

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV110420\
 Data File : VV019231.D
 Acq On : 03 Nov 2020 12:50
 Operator : SY/MD
 Sample : VV1104WBL01
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK312

Quant Time: Nov 04 07:13:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVLM110320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Nov 04 07:03:57 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	245295	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	236205	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.27	152	119863	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	85861	45.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.72%
7) Chloroethane-d5	1.58	69	73656	49.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.30%
11) 1,1-Dichloroethene-d2	2.12	63	135991	38.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.60%
21) 2-Butanone-d5	3.91	46	107491	102.98	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.98%
24) Chloroform-d	4.37	84	165425	46.69	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.38%
26) 1,2-Dichloroethane-d4	5.05	65	120644	48.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.74%
32) Benzene-d6	5.07	84	320471	49.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.28%
36) 1,2-Dichloropropane-d6	6.09	67	94996	48.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.56%
41) Toluene-d8	7.34	98	290487	47.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.62%
43) trans-1,3-Dichloropropene-	7.64	79	52074	47.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.46%
47) 2-Hexanone-d5	8.11	63	70705	93.53	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	93.53%
56) 1,1,2,2-Tetrachloroethane-	10.23	84	116627	44.95	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.90%
66) 1,2-Dichlorobenzene-d4	11.65	152	122873	51.24	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.48%

Target Compounds

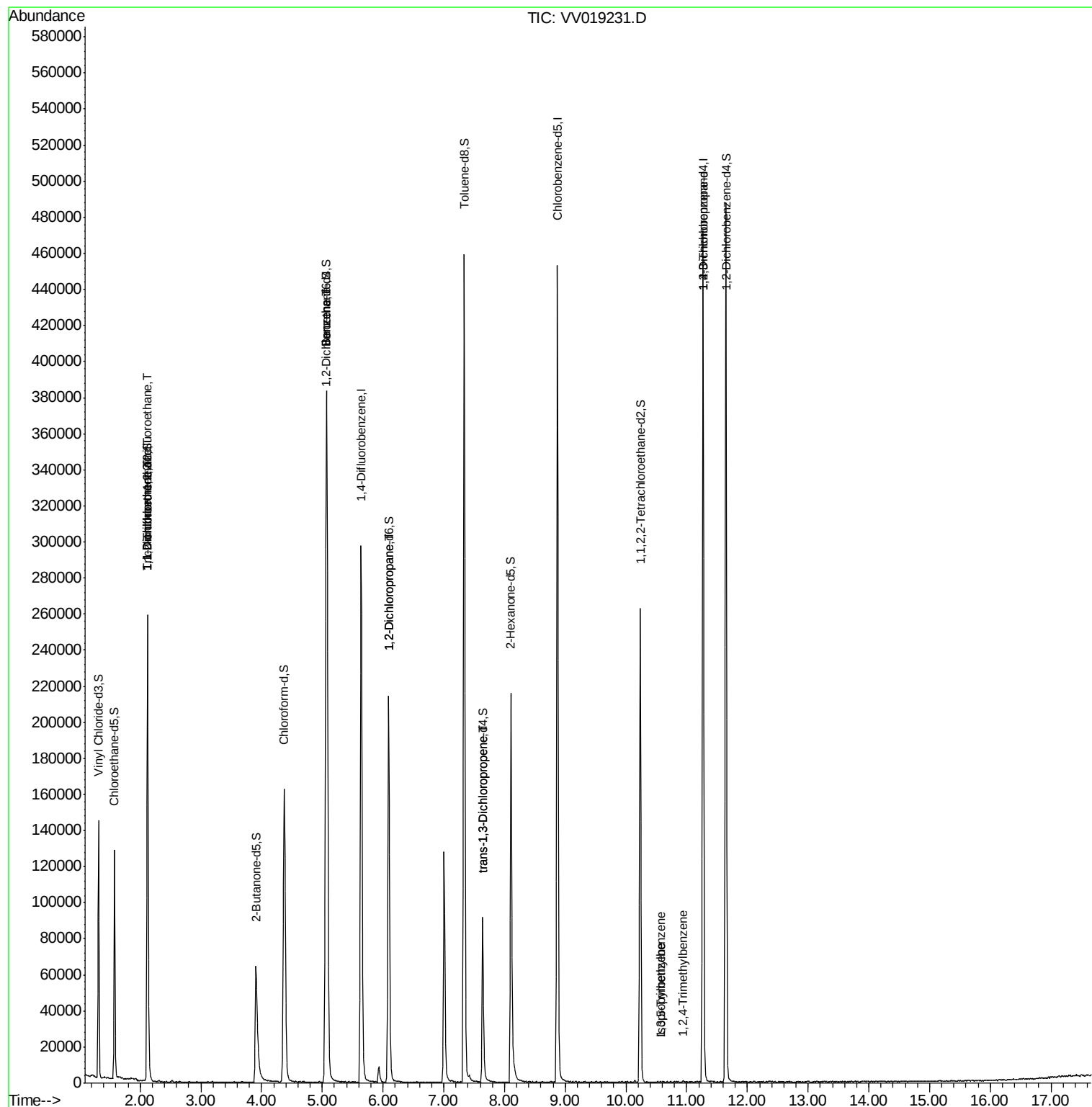
					Ovalue
9) Trichlorofluoromethane	2.13	101	1195	0.443 ug/L #	31
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1195	0.933 ug/L #	17
12) 1,1-Dichloroethene	2.12	96	1052	0.794 ug/L #	1
33) Benzene	5.08	78	2354	0.401 ug/L	100
37) 1,2-Dichloropropane	6.09	63	11726	7.485 ug/L #	84
44) trans-1,3-Dichloropropene	7.64	75	2337	0.910 ug/L #	69
60) Isopropylbenzene	10.56	105	130	0.021 ug/L #	54
61) 1,2,3-Trichloropropane	11.27	75	12747	6.845 ug/L #	58
62) 1,3,5-Trimethylbenzene	10.56	105	130	0.025 ug/L #	29
63) 1,2,4-Trimethylbenzene	10.95	105	344	0.067 ug/L #	31

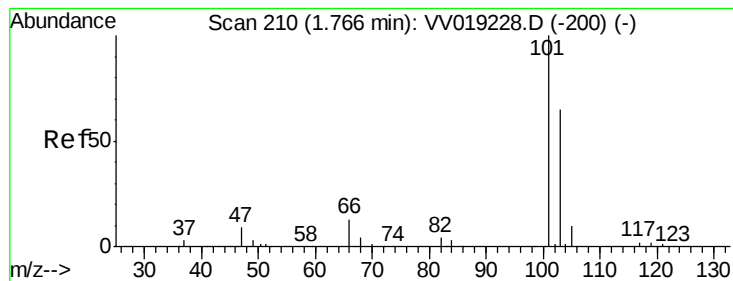
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VV019231.D
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Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VBLK312

Quant Time: Nov 04 07:13:25 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVLM110320WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Nov 04 07:03:57 2020
Response via : Initial Calibration





#9

Trichlorofluoromethane

Concen: 0.443 ug/L

RT: 2.13 min Scan# 322

Delta R.T. 0.36 min

Lab File: VV019231.D

Acq: 03 Nov 2020 12:50

Instrument :

MSVOA_V

ClientSampleId :

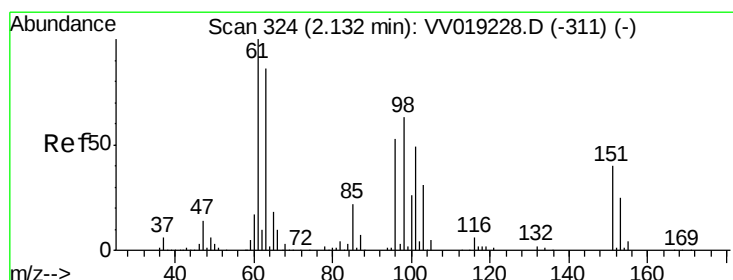
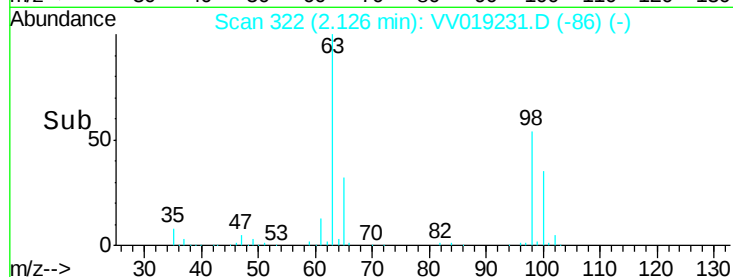
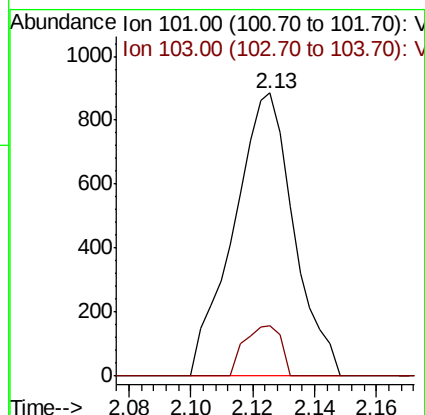
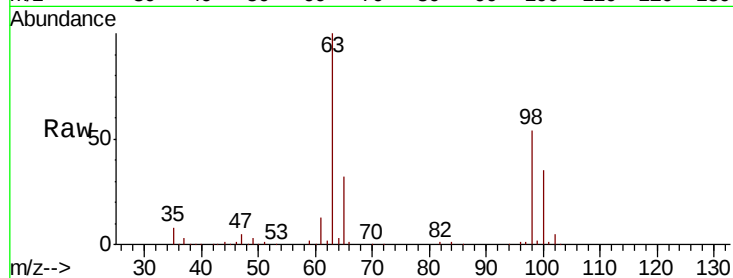
VBLK312

Tot Ion:101 Resp: 1195

Ion Ratio Lower Upper

101 100

103 10.8 52.3 78.5#



#10

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

Concen: 0.933 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV019231.D

Acq: 03 Nov 2020 12:50

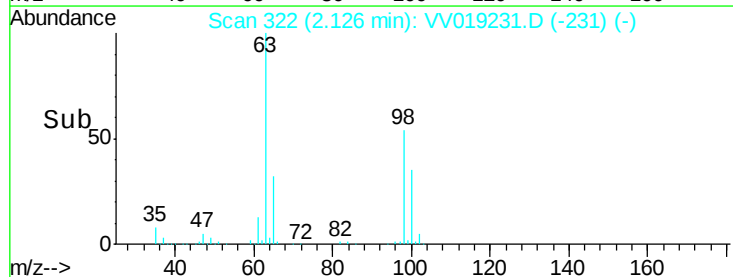
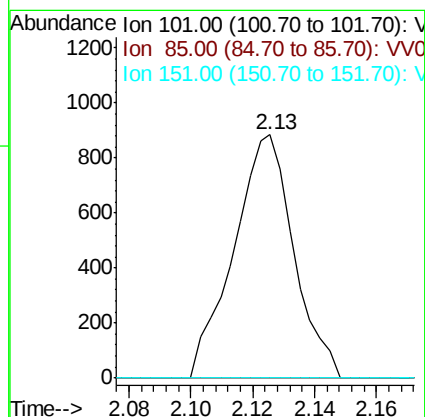
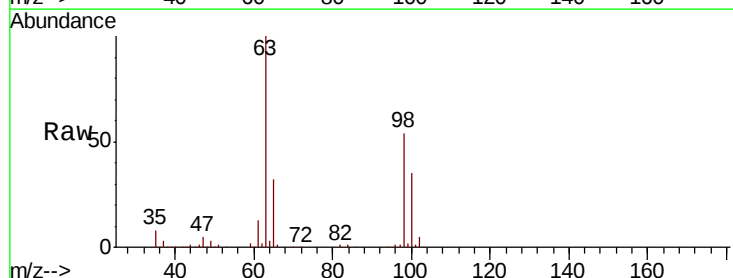
Tgt Ion:101 Resp: 1195

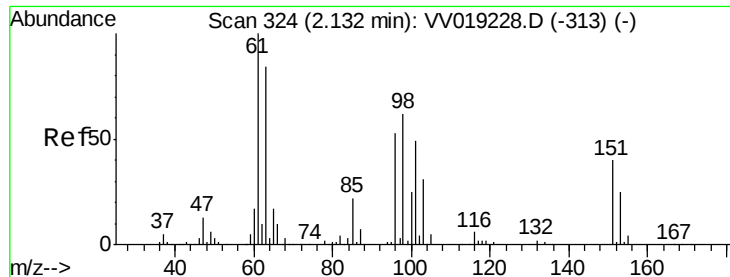
Ion Ratio Lower Upper

101 100

85 0.0 35.6 53.4#

151 0.0 64.1 96.1#

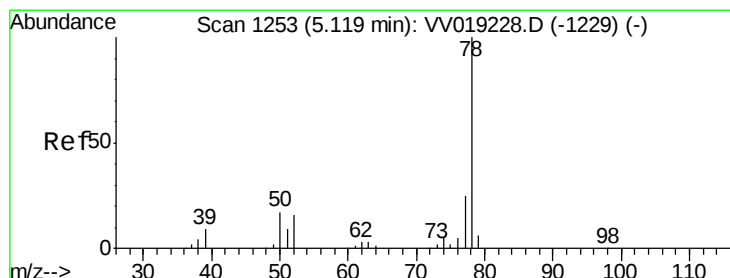
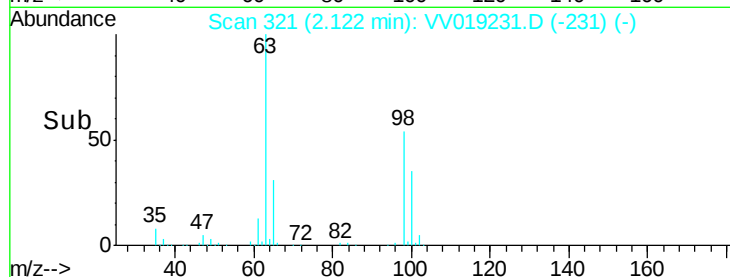
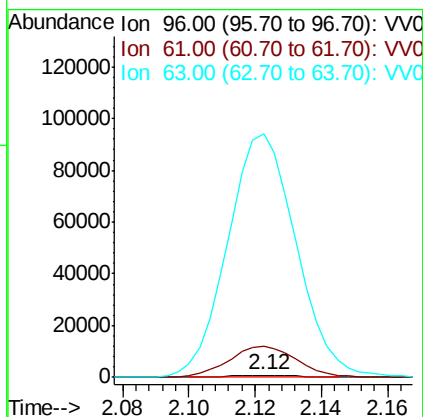
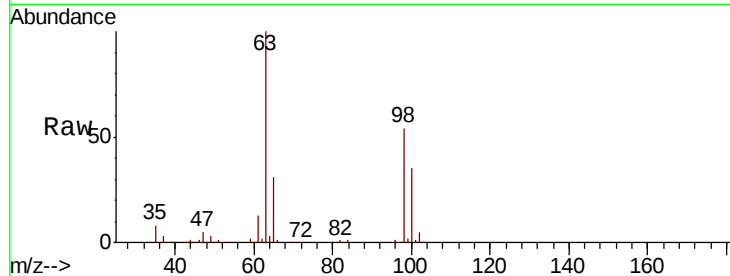




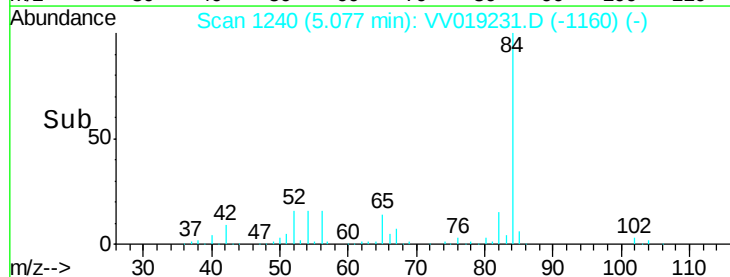
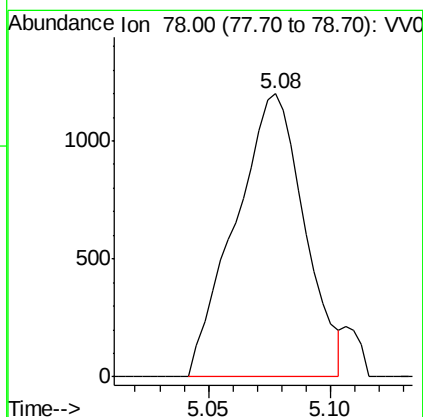
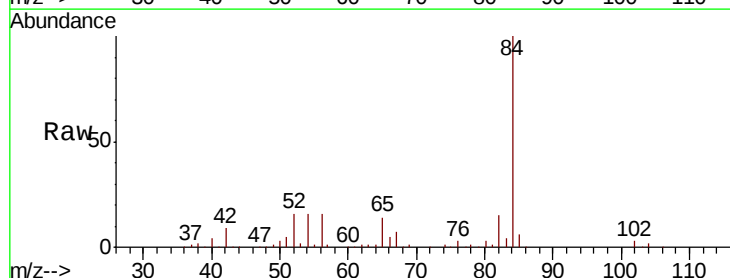
#12
 1,1-Dichloroethene
 Concen: 0.794 ug/L
 RT: 2.12 min Scan# 321
 Delta R.T. -0.01 min
 Lab File: VV019231.D
 Acq: 03 Nov 2020 12:50

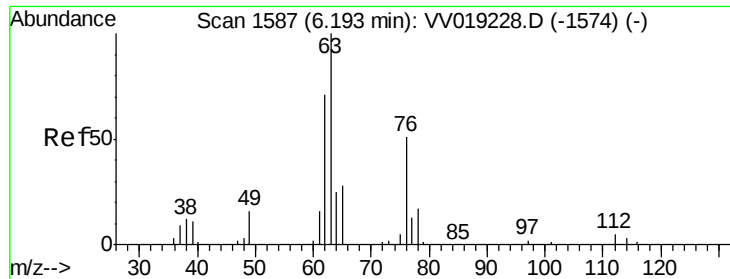
Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK312

Tot Ion: 96 Resp: 1052
 Ion Ratio Lower Upper
 96 100
 61 1573.6 133.6 248.0#
 63 12364.8 103.0 191.2#



#33
 Benzene
 Concen: 0.401 ug/L
 RT: 5.08 min Scan# 1240
 Delta R.T. -0.04 min
 Lab File: VV019231.D
 Acq: 03 Nov 2020 12:50
 Tgt Ion: 78 Resp: 2354

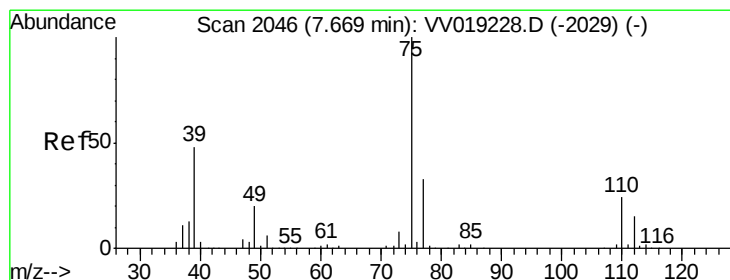
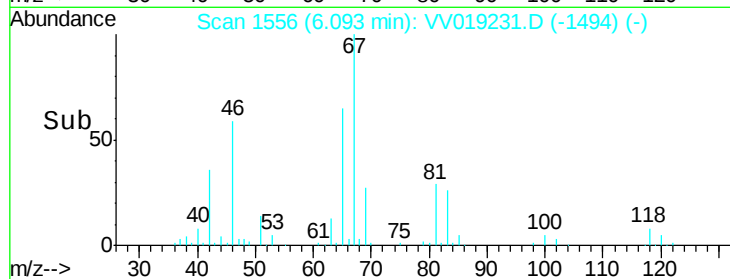
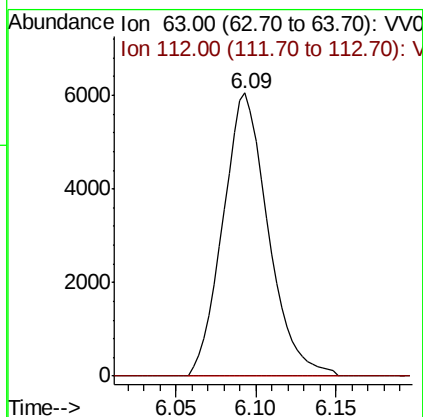
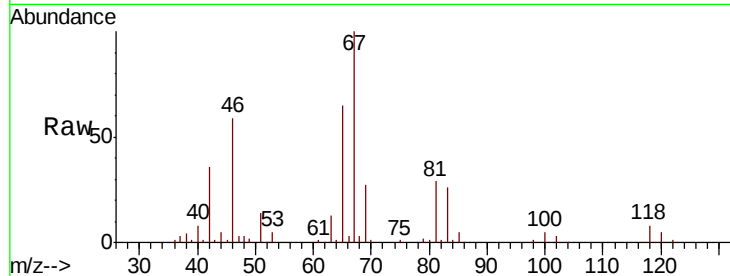




#37
 1,2-Dichloropropane
 Concen: 7.485 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.10 min
 Lab File: VV019231.D
 Acq: 03 Nov 2020 12:50

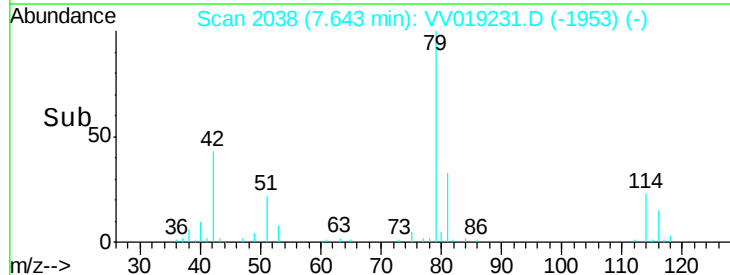
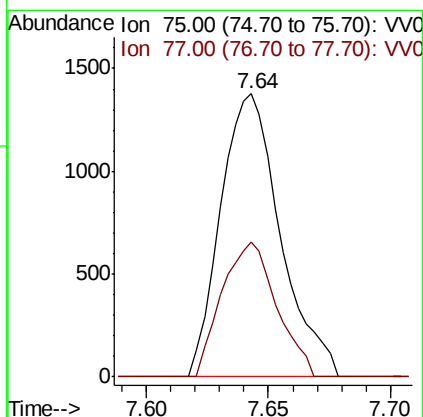
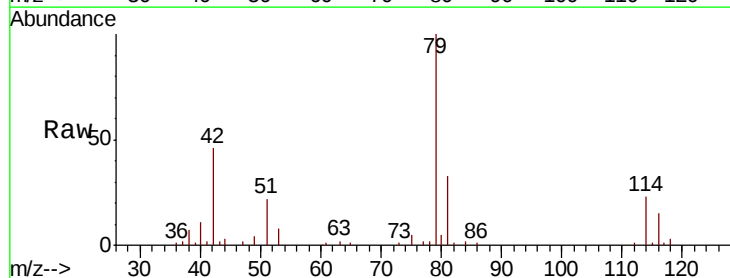
Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK312

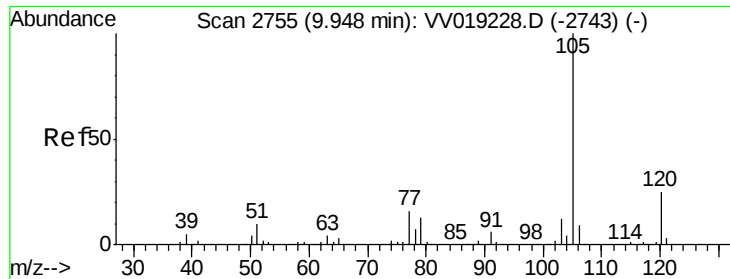
Tot Ion: 63 Resp: 11726
 Ion Ratio Lower Upper
 63 100
 112 0.0 4.2 6.2#



#44
 trans-1,3-Dichloropropene
 Concen: 0.910 ug/L
 RT: 7.64 min Scan# 2038
 Delta R.T. -0.03 min
 Lab File: VV019231.D
 Acq: 03 Nov 2020 12:50

Tgt Ion: 75 Resp: 2337
 Ion Ratio Lower Upper
 75 100
 77 47.9 21.6 40.2#





#60

Isopropylbenzene

Concen: 0.021 ug/L

RT: 10.56 min Scan# 2946

Delta R.T. 0.61 min

Lab File: VV019231.D

Acq: 03 Nov 2020 12:50

Instrument :

MSVOA_V

ClientSampleId :

VBLK312

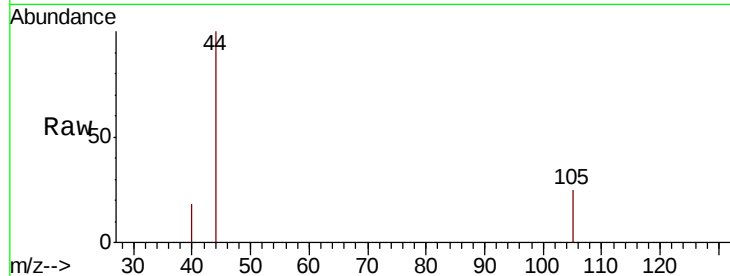
Tot Ion: 105 Resp: 130

Ion Ratio Lower Upper

105 100

120 0.0 21.0 31.4#

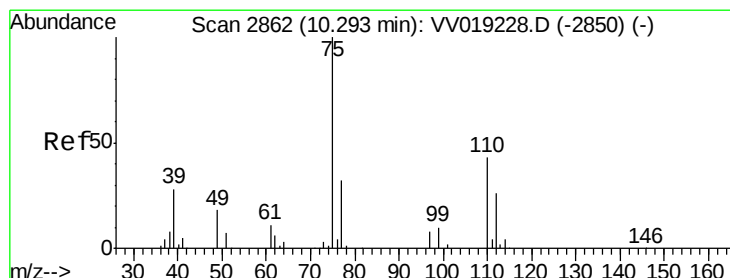
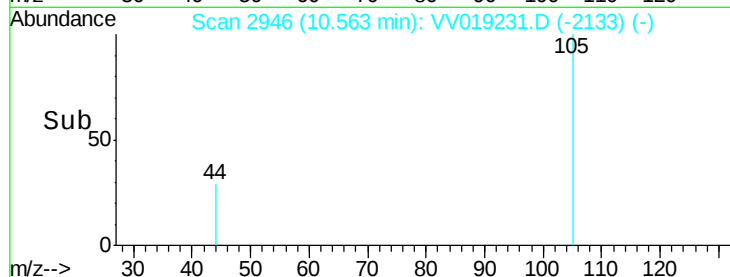
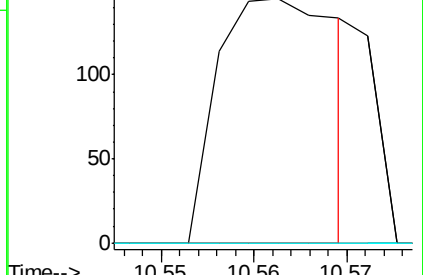
77 0.0 13.0 19.6#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): V



#61

1,2,3-Trichloropropane

Concen: 6.845 ug/L

RT: 11.27 min Scan# 3166

Delta R.T. 0.98 min

Lab File: VV019231.D

Acq: 03 Nov 2020 12:50

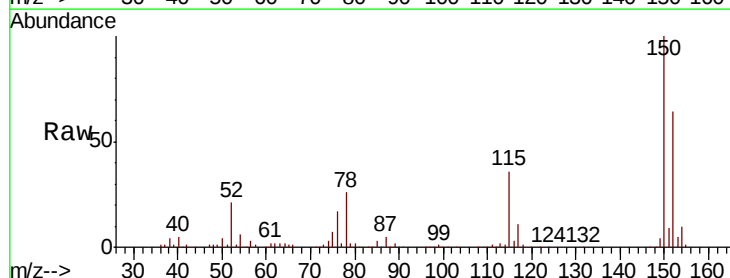
Tgt Ion: 75 Resp: 12747

Ion Ratio Lower Upper

75 100

77 38.2 24.8 37.2#

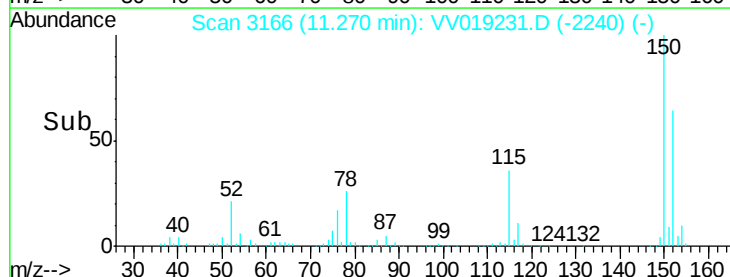
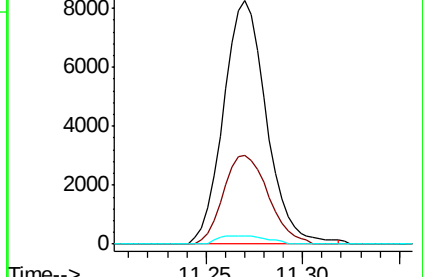
110 1.3 33.4 50.2#

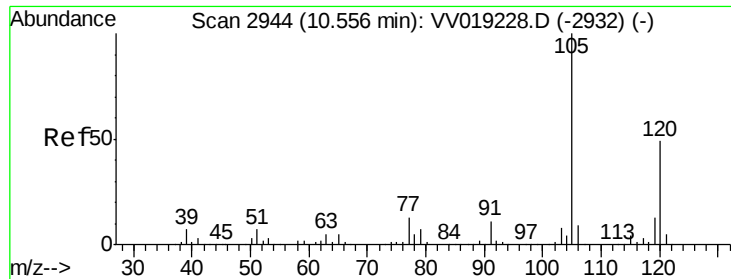


Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

Ion 110.00 (109.70 to 110.70): V

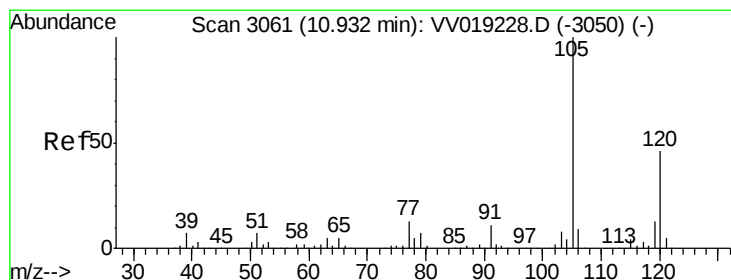
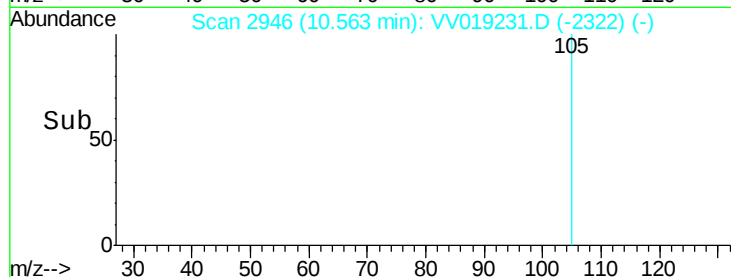
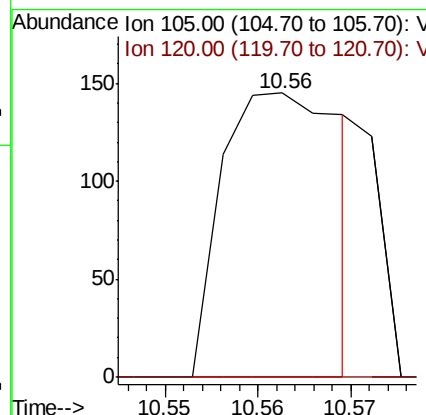
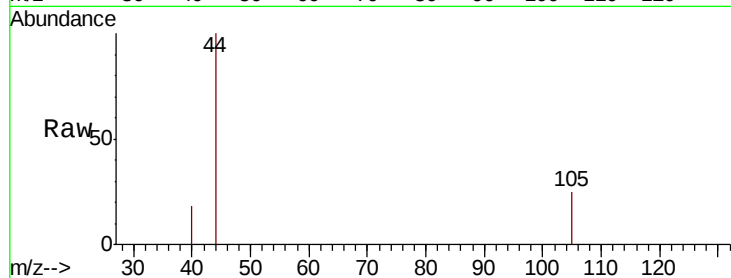




#62
 1,3,5-Trimethylbenzene
 Concen: 0.025 ug/L
 RT: 10.56 min Scan# 2946
 Delta R.T. 0.01 min
 Lab File: VV019231.D
 Acq: 03 Nov 2020 12:50

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK312

Tot Ion:105 Resp: 130
 Ion Ratio Lower Upper
 105 100
 120 0.0 38.3 57.5#



#63
 1,2,4-Trimethylbenzene
 Concen: 0.067 ug/L
 RT: 10.95 min Scan# 3065
 Delta R.T. 0.01 min
 Lab File: VV019231.D
 Acq: 03 Nov 2020 12:50

Tgt Ion:105 Resp: 344
 Ion Ratio Lower Upper
 105 100
 120 0.0 35.7 53.5#

