

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX010521\
 Data File : VX020506.D
 Acq On : 05 Jan 2021 18:53
 Operator : JC/MD
 Sample : VX0105WBL01
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VBLK304

Quant Time: Jan 06 04:57:24 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SFAMXTR010521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 06 04:56:09 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.82	114	155699	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	161029	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.06	152	70877	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	61073	4.87	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.40%
7) Chloroethane-d5	1.69	69	54989	5.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.40%
11) 1,1-Dichloroethene-d2	2.34	63	94693	3.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.00%
20) 2-Butanone-d5	4.54	46	140502	51.77	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.54%
24) Chloroform-d	5.14	84	119908	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.20%
26) 1,2-Dichloroethane-d4	6.03	65	60489	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.00%
32) Benzene-d6	6.04	84	249968	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
36) 1,2-Dichloropropane-d6	7.37	67	74724	4.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.60%
41) Toluene-d8	8.70	98	209045	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.60%
43) trans-1,3-Dichloropropene-	8.99	79	24798	4.54	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.80%
46) 2-Hexanone-d5	9.43	63	126328	51.07	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.14%
56) 1,1,2,2-Tetrachloroethane-	11.23	84	52902	4.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.00%
66) 1,2-Dichlorobenzene-d4	12.36	152	75930	5.49	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.80%

Target Compounds

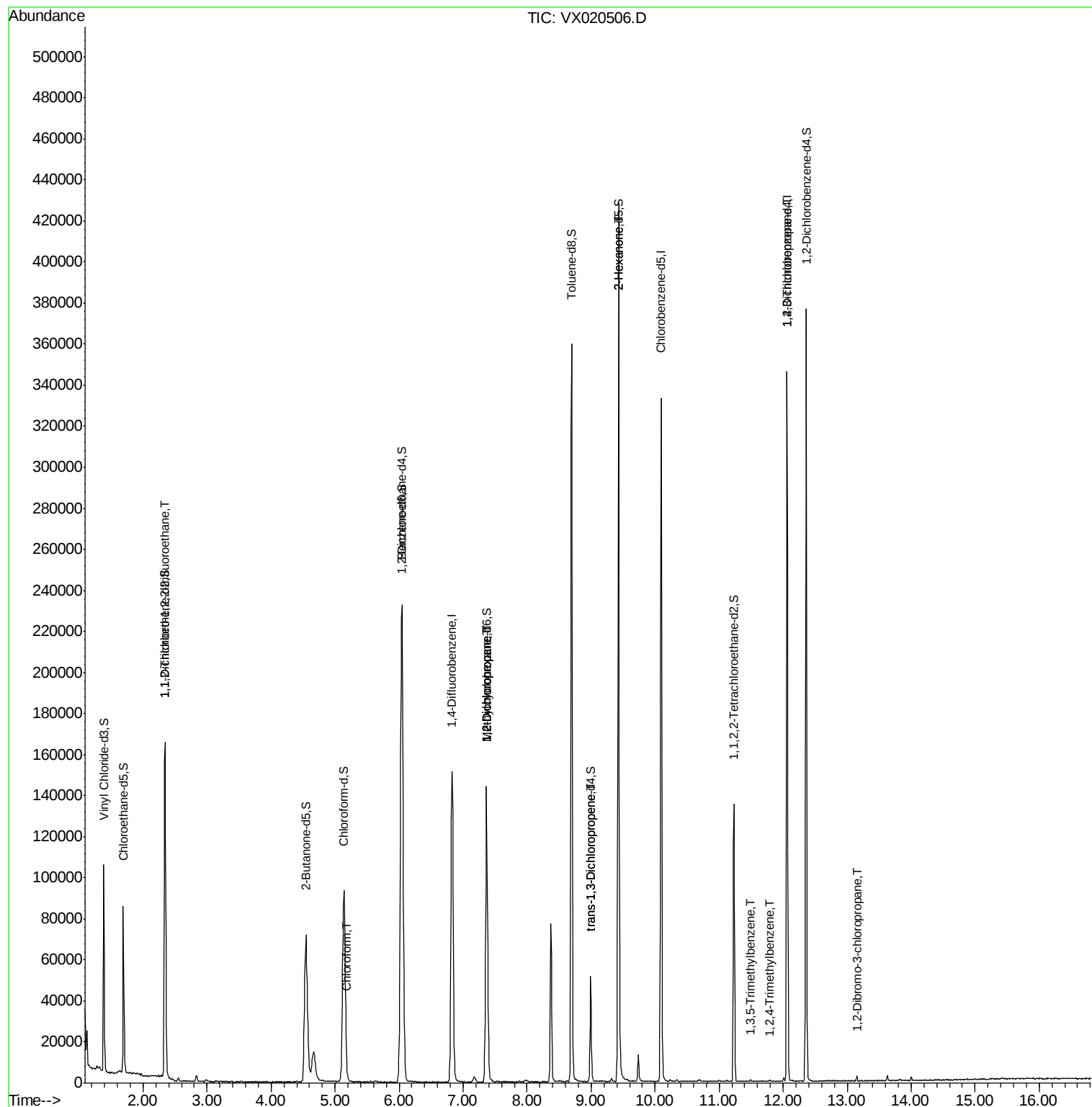
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.34	101	1016	0.086	ug/L #	21
25) Chloroform	5.18	83	2602	0.109	ug/L	98
35) Methylcyclohexane	7.37	83	18217	0.848	ug/L #	18
37) 1,2-Dichloropropane	7.37	63	8092	0.596	ug/L #	85
44) trans-1,3-Dichloropropene	8.99	75	1366	0.088	ug/L #	73
48) 2-Hexanone	9.43	43	13973	3.050	ug/L #	67
61) 1,2,3-Trichloropropane	12.06	75	8091	1.183	ug/L #	67
62) 1,3,5-Trimethylbenzene	11.49	105	409	0.010	ug/L	95
63) 1,2,4-Trimethylbenzene	11.79	105	439	0.011	ug/L	95
68) 1,2-Dibromo-3-chloropropan	13.15	75	128	0.087	ug/L #	1

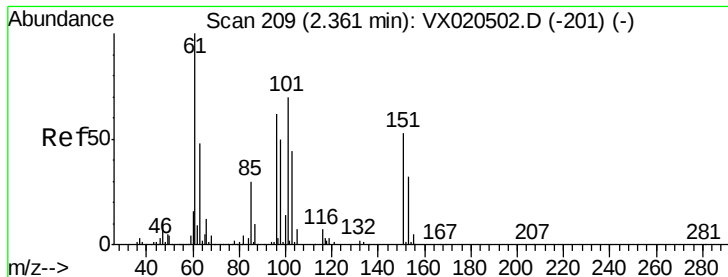
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX010521\
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VBLK304

Quant Time: Jan 06 04:57:24 2021
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\SFAMXTR010521WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Jan 06 04:56:09 2021
Response via : Initial Calibration





#10

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

Concen: 0.086 ug/L

RT: 2.34 min Scan# 206

Delta R.T. -0.02 min

Lab File: VX020506.D

Acq: 05 Jan 2021 18:53

Instrument :

MSVOA_X

ClientSampleId :

VBLK304

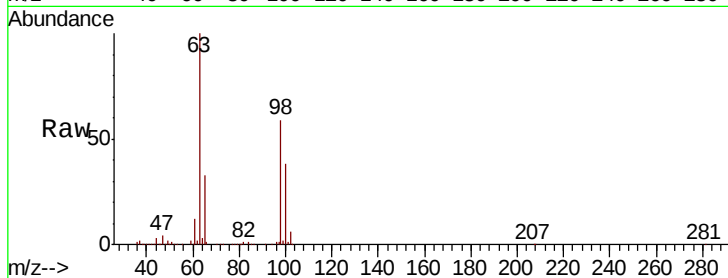
Tot Ion:101 Resp: 1016

Ion Ratio Lower Upper

101 100

85 3.6 34.9 52.3#

151 0.0 61.0 91.6#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V

2.34

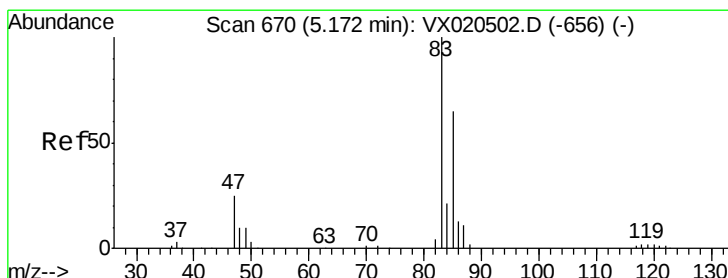
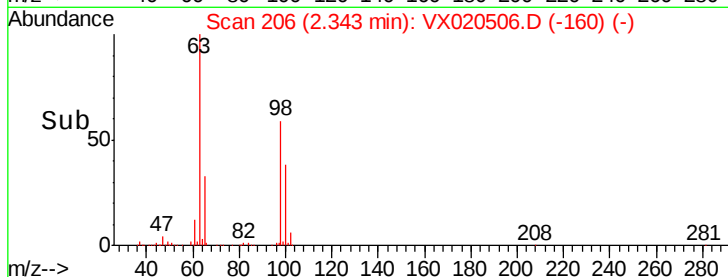
400

200

0

2.30 2.35 2.40

Time-->



#25

Chloroform

Concen: 0.109 ug/L

RT: 5.18 min Scan# 671

Delta R.T. 0.01 min

Lab File: VX020506.D

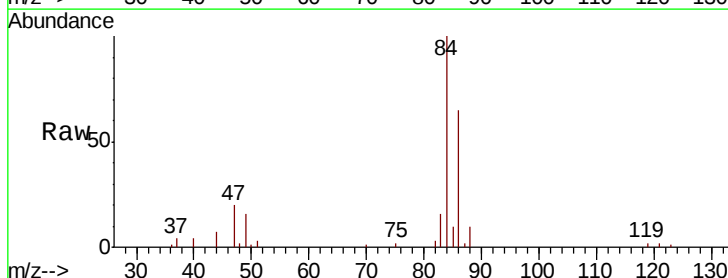
Acq: 05 Jan 2021 18:53

Tgt Ion: 83 Resp: 2602

Ion Ratio Lower Upper

83 100

85 63.9 45.6 84.8



Abundance Ion 83.05 (82.75 to 83.75): VX0

Ion 85.00 (84.70 to 85.70): VX0

1000

800

600

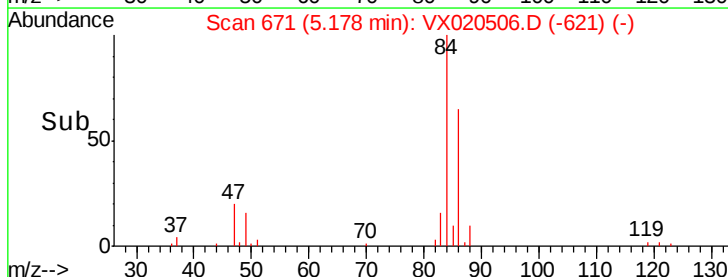
400

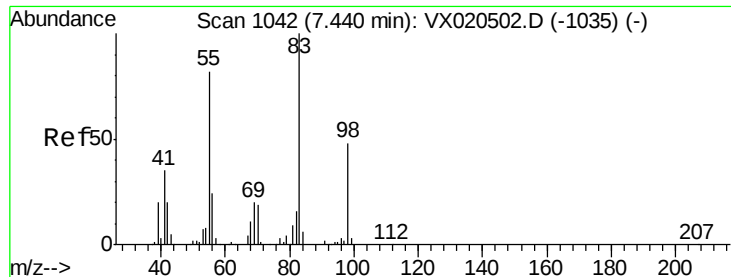
200

0

5.05 5.10 5.15 5.20 5.25

Time-->

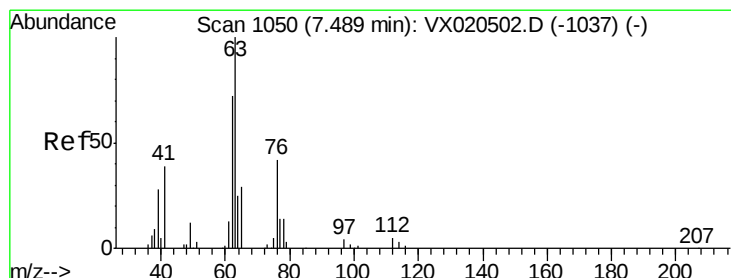
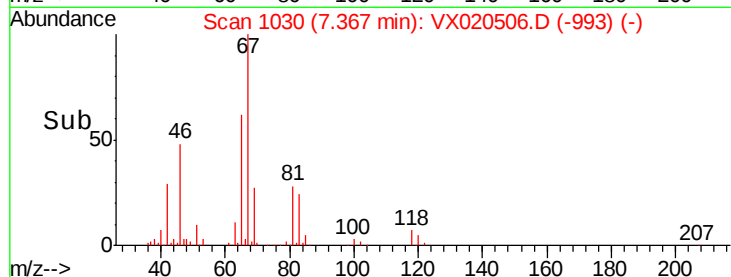
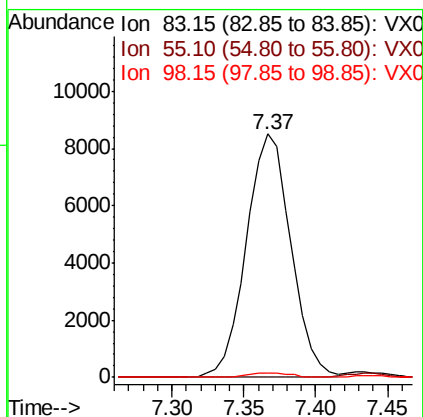
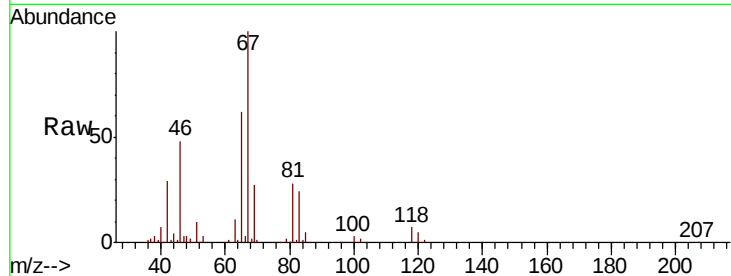




#35
Methylcyclohexane
Concen: 0.848 ug/L
RT: 7.37 min Scan# 1030
Delta R.T. -0.07 min
Lab File: VX020506.D
Acq: 05 Jan 2021 18:53

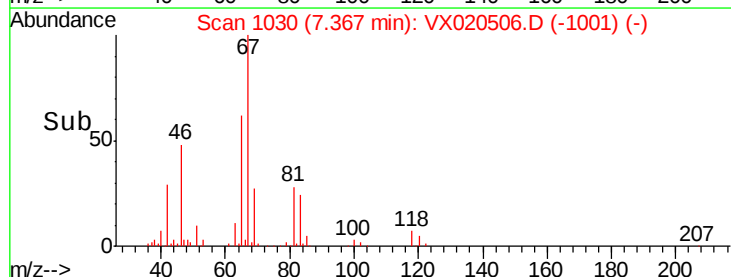
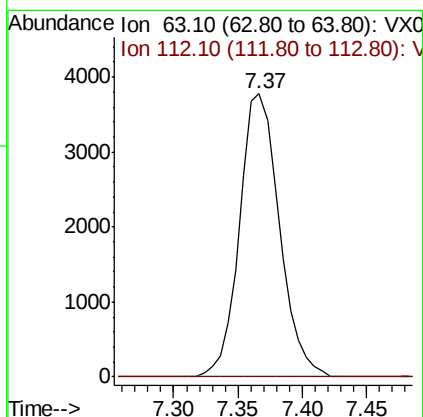
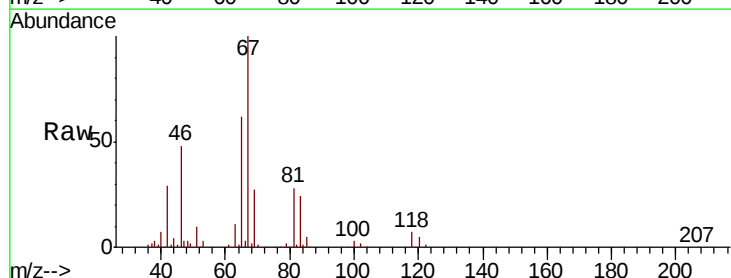
Instrument :
MSVOA_X
ClientSampled :
VBLK304

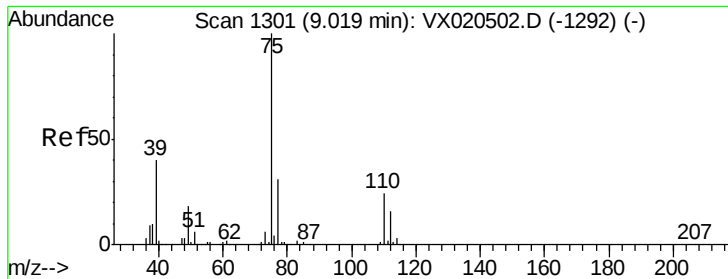
Tot Ion: 83 Resp: 18217
Ion Ratio Lower Upper
83 100
55 0.0 63.4 95.0#
98 1.6 39.2 58.8#



#37
1,2-Dichloropropane
Concen: 0.596 ug/L
RT: 7.37 min Scan# 1030
Delta R.T. -0.12 min
Lab File: VX020506.D
Acq: 05 Jan 2021 18:53

Tgt Ion: 63 Resp: 8092
Ion Ratio Lower Upper
63 100
112 0.0 3.9 5.9#





#44

trans-1,3-Dichloropropene

Concen: 0.088 ug/L

RT: 8.99 min Scan# 1297

Delta R.T. -0.02 min

Lab File: VX020506.D

Acq: 05 Jan 2021 18:53

Instrument :

MSVOA_X

ClientSampleId :

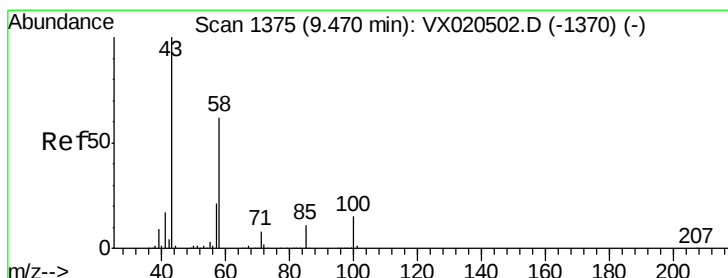
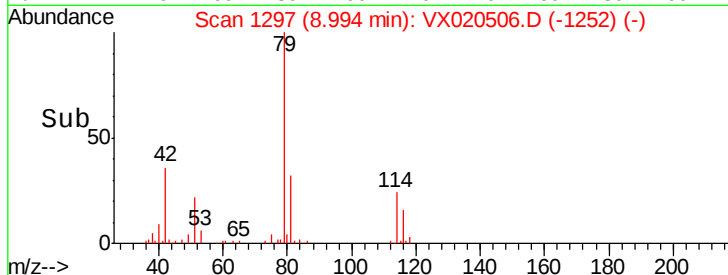
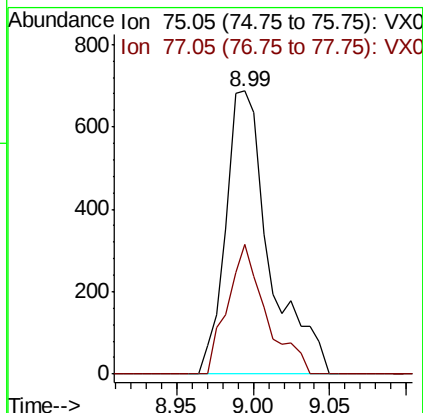
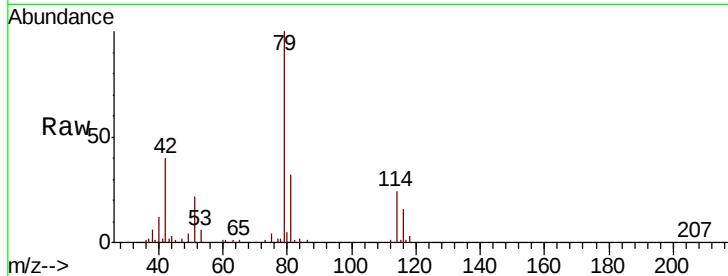
VBLK304

Tot Ion: 75 Resp: 1366

Ion Ratio Lower Upper

75 100

77 45.7 21.7 40.3#



#48

2-Hexanone

Concen: 3.050 ug/L

RT: 9.43 min Scan# 1368

Delta R.T. -0.04 min

Lab File: VX020506.D

Acq: 05 Jan 2021 18:53

Tgt Ion: 43 Resp: 13973

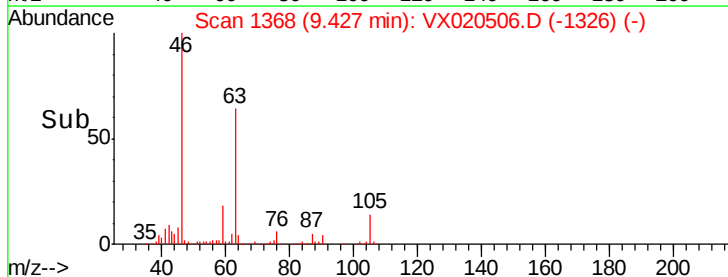
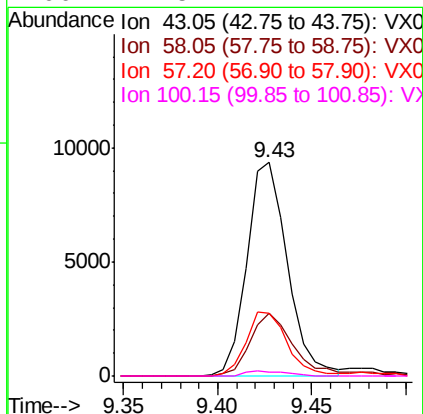
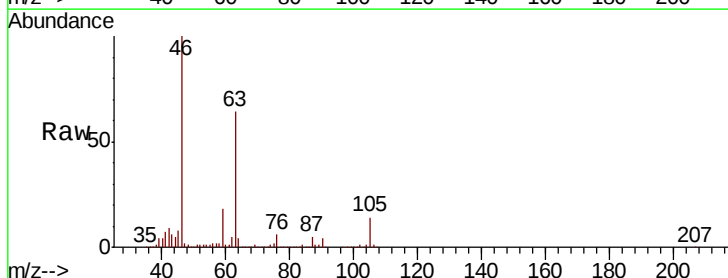
Ion Ratio Lower Upper

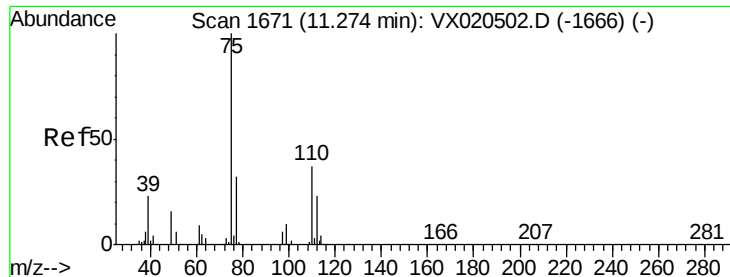
43 100

58 32.4 48.8 73.2#

57 30.6 16.6 25.0#

100 2.5 11.4 17.2#

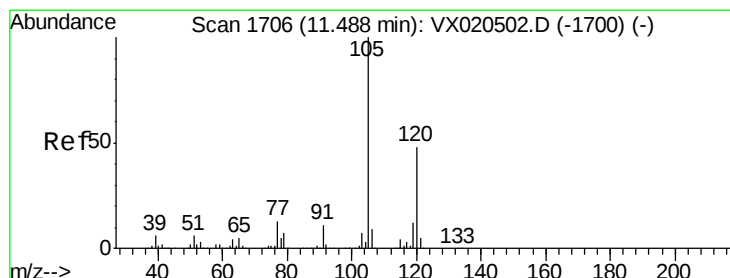
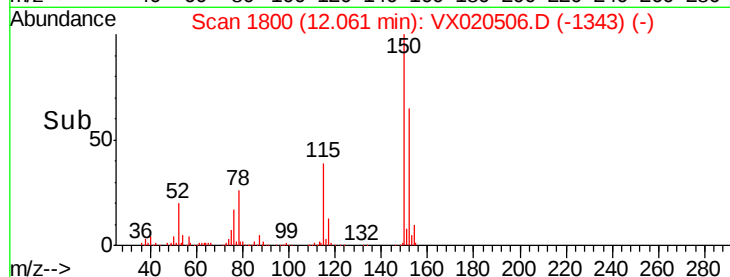
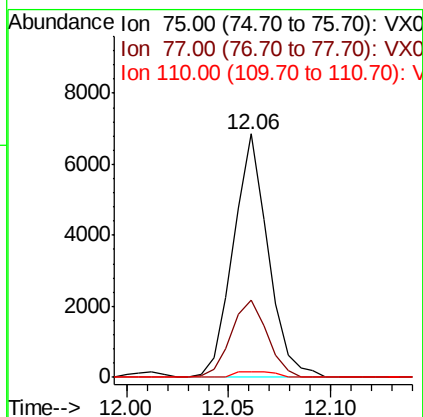
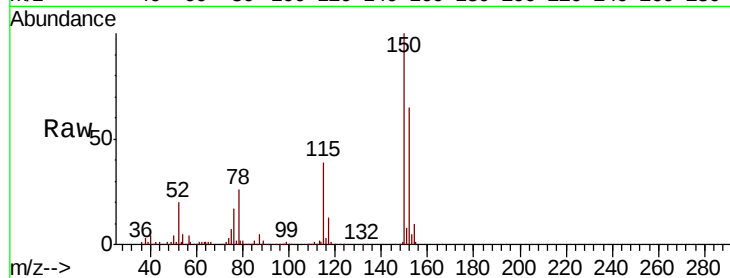




#61
 1,2,3-Trichloropropane
 Concen: 1.183 ug/L
 RT: 12.06 min Scan# 1800
 Delta R.T. 0.79 min
 Lab File: VX020506.D
 Acq: 05 Jan 2021 18:53

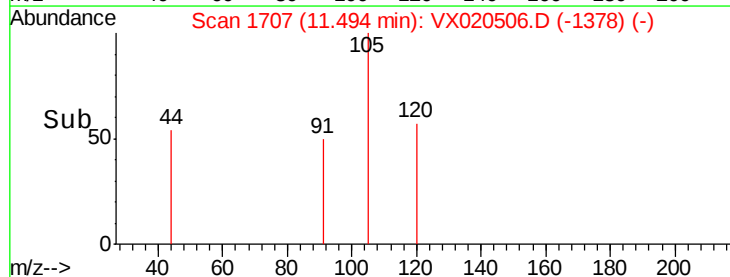
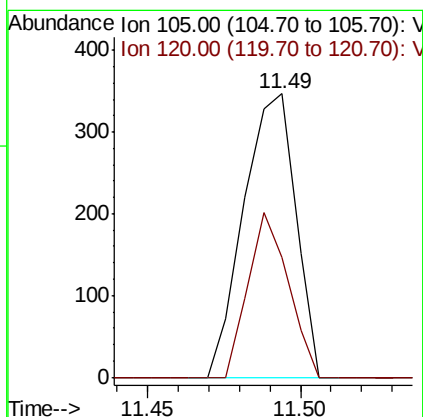
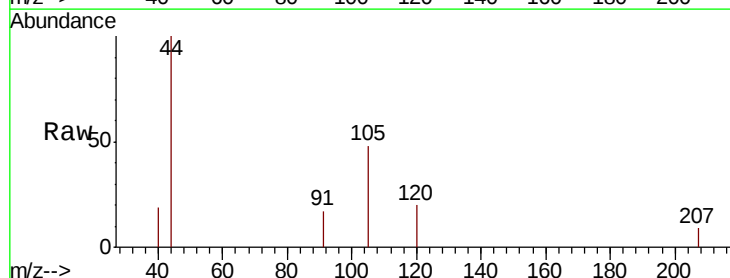
Instrument :
 MSVOA_X
 ClientSampled :
 VBLK304

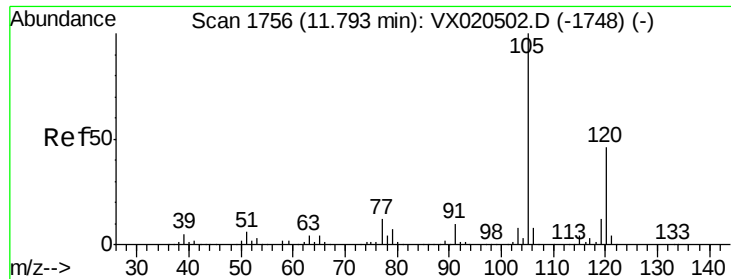
Tot Ion: 75 Resp: 8091
 Ion Ratio Lower Upper
 75 100
 77 32.9 26.3 39.5
 110 2.6 32.1 48.1#



#62
 1,3,5-Trimethylbenzene
 Concen: 0.010 ug/L
 RT: 11.49 min Scan# 1707
 Delta R.T. 0.01 min
 Lab File: VX020506.D
 Acq: 05 Jan 2021 18:53

Tgt Ion: 105 Resp: 409
 Ion Ratio Lower Upper
 105 100
 120 45.0 38.8 58.2

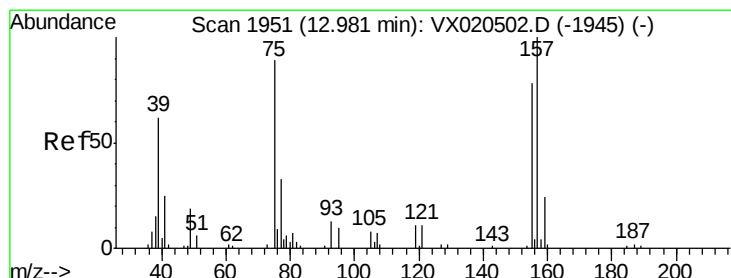
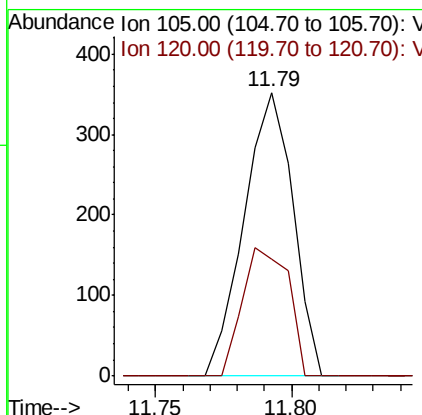
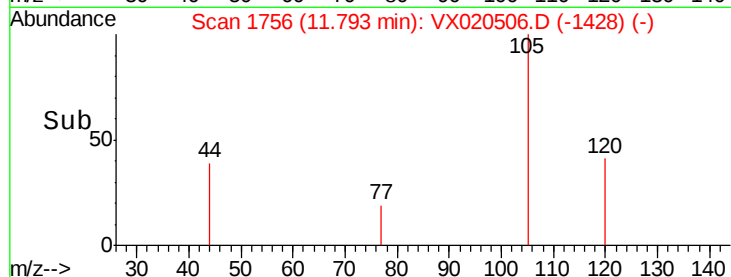
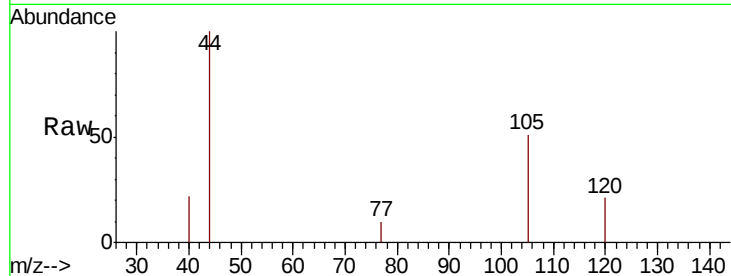




#63
 1,2,4-Trimethylbenzene
 Concen: 0.011 ug/L
 RT: 11.79 min Scan# 1756
 Delta R.T. 0.00 min
 Lab File: VX020506.D
 Acq: 05 Jan 2021 18:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VBLK304

Tot Ion:105 Resp: 439
 Ion Ratio Lower Upper
 105 100
 120 42.4 36.5 54.7



#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.087 ug/L
 RT: 13.15 min Scan# 1979
 Delta R.T. 0.17 min
 Lab File: VX020506.D
 Acq: 05 Jan 2021 18:53

Tgt Ion: 75 Resp: 128
 Ion Ratio Lower Upper
 75 100
 155 0.0 69.8 104.8#
 157 0.0 90.0 135.0#

