

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV110620\
 Data File : VV019261.D
 Acq On : 04 Nov 2020 23:09
 Operator : SY/MD
 Sample : VV1106MBL02
 Misc : 5.0µ/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 05 05:06:25 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	234675	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	227126	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.27	152	110263	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	78127	43.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	86.28%
7) Chloroethane-d5	1.58	69	68846	48.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.02%
11) 1,1-Dichloroethene-d2	2.12	63	119620	35.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	71.34%
21) 2-Butanone-d5	3.91	46	112436	112.59	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.59%
24) Chloroform-d	4.38	84	156059	46.04	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.08%
26) 1,2-Dichloroethane-d4	5.06	65	114065	48.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.60%
32) Benzene-d6	5.07	84	294581	46.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.94%
36) 1,2-Dichloropropane-d6	6.09	67	93750	50.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.14%
41) Toluene-d8	7.34	98	259072	44.34	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.68%
43) trans-1,3-Dichloropropene-	7.64	79	47457	44.76	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.52%
47) 2-Hexanone-d5	8.11	63	68314	93.98	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.98%
56) 1,1,2,2-Tetrachloroethane-	10.23	84	115401	46.25	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.50%
66) 1,2-Dichlorobenzene-d4	11.65	152	111670	50.62	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.24%

Target Compounds

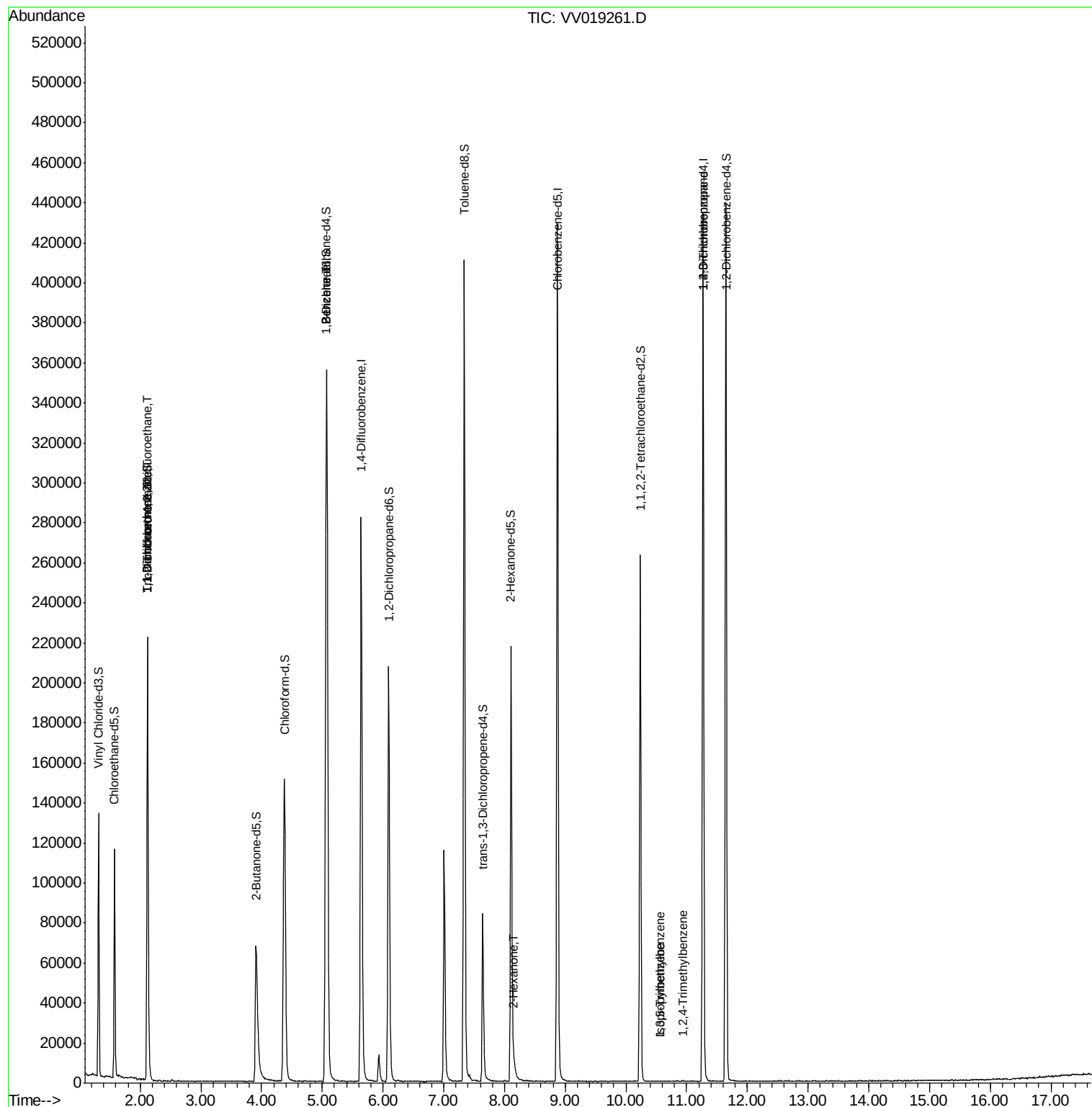
					Ovalue
9) Trichlorofluoromethane	2.13	101	1125	0.436 ug/L #	27
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1125	0.918 ug/L #	17
12) 1,1-Dichloroethene	2.12	96	1012	0.799 ug/L #	1
33) Benzene	5.08	78	2457	0.435 ug/L	100
48) 2-Hexanone	8.16	43	4296	2.808 ug/L #	60
60) Isopropylbenzene	10.57	105	65	0.011 ug/L #	54
61) 1,2,3-Trichloropropane	11.27	75	12362	7.216 ug/L #	58
62) 1,3,5-Trimethylbenzene	10.57	105	65	0.014 ug/L #	29
63) 1,2,4-Trimethylbenzene	10.94	105	193	0.041 ug/L #	31

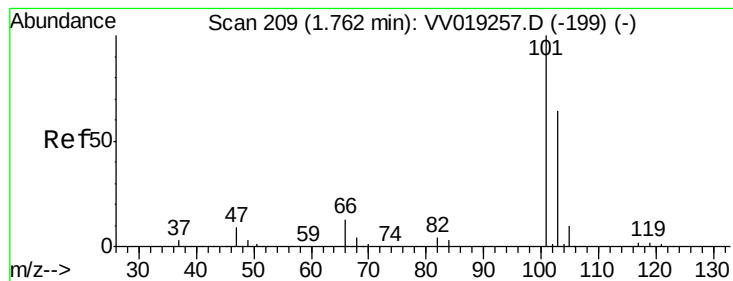
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Nov 05 04:58:48 2020
Response via : Initial Calibration





#9

Trichlorofluoromethane

Concen: 0.436 ug/L

RT: 2.13 min Scan# 322

Delta R.T. 0.36 min

Lab File: VV019261.D

Acq: 04 Nov 2020 23:09

Instrument :

MSVOA_V

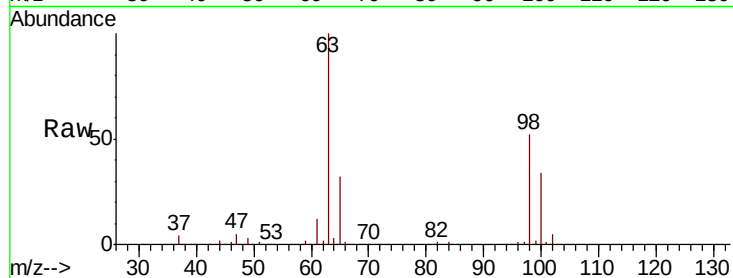
ClientSampleId :

Tot Ion:101 Resp: 1125

Ion Ratio Lower Upper

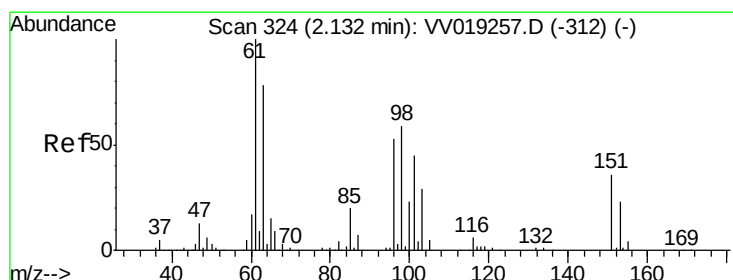
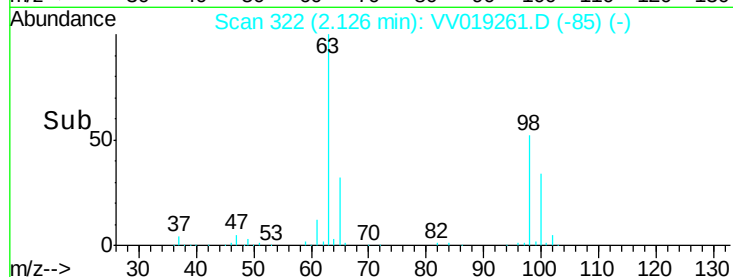
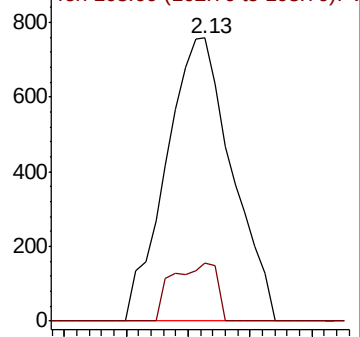
101 100

103 7.6 52.3 78.5#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#10

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

Concen: 0.918 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV019261.D

Acq: 04 Nov 2020 23:09

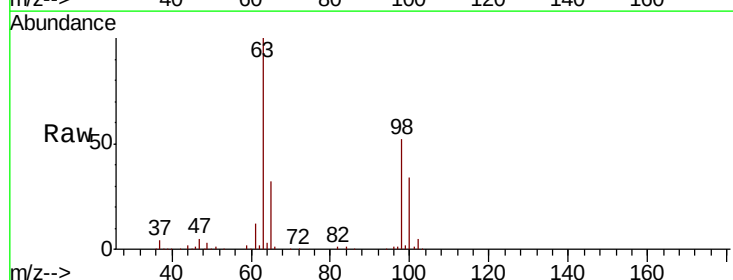
Tgt Ion:101 Resp: 1125

Ion Ratio Lower Upper

101 100

85 0.0 35.6 53.4#

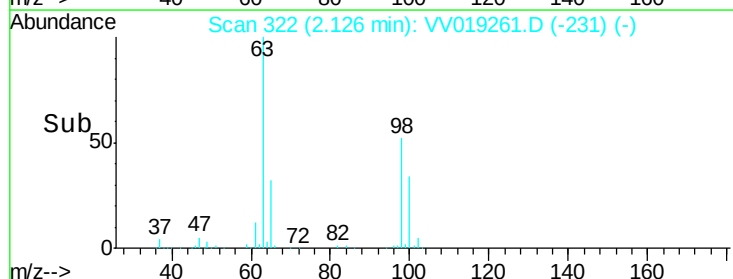
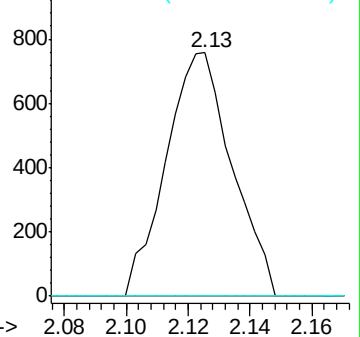
151 0.0 64.1 96.1#

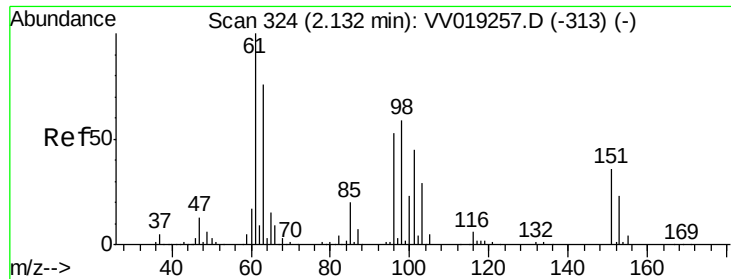


Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V

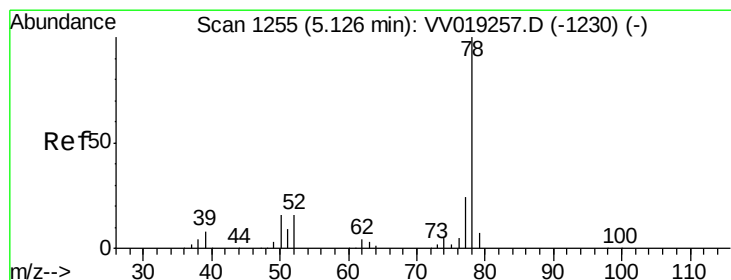
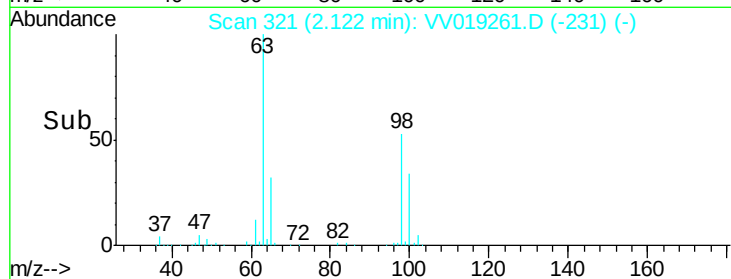
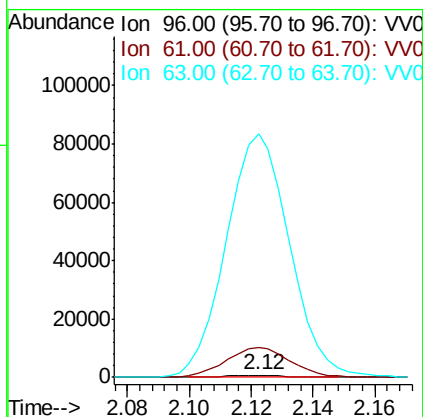
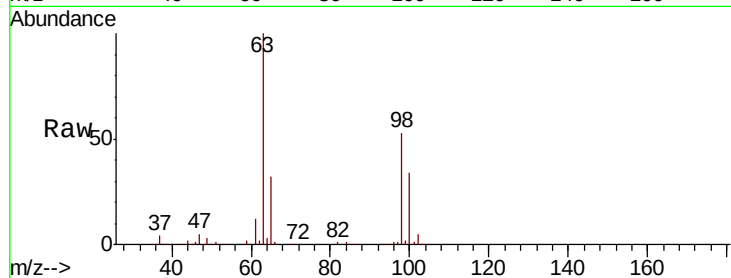




#12
 1,1-Dichloroethene
 Concen: 0.799 ug/L
 RT: 2.12 min Scan# 321
 Delta R.T. -0.01 min
 Lab File: VV019261.D
 Acq: 04 Nov 2020 23:09

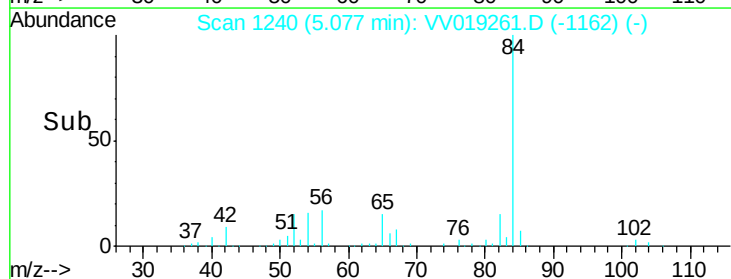
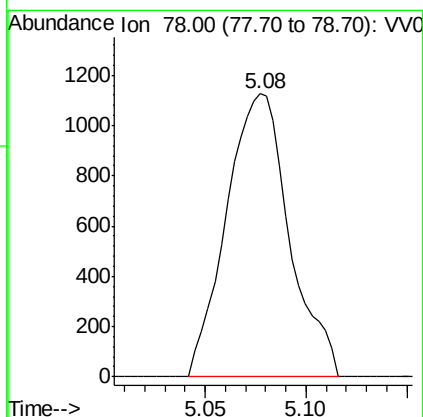
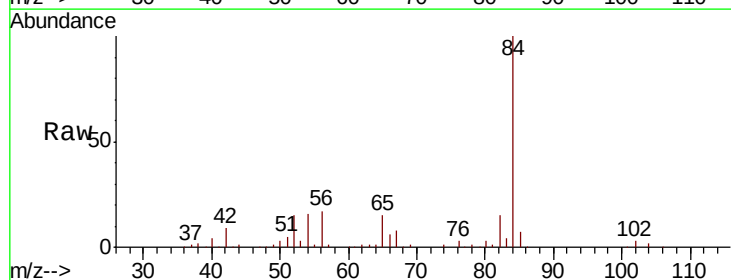
Instrument :
 MSVOA_V
 ClientSampled :

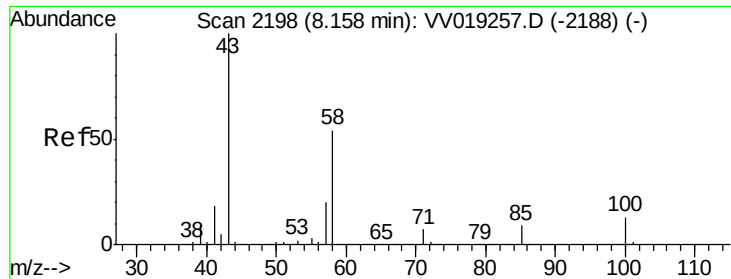
Tot Ion: 96 Resp: 1012
 Ion Ratio Lower Upper
 96 100
 61 1476.2 133.6 248.0#
 63 11874.8 103.0 191.2#



#33
 Benzene
 Concen: 0.435 ug/L
 RT: 5.08 min Scan# 1240
 Delta R.T. -0.05 min
 Lab File: VV019261.D
 Acq: 04 Nov 2020 23:09

Tgt Ion: 78 Resp: 2457





#48

2-Hexanone

Concen: 2.808 ug/L

RT: 8.16 min Scan# 2199

Delta R.T. 0.00 min

Lab File: VV019261.D

Acq: 04 Nov 2020 23:09

Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 43 Resp: 4296

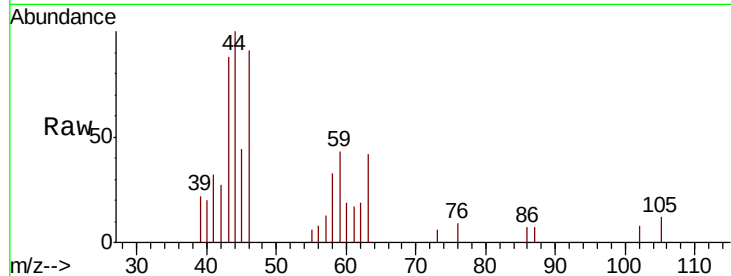
Ion Ratio Lower Upper

43 100

58 23.2 42.6 63.8#

57 1.4 15.8 23.8#

100 1.6 10.4 15.6#

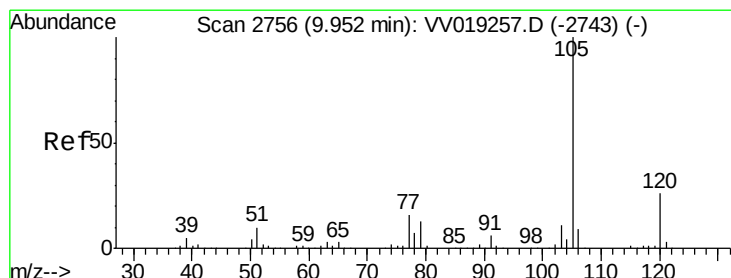
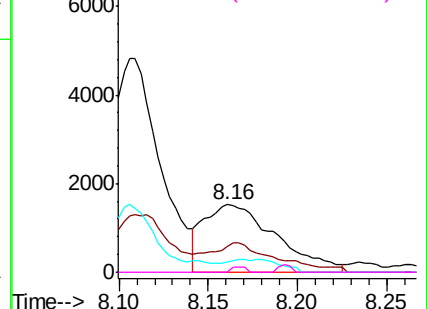
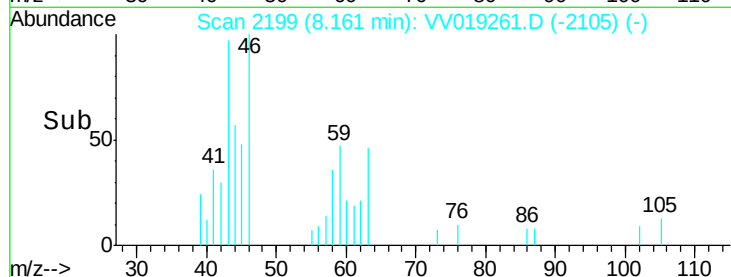


Abundance Ion 43.00 (42.70 to 43.70): VV019261.D (-2188) (-)

Ion 58.00 (57.70 to 58.70): VV019261.D (-2188) (-)

Ion 57.00 (56.70 to 57.70): VV019261.D (-2188) (-)

Ion 100.00 (99.70 to 100.70): VV019261.D (-2188) (-)



#60

Isopropylbenzene

Concen: 0.011 ug/L

RT: 10.57 min Scan# 2947

Delta R.T. 0.61 min

Lab File: VV019261.D

Acq: 04 Nov 2020 23:09

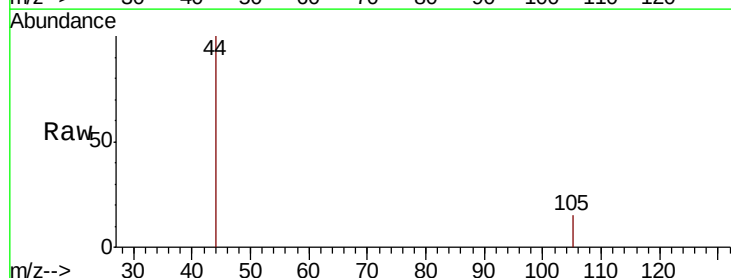
Tgt Ion: 105 Resp: 65

Ion Ratio Lower Upper

105 100

120 0.0 21.0 31.4#

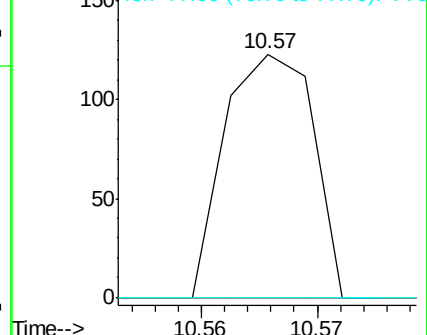
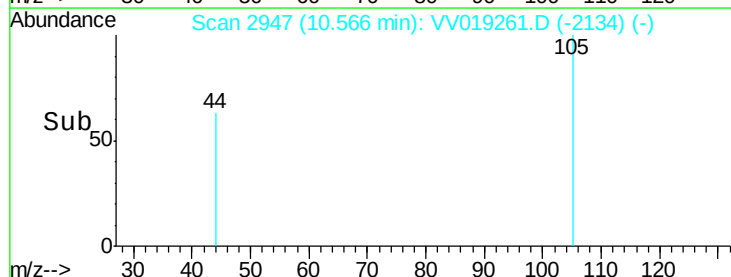
77 0.0 13.0 19.6#

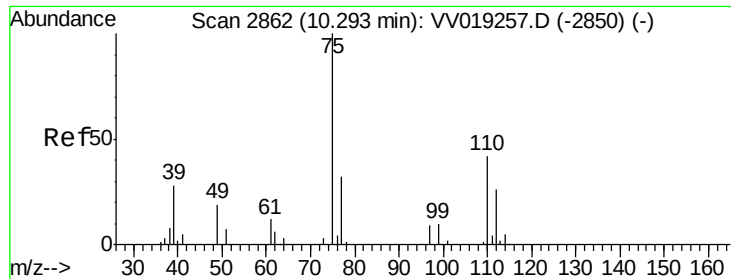


Abundance Ion 105.00 (104.70 to 105.70): VV019261.D (-2743) (-)

Ion 120.00 (119.70 to 120.70): VV019261.D (-2743) (-)

Ion 77.00 (76.70 to 77.70): VV019261.D (-2743) (-)

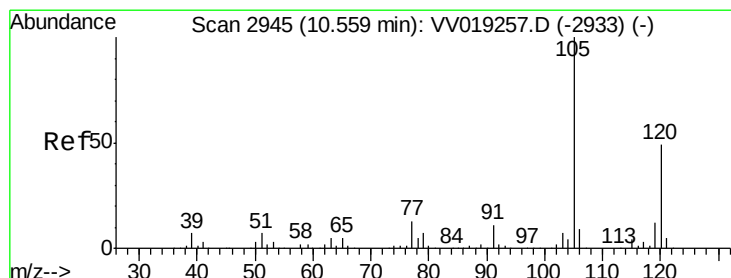
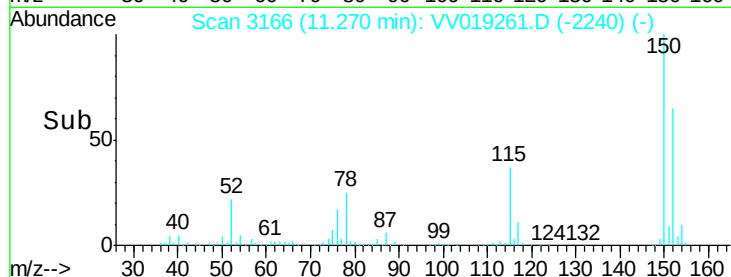
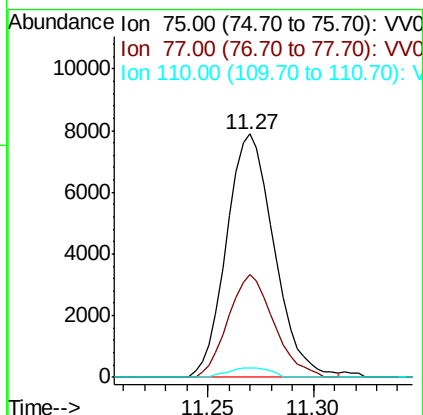
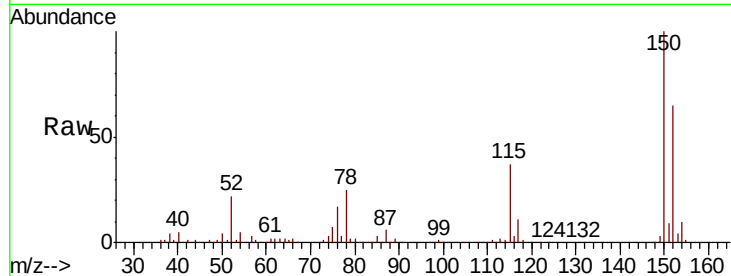




#61
 1,2,3-Trichloropropane
 Concen: 7.216 ug/L
 RT: 11.27 min Scan# 3166
 Delta R.T. 0.98 min
 Lab File: VV019261.D
 Acq: 04 Nov 2020 23:09

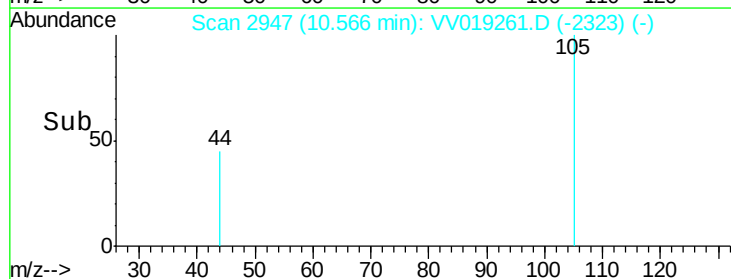
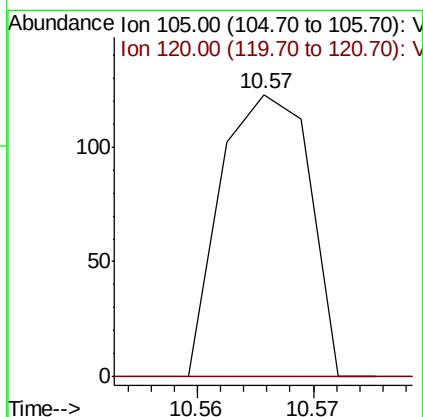
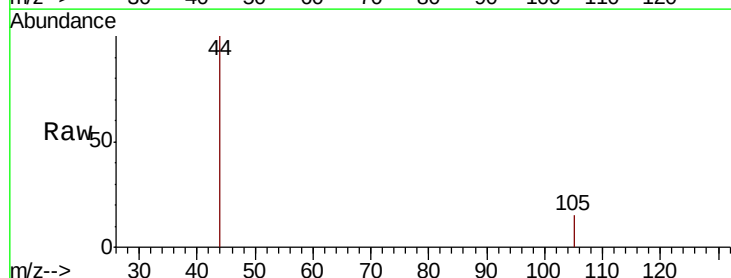
Instrument :
 MSVOA_V
 ClientSampled :

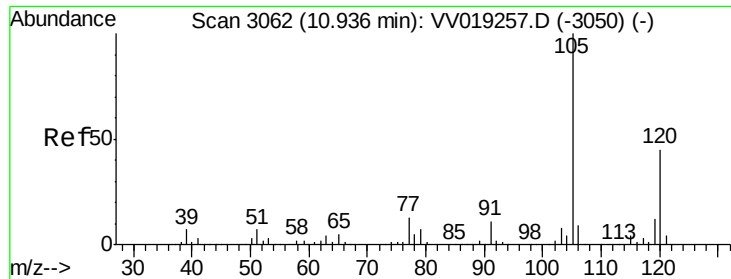
Tot Ion: 75 Resp: 12362
 Ion Ratio Lower Upper
 75 100
 77 40.5 24.8 37.2#
 110 3.6 33.4 50.2#



#62
 1,3,5-Trimethylbenzene
 Concen: 0.014 ug/L
 RT: 10.57 min Scan# 2947
 Delta R.T. 0.01 min
 Lab File: VV019261.D
 Acq: 04 Nov 2020 23:09

Tgt Ion: 105 Resp: 65
 Ion Ratio Lower Upper
 105 100
 120 0.0 38.3 57.5#





#63
 1,2,4-Trimethylbenzene
 Concen: 0.041 ug/L
 RT: 10.94 min Scan# 3064
 Delta R.T. 0.01 min
 Lab File: VV019261.D
 Acq: 04 Nov 2020 23:09

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion:105 Resp: 193
 Ion Ratio Lower Upper
 105 100
 120 0.0 35.7 53.5#

