

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV110420\
 Data File : VV019229.D
 Acq On : 03 Nov 2020 12:02
 Operator : SY/MD
 Sample : VV1104MBL01
 Misc : 5.0µ/5.0mL/100uL/5.1mL/MSVOA_V/MEOH
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK310

Quant Time: Nov 04 07:13:07 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	261087	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	252033	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.27	152	129045	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	90523	44.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.86%
7) Chloroethane-d5	1.58	69	76460	48.43	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.86%
11) 1,1-Dichloroethene-d2	2.12	63	144691	38.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.58%
21) 2-Butanone-d5	3.91	46	113554	102.21	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.21%
24) Chloroform-d	4.38	84	174184	46.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.38%
26) 1,2-Dichloroethane-d4	5.05	65	120495	45.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.72%
32) Benzene-d6	5.07	84	328614	47.22	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.44%
36) 1,2-Dichloropropane-d6	6.09	67	100780	48.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.00%
41) Toluene-d8	7.34	98	302868	46.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.44%
43) trans-1,3-Dichloropropene-	7.64	79	54137	46.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.04%
47) 2-Hexanone-d5	8.11	63	74362	92.19	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.19%
56) 1,1,2,2-Tetrachloroethane-	10.23	84	122389	44.21	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.42%
66) 1,2-Dichlorobenzene-d4	11.65	152	127660	49.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.90%

Target Compounds

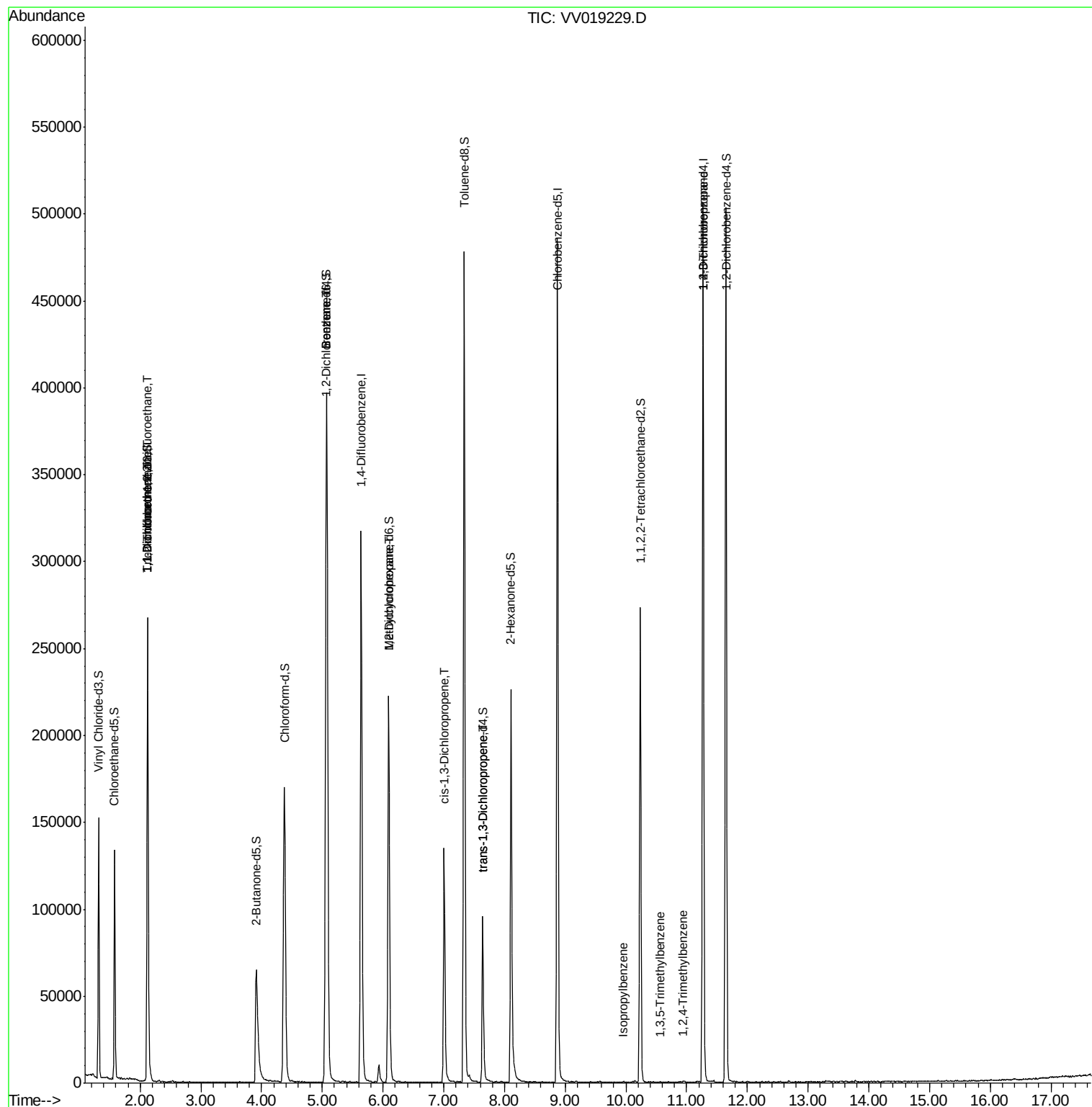
					Ovalue
9) Trichlorofluoromethane	2.12	101	1471	0.513 ug/L #	32
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1471	1.079 ug/L #	17
12) 1,1-Dichloroethene	2.12	96	1139	0.808 ug/L #	1
33) Benzene	5.08	78	2717	0.434 ug/L	100
35) Methylcyclohexane	6.09	83	25804	12.525 ug/L #	18
39) cis-1,3-Dichloropropene	7.01	75	3788	1.416 ug/L #	77
44) trans-1,3-Dichloropropene	7.64	75	2519	0.919 ug/L	94
60) Isopropylbenzene	9.96	105	145	0.021 ug/L #	54
61) 1,2,3-Trichloropropane	11.27	75	14342	7.154 ug/L #	59
62) 1,3,5-Trimethylbenzene	10.56	105	106	0.019 ug/L #	1
63) 1,2,4-Trimethylbenzene	10.95	105	459	0.083 ug/L #	71

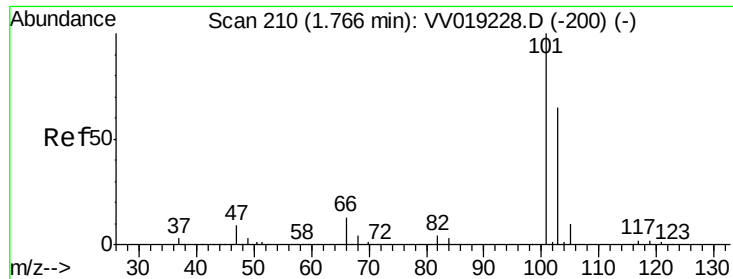
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV110420\
Data File : VV019229.D
Acq On : 03 Nov 2020 12:02
Operator : SY/MD
Sample : VV1104MBL01
Misc : 5.0µL/5.0mL/100µL/5.1mL/MSVOA_V/MEOH
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VBLK310

Quant Time: Nov 04 07:13:07 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: 0.513 ug/L

RT: 2.12 min Scan# 321

Delta R.T. 0.36 min

Lab File: VV019229.D

Acq: 03 Nov 2020 12:02

Instrument :

MSVOA_V

ClientSampled :

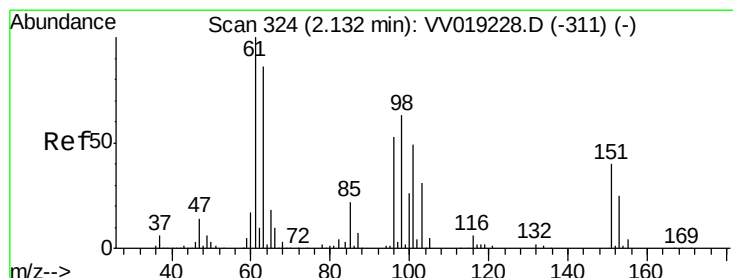
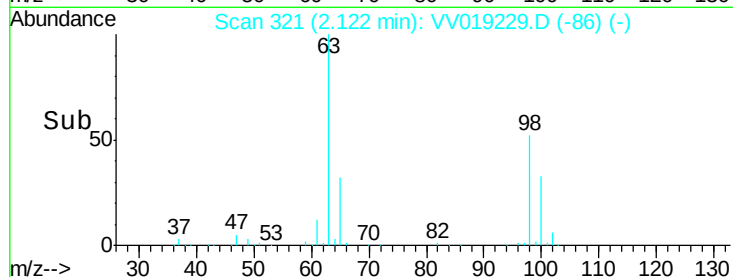
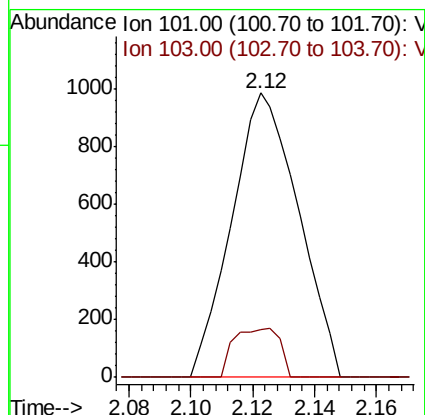
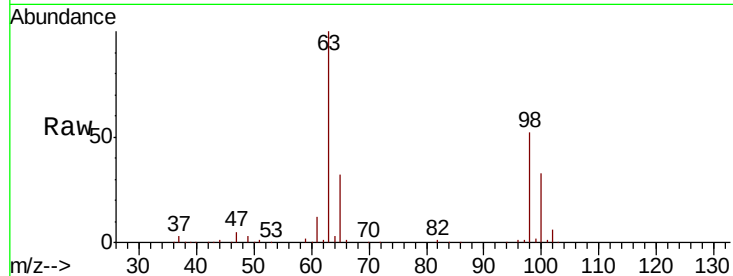
VBLK310

Tot Ion:101 Resp: 1471

Ion Ratio Lower Upper

101 100

103 11.6 52.3 78.5#



#10

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

Concen: 1.079 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV019229.D

Acq: 03 Nov 2020 12:02

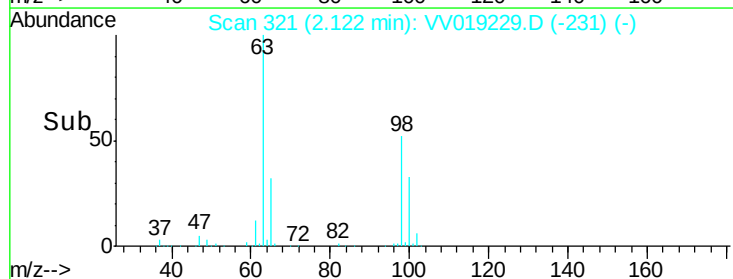
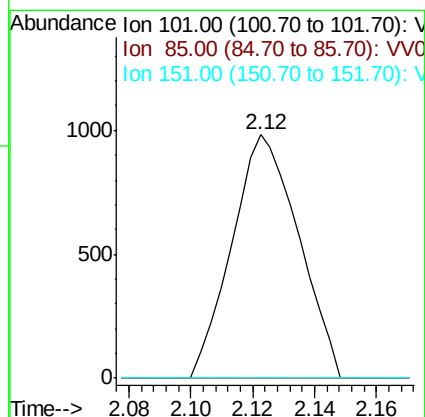
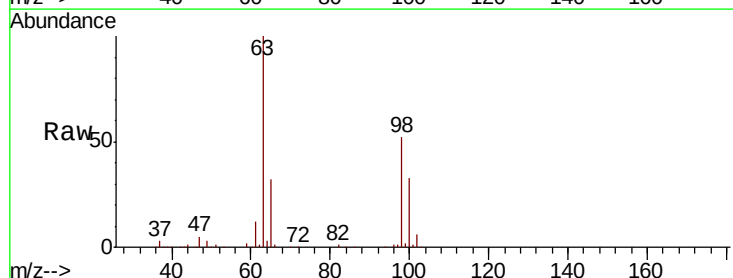
Tgt Ion:101 Resp: 1471

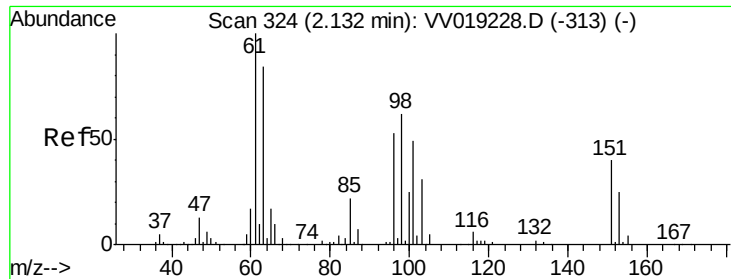
Ion Ratio Lower Upper

101 100

85 0.0 35.6 53.4#

151 0.0 64.1 96.1#

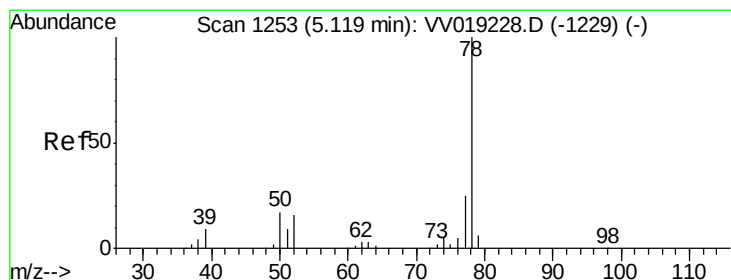
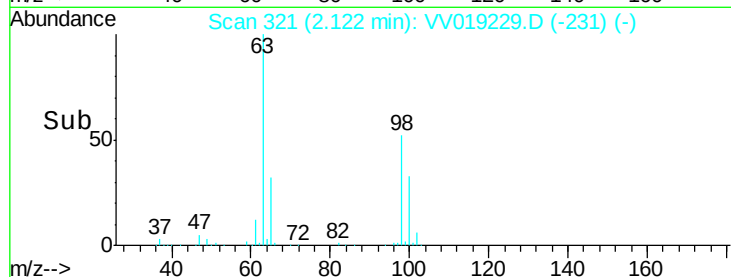
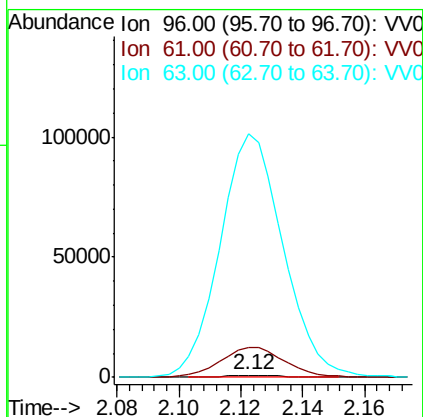
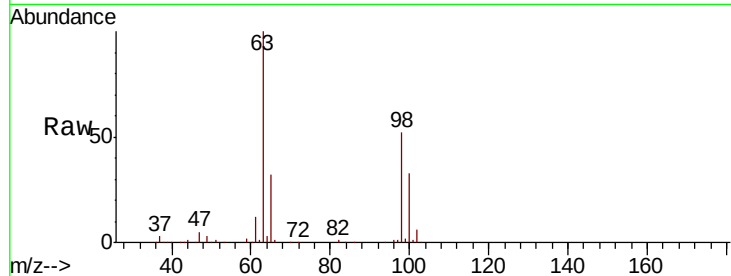




#12
 1,1-Dichloroethene
 Concen: 0.808 ug/L
 RT: 2.12 min Scan# 321
 Delta R.T. -0.01 min
 Lab File: VV019229.D
 Acq: 03 Nov 2020 12:02

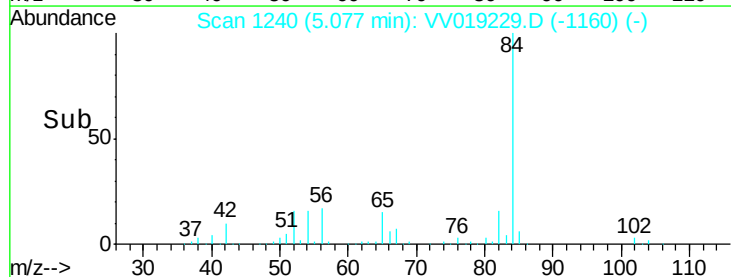
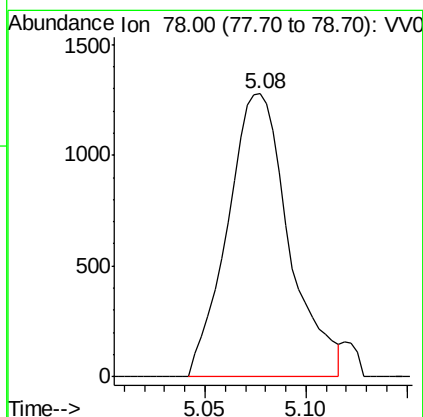
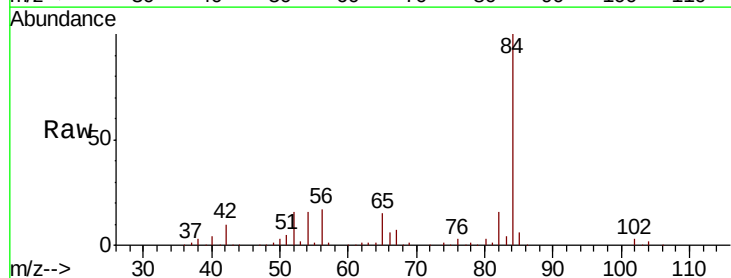
Instrument :
 MSVOA_V
 ClientSampled :
 VBLK310

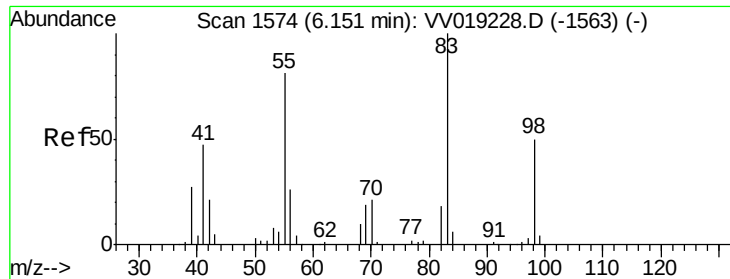
Tot Ion: 96 Resp: 1139
 Ion Ratio Lower Upper
 96 100
 61 1617.0 133.6 248.0#
 63 13036.8 103.0 191.2#



#33
 Benzene
 Concen: 0.434 ug/L
 RT: 5.08 min Scan# 1240
 Delta R.T. -0.04 min
 Lab File: VV019229.D
 Acq: 03 Nov 2020 12:02

Tgt Ion: 78 Resp: 2717

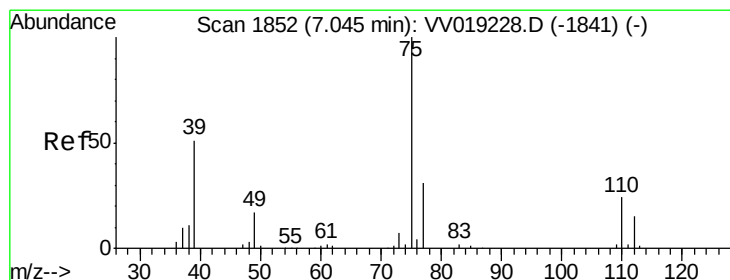
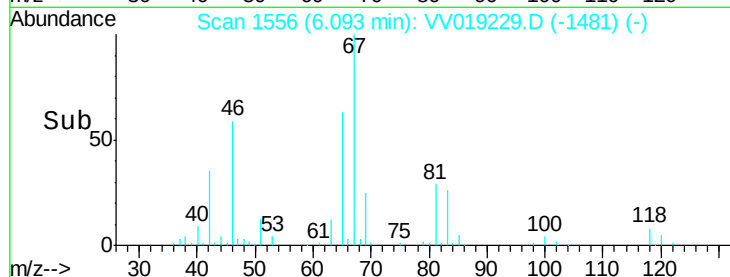
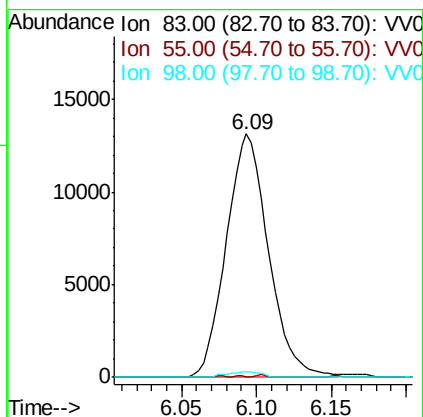
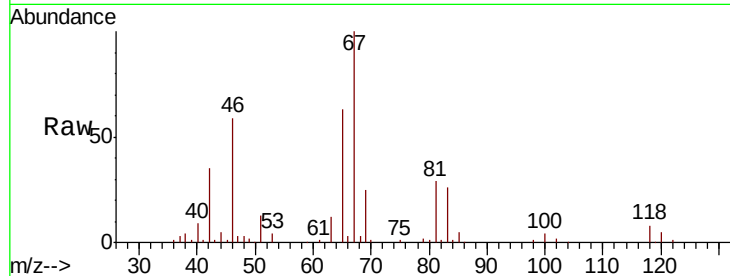




#35
Methylvlcyclohexane
Concen: 12.525 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV019229.D
Acq: 03 Nov 2020 12:02

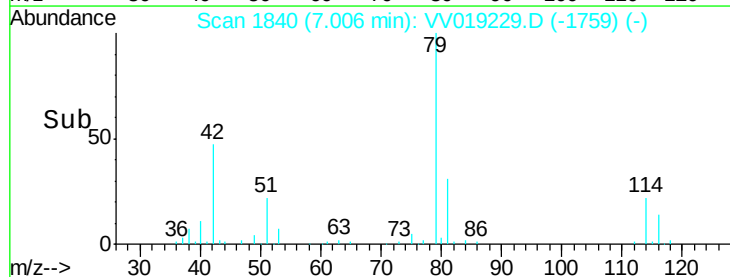
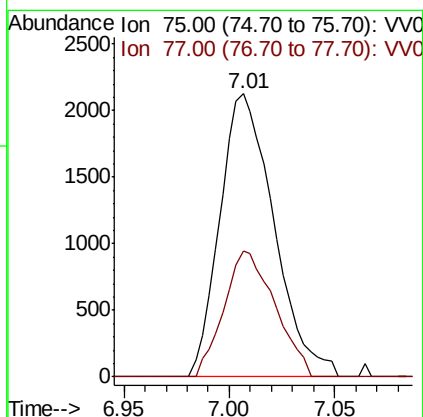
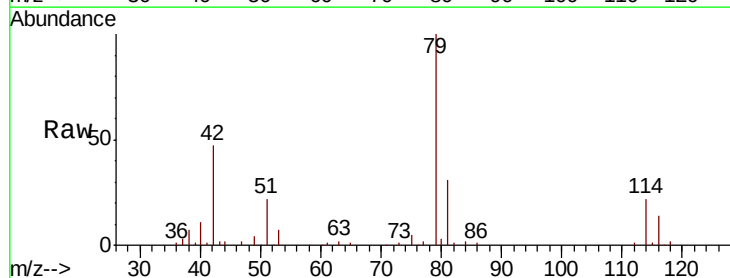
Instrument :
MSVOA_V
ClientSampleId :
VBLK310

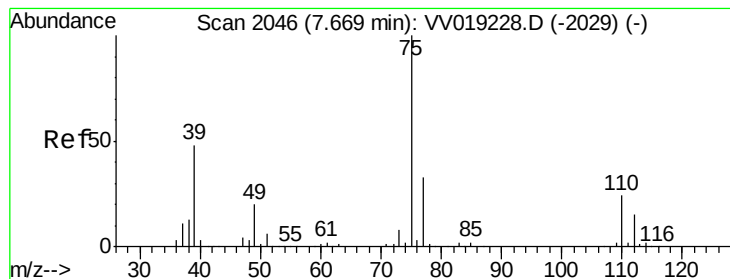
Tot Ion: 83 Resp: 25804
Ion Ratio Lower Upper
83 100
55 0.2 62.8 94.2#
98 1.7 38.6 58.0#



#39
cis-1,3-Dichloropropene
Concen: 1.416 ug/L
RT: 7.01 min Scan# 1840
Delta R.T. -0.04 min
Lab File: VV019229.D
Acq: 03 Nov 2020 12:02

Tgt Ion: 75 Resp: 3788
Ion Ratio Lower Upper
75 100
77 44.4 22.2 41.2#





#44

trans-1,3-Dichloropropene

Concen: 0.919 ug/L

RT: 7.64 min Scan# 2038

Delta R.T. -0.03 min

Lab File: VV019229.D

Acq: 03 Nov 2020 12:02

Instrument :

MSVOA_V

ClientSampleId :

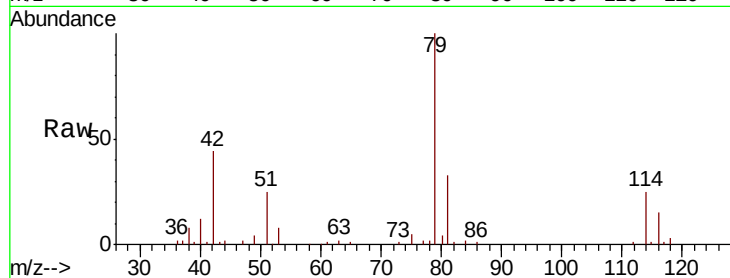
VBK310

Tot Ion: 75 Resp: 2519

Ion Ratio Lower Upper

75 100

77 34.2 21.6 40.2



Abundance Ion 75.00 (74.70 to 75.70): VV019228.D (-2029) (-)

Ion 77.00 (76.70 to 77.70): VV019228.D (-2029) (-)

7.64

1500

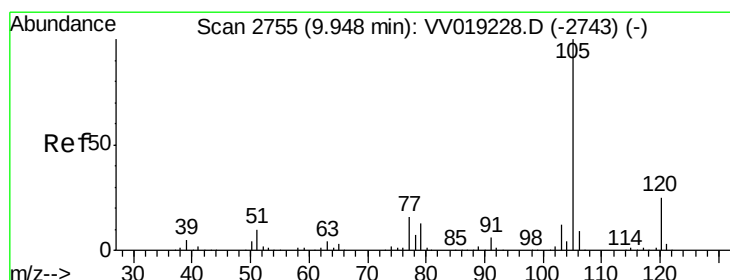
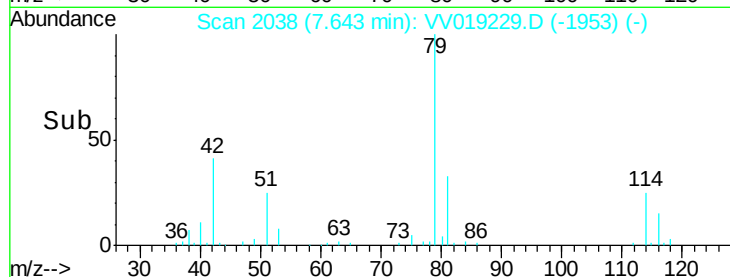
1000

500

0

7.60 7.65 7.70

Time-->



#60

Isopropylbenzene

Concen: 0.021 ug/L

RT: 9.96 min Scan# 2760

Delta R.T. 0.02 min

Lab File: VV019229.D

Acq: 03 Nov 2020 12:02

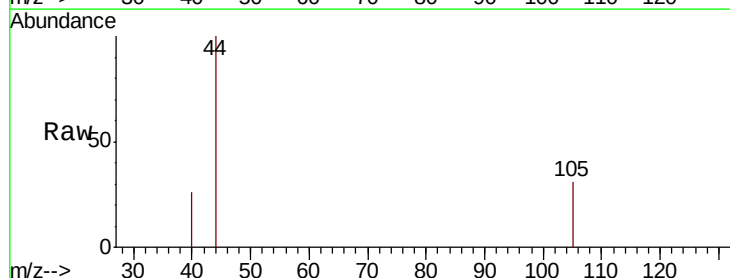
Tgt Ion: 105 Resp: 145

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): VV019228.D (-2743) (-)

Ion 120.00 (119.70 to 120.70): VV019228.D (-2743) (-)

Ion 77.00 (76.70 to 77.70): VV019228.D (-2743) (-)

9.96

200

150

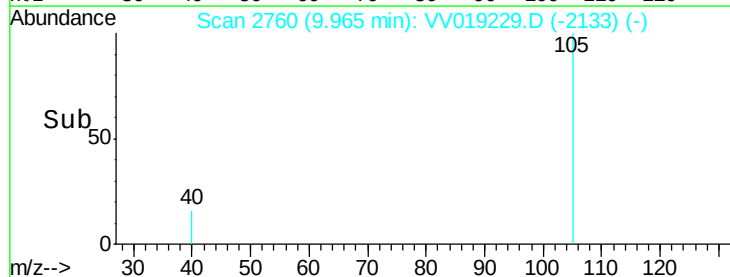
100

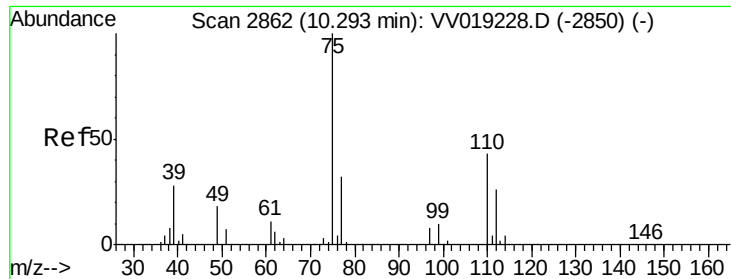
50

0

9.95 9.96 9.97

Time-->

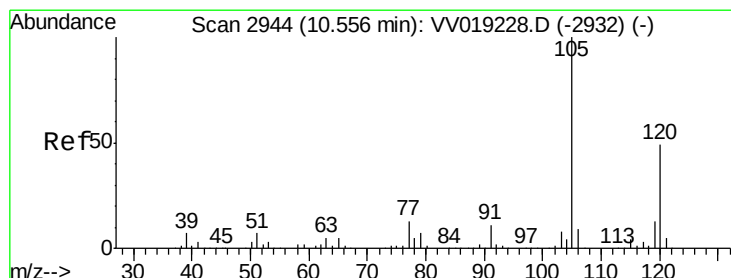
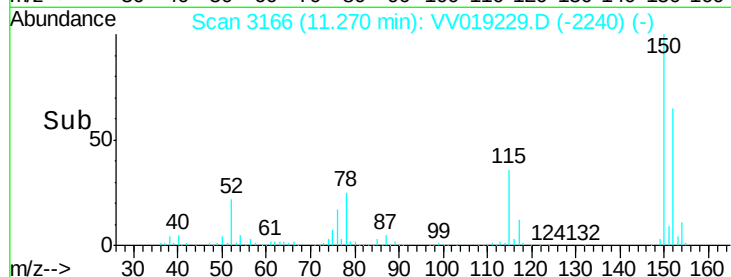
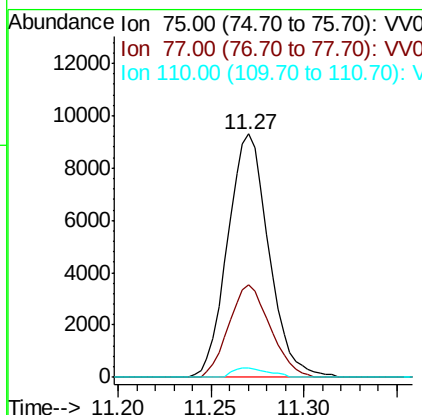
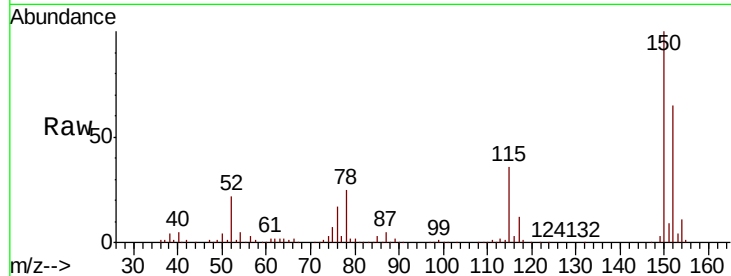




#61
 1,2,3-Trichloropropane
 Concen: 7.154 ug/L
 RT: 11.27 min Scan# 3166
 Delta R.T. 0.98 min
 Lab File: VV019229.D
 Acq: 03 Nov 2020 12:02

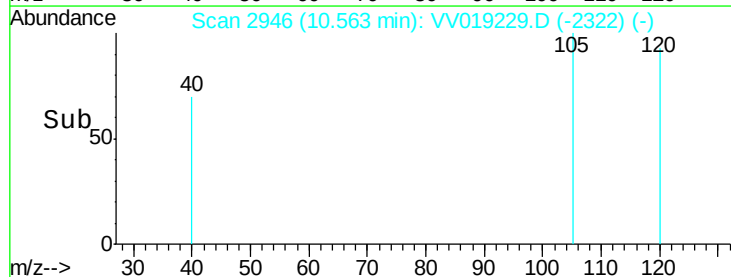
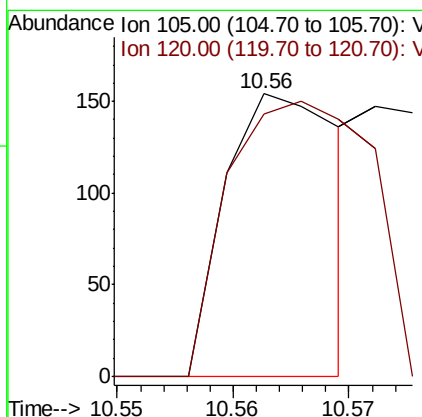
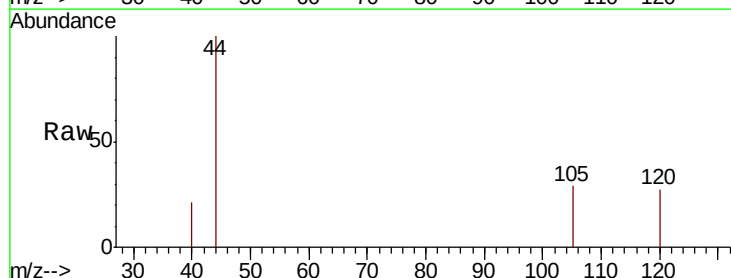
Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK310

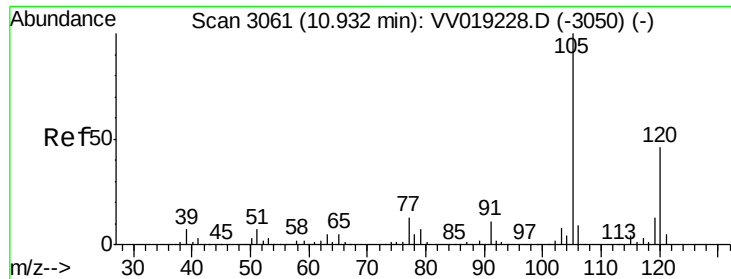
Tot Ion: 75 Resp: 14342
 Ion Ratio Lower Upper
 75 100
 77 38.2 24.8 37.2#
 110 3.2 33.4 50.2#



#62
 1,3,5-Trimethylbenzene
 Concen: 0.019 ug/L
 RT: 10.56 min Scan# 2946
 Delta R.T. 0.01 min
 Lab File: VV019229.D
 Acq: 03 Nov 2020 12:02

Tgt Ion: 105 Resp: 106
 Ion Ratio Lower Upper
 105 100
 120 121.7 38.3 57.5#





#63

1,2,4-Trimethylbenzene

Concen: 0.083 ug/L

RT: 10.95 min Scan# 3065

Delta R.T. 0.01 min

Lab File: VV019229.D

Acq: 03 Nov 2020 12:02

Instrument :

MSVOA_V

ClientSampleId :

VBLK310

Tot Ion:105 Resp: 459

Ion Ratio Lower Upper

105 100

120 25.5 35.7 53.5#

