

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100120\
 Data File : VX018735.D
 Acq On : 01 Oct 2020 20:53
 Operator : JC/SP
 Sample : L4171-13DL 25X
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BG3W0DL

Quant Time: Oct 02 09:43:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR092820WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 02 08:54:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	215230	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	208542	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	118918	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	69822	6.20	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	124.00%
7) Chloroethane-d5	1.70	69	53645	5.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	113.00%
11) 1,1-Dichloroethene-d2	2.34	63	119294	4.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.00%
20) 2-Butanone-d5	4.56	46	178252	62.07	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	124.14%
24) Chloroform-d	5.14	84	150502	5.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	112.80%
26) 1,2-Dichloroethane-d4	6.03	65	91651	5.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	117.80%
32) Benzene-d6	6.05	84	261676	5.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.80%
36) 1,2-Dichloropropane-d6	7.37	67	78281	5.34	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.80%
41) Toluene-d8	8.70	98	252044	5.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.20%
45) trans-1,3-Dichloropropene-	8.99	79	39975	6.12	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	122.40%
48) 2-Hexanone-d5	9.43	63	146026	62.51	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	125.02%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	62436	5.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	114.40%
65) 1,2-Dichlorobenzene-d4	12.36	152	107438	5.53	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.60%

Target Compounds

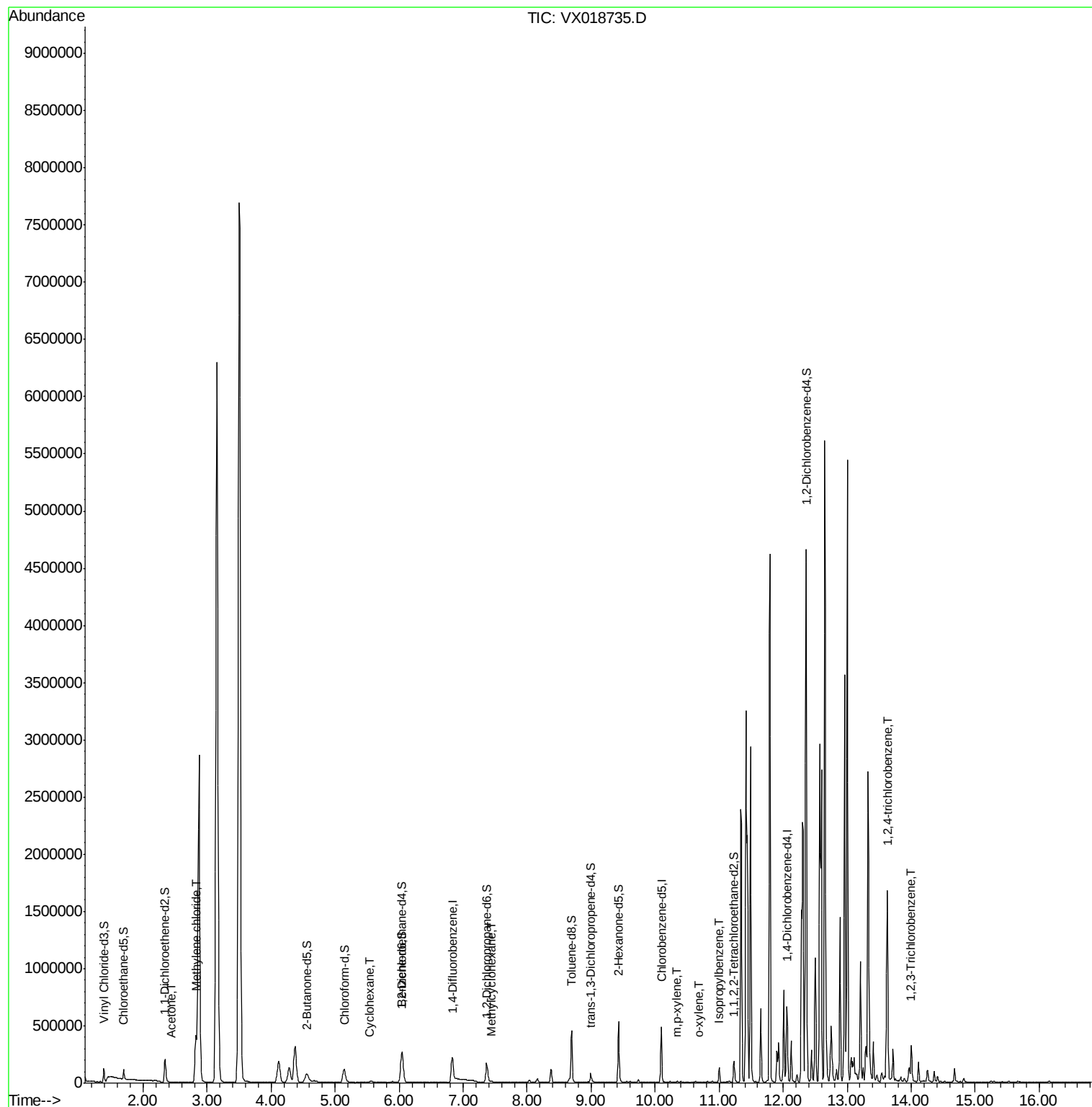
					Ovalue
13) Acetone	2.45	43	1479	0.930 ug/L	95
16) Methylene chloride	2.83	84	10543	0.734 ug/L #	13
30) Cyclohexane	5.55	56	7465	0.472 ug/L #	80
35) Methylcyclohexane	7.43	83	4204	0.260 ug/L	86
55) m,p-xylene	10.34	106	1799	0.099 ug/L	86
56) o-xylene	10.68	106	924	0.054 ug/L	75
58) Isopropylbenzene	11.00	105	61688	1.346 ug/L	98
69) 1,2,4-trichlorobenzene	13.63	180	299218	18.807 ug/L	95
71) 1,2,3-Trichlorobenzene	14.01	180	66666	4.637 ug/L	95

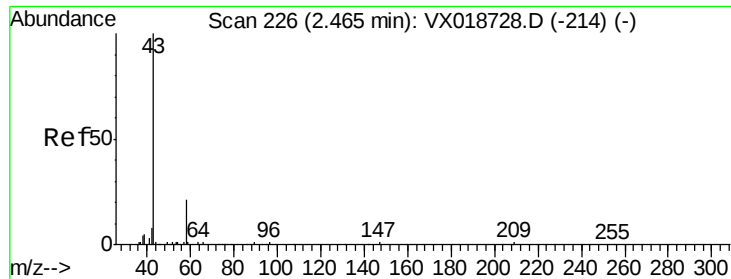
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 02 09:43:16 2020
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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 02 08:54:14 2020
Response via : Initial Calibration





#13

Acetone

Concen: 0.930 ug/L

RT: 2.45 min Scan# 224

Delta R.T. -0.01 min

Lab File: VX018735.D

Acq: 01 Oct 2020 20:53

Instrument :

MSVOA_X

ClientSampled :

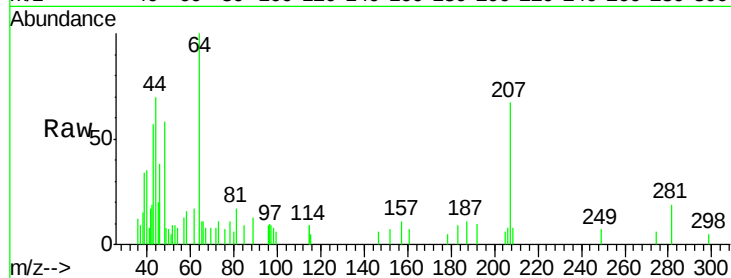
BG3W0DL

Tot Ion: 43 Resp: 1479

Ion Ratio Lower Upper

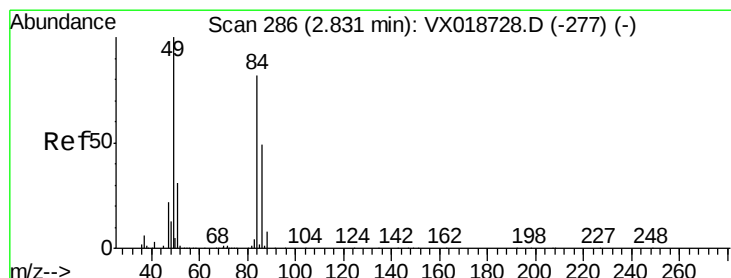
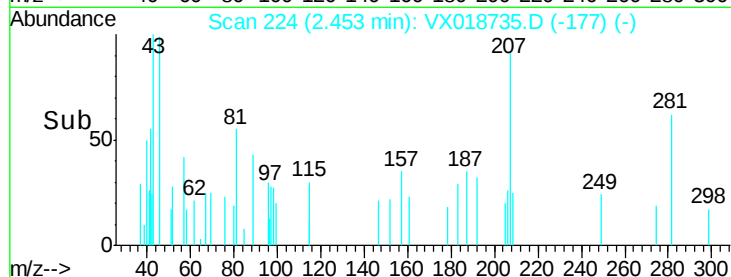
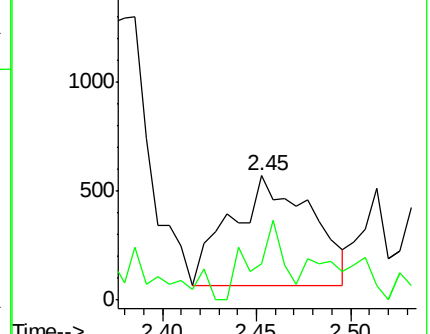
43 100

58 28.1 0.0 61.6



Abundance Ion 43.05 (42.75 to 43.75): VX0

Ion 58.05 (57.75 to 58.75): VX0



#16

Methylene chloride

Concen: 0.734 ug/L

RT: 2.83 min Scan# 286

Delta R.T. 0.00 min

Lab File: VX018735.D

Acq: 01 Oct 2020 20:53

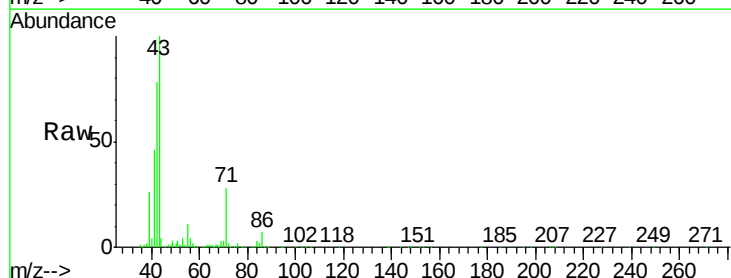
Tgt Ion: 84 Resp: 10543

Ion Ratio Lower Upper

84 100

86 223.5 41.9 77.7#

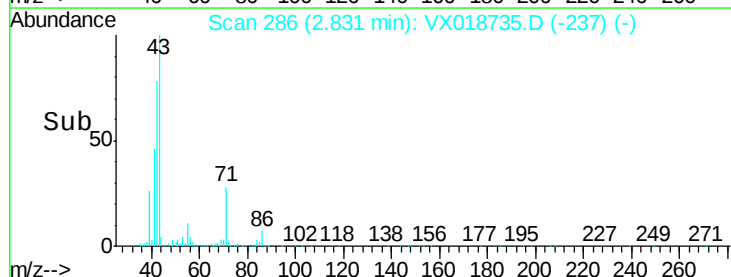
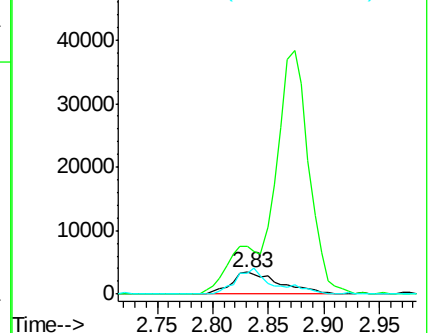
49 94.7 80.8 150.2

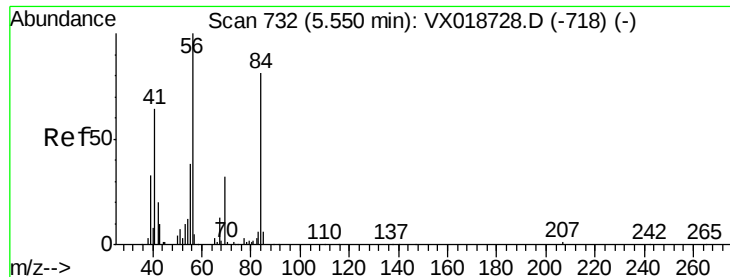


Abundance Ion 84.05 (83.75 to 84.75): VX0

Ion 86.00 (85.70 to 86.70): VX0

Ion 49.10 (48.80 to 49.80): VX0

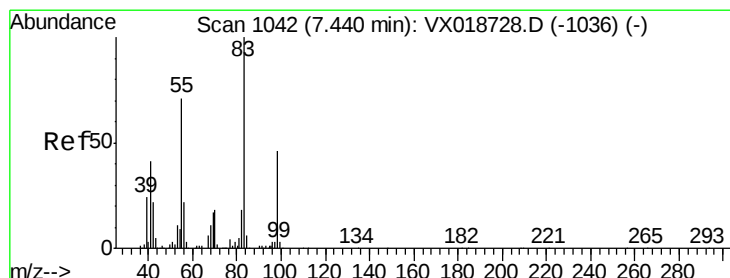
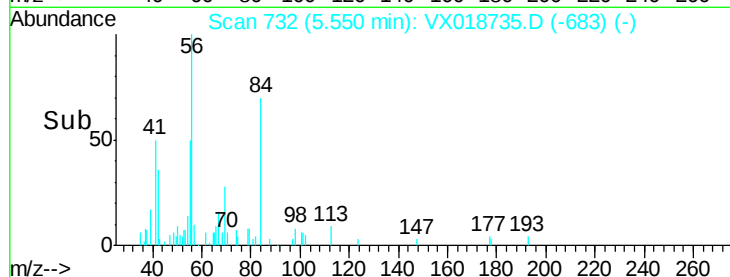
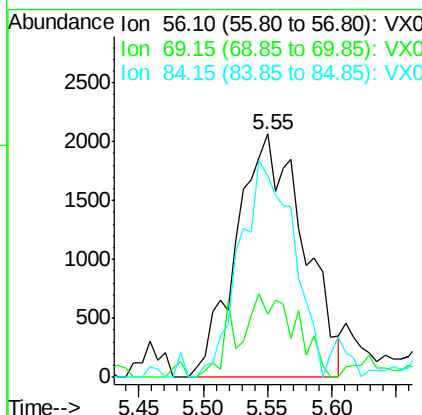
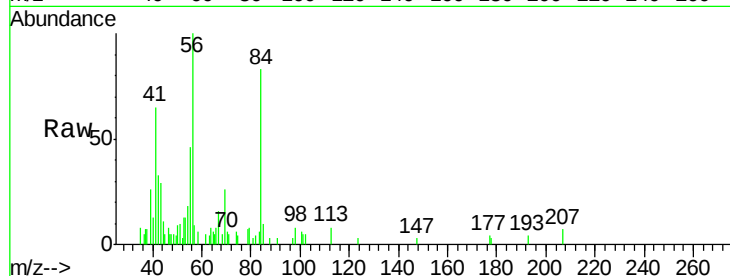




#30
Cyclohexane
Concen: 0.472 ug/L
RT: 5.55 min Scan# 732
Delta R.T. 0.00 min
Lab File: VX018735.D
Acq: 01 Oct 2020 20:53

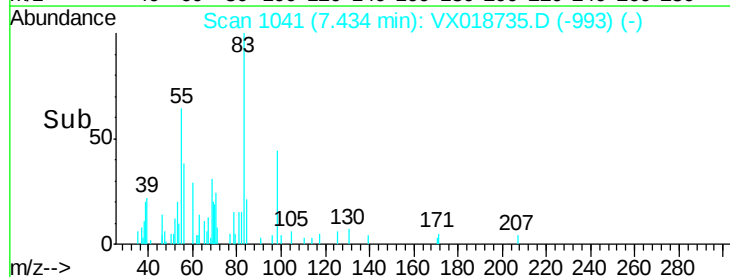
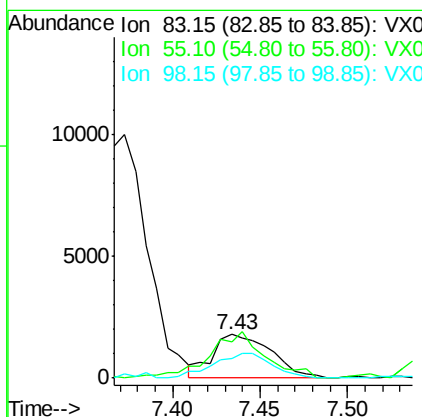
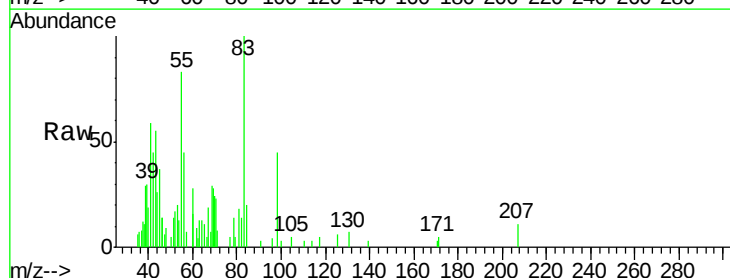
Instrument :
MSVOA_X
ClientSampled :
BG3W0DL

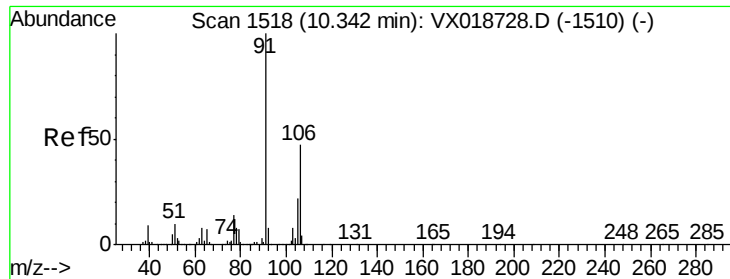
Tot Ion: 56 Resp: 7465
Ion Ratio Lower Upper
56 100
69 24.0 26.4 39.6#
84 71.2 72.7 109.1#



#35
Methylcyclohexane
Concen: 0.260 ug/L
RT: 7.43 min Scan# 1041
Delta R.T. -0.01 min
Lab File: VX018735.D
Acq: 01 Oct 2020 20:53

Tgt Ion: 83 Resp: 4204
Ion Ratio Lower Upper
83 100
55 100.6 67.4 101.0
98 56.6 41.1 61.7





#55

m,p-xylene

Concen: 0.099 ug/L

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX018735.D

Acq: 01 Oct 2020 20:53

Instrument :

MSVOA_X

ClientSampleId :

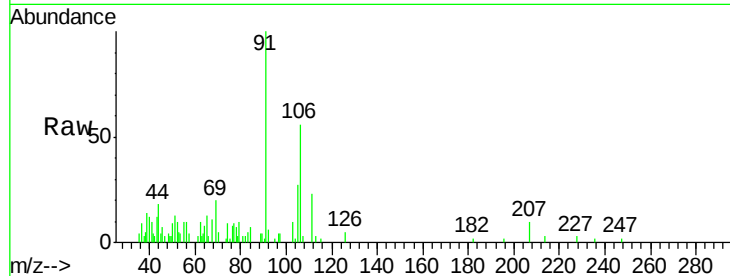
BG3W0DL

Tot Ion:106 Resp: 1799

Ion Ratio Lower Upper

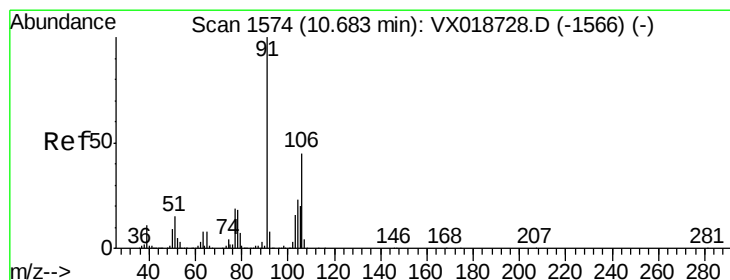
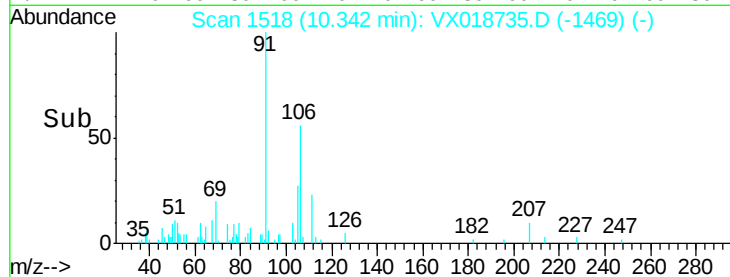
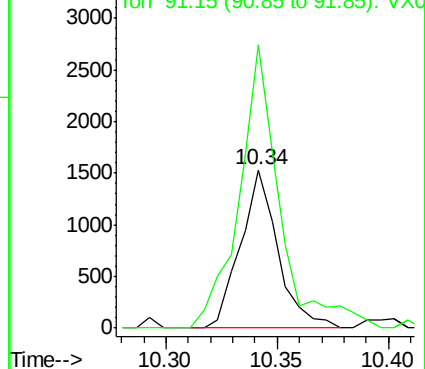
106 100

91 179.2 140.3 260.6



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VX0



#56

o-xylene

Concen: 0.054 ug/L

RT: 10.68 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VX018735.D

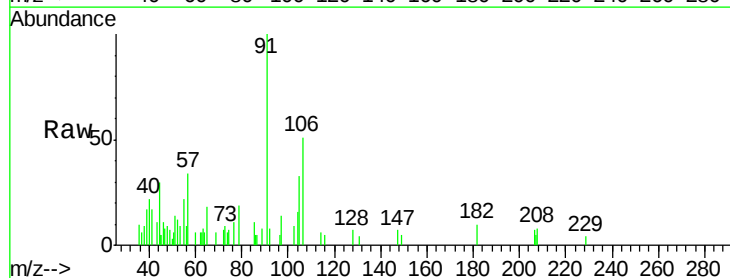
Acq: 01 Oct 2020 20:53

Tgt Ion:106 Resp: 924

Ion Ratio Lower Upper

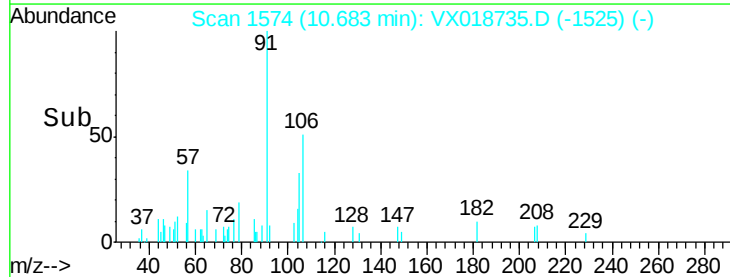
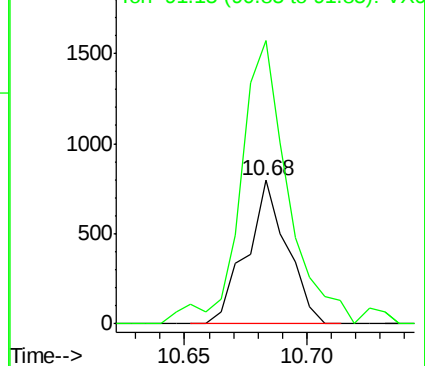
106 100

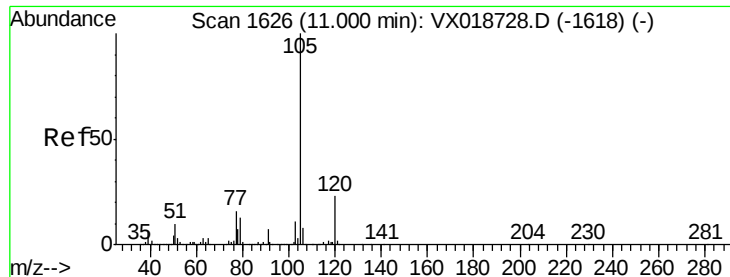
91 197.2 167.5 311.1



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VX0





#58

Isopropylbenzene

Concen: 1.346 ug/L

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX018735.D

Acq: 01 Oct 2020 20:53

Instrument :

MSVOA_X

ClientSampleId :

BG3W0DL

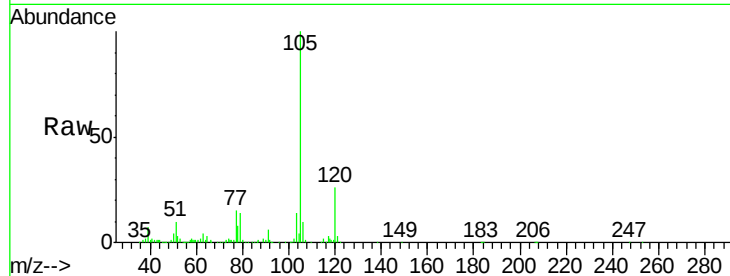
Tot Ion:105 Resp: 61688

Ion Ratio Lower Upper

105 100

120 25.3 21.2 31.8

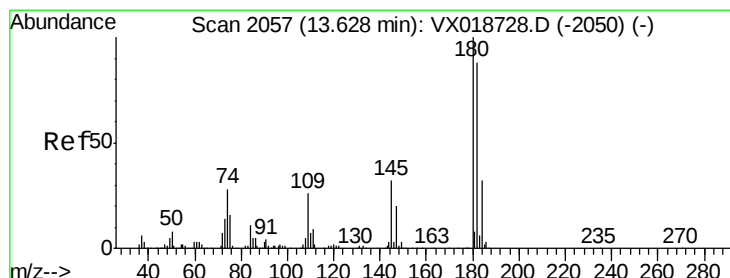
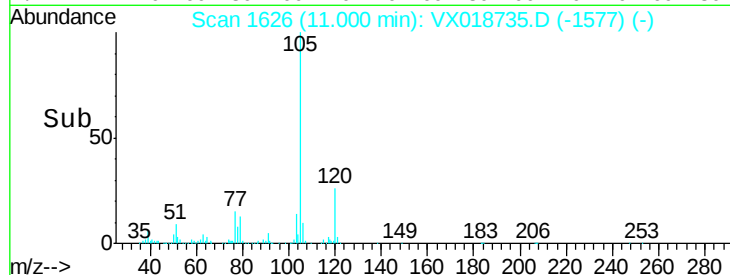
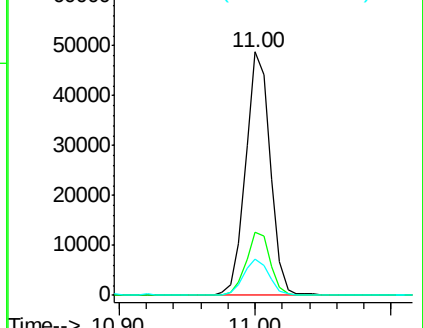
77 15.5 13.3 19.9



Abundance Ion 105.05 (104.75 to 105.75): V

Ion 120.10 (119.80 to 120.80): V

Ion 77.10 (76.80 to 77.80): V



#69

1,2,4-trichlorobenzene

Concen: 18.807 ug/L

RT: 13.63 min Scan# 2057

Delta R.T. 0.00 min

Lab File: VX018735.D

Acq: 01 Oct 2020 20:53

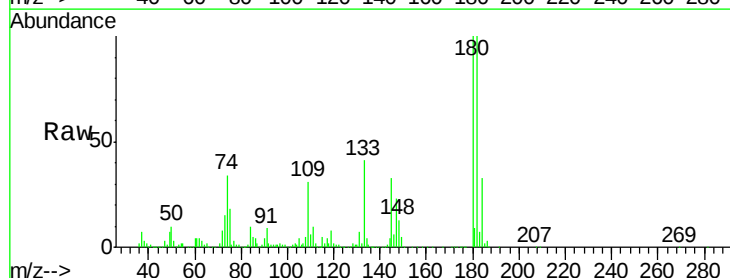
Tgt Ion:180 Resp: 299218

Ion Ratio Lower Upper

180 100

182 98.7 74.6 112.0

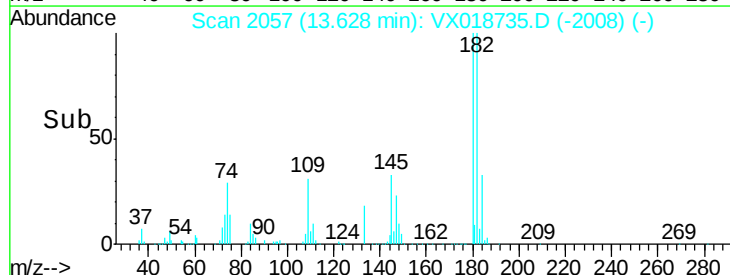
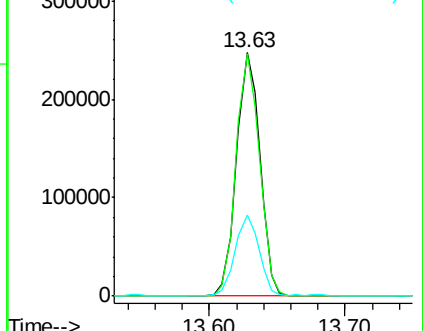
145 33.6 25.0 37.6

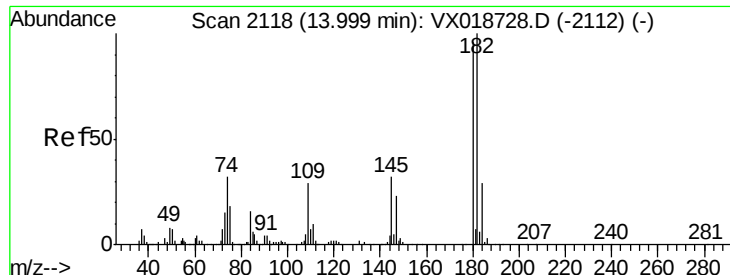


Abundance Ion 179.90 (179.60 to 180.60): V

Ion 182.00 (181.70 to 182.70): V

Ion 144.95 (144.65 to 145.65): V





#71

1,2,3-Trichlorobenzene

Concen: 4.637 ug/L

RT: 14.01 min Scan# 2119

Delta R.T. 0.01 min

Lab File: VX018735.D

Acq: 01 Oct 2020 20:53

Instrument :

MSVOA_X

ClientSampleId :

BG3W0DL

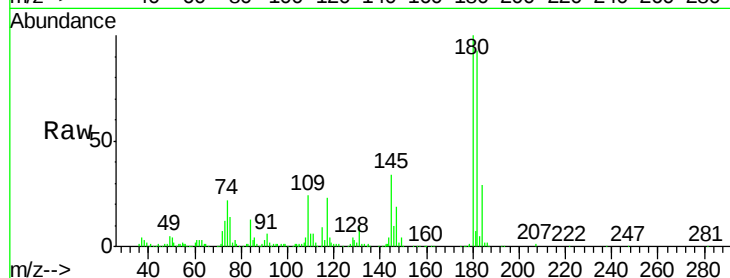
Tot Ion:180 Resp: 66666

Ion Ratio Lower Upper

180 100

182 102.9 77.7 116.5

145 37.0 28.6 42.8



Abundance Ion 179.90 (179.60 to 180.60): V
Ion 181.90 (181.60 to 182.60): V
Ion 144.95 (144.65 to 145.65): V

