

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV110320\
 Data File : VV019215.D
 Acq On : 02 Nov 2020 22:08
 Operator : SY/MD
 Sample : VV1103WBL02
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK305

Quant Time: Nov 03 05:29:16 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	241523	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	234407	50.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.27	152	117391	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	88838	47.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.32%
7) Chloroethane-d5	1.58	69	74831	51.23	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	102.46%
11) 1,1-Dichloroethene-d2	2.12	63	135831	39.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.72%
21) 2-Butanone-d5	3.91	46	108973	106.03	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	106.03%
24) Chloroform-d	4.38	84	166838	47.83	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.66%
26) 1,2-Dichloroethane-d4	5.06	65	120597	49.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.22%
32) Benzene-d6	5.07	84	320176	49.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.94%
36) 1,2-Dichloropropane-d6	6.09	67	97813	50.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.22%
41) Toluene-d8	7.34	98	288227	47.80	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.60%
43) trans-1,3-Dichloropropene-	7.64	79	52695	48.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.32%
47) 2-Hexanone-d5	8.11	63	74080	98.74	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	98.74%
56) 1,1,2,2-Tetrachloroethane-	10.23	84	120390	46.75	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.50%
66) 1,2-Dichlorobenzene-d4	11.65	152	122486	52.15	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.30%

Target Compounds

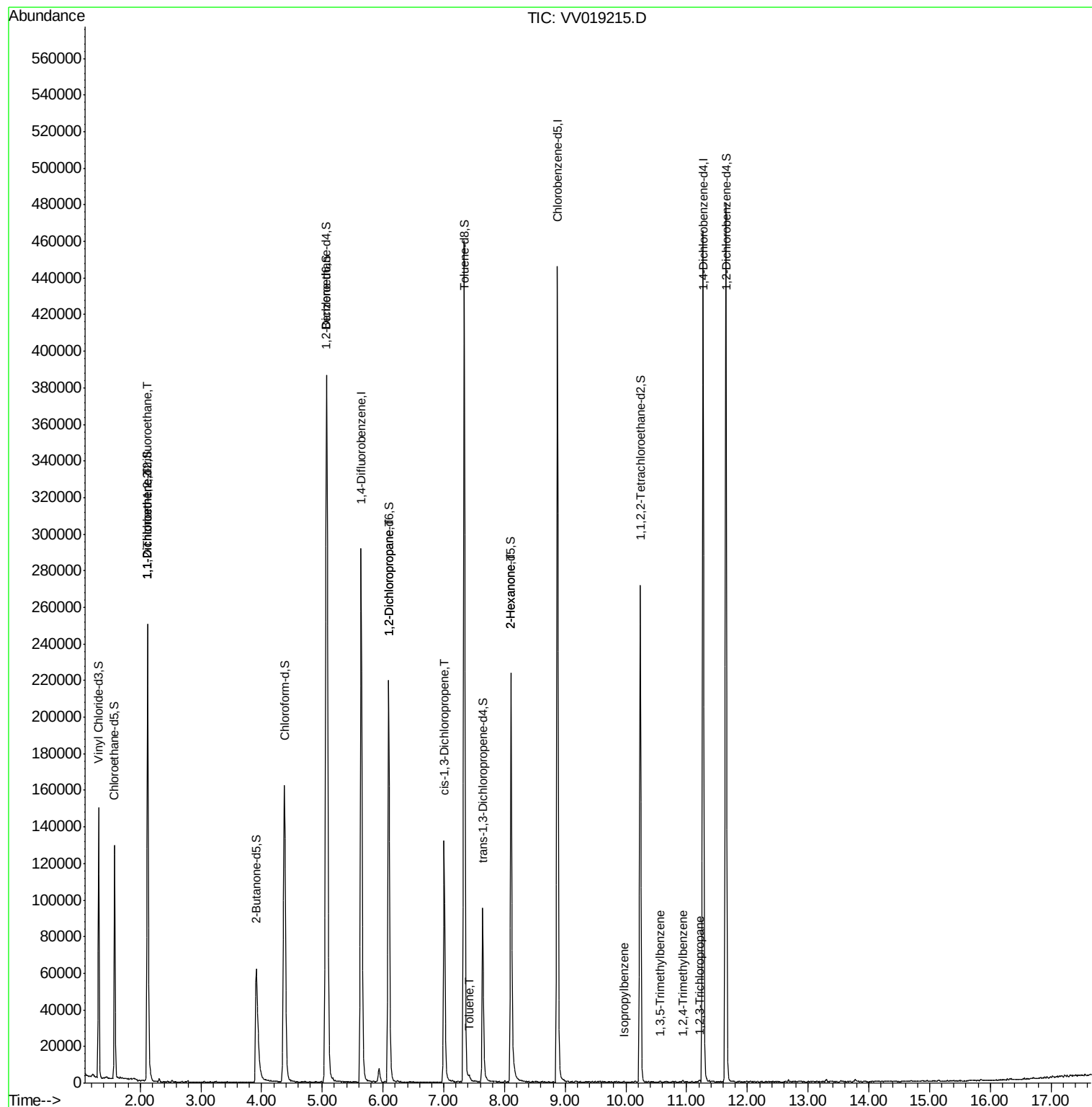
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1303	1.033	ug/L #	17
12) 1,1-Dichloroethene	2.13	96	1118	0.857	ug/L #	1
37) 1,2-Dichloropropane	6.09	63	11829	7.609	ug/L #	84
39) cis-1,3-Dichloropropene	7.01	75	3591	1.444	ug/L #	67
42) Toluene	7.42	91	2351	0.373	ug/L	92
48) 2-Hexanone	8.11	43	9720	6.156	ug/L #	71
60) Isopropylbenzene	9.96	105	370	0.060	ug/L #	54
61) 1,2,3-Trichloropropane	11.21	75	42	0.023	ug/L #	38
62) 1,3,5-Trimethylbenzene	10.57	105	551	0.108	ug/L #	64
63) 1,2,4-Trimethylbenzene	10.94	105	589	0.117	ug/L #	71

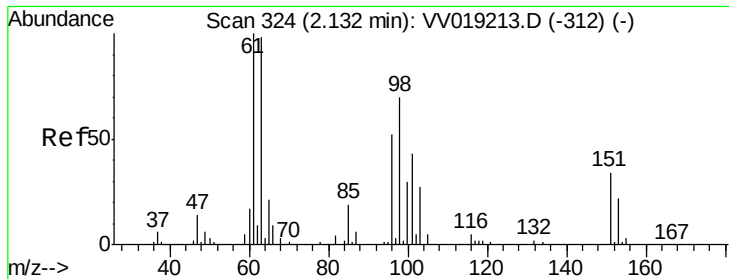
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 1.033 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV019215.D

Acq: 02 Nov 2020 22:08

Instrument :

MSVOA_V

ClientSampleId :

VBLK305

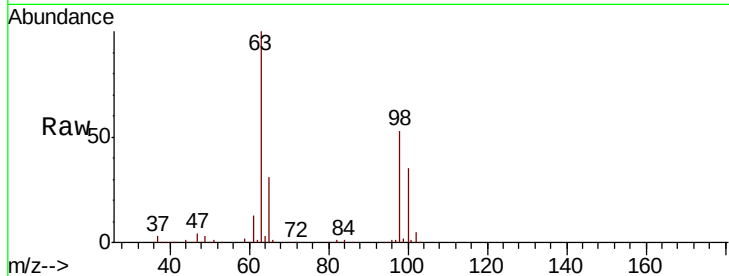
Tot Ion:101 Resp: 1303

Ion Ratio Lower Upper

101 100

85 0.0 35.6 53.4#

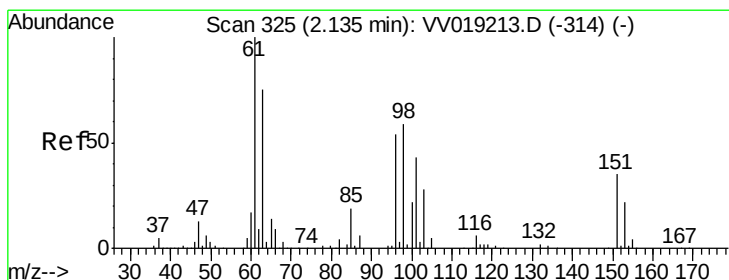
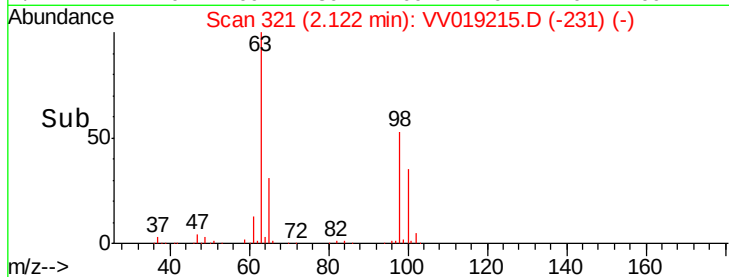
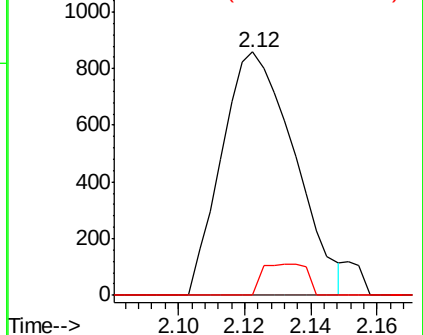
151 0.0 64.1 96.1#



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: 0.857 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV019215.D

Acq: 02 Nov 2020 22:08

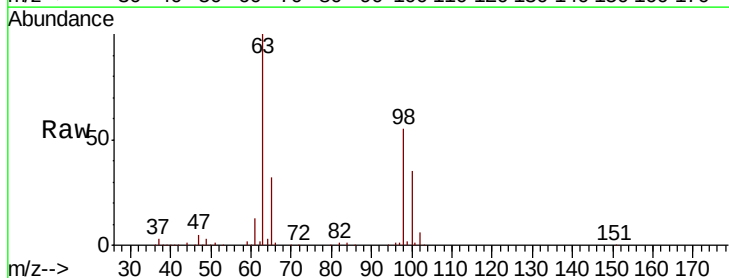
Tgt Ion: 96 Resp: 1118

Ion Ratio Lower Upper

96 100

61 1526.2 133.6 248.0#

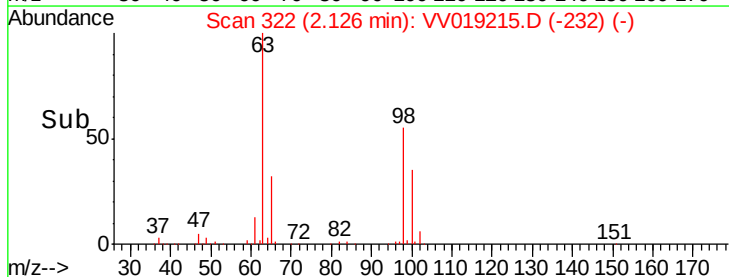
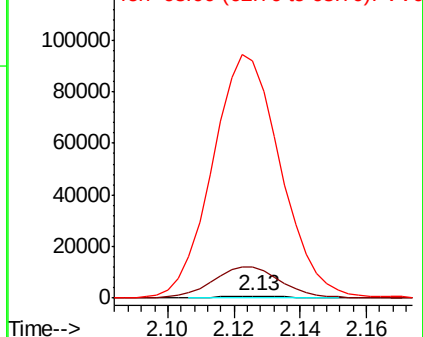
63 11784.9 103.0 191.2#

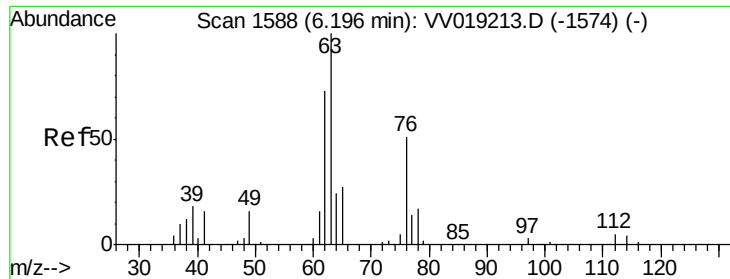


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0

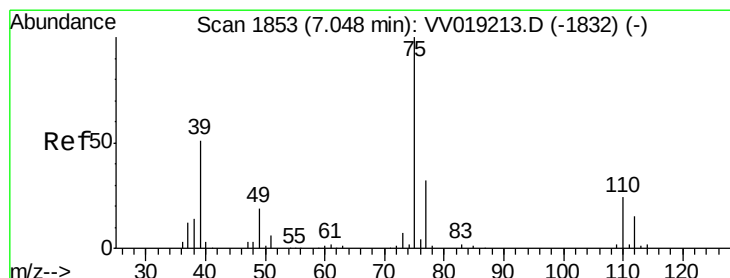
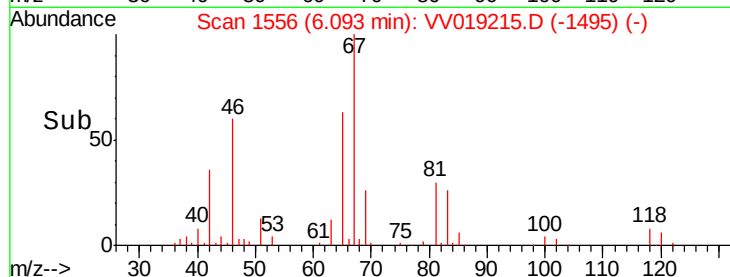
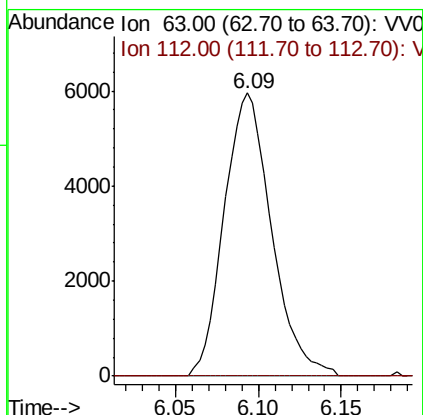
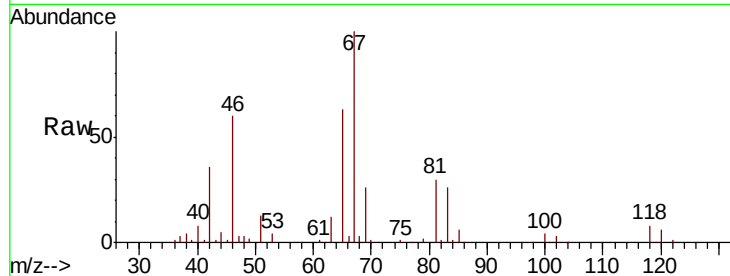




#37
 1,2-Dichloropropane
 Concen: 7.609 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.10 min
 Lab File: VV019215.D
 Acq: 02 Nov 2020 22:08

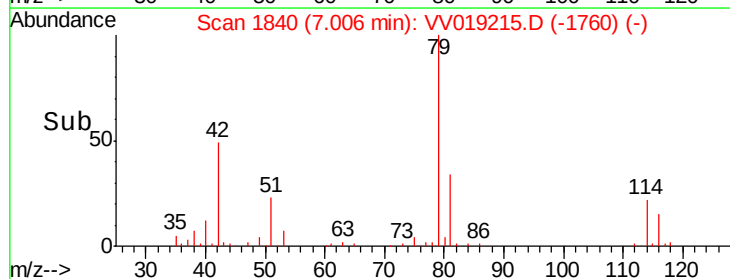
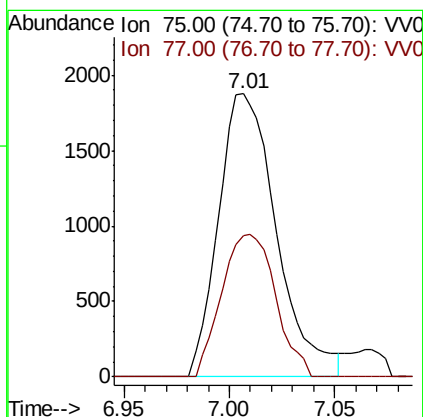
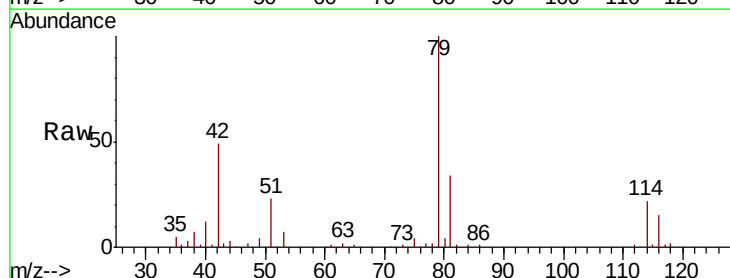
Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK305

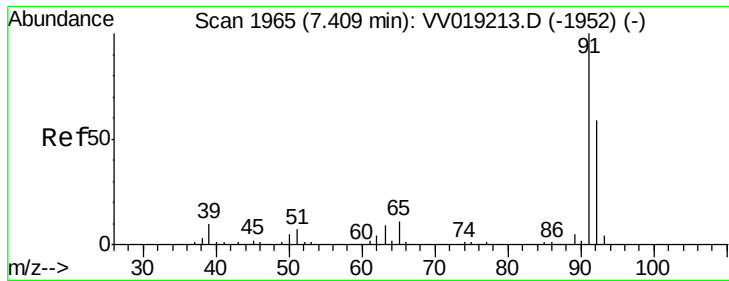
Tot Ion: 63 Resp: 11829
 Ion Ratio Lower Upper
 63 100
 112 0.0 4.2 6.2#



#39
 cis-1,3-Dichloropropene
 Concen: 1.444 ug/L
 RT: 7.01 min Scan# 1840
 Delta R.T. -0.04 min
 Lab File: VV019215.D
 Acq: 02 Nov 2020 22:08

Tgt Ion: 75 Resp: 3591
 Ion Ratio Lower Upper
 75 100
 77 49.8 22.2 41.2#





#42

Toluene

Concen: 0.373 ug/L

RT: 7.42 min Scan# 1969

Delta R.T. 0.01 min

Lab File: VV019215.D

Acq: 02 Nov 2020 22:08

Instrument :

MSVOA_V

ClientSampleId :

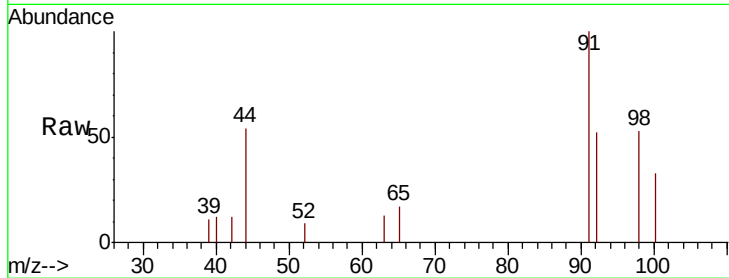
VBLK305

Tot Ion: 91 Resp: 2351

Ion Ratio Lower Upper

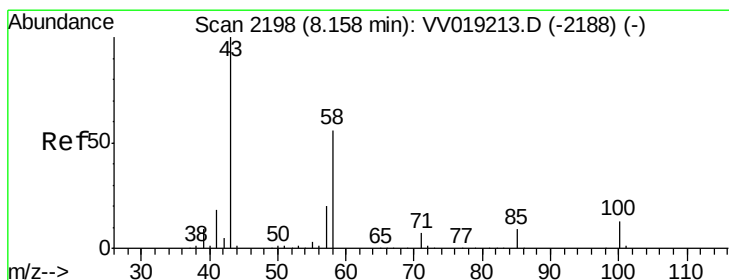
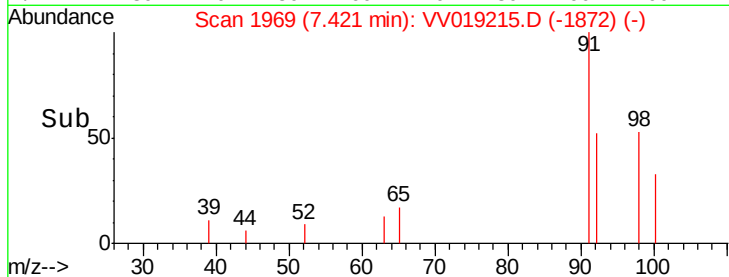
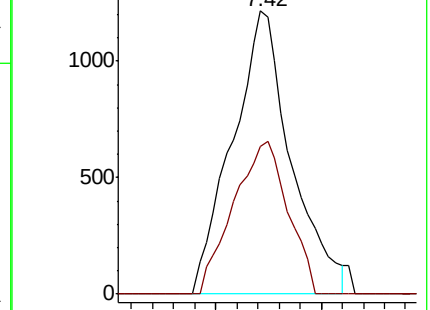
91 100

92 52.3 40.6 75.4



Abundance Ion 91.00 (90.70 to 91.70): VV019213.D (-1952) (-)

Ion 92.00 (91.70 to 92.70): VV019215.D (-1872) (-)



#48

2-Hexanone

Concen: 6.156 ug/L

RT: 8.11 min Scan# 2182

Delta R.T. -0.05 min

Lab File: VV019215.D

Acq: 02 Nov 2020 22:08

Tgt Ion: 43 Resp: 9720

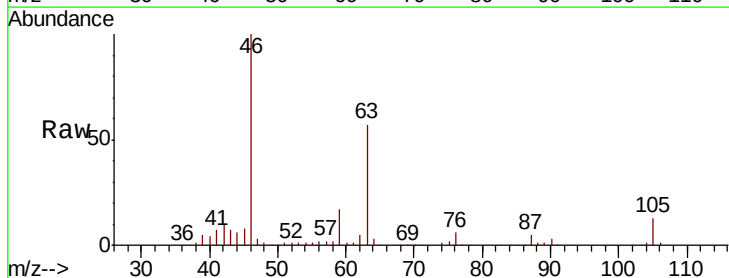
Ion Ratio Lower Upper

43 100

58 29.5 42.6 63.8#

57 25.9 15.8 23.8#

100 0.0 10.4 15.6#

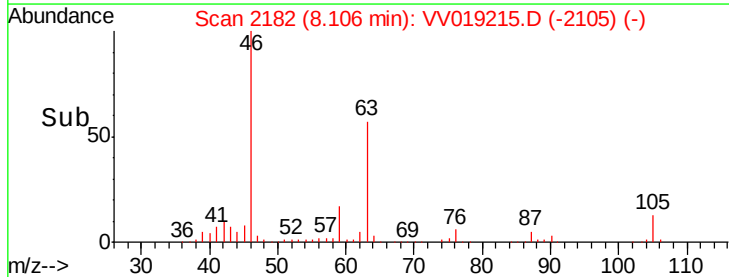
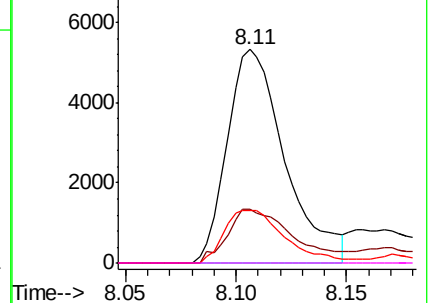


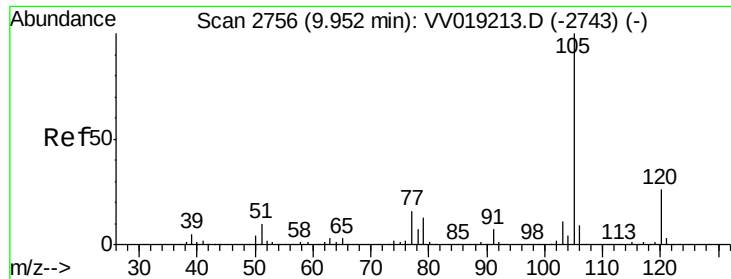
Abundance Ion 43.00 (42.70 to 43.70): VV019213.D (-2188) (-)

Ion 58.00 (57.70 to 58.70): VV019215.D (-2105) (-)

Ion 57.00 (56.70 to 57.70): VV019215.D (-2105) (-)

Ion 100.00 (99.70 to 100.70): VV019215.D (-2105) (-)





#60

Isopropylbenzene

Concen: 0.060 ug/L

RT: 9.96 min Scan# 2758

Delta R.T. 0.01 min

Lab File: VV019215.D

Acq: 02 Nov 2020 22:08

Instrument :

MSVOA_V

ClientSampleId :

VBLK305

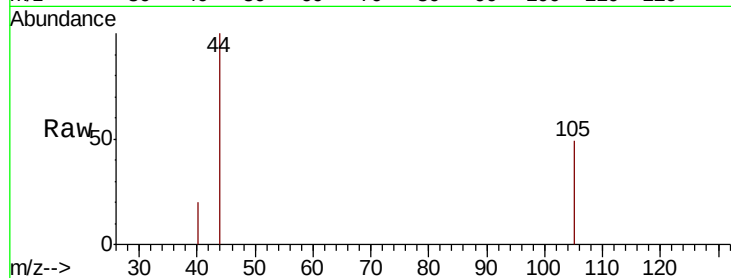
Tot Ion:105 Resp: 370

Ion Ratio Lower Upper

105 100

120 0.0 21.0 31.4#

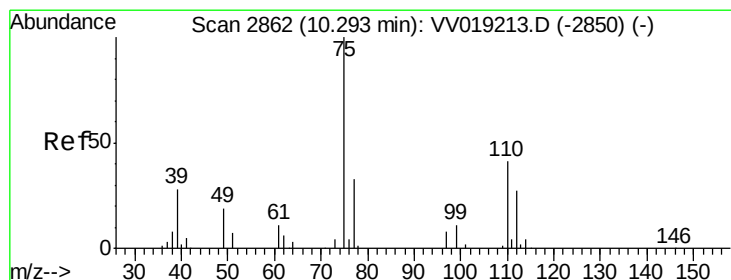
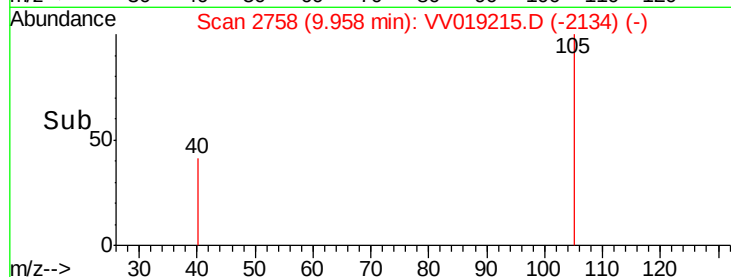
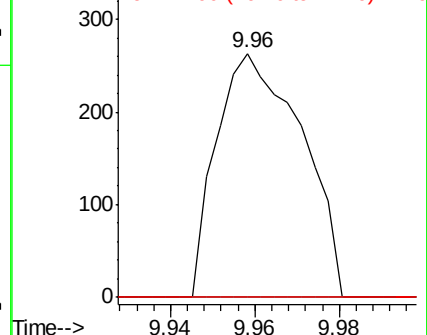
77 0.0 13.0 19.6#



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: 0.023 ug/L

RT: 11.21 min Scan# 3146

Delta R.T. 0.91 min

Lab File: VV019215.D

Acq: 02 Nov 2020 22:08

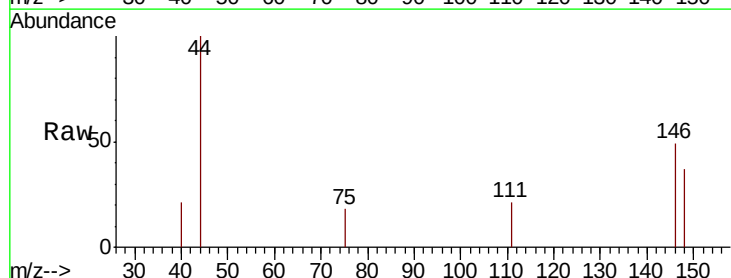
Tgt Ion: 75 Resp: 42

Ion Ratio Lower Upper

75 100

77 0.0 24.8 37.2#

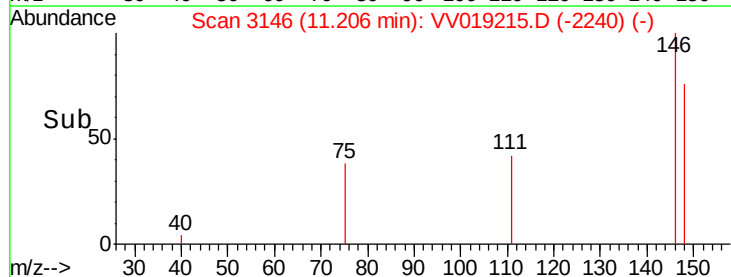
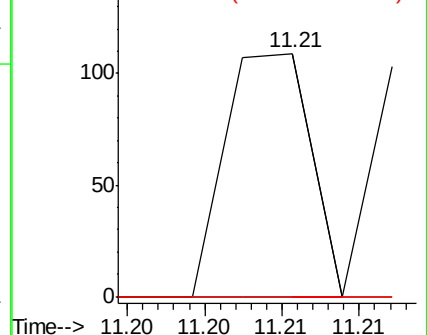
110 0.0 33.4 50.2#

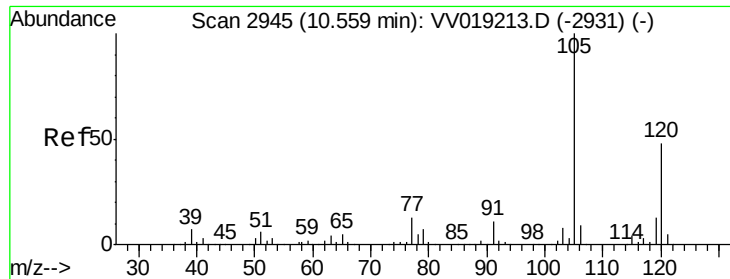


Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

Ion 110.00 (109.70 to 110.70): V





#62

1,3,5-Trimethylbenzene

Concen: 0.108 ug/L

RT: 10.57 min Scan# 2947

Delta R.T. 0.01 min

Lab File: VV019215.D

Acq: 02 Nov 2020 22:08

Instrument :

MSVOA_V

ClientSampled :

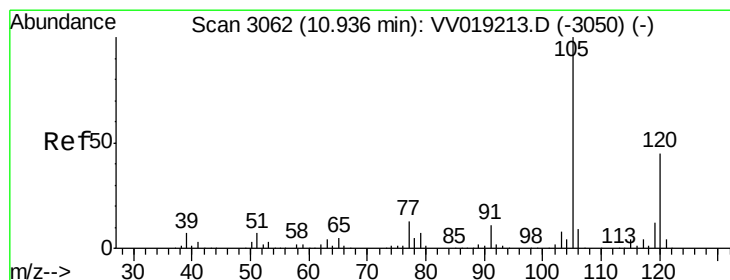
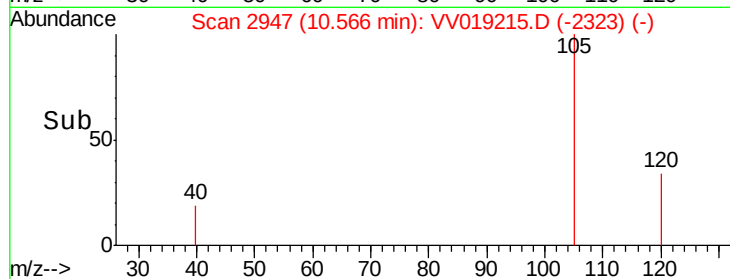
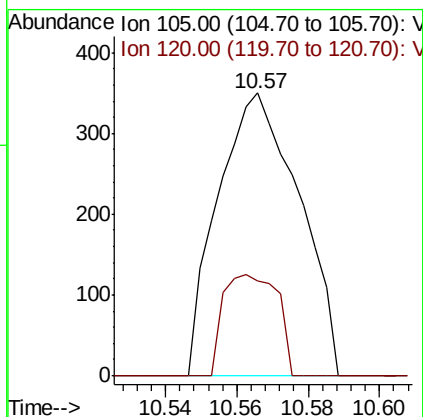
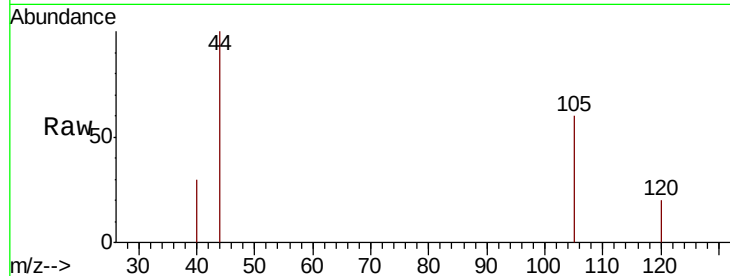
VBLK305

Tot Ion:105 Resp: 551

Ion Ratio Lower Upper

105 100

120 24.0 38.3 57.5#



#63

1,2,4-Trimethylbenzene

Concen: 0.117 ug/L

RT: 10.94 min Scan# 3064

Delta R.T. 0.01 min

Lab File: VV019215.D

Acq: 02 Nov 2020 22:08

Tgt Ion:105 Resp: 589

Ion Ratio Lower Upper

105 100

120 25.8 35.7 53.5#

