

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV110320\
 Data File : VV019216.D
 Acq On : 02 Nov 2020 22:31
 Operator : SY/MD
 Sample : VV1103WBL03
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK306

Quant Time: Nov 03 05:29:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVLM110320WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Nov 03 05:28:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	236085	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	225132	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.27	152	112172	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	88855	48.77	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	97.54%
7) Chloroethane-d5	1.58	69	75031	52.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	105.10%
11) 1,1-Dichloroethene-d2	2.12	63	137205	40.67	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.34%
21) 2-Butanone-d5	3.91	46	107682	107.19	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	107.19%
24) Chloroform-d	4.38	84	168307	49.36	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.72%
26) 1,2-Dichloroethane-d4	5.06	65	121796	51.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.52%
32) Benzene-d6	5.07	84	322885	51.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.88%
36) 1,2-Dichloropropane-d6	6.09	67	98103	52.86	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.72%
41) Toluene-d8	7.34	98	290187	50.11	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.22%
43) trans-1,3-Dichloropropene-	7.64	79	53544	50.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.90%
47) 2-Hexanone-d5	8.11	63	73388	101.85	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.85%
56) 1,1,2,2-Tetrachloroethane-	10.23	84	120992	48.92	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.84%
66) 1,2-Dichlorobenzene-d4	11.65	152	121417	54.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	108.20%

Target Compounds

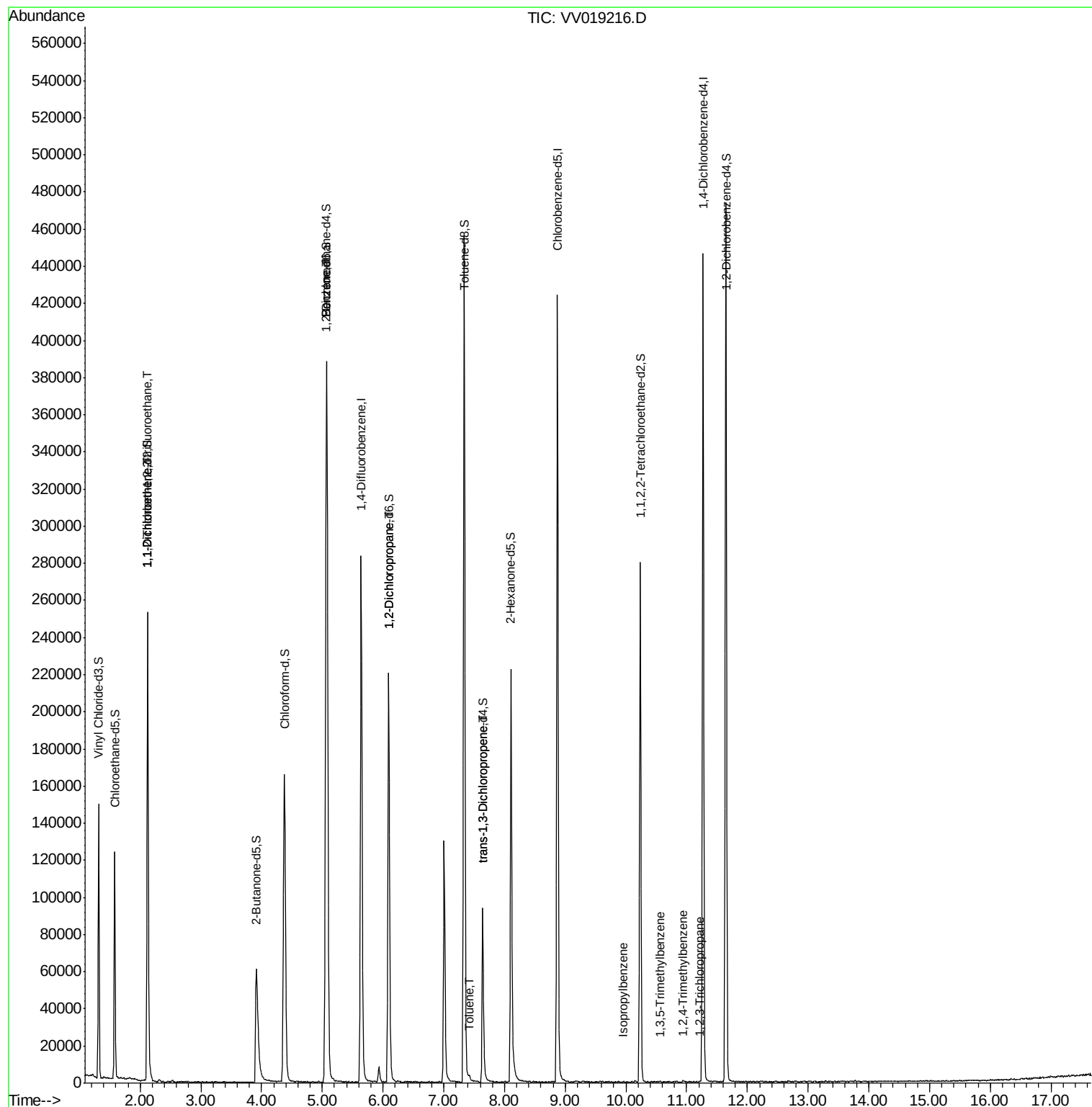
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1209	0.980	ug/L #	17
12) 1,1-Dichloroethene	2.12	96	1192	0.935	ug/L #	1
33) Benzene	5.07	78	2906	0.519	ug/L	100
37) 1,2-Dichloropropane	6.09	63	11843	7.931	ug/L #	84
42) Toluene	7.41	91	2386	0.395	ug/L	96
44) trans-1,3-Dichloropropene	7.64	75	2487	1.016	ug/L	91
60) Isopropylbenzene	9.96	105	119	0.020	ug/L #	54
61) 1,2,3-Trichloropropane	11.21	75	136	0.078	ug/L #	38
62) 1,3,5-Trimethylbenzene	10.56	105	180	0.037	ug/L #	66
63) 1,2,4-Trimethylbenzene	10.94	105	478	0.100	ug/L #	70

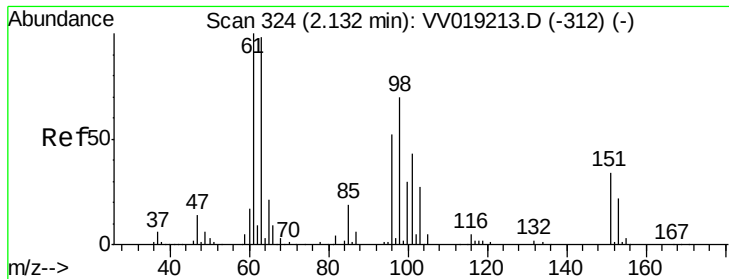
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Nov 03 05:28:09 2020
Response via : Initial Calibration





#10

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

Concen: 0.980 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV019216.D

Acq: 02 Nov 2020 22:31

Instrument :

MSVOA_V

ClientSampled :

VBLK306

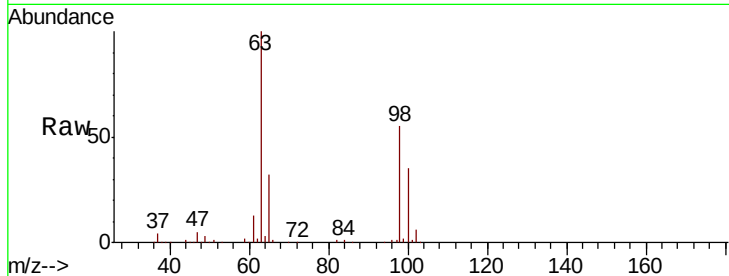
Tot Ion:101 Resp: 1209

Ion Ratio Lower Upper

101 100

85 0.0 35.6 53.4#

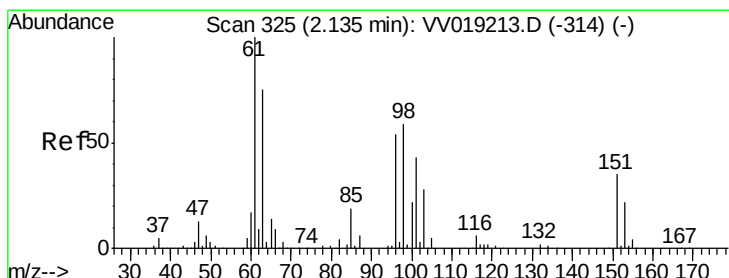
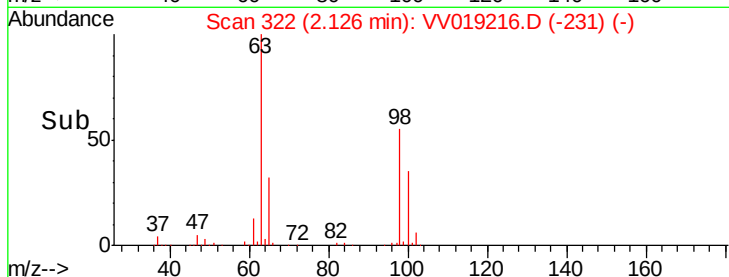
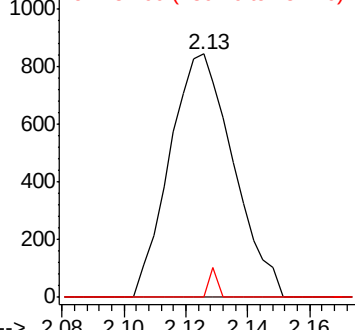
151 0.0 64.1 96.1#



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: 0.935 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.02 min

Lab File: VV019216.D

Acq: 02 Nov 2020 22:31

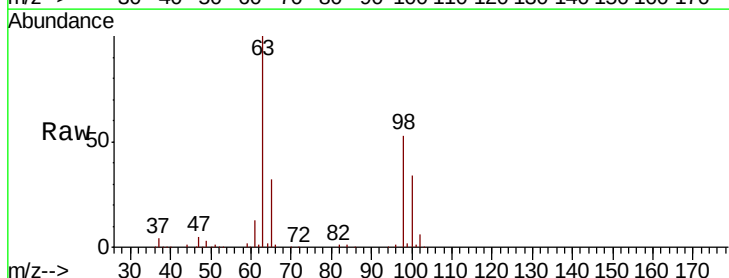
Tgt Ion: 96 Resp: 1192

Ion Ratio Lower Upper

96 100

61 1406.4 133.6 248.0#

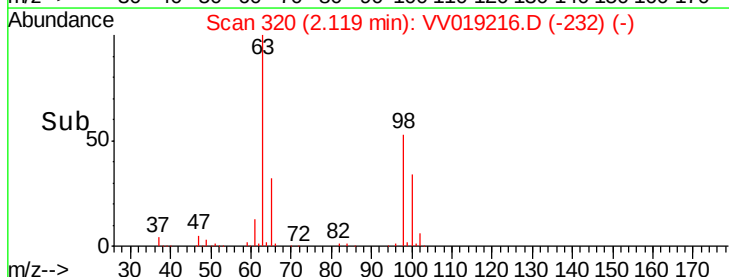
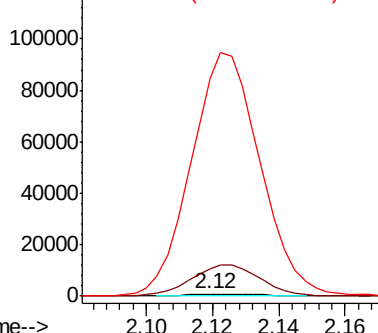
63 11094.4 103.0 191.2#

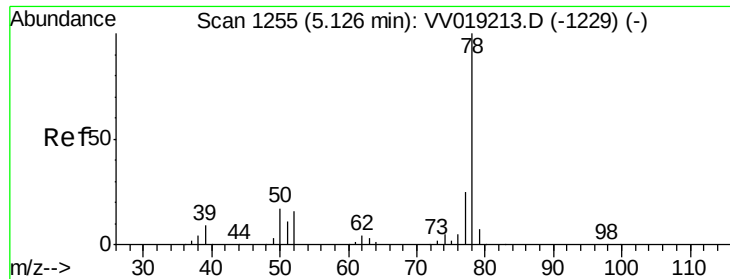


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





#33

Benzene

Concen: 0.519 ug/L

RT: 5.07 min Scan# 1239

Delta R.T. -0.05 min

Lab File: VV019216.D

Acq: 02 Nov 2020 22:31

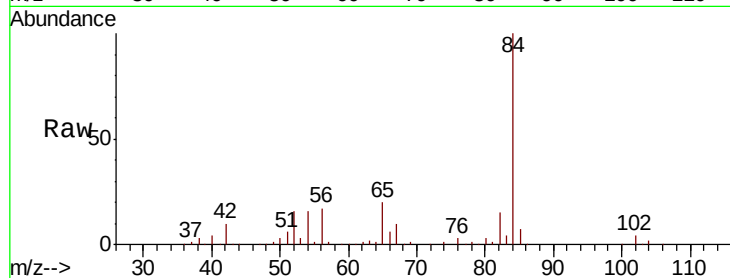
Instrument :

MSVOA_V

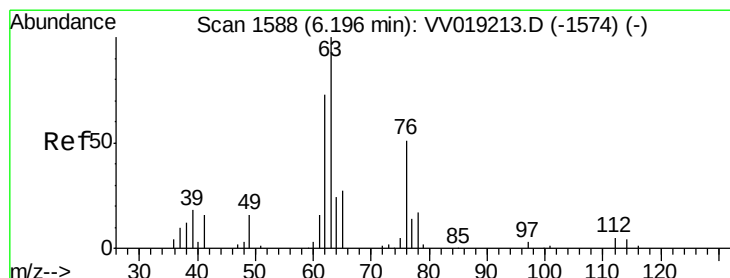
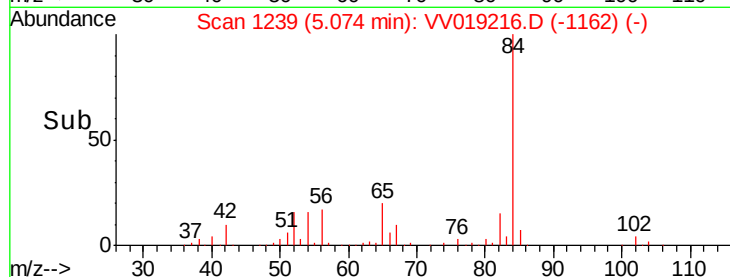
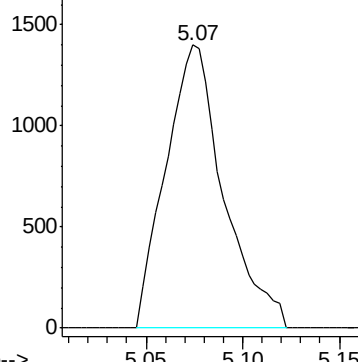
ClientSampleId :

VBLK306

Tgt Ion: 78 Resp: 2906



Abundance Ion 78.00 (77.70 to 78.70): VV0



#37

1,2-Dichloropropane

Concen: 7.931 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.10 min

Lab File: VV019216.D

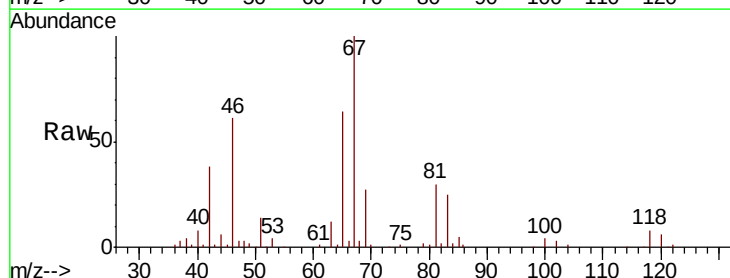
Acq: 02 Nov 2020 22:31

Tgt Ion: 63 Resp: 11843

Ion Ratio Lower Upper

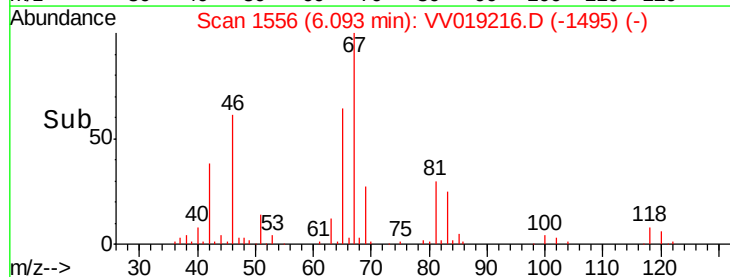
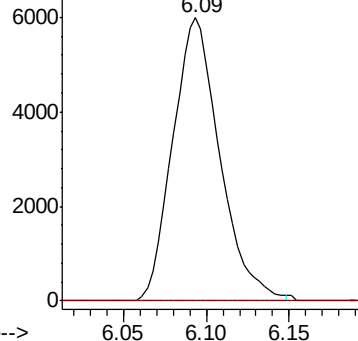
63 100

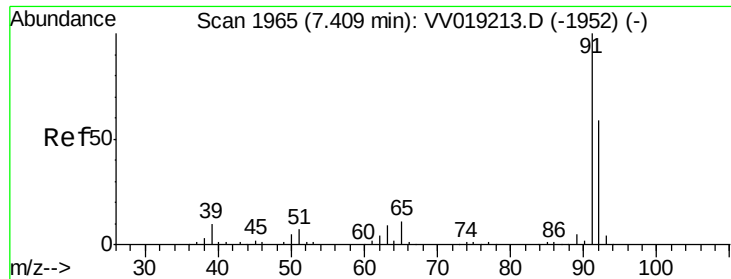
112 0.0 4.2 6.2#



Abundance Ion 63.00 (62.70 to 63.70): VV0

Ion 112.00 (111.70 to 112.70): V





#42

Toluene

Concen: 0.395 ug/L

RT: 7.41 min Scan# 1967

Delta R.T. 0.01 min

Lab File: VV019216.D

Acq: 02 Nov 2020 22:31

Instrument :

MSVOA_V

ClientSampled :

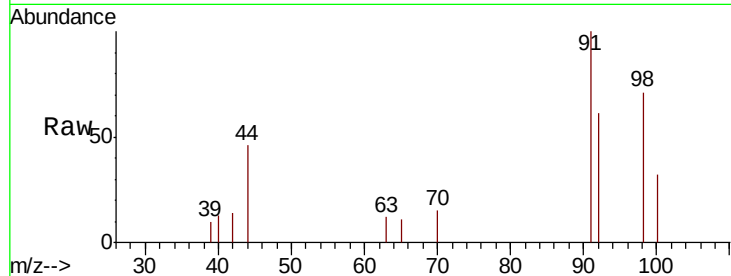
VBLK306

Tot Ion: 91 Resp: 2386

Ion Ratio Lower Upper

91 100

92 60.9 40.6 75.4



Abundance Ion 91.00 (90.70 to 91.70): VV0

Ion 92.00 (91.70 to 92.70): VV0

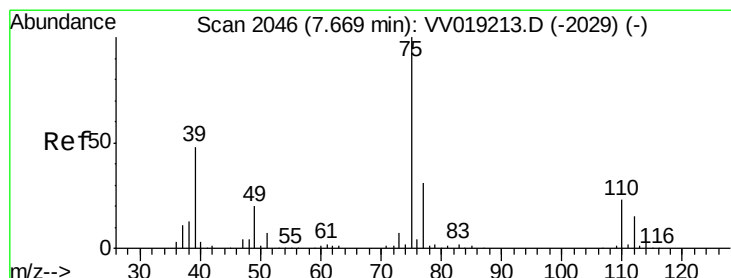
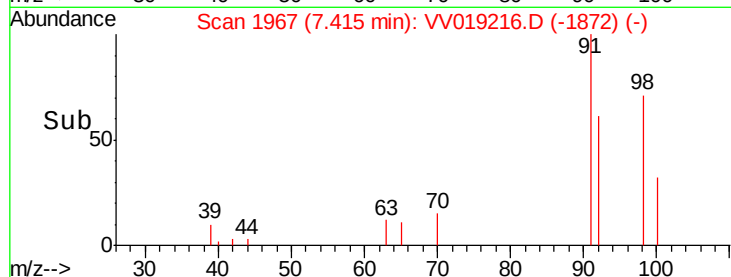
7.41

1000

500

0

Time-->



#44

trans-1,3-Dichloropropene

Concen: 1.016 ug/L

RT: 7.64 min Scan# 2038

Delta R.T. -0.03 min

Lab File: VV019216.D

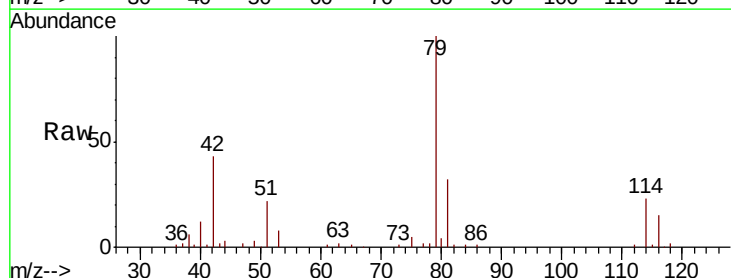
Acq: 02 Nov 2020 22:31

Tgt Ion: 75 Resp: 2487

Ion Ratio Lower Upper

75 100

77 36.0 21.6 40.2



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

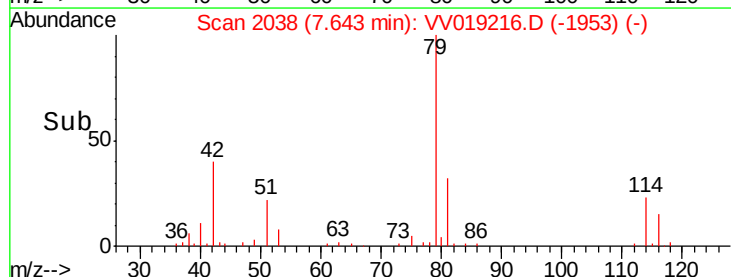
1500

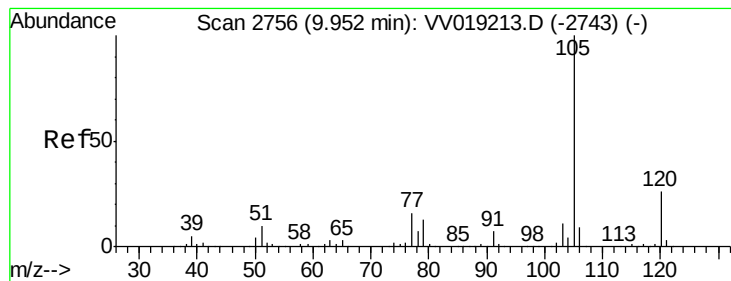
1000

500

0

Time-->





#60

Isopropylbenzene

Concen: 0.020 ug/L

RT: 9.96 min Scan# 2758

Delta R.T. 0.01 min

Lab File: VV019216.D

Acq: 02 Nov 2020 22:31

Instrument :

MSVOA_V

ClientSampleId :

VBLK306

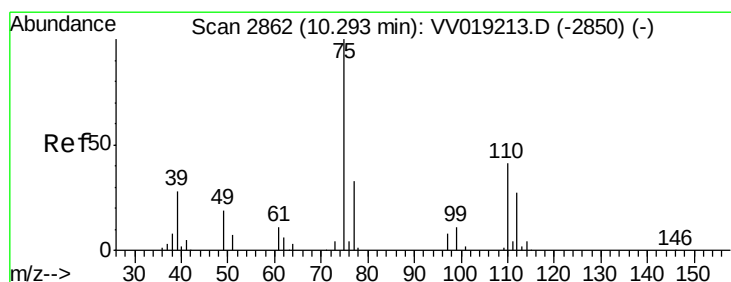
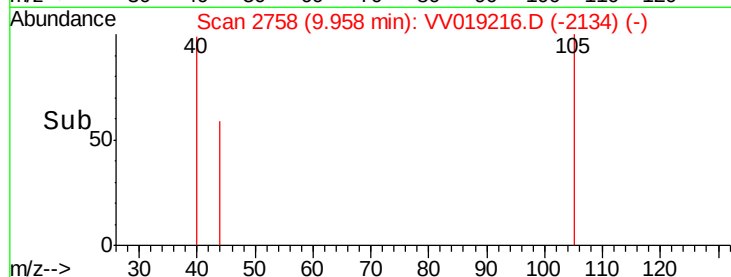
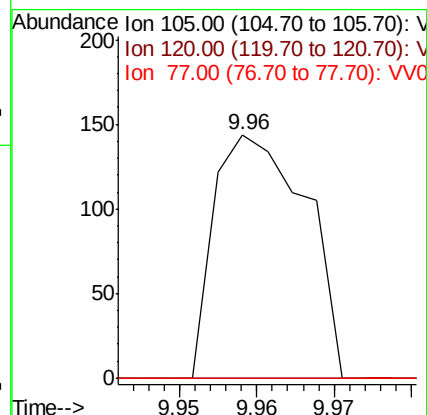
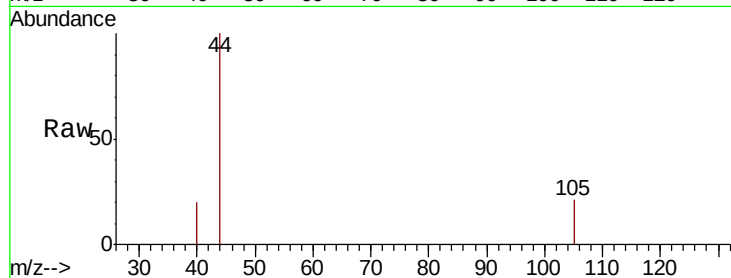
Tot Ion:105 Resp: 119

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: 0.078 ug/L

RT: 11.21 min Scan# 3148

Delta R.T. 0.92 min

Lab File: VV019216.D

Acq: 02 Nov 2020 22:31

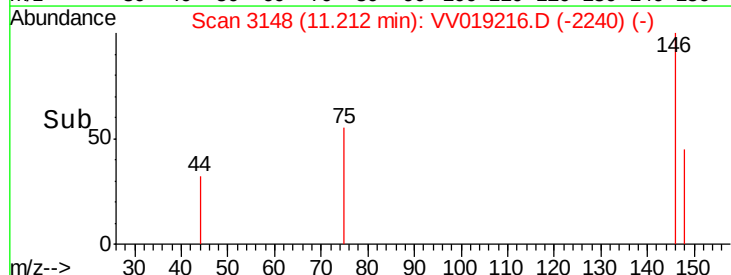
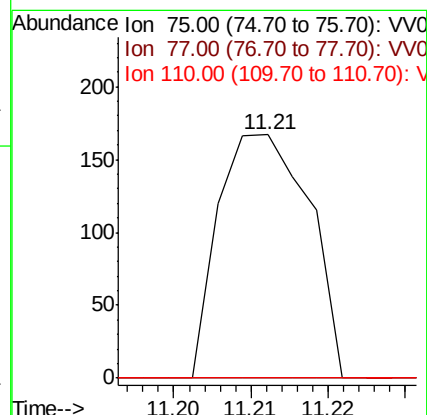
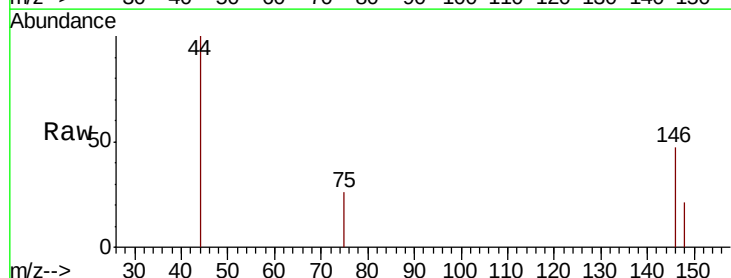
Tgt Ion: 75 Resp: 136

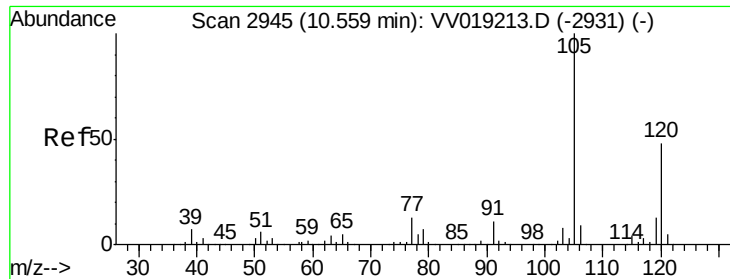
Ion Ratio Lower Upper

75 100

77 0.0 24.8 37.2#

110 0.0 33.4 50.2#

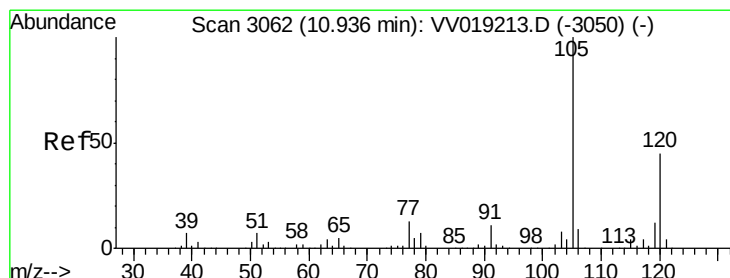
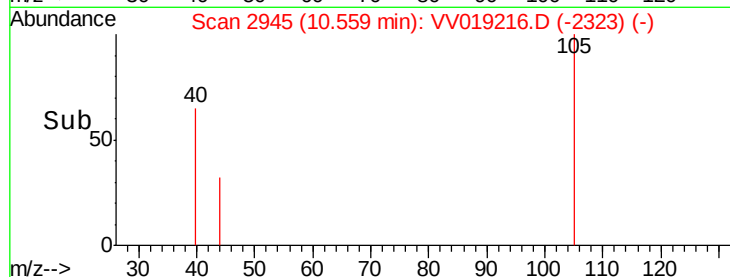
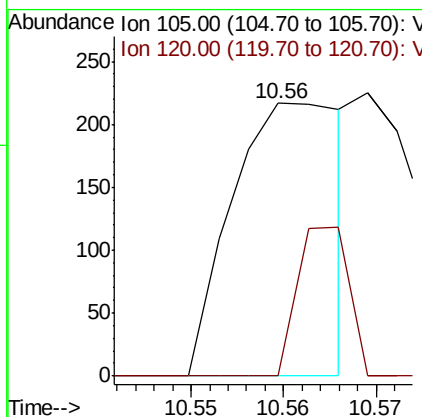
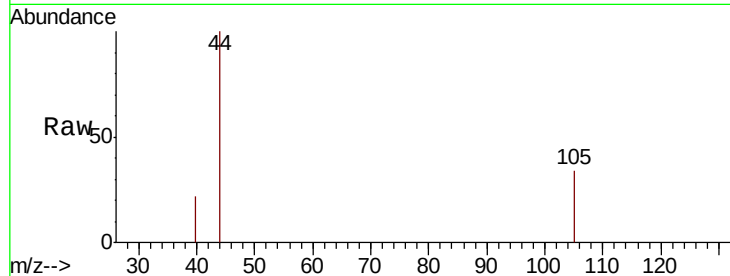




#62
 1,3,5-Trimethylbenzene
 Concen: 0.037 ug/L
 RT: 10.56 min Scan# 2945
 Delta R.T. -0.00 min
 Lab File: VV019216.D
 Acq: 02 Nov 2020 22:31

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK306

Tot Ion:105 Resp: 180
 Ion Ratio Lower Upper
 105 100
 120 25.0 38.3 57.5#



#63
 1,2,4-Trimethylbenzene
 Concen: 0.100 ug/L
 RT: 10.94 min Scan# 3064
 Delta R.T. 0.01 min
 Lab File: VV019216.D
 Acq: 02 Nov 2020 22:31

Tgt Ion:105 Resp: 478
 Ion Ratio Lower Upper
 105 100
 120 24.9 35.7 53.5#

