lab File: VV019260.D
Acq: 04 Nov 2020 22:45

Tgt Ion:101 Resp: 1009
Ion Ratio Lower Upper
101 100
85 0.0 35.6 53.4#
151 0.0 64.1 96.1#

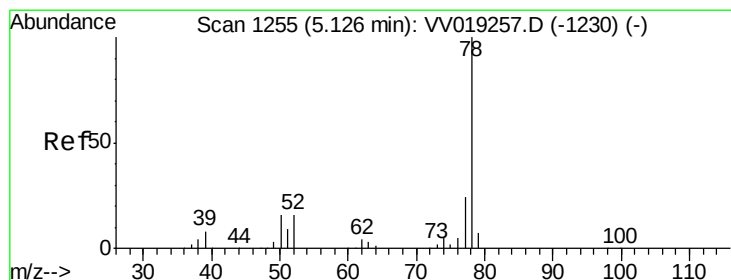
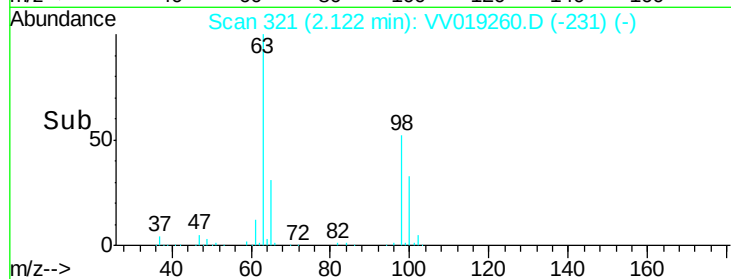
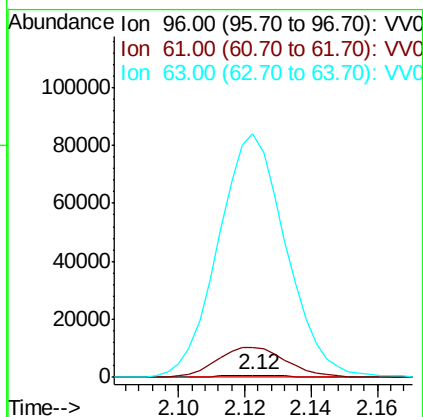
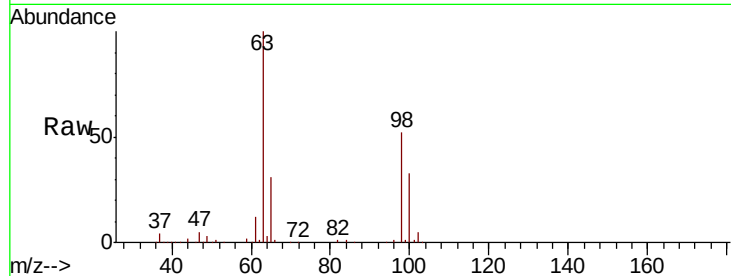




#12
 1,1-Dichloroethene
 Concen: 0.771 ug/L
 RT: 2.12 min Scan# 321
 Delta R.T. -0.01 min
 Lab File: VV019260.D
 Acq: 04 Nov 2020 22:45

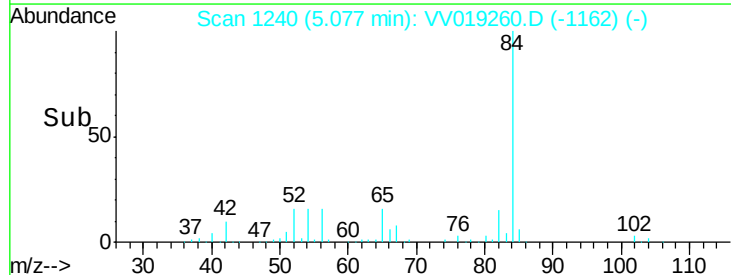
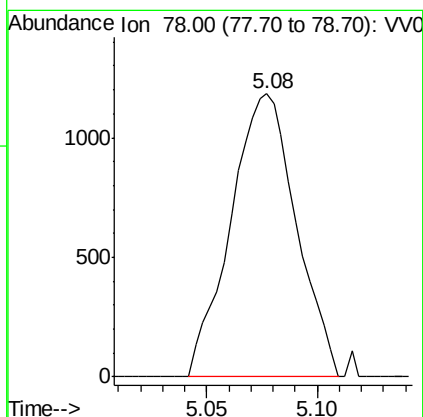
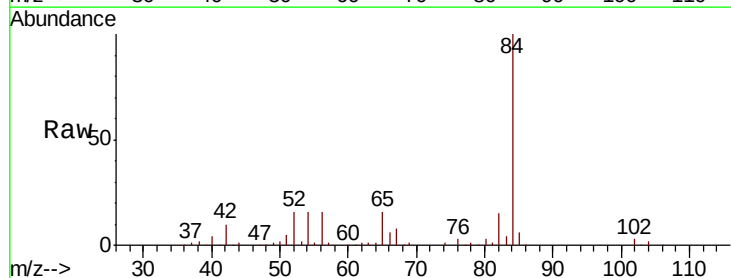
Instrument :
 MSVOA_V
 ClientSampled :

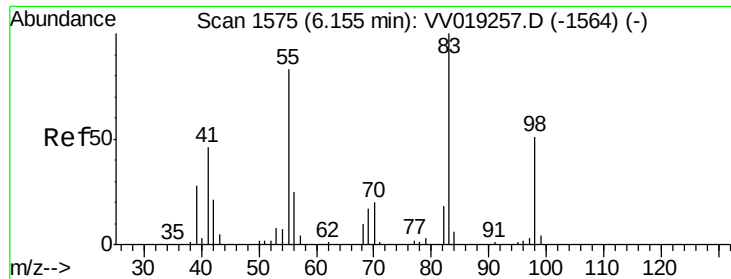
Tot Ion: 96 Resp: 970
 Ion Ratio Lower Upper
 96 100
 61 1520.6 133.6 248.0#
 63 12184.6 103.0 191.2#



#33
 Benzene
 Concen: 0.429 ug/L
 RT: 5.08 min Scan# 1240
 Delta R.T. -0.05 min
 Lab File: VV019260.D
 Acq: 04 Nov 2020 22:45

Tgt Ion: 78 Resp: 2434

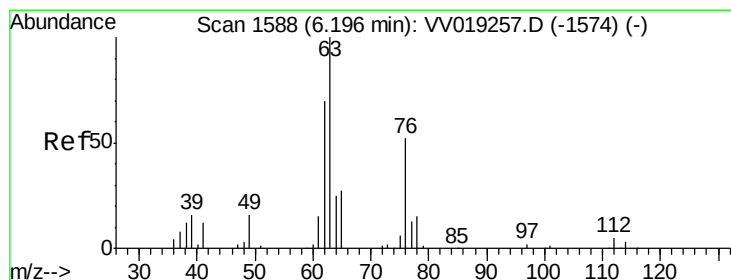
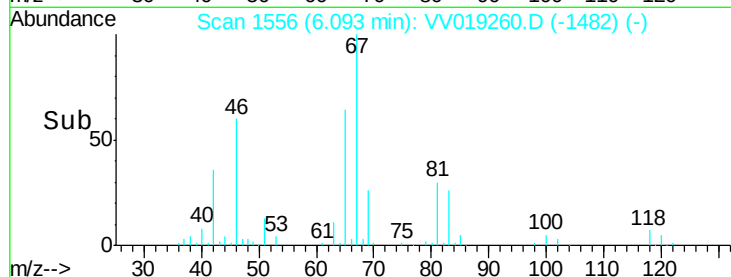
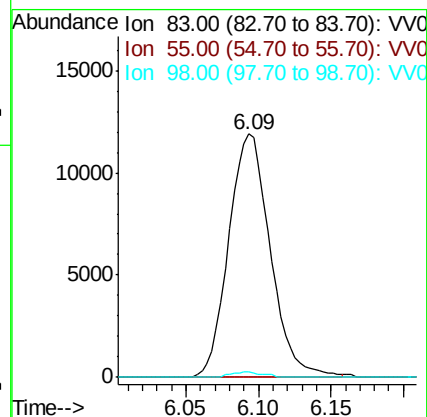
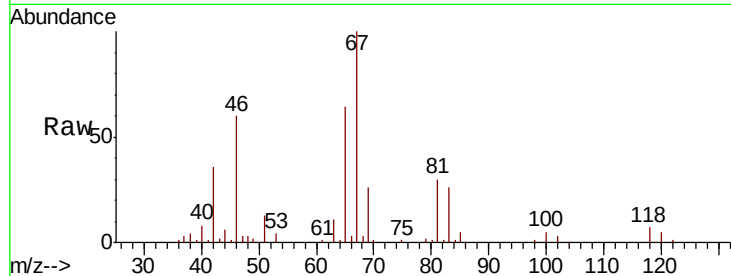




#35
Methylvlcyclohexane
Concen: 12.694 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV019260.D
Acq: 04 Nov 2020 22:45

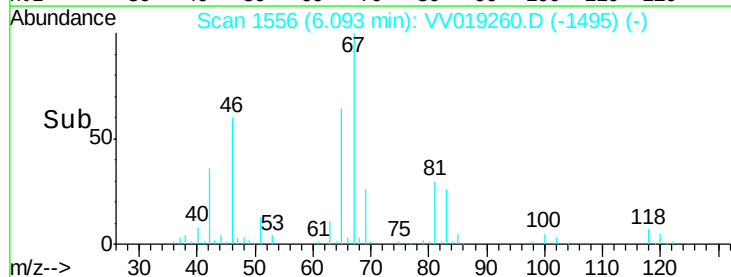
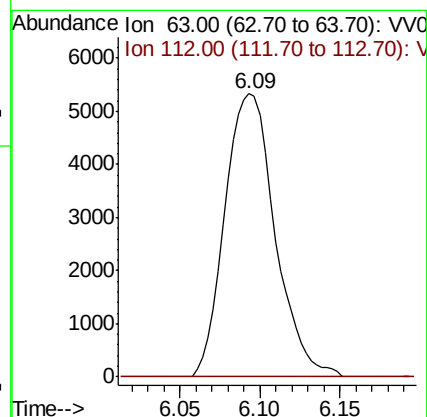
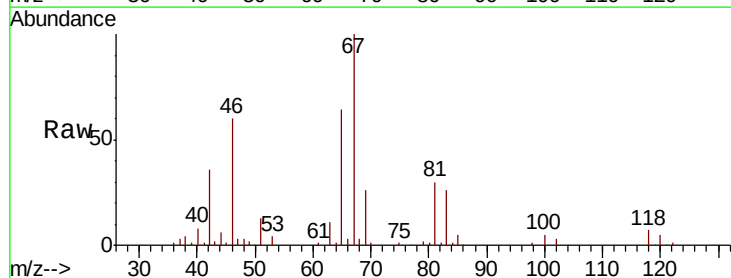
Instrument :
MSVOA_V
ClientSampleId :

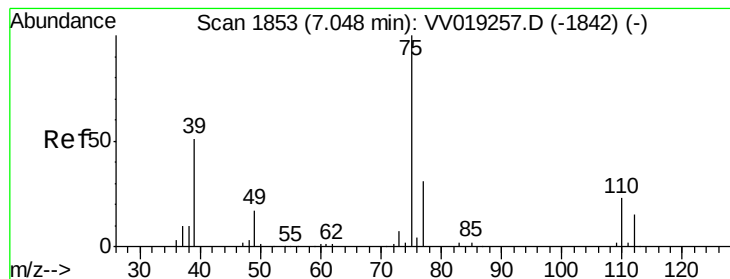
Tot Ion	83.00	Resp:	23667
Ion	Ratio	Lower	Upper
83	100		
55	0.0	62.8	94.2#
98	1.4	38.6	58.0#



#37
1,2-Dichloropropane
Concen: 7.574 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.10 min
Lab File: VV019260.D
Acq: 04 Nov 2020 22:45

Tgt Ion	63	Resp:	11457
Ion	Ratio	Lower	Upper
63	100		
112	0.0	4.2	6.2#



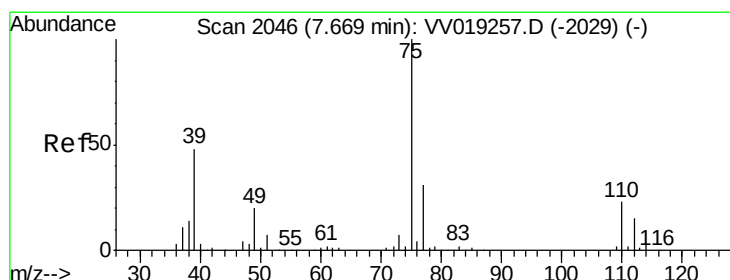
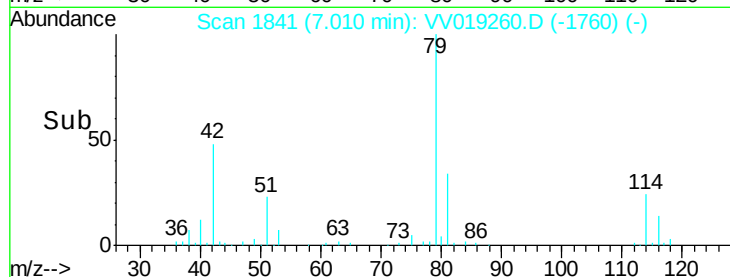
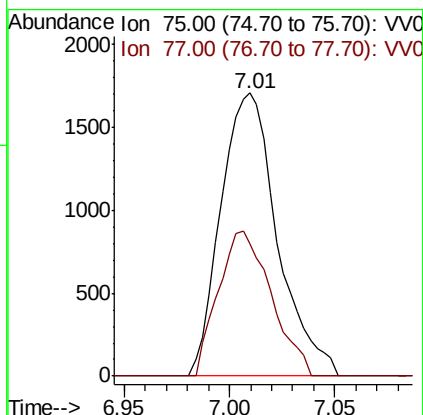
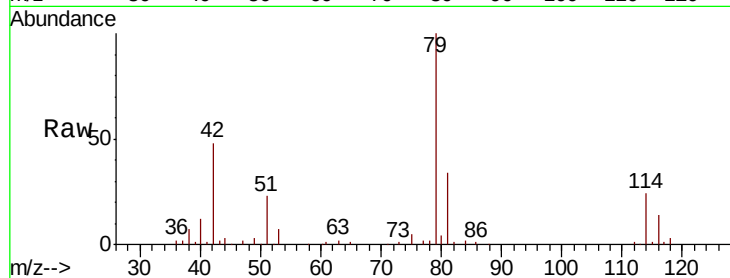


#39

cis-1,3-Dichloropropene
Concen: 1.313 ug/L
RT: 7.01 min Scan# 1841
Delta R.T. -0.04 min
Lab File: VV019260.D
Acq: 04 Nov 2020 22:45

Instrument :
MSVOA_V
ClientSampleId :

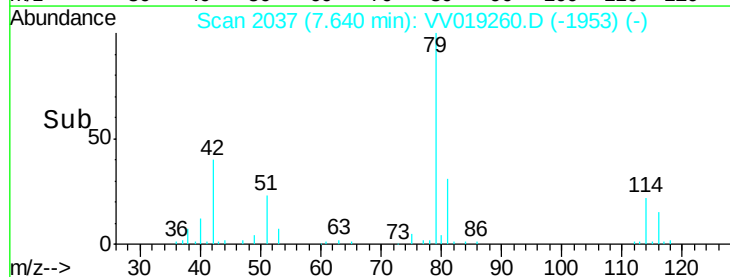
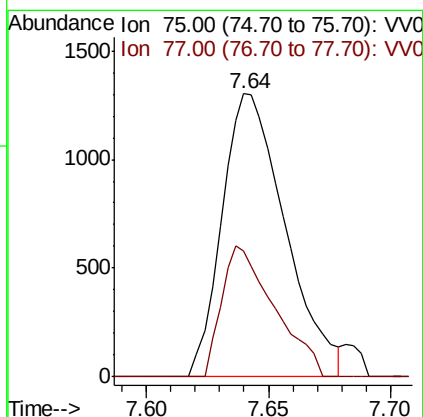
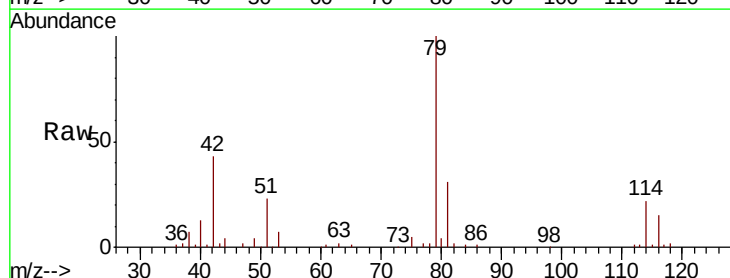
Tot Ion: 75 Resp: 3177
Ion Ratio Lower Upper
75 100
77 46.6 22.2 41.2#

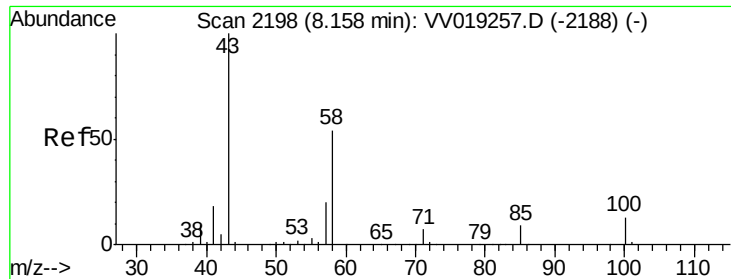


#44

trans-1,3-Dichloropropene
Concen: 0.944 ug/L
RT: 7.64 min Scan# 2037
Delta R.T. -0.03 min
Lab File: VV019260.D
Acq: 04 Nov 2020 22:45

Tgt Ion: 75 Resp: 2342
Ion Ratio Lower Upper
75 100
77 44.5 21.6 40.2#

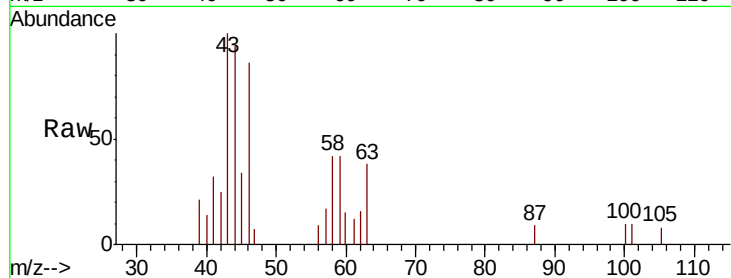




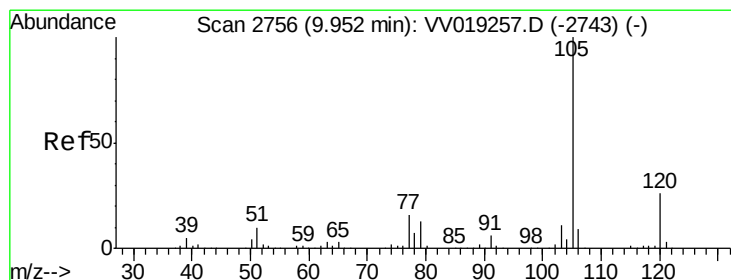
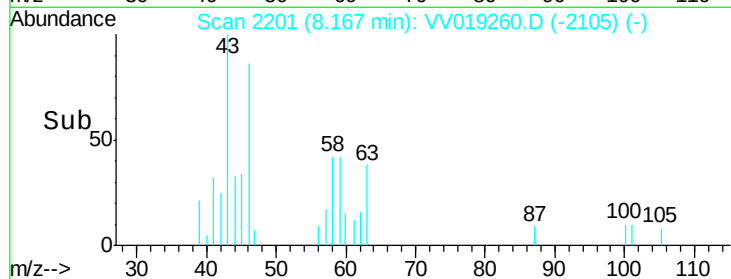
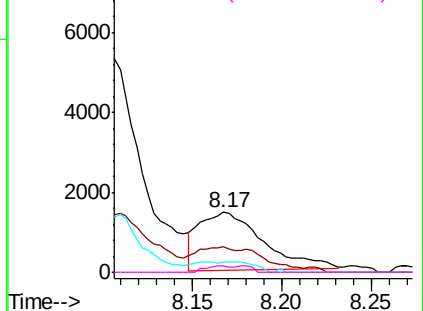
#48
2-Hexanone
Concen: 2.371 ug/L
RT: 8.17 min Scan# 2201
Delta R.T. 0.01 min
Lab File: VV019260.D
Acq: 04 Nov 2020 22:45

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 3643
Ion Ratio Lower Upper
43 100
58 10.4 42.6 63.8#
57 1.8 15.8 23.8#
100 4.0 10.4 15.6#

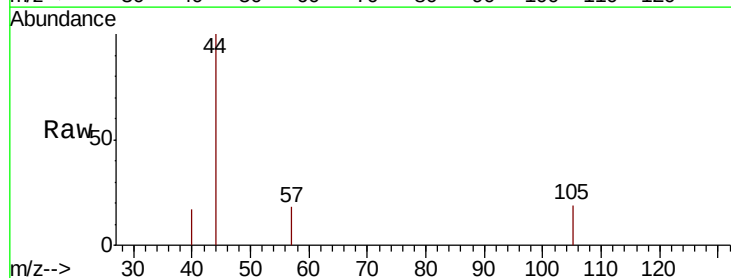


Abundance Ion 43.00 (42.70 to 43.70): VV019260.D (-2188) (-)
Ion 58.00 (57.70 to 58.70): VV019260.D (-2188) (-)
Ion 57.00 (56.70 to 57.70): VV019260.D (-2188) (-)
Ion 100.00 (99.70 to 100.70): VV019260.D (-2188) (-)

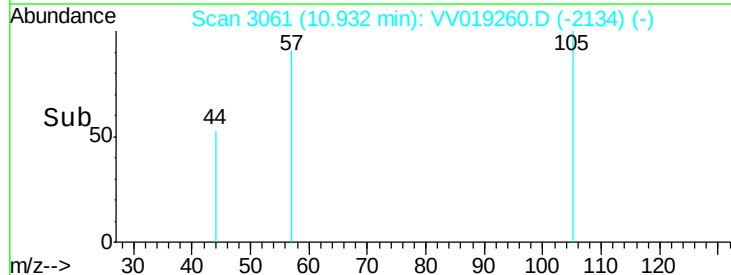
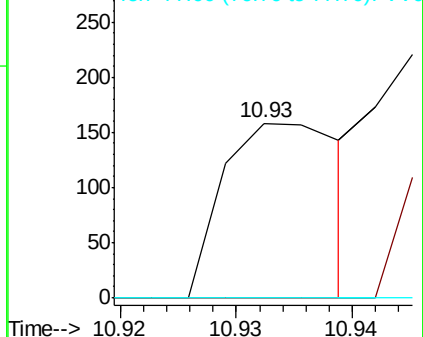


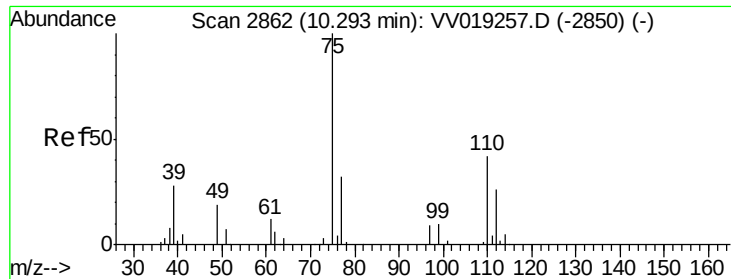
#60
Isopropylbenzene
Concen: 0.020 ug/L
RT: 10.93 min Scan# 3061
Delta R.T. 0.98 min
Lab File: VV019260.D
Acq: 04 Nov 2020 22:45

Tgt Ion: 105 Resp: 112
Ion Ratio Lower Upper
105 100
120 0.0 21.0 31.4#
77 0.0 13.0 19.6#



Abundance Ion 105.00 (104.70 to 105.70): VV019260.D (-2134) (-)
Ion 120.00 (119.70 to 120.70): VV019260.D (-2134) (-)
Ion 77.00 (76.70 to 77.70): VV019260.D (-2134) (-)

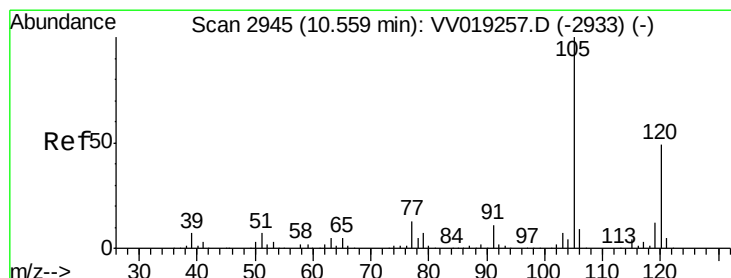
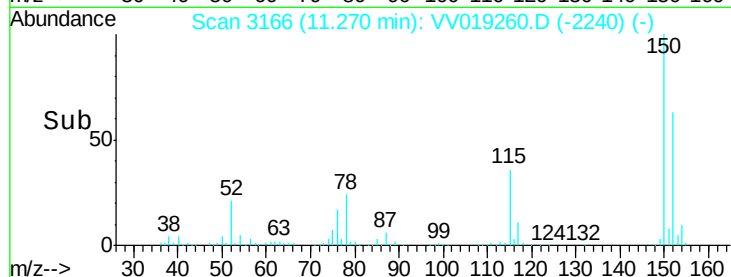
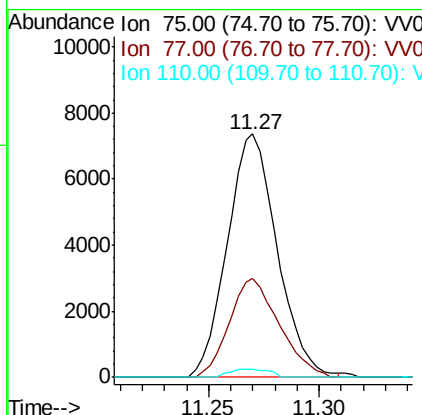
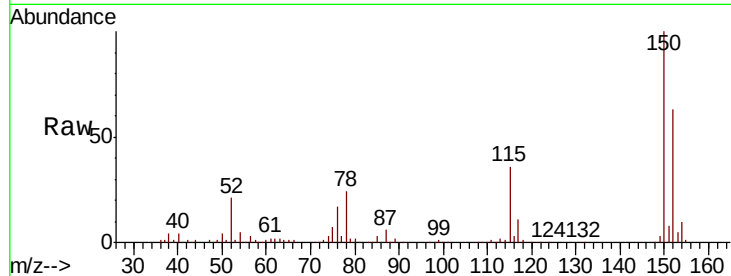




#61
 1,2,3-Trichloropropane
 Concen: 6.857 ug/L
 RT: 11.27 min Scan# 3166
 Delta R.T. 0.98 min
 Lab File: VV019260.D
 Acq: 04 Nov 2020 22:45

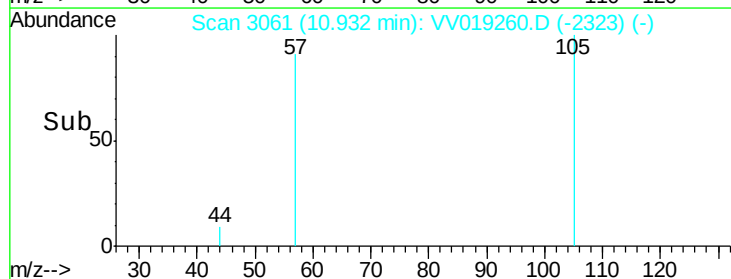
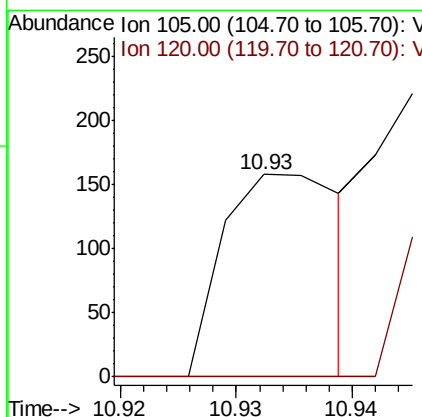
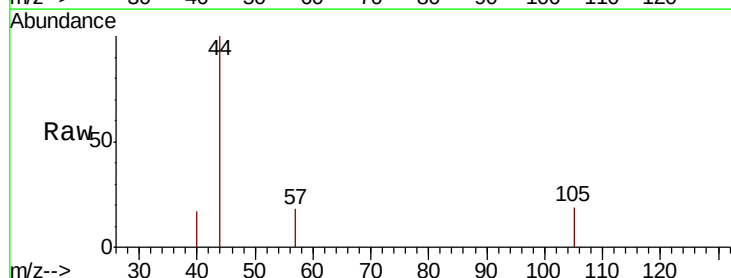
Instrument :
 MSVOA_V
 ClientSampleId :

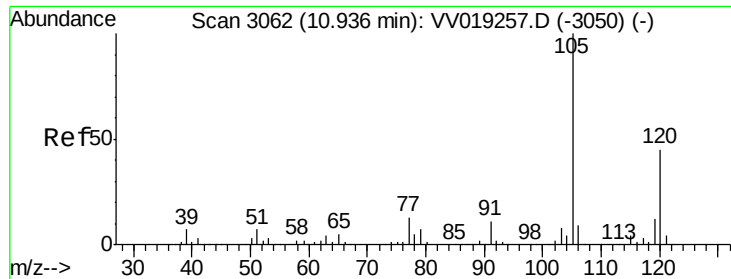
Tot Ion: 75 Resp: 11551
 Ion Ratio Lower Upper
 75 100
 77 40.6 24.8 37.2#
 110 2.7 33.4 50.2#



#62
 1,3,5-Trimethylbenzene
 Concen: 0.024 ug/L
 RT: 10.93 min Scan# 3061
 Delta R.T. 0.37 min
 Lab File: VV019260.D
 Acq: 04 Nov 2020 22:45

Tgt Ion: 105 Resp: 112
 Ion Ratio Lower Upper
 105 100
 120 0.0 38.3 57.5#





#63

1,2,4-Trimethylbenzene

Concen: 0.024 ug/L

RT: 10.93 min Scan# 3061

Delta R.T. -0.00 min

Lab File: VV019260.D

Acq: 04 Nov 2020 22:45

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion:105 Resp: 112

Ion Ratio Lower Upper

105 100

120 0.0 35.7 53.5#

