

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX092220\
 Data File : VX018535.D
 Acq On : 23 Sep 2020 12:04
 Operator : JC/SP
 Sample : VX0922WBL01
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VBLK301

Quant Time: Sep 24 00:49:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SFAMXTR092220WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 24 00:42:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	272883	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	264075	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.06	152	121175	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	70523	4.73	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.60%
7) Chloroethane-d5	1.70	69	57895	4.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.00%
11) 1,1-Dichloroethene-d2	2.34	63	122195	3.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.80%
20) 2-Butanone-d5	4.56	46	177059	50.68	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.36%
24) Chloroform-d	5.14	84	153210	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
26) 1,2-Dichloroethane-d4	6.03	65	84689	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.40%
32) Benzene-d6	6.04	84	289357	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
36) 1,2-Dichloropropane-d6	7.37	67	88892	4.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.80%
41) Toluene-d8	8.70	98	261622	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.40%
43) trans-1,3-Dichloropropene-	8.99	79	36455	4.71	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.20%
46) 2-Hexanone-d5	9.43	63	135649	47.68	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.36%
56) 1,1,2,2-Tetrachloroethane-	11.23	84	61599	4.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.80%
66) 1,2-Dichlorobenzene-d4	12.36	152	96288	5.00	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.00%

Target Compounds

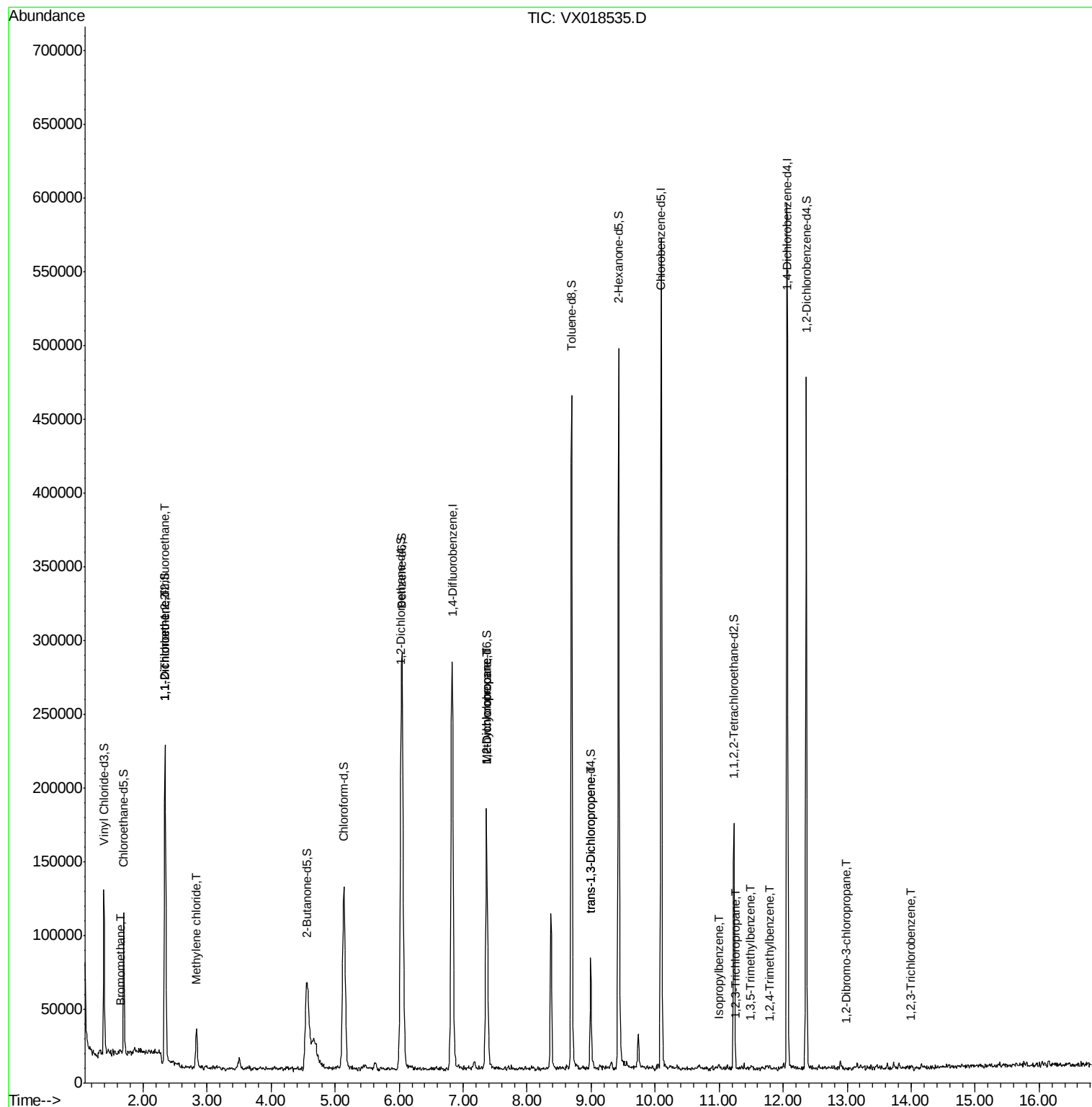
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
6) Bromomethane	1.65	94	1699	0.200	ug/L	89
10) 1,1,2-Trichloro-1,2,2-trif	2.34	101	1573	0.118	ug/L #	21
12) 1,1-Dichloroethene	2.34	96	1806	0.146	ug/L #	1
16) Methylene chloride	2.84	84	12214	0.734	ug/L	85
35) Methylcyclohexane	7.37	83	22321	1.152	ug/L #	17
37) 1,2-Dichloropropane	7.37	63	10792	0.864	ug/L #	86
44) trans-1,3-Dichloropropene	8.99	75	2651	0.160	ug/L	97
60) Isopropylbenzene	11.00	105	1201	0.024	ug/L #	55
61) 1,2,3-Trichloropropane	11.27	75	541	0.073	ug/L #	60
62) 1,3,5-Trimethylbenzene	11.49	105	887	0.022	ug/L	97
63) 1,2,4-Trimethylbenzene	11.79	105	926	0.023	ug/L	91
68) 1,2-Dibromo-3-chloropropan	12.98	75	173	0.085	ug/L #	48
72) 1,2,3-Trichlorobenzene	14.01	180	793	0.057	ug/L	85

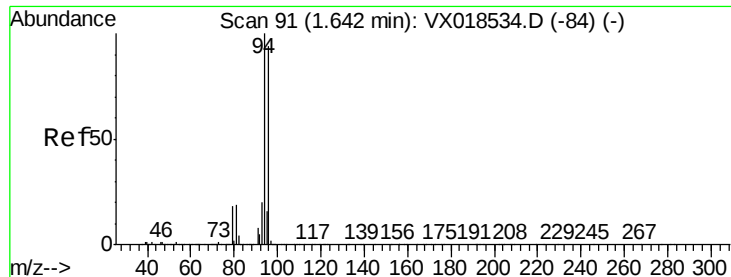
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Sep 24 00:42:13 2020
Response via : Initial Calibration





#6

Bromomethane

Concen: 0.200 ug/L

RT: 1.65 min Scan# 92

Delta R.T. 0.01 min

Lab File: VX018535.D

Acq: 23 Sep 2020 12:04

Instrument :

MSVOA_X

ClientSampled :

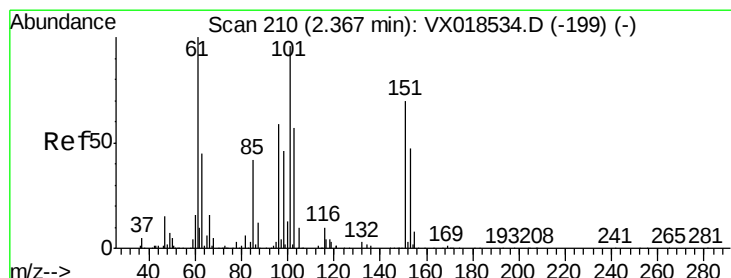
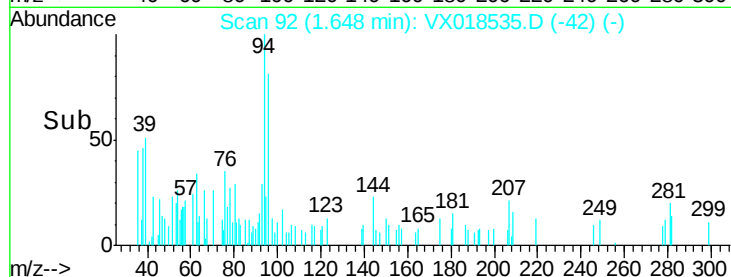
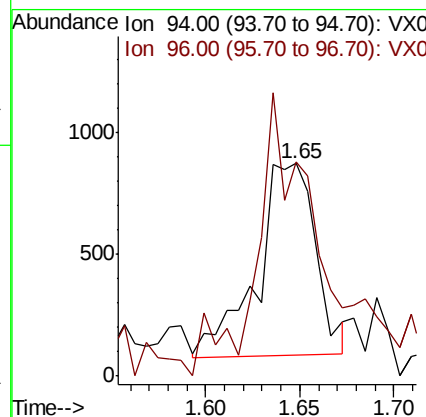
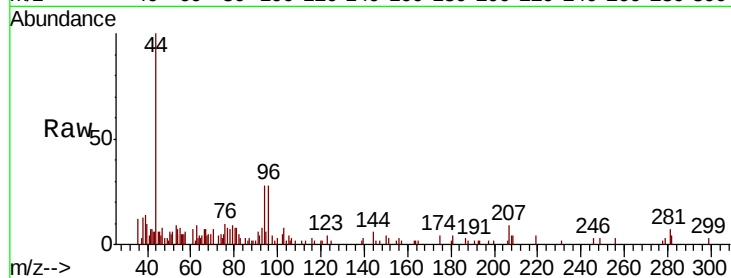
VBLK301

Tot Ion: 94 Resp: 1699

Ion Ratio Lower Upper

94 100

96 82.2 65.2 121.2



#10

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

Concen: 0.118 ug/L

RT: 2.34 min Scan# 206

Delta R.T. -0.02 min

Lab File: VX018535.D

Acq: 23 Sep 2020 12:04

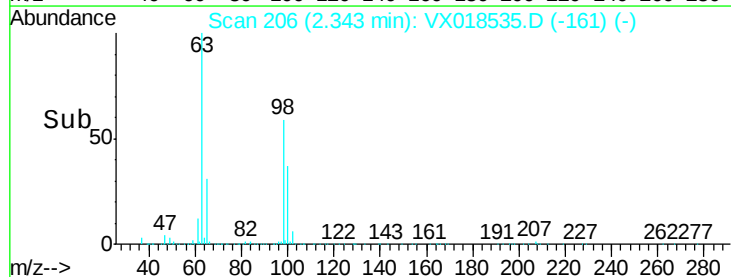
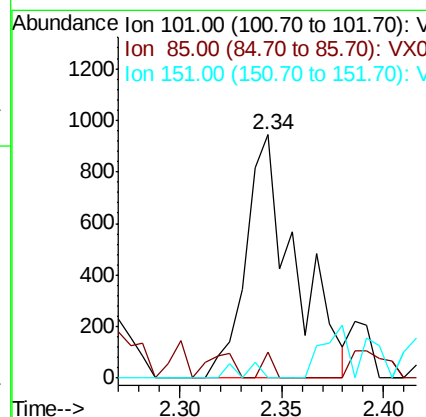
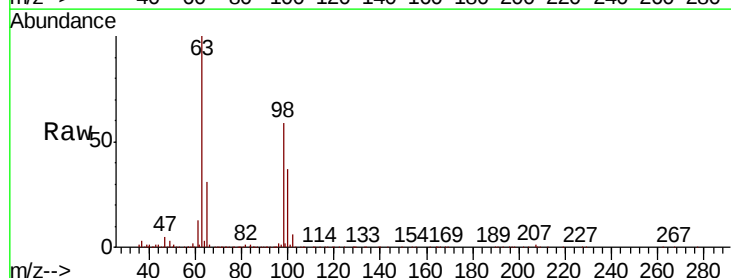
Tgt Ion:101 Resp: 1573

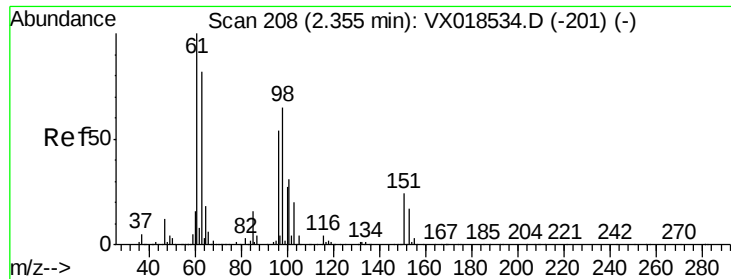
Ion Ratio Lower Upper

101 100

85 2.4 35.9 53.9#

151 2.8 62.4 93.6#

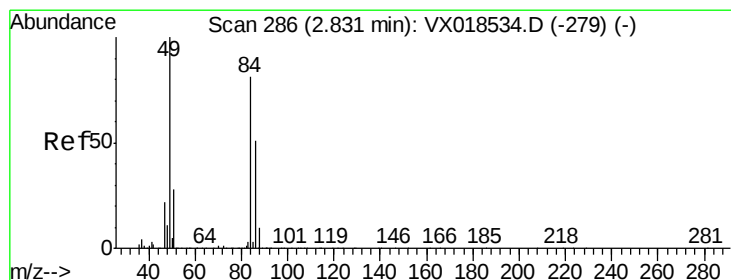
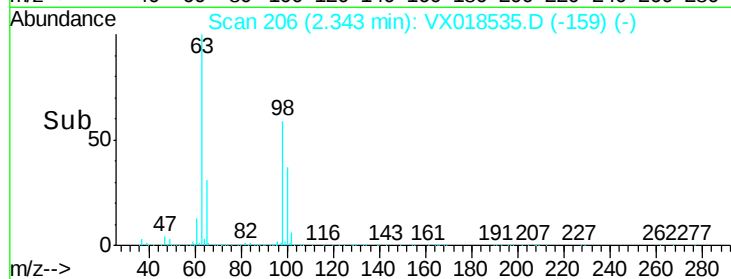
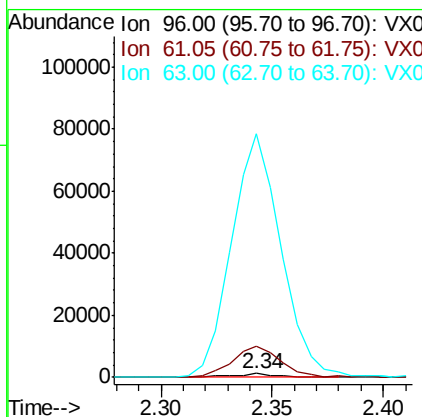
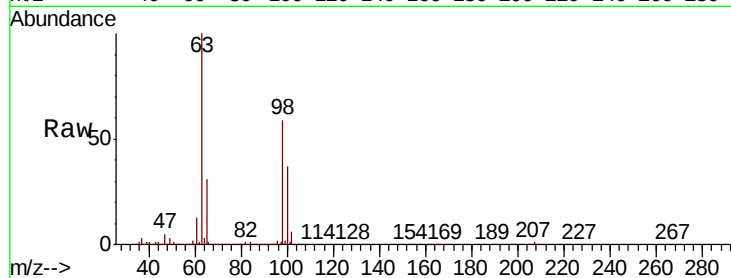




#12
 1,1-Dichloroethene
 Concen: 0.146 ug/L
 RT: 2.34 min Scan# 206
 Delta R.T. -0.01 min
 Lab File: VX018535.D
 Acq: 23 Sep 2020 12:04

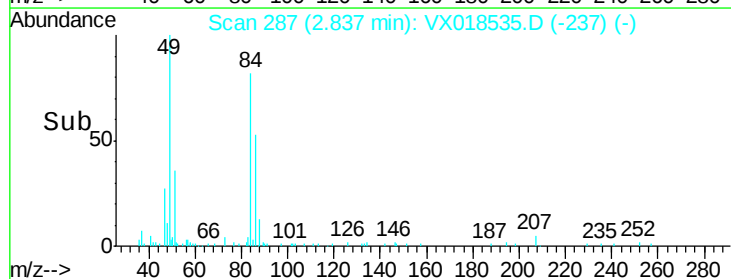
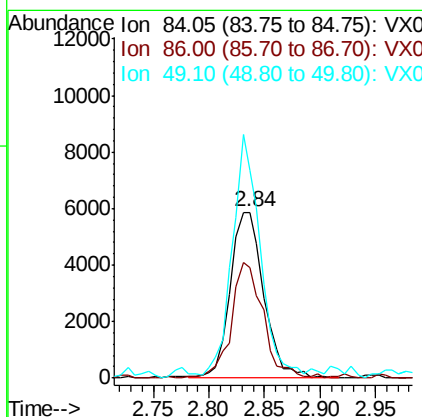
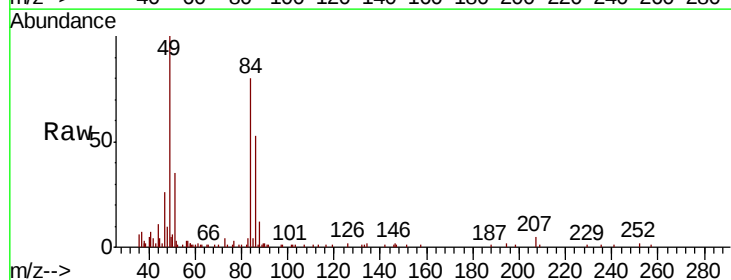
Instrument :
 MSVOA_X
 ClientSampleId :
 VBLK301

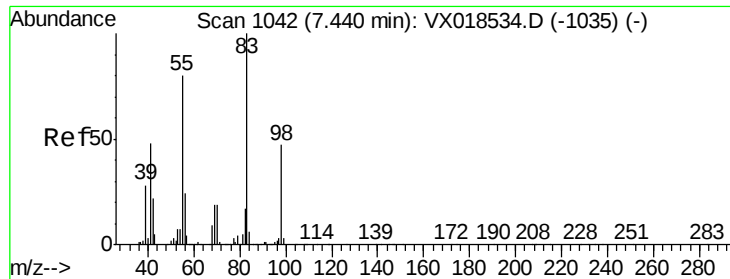
Tot Ion: 96 Resp: 1806
 Ion Ratio Lower Upper
 96 100
 61 819.6 128.9 239.3#
 63 6471.9 105.6 196.2#



#16
 Methylene chloride
 Concen: 0.734 ug/L
 RT: 2.84 min Scan# 287
 Delta R.T. 0.01 min
 Lab File: VX018535.D
 Acq: 23 Sep 2020 12:04

Tgt Ion: 84 Resp: 12214
 Ion Ratio Lower Upper
 84 100
 86 66.7 39.8 74.0
 49 130.8 79.5 147.6

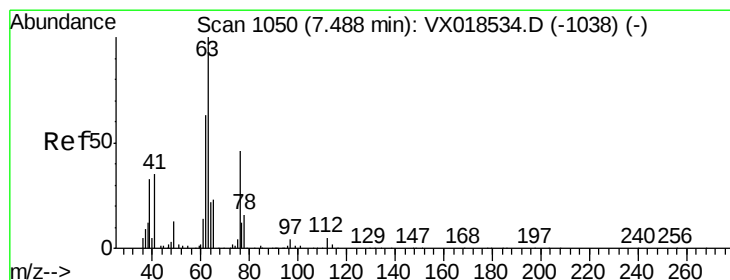
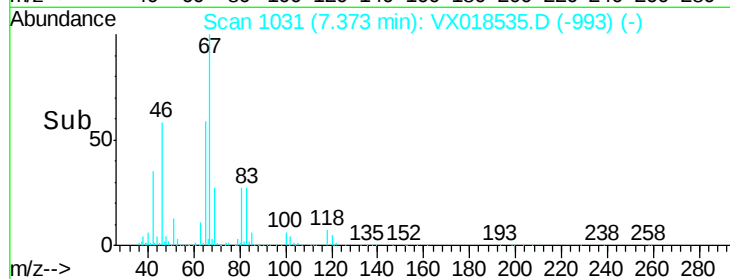
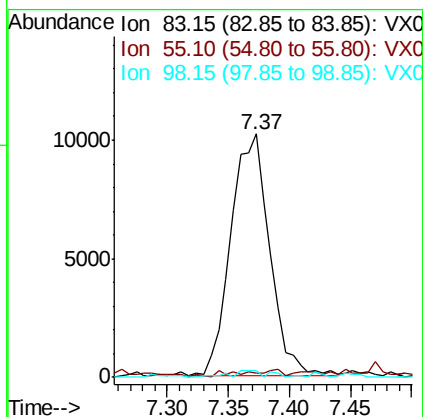
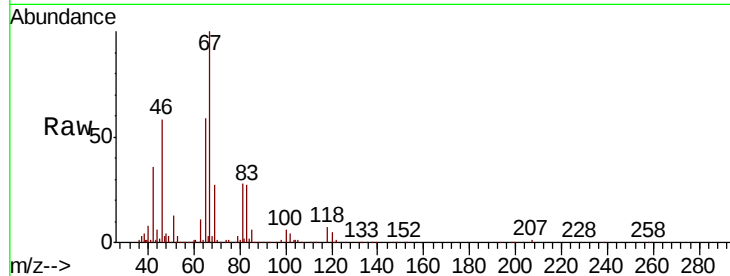




#35
Methvlcvclohexane
Concen: 1.152 ug/L
RT: 7.37 min Scan# 1031
Delta R.T. -0.07 min
Lab File: VX018535.D
Acq: 23 Sep 2020 12:04

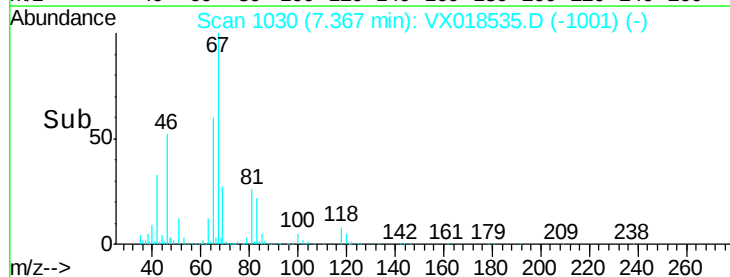
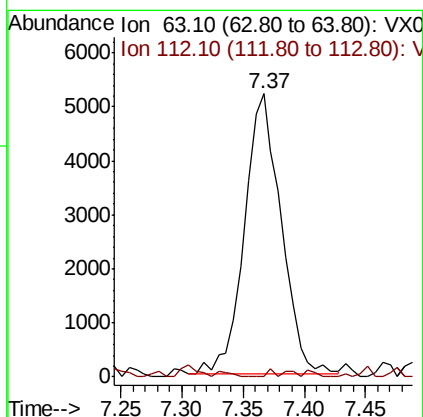
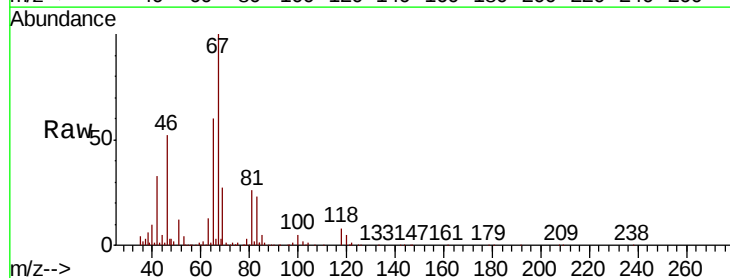
Instrument :
MSVOA_X
ClientSampled :
VBLK301

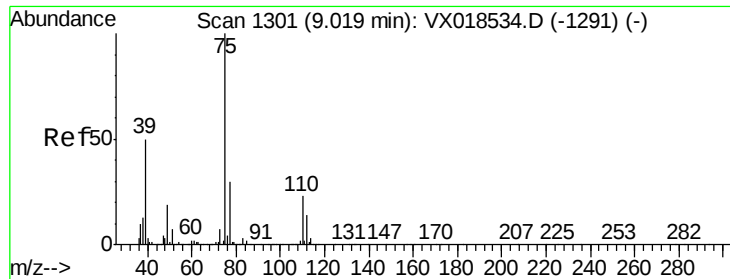
Tot Ion: 83 Resp: 22321
Ion Ratio Lower Upper
83 100
55 0.0 65.7 98.5#
98 2.1 37.8 56.8#



#37
1,2-Dichloropropane
Concen: 0.864 ug/L
RT: 7.37 min Scan# 1030
Delta R.T. -0.12 min
Lab File: VX018535.D
Acq: 23 Sep 2020 12:04

Tgt Ion: 63 Resp: 10792
Ion Ratio Lower Upper
63 100
112 0.5 4.1 6.1#





#44

trans-1,3-Dichloropropene

Concen: 0.160 ug/L

RT: 8.99 min Scan# 1296

Delta R.T. -0.03 min

Lab File: VX018535.D

Acq: 23 Sep 2020 12:04

Instrument :

MSVOA_X

ClientSampleId :

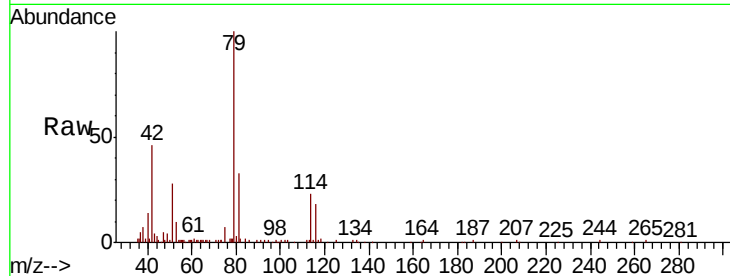
VBLK301

Tot Ion: 75 Resp: 2651

Ion Ratio Lower Upper

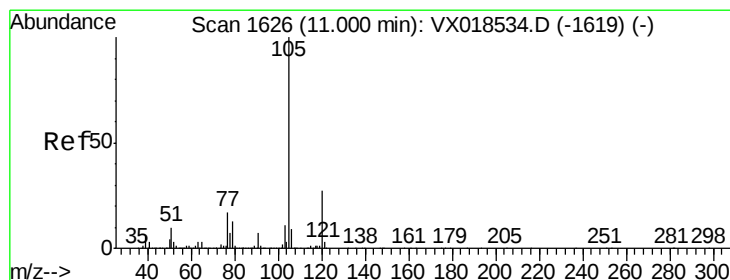
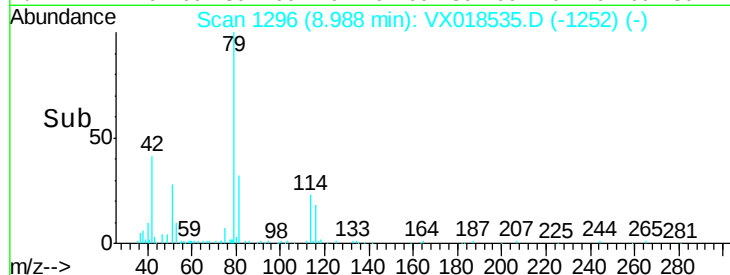
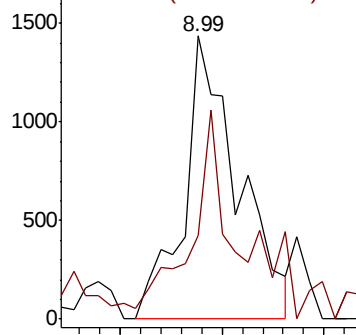
75 100

77 29.8 22.0 41.0



Abundance Ion 75.05 (74.75 to 75.75): VX0

Ion 77.05 (76.75 to 77.75): VX0



#60

Isopropylbenzene

Concen: 0.024 ug/L

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX018535.D

Acq: 23 Sep 2020 12:04

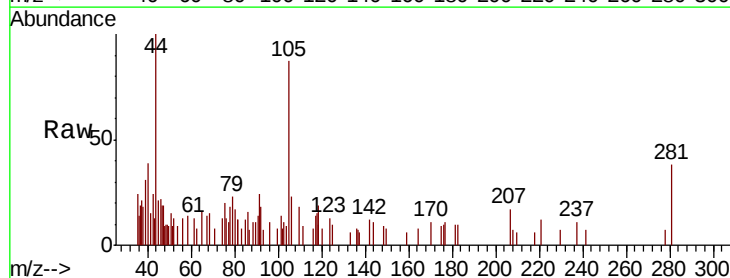
Tgt Ion: 105 Resp: 1201

Ion Ratio Lower Upper

105 100

120 0.0 21.8 32.8#

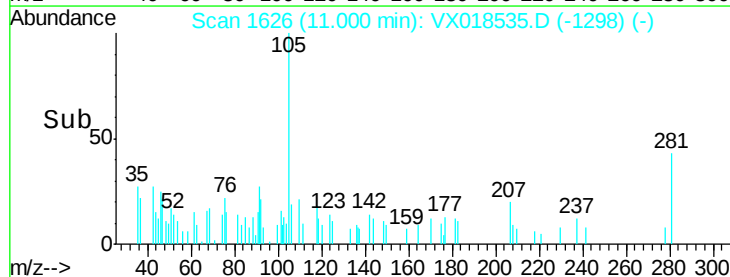
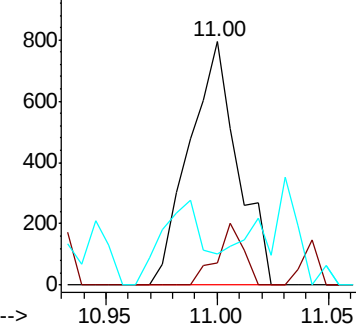
77 30.5 13.1 19.7#

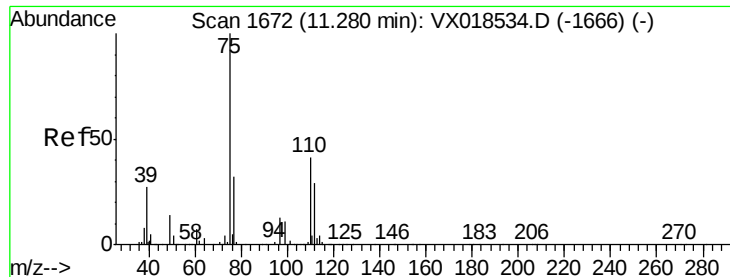


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Ion 77.00 (76.70 to 77.70): VX0





#61

1,2,3-Trichloropropane

Concen: 0.073 ug/L

RT: 11.27 min Scan# 1670

Delta R.T. -0.01 min

Lab File: VX018535.D

Acq: 23 Sep 2020 12:04

Instrument :

MSVOA_X

ClientSampled :

VBLK301

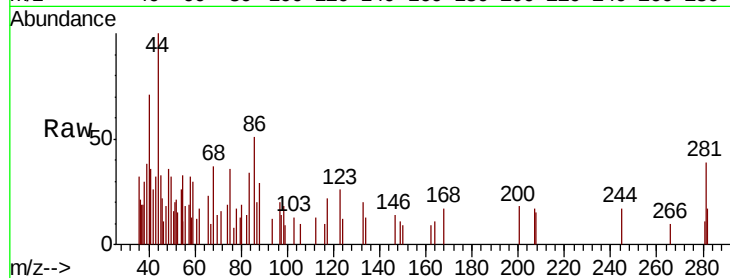
Tot Ion: 75 Resp: 541

Ion Ratio Lower Upper

75 100

77 53.0 27.1 40.7#

110 12.0 32.4 48.6#

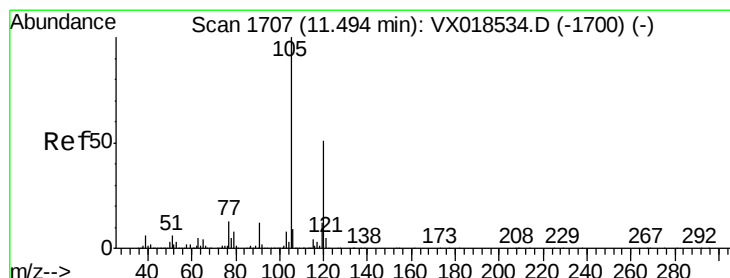
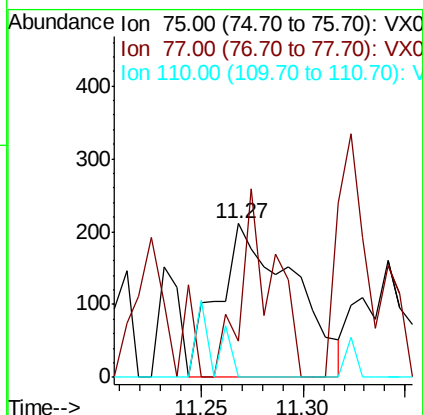
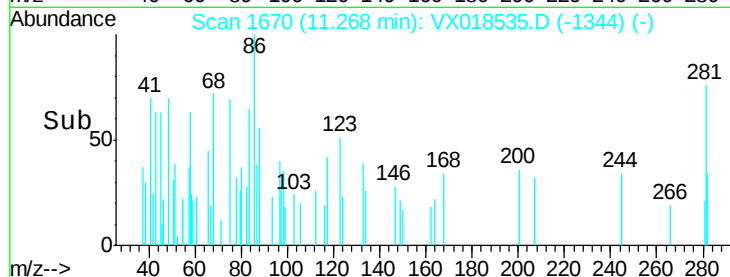


Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 110.00 (109.70 to 110.70): V

Time-->



#62

1,3,5-Trimethylbenzene

Concen: 0.022 ug/L

RT: 11.49 min Scan# 1706

Delta R.T. -0.01 min

Lab File: VX018535.D

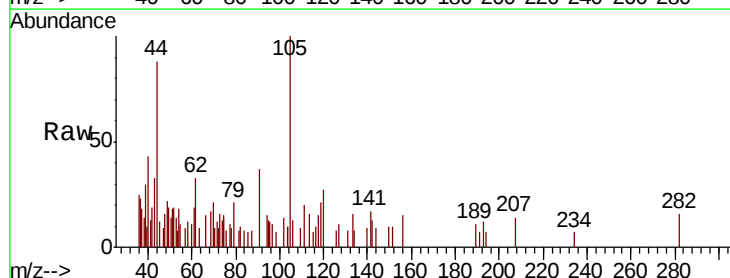
Acq: 23 Sep 2020 12:04

Tgt Ion:105 Resp: 887

Ion Ratio Lower Upper

105 100

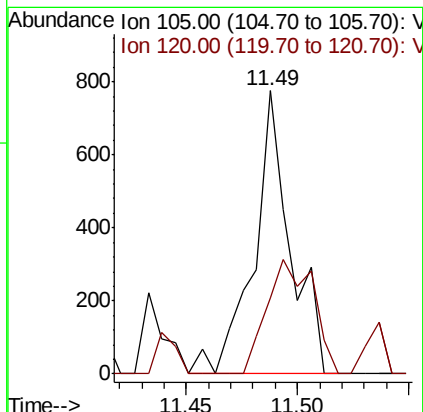
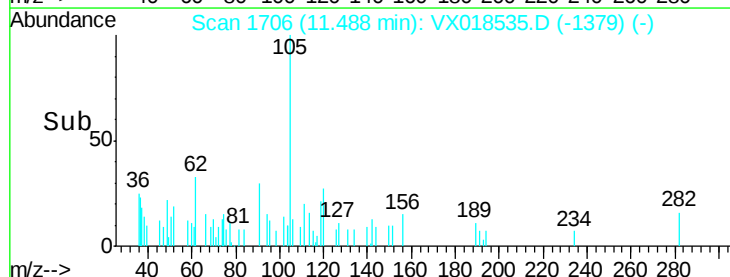
120 51.1 39.3 58.9

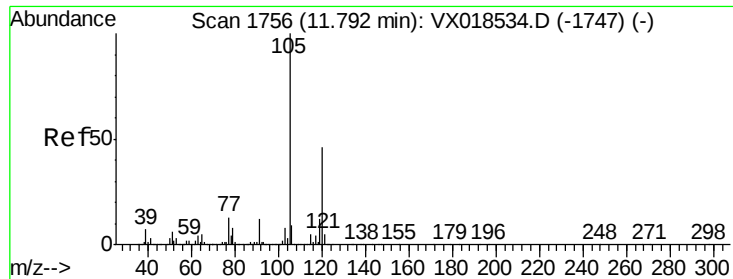


Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

Time-->





#63

1,2,4-Trimethylbenzene

Concen: 0.023 ug/L

RT: 11.79 min Scan# 1755

Delta R.T. -0.01 min

Lab File: VX018535.D

Acq: 23 Sep 2020 12:04

Instrument :

MSVOA_X

ClientSampleId :

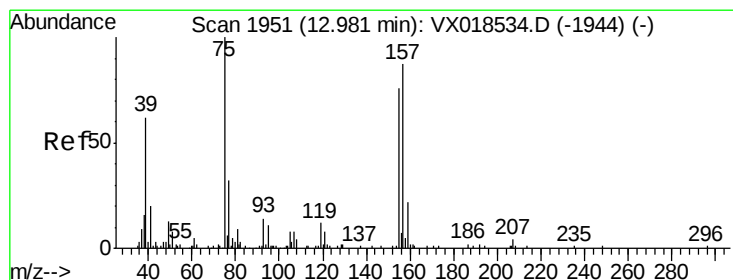
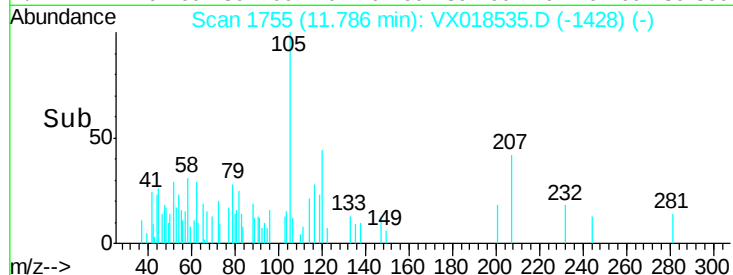
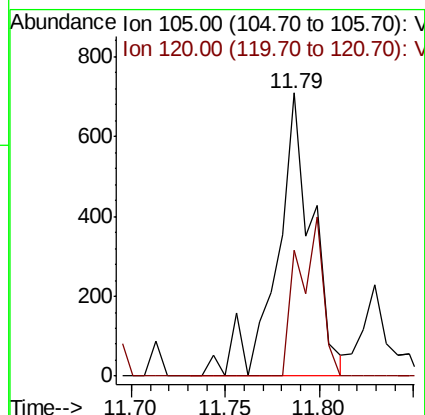
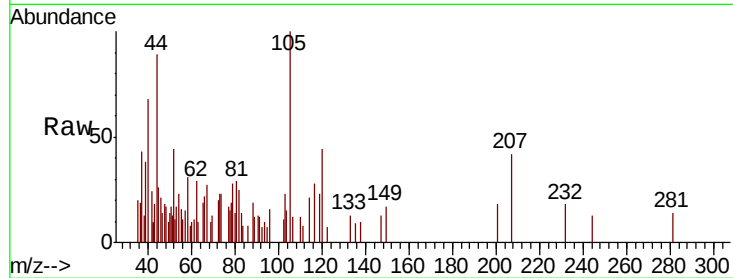
VBLK301

Tot Ion:105 Resp: 926

Ion Ratio Lower Upper

105 100

120 39.3 36.2 54.2



#68

1,2-Dibromo-3-chloropropane

Concen: 0.085 ug/L

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX018535.D

Acq: 23 Sep 2020 12:04

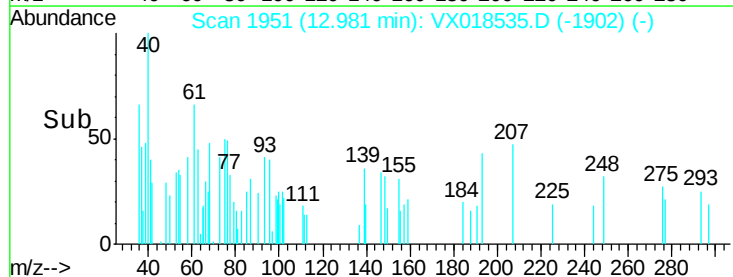
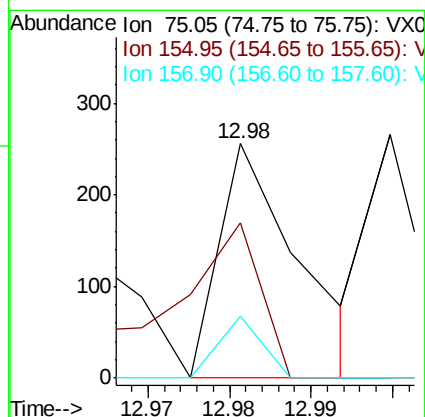
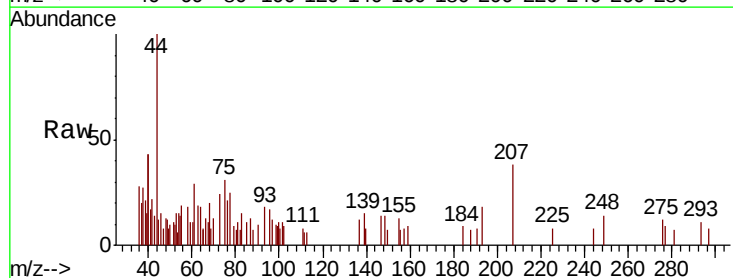
Tgt Ion: 75 Resp: 173

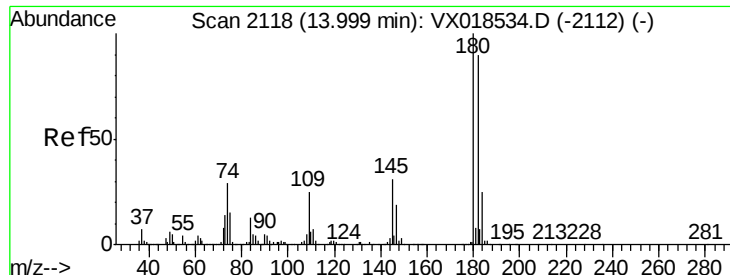
Ion Ratio Lower Upper

75 100

155 66.0 71.1 106.7#

157 26.2 83.5 125.3#





#72
 1,2,3-Trichlorobenzene
 Concen: 0.057 ug/L
 RT: 14.01 min Scan# 2119
 Delta R.T. 0.01 min
 Lab File: VX018535.D
 Acq: 23 Sep 2020 12:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VBLK301

Tot Ion	Ratio	Lower	Upper
180	100		
182	77.6	76.9	115.3
145	33.2	27.6	41.4

