

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV110620\
 Data File : VV019259.D
 Acq On : 04 Nov 2020 21:58
 Operator : SY/MD
 Sample : VV1106WBL02
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 05 05:06:05 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	237034	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	228615	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.27	152	111627	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	80112	43.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.58%
7) Chloroethane-d5	1.58	69	68918	48.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.16%
11) 1,1-Dichloroethene-d2	2.12	63	121773	35.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.90%
21) 2-Butanone-d5	3.91	46	115191	114.20	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	114.20%
24) Chloroform-d	4.38	84	159884	46.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.40%
26) 1,2-Dichloroethane-d4	5.06	65	114086	47.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.64%
32) Benzene-d6	5.07	84	293257	46.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.92%
36) 1,2-Dichloropropane-d6	6.09	67	92730	49.20	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.40%
41) Toluene-d8	7.34	98	253611	43.13	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.26%
43) trans-1,3-Dichloropropene-	7.64	79	48270	45.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.46%
47) 2-Hexanone-d5	8.11	63	71933	98.31	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.31%
56) 1,1,2,2-Tetrachloroethane-	10.23	84	115986	46.19	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.38%
66) 1,2-Dichlorobenzene-d4	11.65	152	111514	49.93	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.86%

Target Compounds

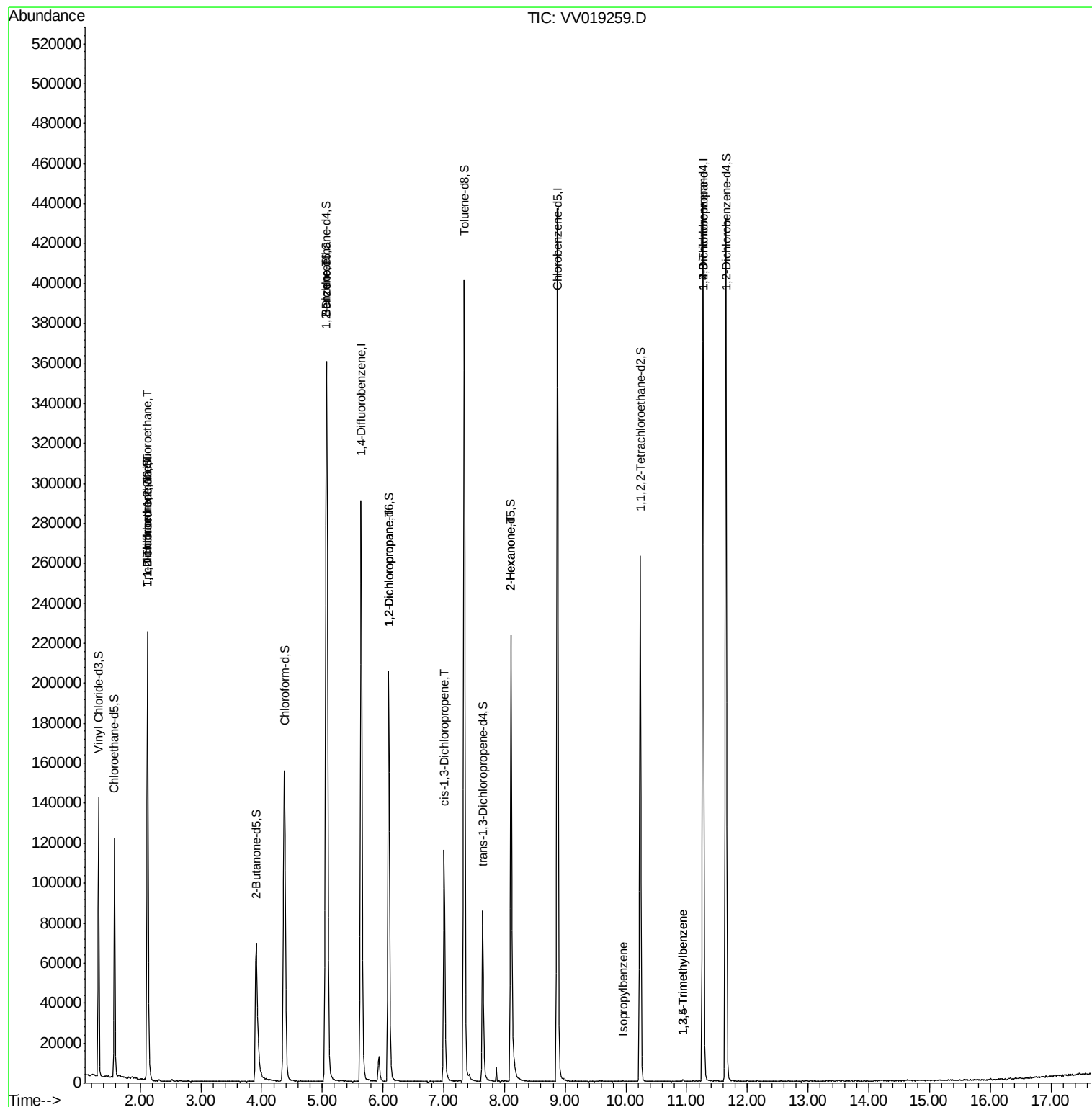
					Ovalue
9) Trichlorofluoromethane	2.12	101	1095	0.420 ug/L #	35
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1095	0.884 ug/L #	20
12) 1,1-Dichloroethene	2.12	96	983	0.768 ug/L #	1
33) Benzene	5.07	78	2401	0.423 ug/L	100
37) 1,2-Dichloropropane	6.09	63	11302	7.454 ug/L #	84
39) cis-1,3-Dichloropropene	7.01	75	3006	1.239 ug/L #	77
48) 2-Hexanone	8.11	43	10123	6.573 ug/L #	66
60) Isopropylbenzene	9.95	105	107	0.018 ug/L #	54
61) 1,2,3-Trichloropropane	11.27	75	11872	6.846 ug/L #	58
62) 1,3,5-Trimethylbenzene	10.94	105	328	0.067 ug/L	99
63) 1,2,4-Trimethylbenzene	10.94	105	328	0.069 ug/L	96

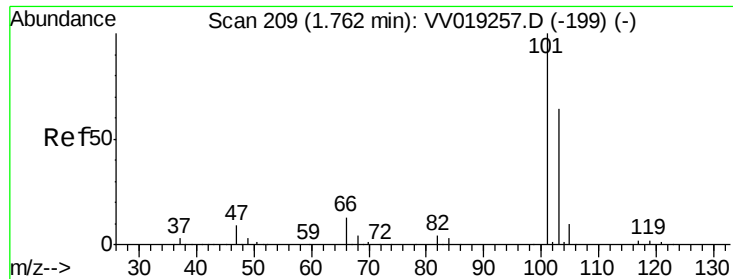
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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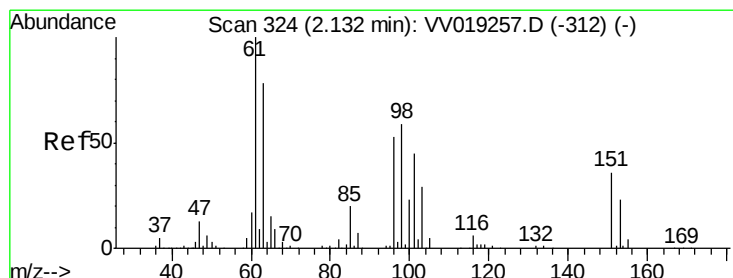
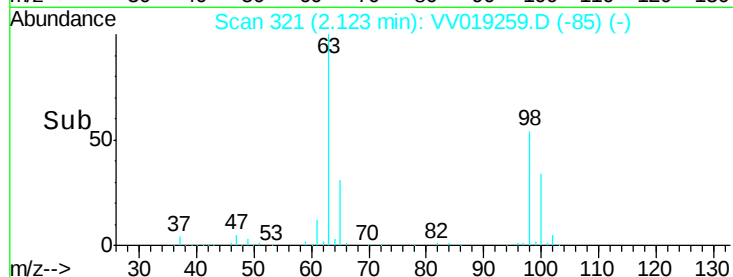
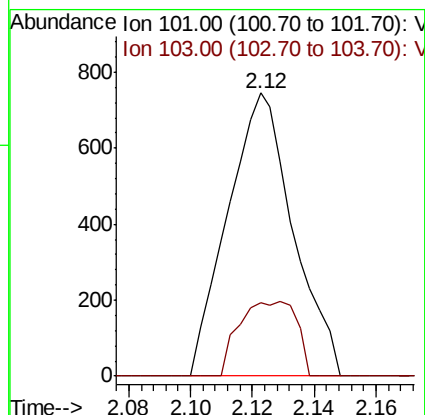
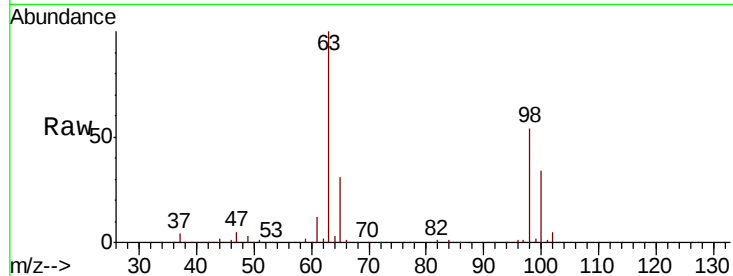


#9

Trichlorofluoromethane
 Concen: 0.420 ug/L
 RT: 2.12 min Scan# 321
 Delta R.T. 0.36 min
 Lab File: VV019259.D
 Acq: 04 Nov 2020 21:58

Instrument :
 MSVOA_V
 ClientSampleId :

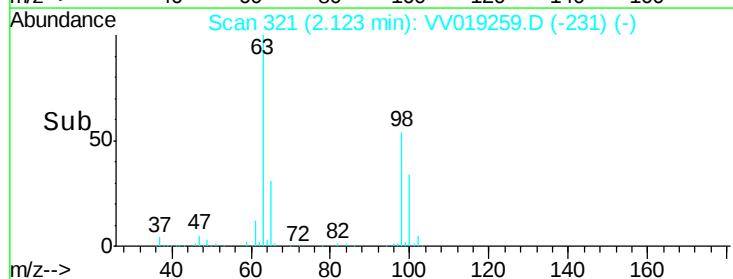
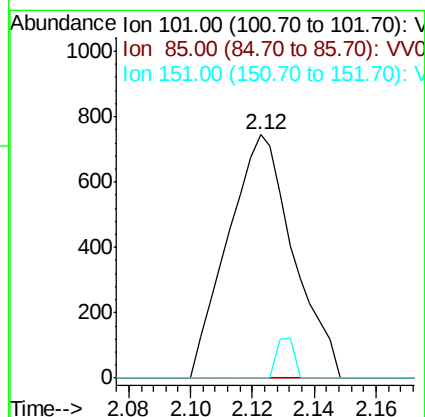
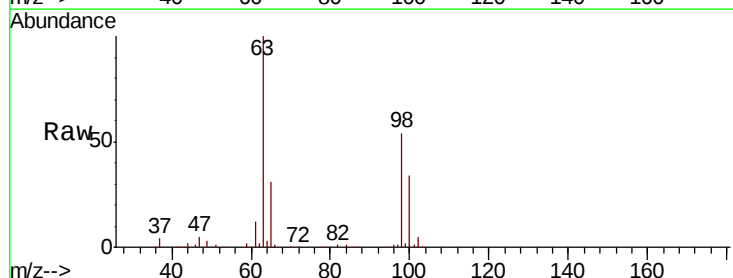
Tot Ion:101 Resp: 1095
 Ion Ratio Lower Upper
 101 100
 103 14.2 52.3 78.5#

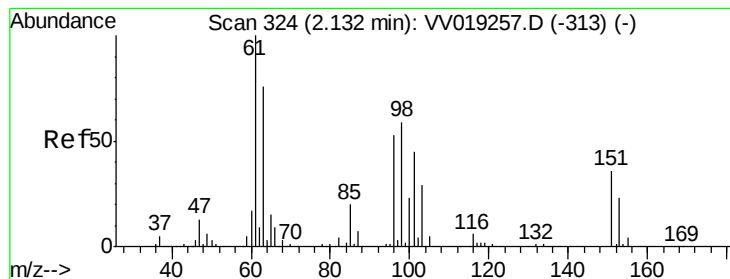


#10

1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.884 ug/L
 RT: 2.12 min Scan# 321
 Delta R.T. -0.01 min
 Lab File: VV019259.D
 Acq: 04 Nov 2020 21:58

Tgt Ion:101 Resp: 1095
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.6 53.4#
 151 4.3 64.1 96.1#





#12

1,1-Dichloroethene

Concen: 0.768 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV019259.D

Acq: 04 Nov 2020 21:58

Instrument :

MSVOA_V

ClientSampled :

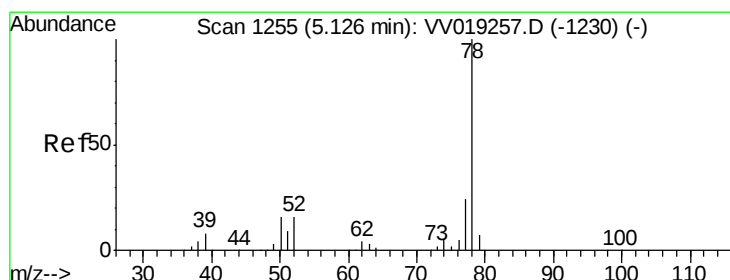
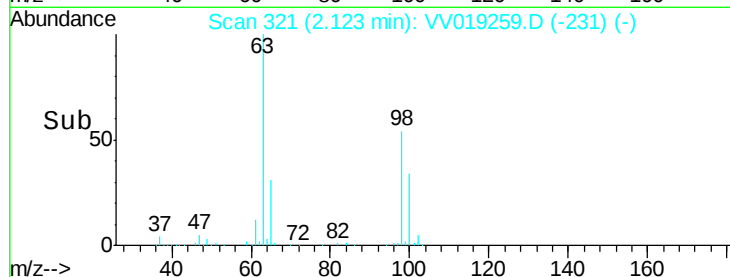
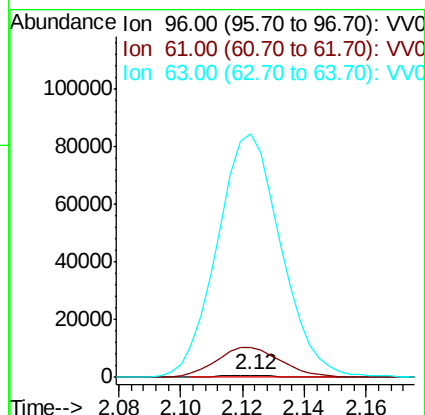
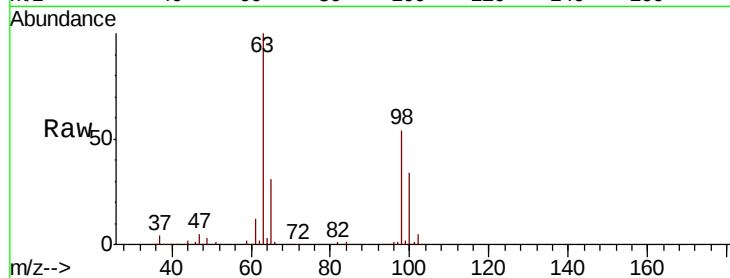
Tot Ion: 96 Resp: 983

Ion Ratio Lower Upper

96 100

61 1462.8 133.6 248.0#

63 11849.6 103.0 191.2#



#33

Benzene

Concen: 0.423 ug/L

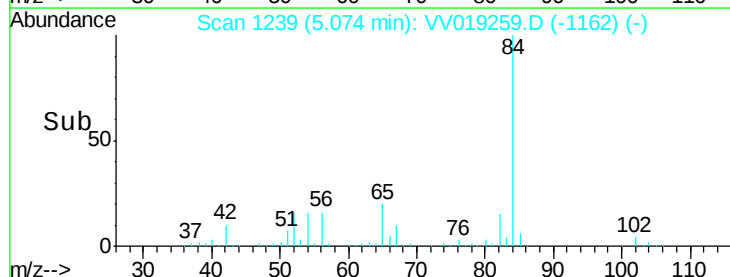
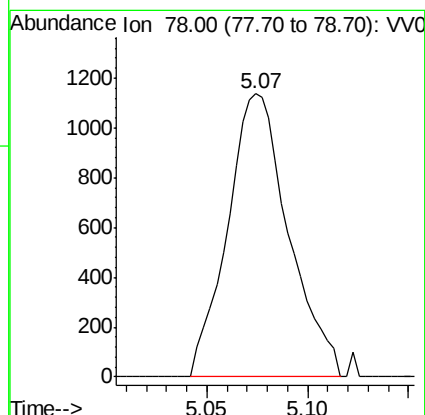
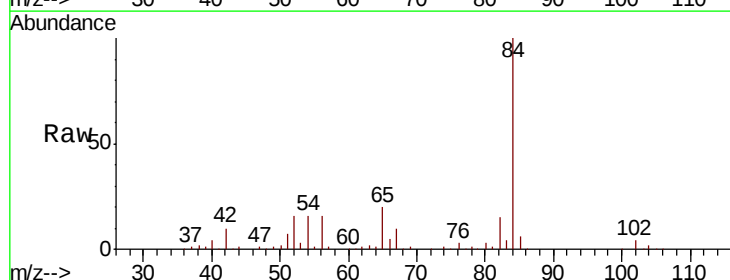
RT: 5.07 min Scan# 1239

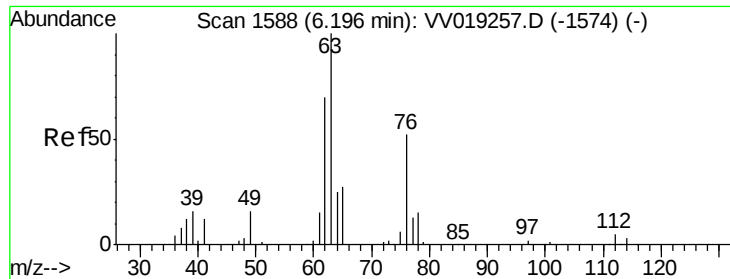
Delta R.T. -0.05 min

Lab File: VV019259.D

Acq: 04 Nov 2020 21:58

Tgt Ion: 78 Resp: 2401

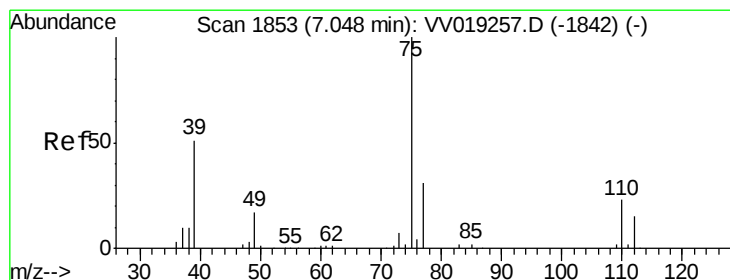
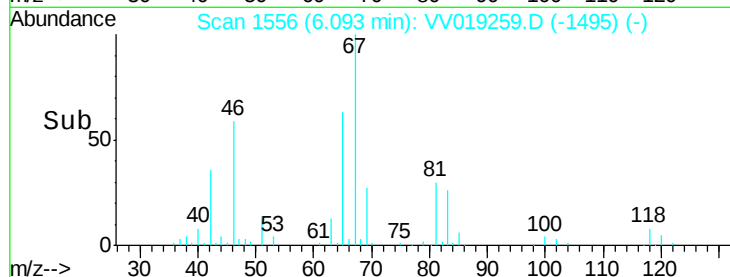
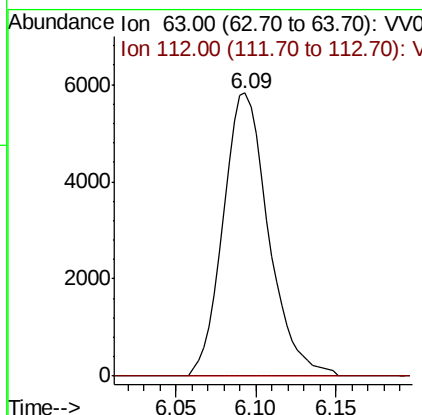
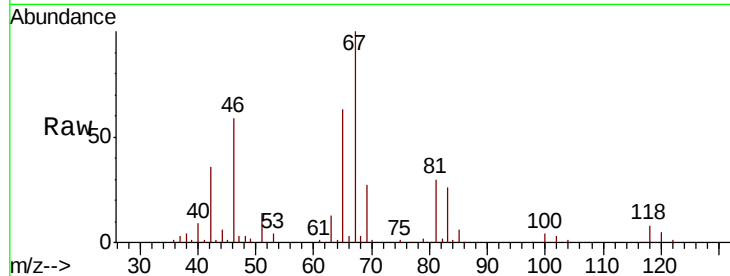




#37
 1,2-Dichloropropane
 Concen: 7.454 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.10 min
 Lab File: VV019259.D
 Acq: 04 Nov 2020 21:58

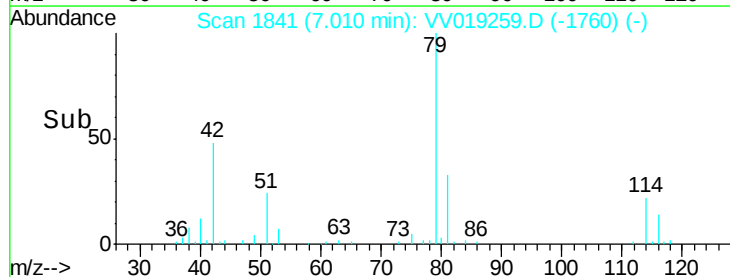
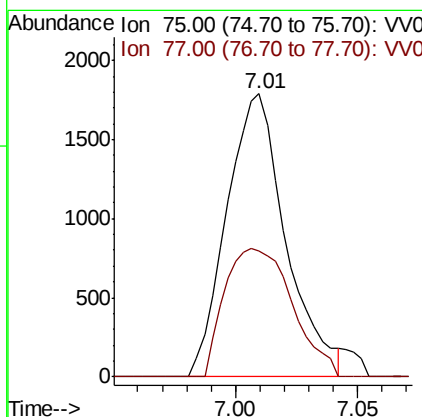
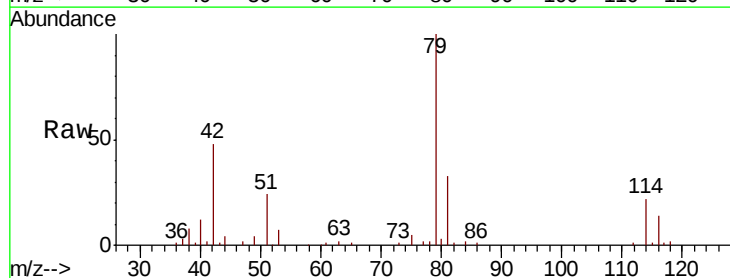
Instrument :
 MSVOA_V
 ClientSampleId :

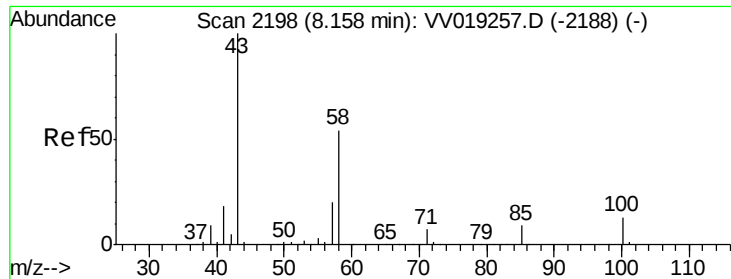
Tot Ion: 63 Resp: 11302
 Ion Ratio Lower Upper
 63 100
 112 0.0 4.2 6.2#



#39
 cis-1,3-Dichloropropene
 Concen: 1.239 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV019259.D
 Acq: 04 Nov 2020 21:58

Tgt Ion: 75 Resp: 3006
 Ion Ratio Lower Upper
 75 100
 77 44.4 22.2 41.2#

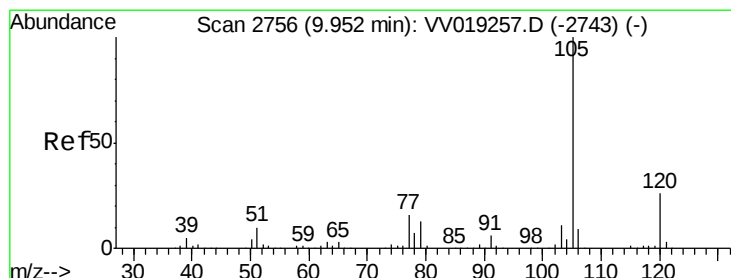
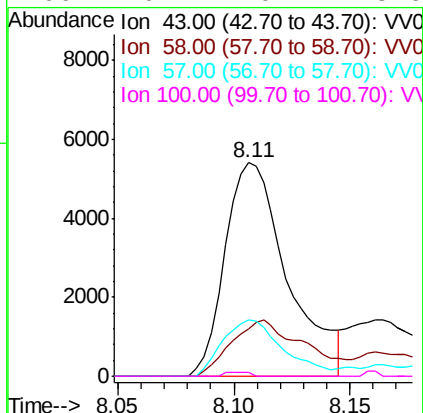
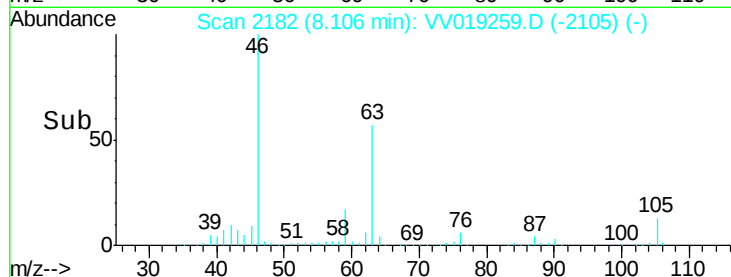
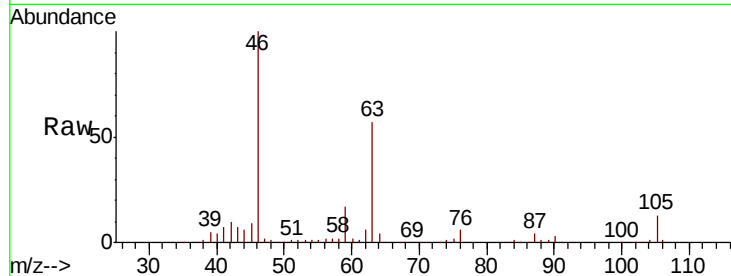




#48
2-Hexanone
Concen: 6.573 ug/L
RT: 8.11 min Scan# 2182
Delta R.T. -0.05 min
Lab File: VV019259.D
Acq: 04 Nov 2020 21:58

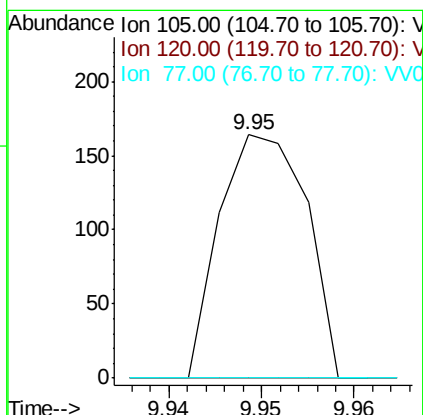
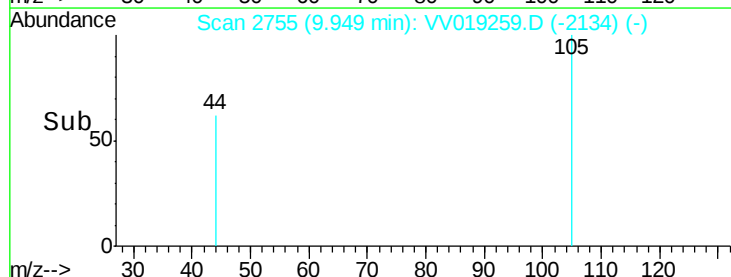
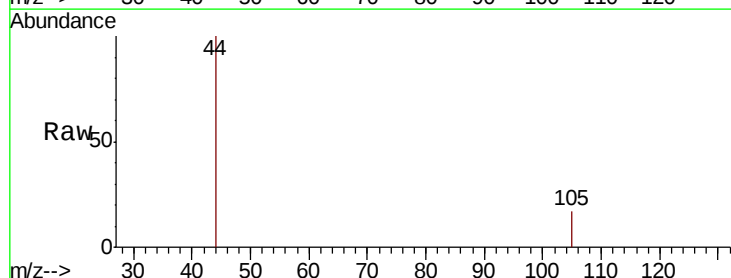
Instrument :
MSVOA_V
ClientSampleId :

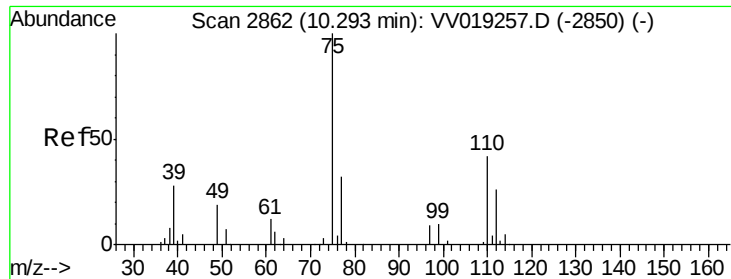
Tot Ion: 43 Resp: 10123
Ion Ratio Lower Upper
43 100
58 22.5 42.6 63.8#
57 25.5 15.8 23.8#
100 0.2 10.4 15.6#



#60
Isopropylbenzene
Concen: 0.018 ug/L
RT: 9.95 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VV019259.D
Acq: 04 Nov 2020 21:58

Tgt Ion: 105 Resp: 107
Ion Ratio Lower Upper
105 100
120 0.0 21.0 31.4#
77 0.0 13.0 19.6#

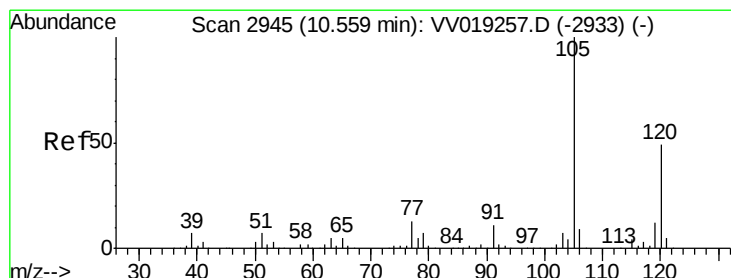
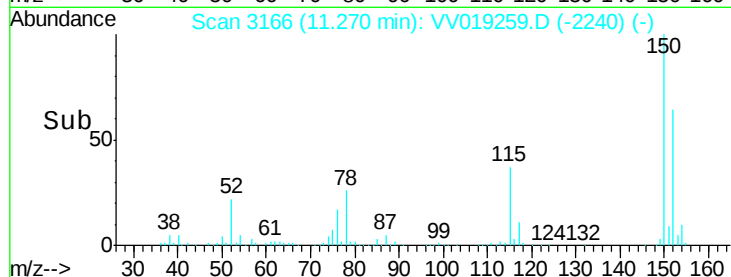
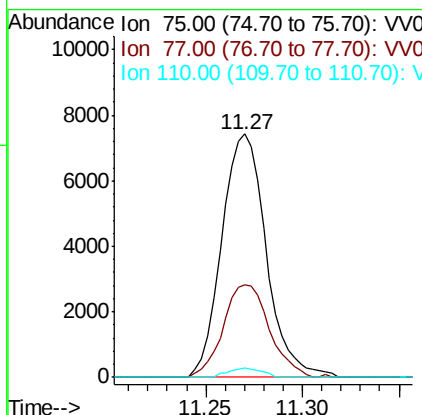
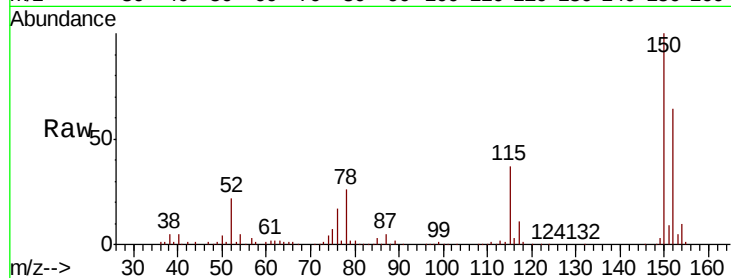




#61
 1,2,3-Trichloropropane
 Concen: 6.846 ug/L
 RT: 11.27 min Scan# 3166
 Delta R.T. 0.98 min
 Lab File: VV019259.D
 Acq: 04 Nov 2020 21:58

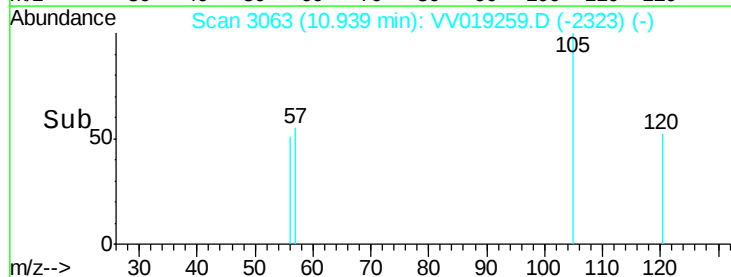
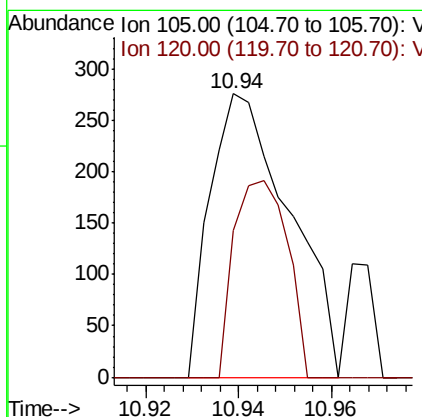
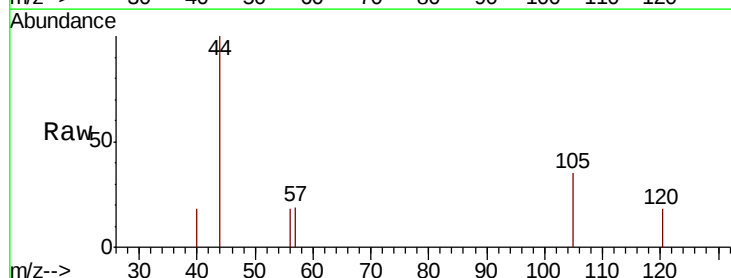
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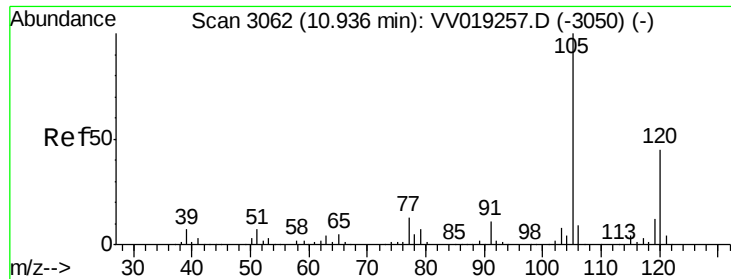
Tot Ion: 75 Resp: 11872
 Ion Ratio Lower Upper
 75 100
 77 39.4 24.8 37.2#
 110 2.8 33.4 50.2#



#62
 1,3,5-Trimethylbenzene
 Concen: 0.067 ug/L
 RT: 10.94 min Scan# 3063
 Delta R.T. 0.38 min
 Lab File: VV019259.D
 Acq: 04 Nov 2020 21:58

Tgt Ion: 105 Resp: 328
 Ion Ratio Lower Upper
 105 100
 120 47.0 38.3 57.5





#63

1,2,4-Trimethylbenzene

Concen: 0.069 ug/L

RT: 10.94 min Scan# 3063

Delta R.T. 0.00 min

Lab File: VV019259.D

Acq: 04 Nov 2020 21:58

Instrument :

MSVOA_V

ClientSampleId :

Tot Ion:105 Resp: 328

Ion Ratio Lower Upper

105 100

120 47.0 35.7 53.5

