

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100220\
 Data File : VX018752.D
 Acq On : 02 Oct 2020 17:04
 Operator : JC/SP
 Sample : L4171-13DL 10X
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BG3W0DL

Quant Time: Oct 03 06:52:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 02 14:11:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.84	114	191033	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	183017	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	102893	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	52397	4.69	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.80%
7) Chloroethane-d5	1.70	69	43281	4.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.20%
11) 1,1-Dichloroethene-d2	2.34	63	100339	3.99	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.80%
20) 2-Butanone-d5	4.56	46	155497	53.12	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.24%
24) Chloroform-d	5.14	84	131468	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
26) 1,2-Dichloroethane-d4	6.03	65	81420	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.80%
32) Benzene-d6	6.05	84	230857	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.60%
36) 1,2-Dichloropropane-d6	7.37	67	67206	5.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.20%
41) Toluene-d8	8.70	98	222210	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.20%
45) trans-1,3-Dichloropropene-	8.99	79	34454	4.87	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.40%
48) 2-Hexanone-d5	9.43	63	127783	53.90	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.80%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	52338	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.80%
65) 1,2-Dichlorobenzene-d4	12.36	152	96500	5.08	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.60%

Target Compounds

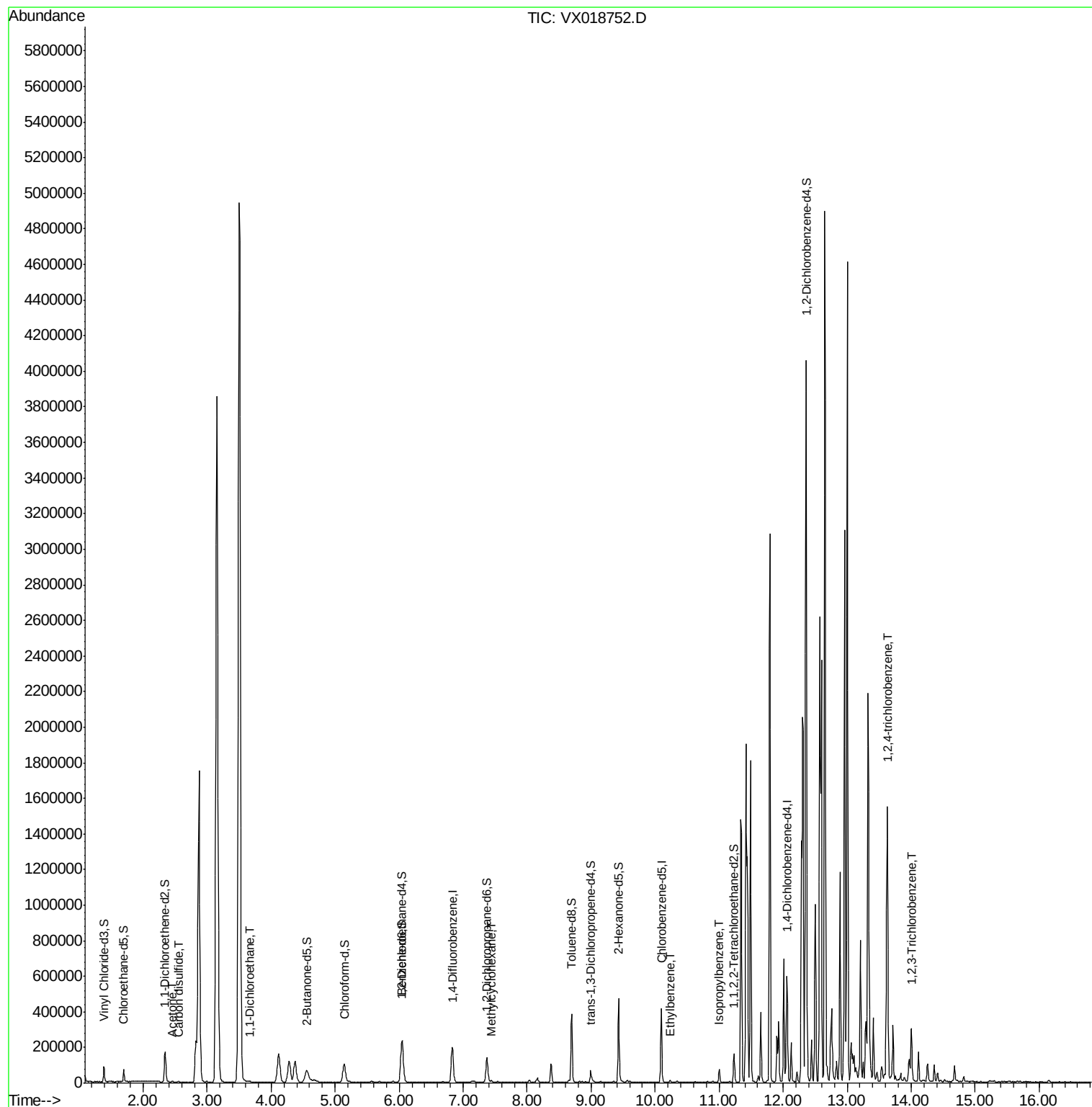
					Ovalue
13) Acetone	2.45	43	3224	2.017	ug/L 98
14) Carbon disulfide	2.55	76	6015	0.202	ug/L 99
19) 1,1-Dichloroethane	3.67	63	1936	0.107	ug/L # 82
35) Methylcyclohexane	7.44	83	3098	0.193	ug/L # 66
54) Ethylbenzene	10.24	91	5231	0.111	ug/L 89
58) Isopropylbenzene	11.00	105	37238	0.785	ug/L 99
69) 1,2,4-trichlorobenzene	13.63	180	276767	17.318	ug/L 99
71) 1,2,3-Trichlorobenzene	14.00	180	61930	4.307	ug/L # 90

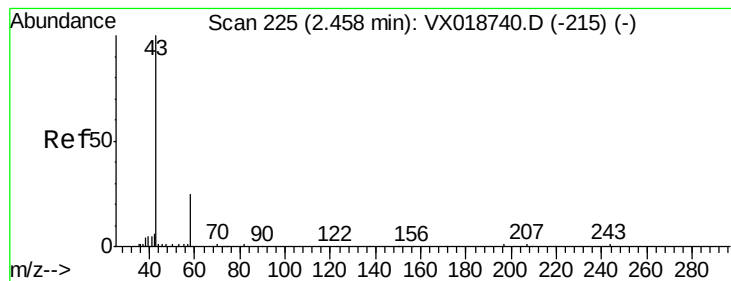
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 2.017 ug/L

RT: 2.45 min Scan# 224

Delta R.T. -0.01 min

Lab File: VX018752.D

Acq: 02 Oct 2020 17:04

Instrument :

MSVOA_X

ClientSampleId :

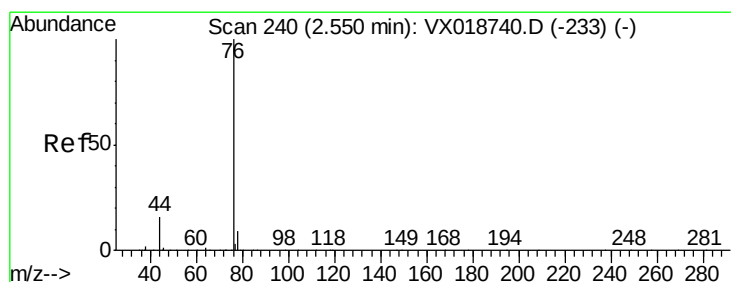
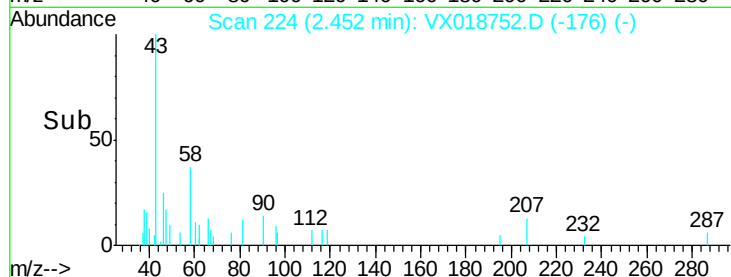
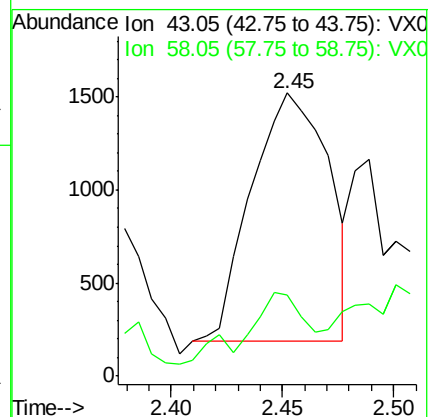
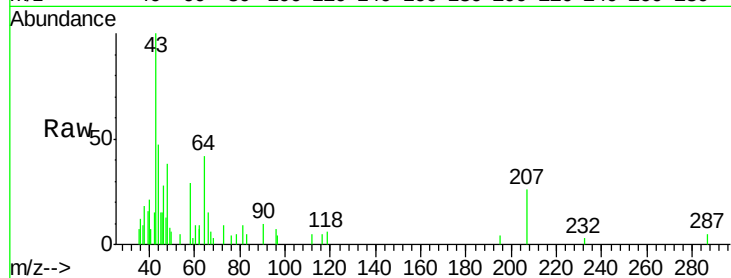
BG3W0DL

Tot Ion: 43 Resp: 3224

Ion Ratio Lower Upper

43 100

58 29.2 0.0 56.4



#14

Carbon disulfide

Concen: 0.202 ug/L

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX018752.D

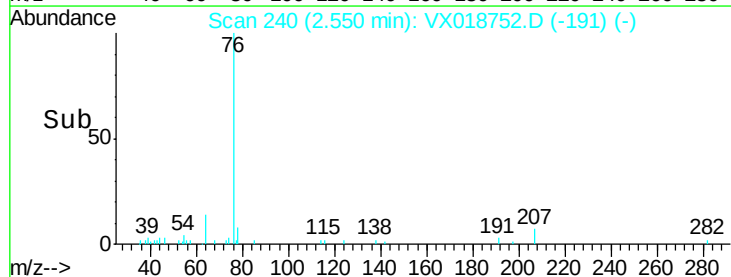
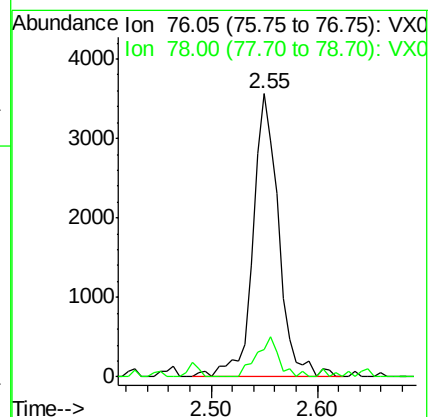
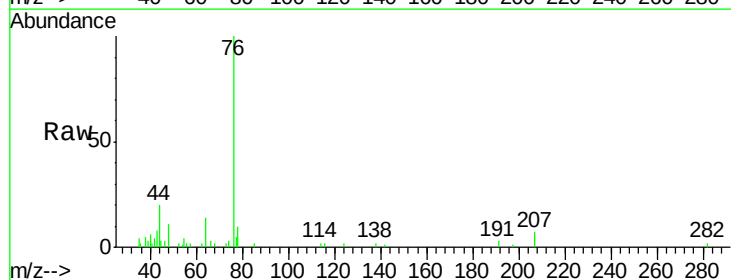
Acq: 02 Oct 2020 17:04

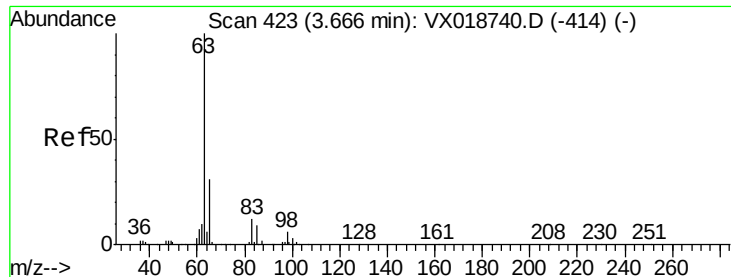
Tgt Ion: 76 Resp: 6015

Ion Ratio Lower Upper

76 100

78 9.8 7.4 11.2

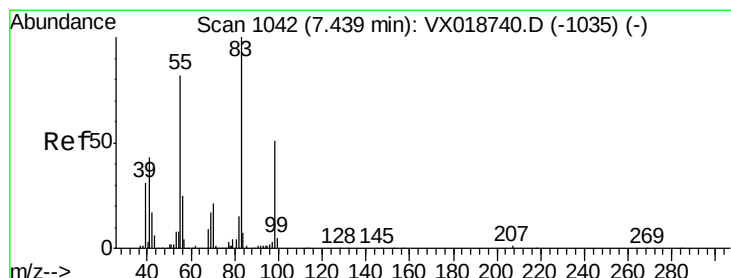
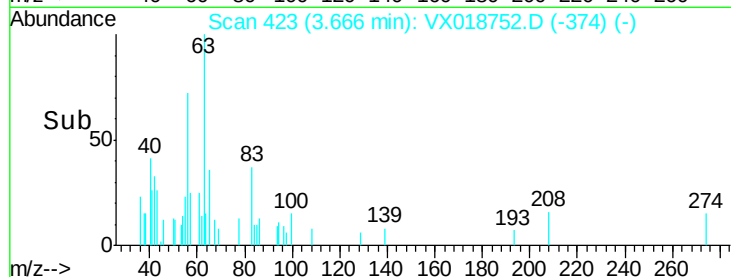
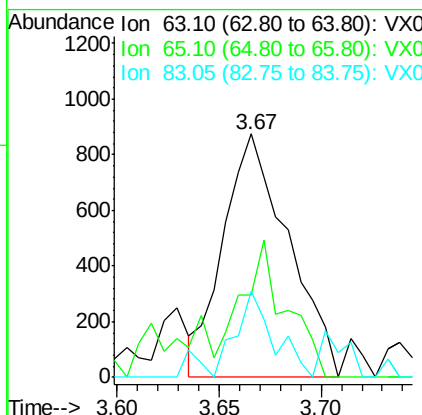
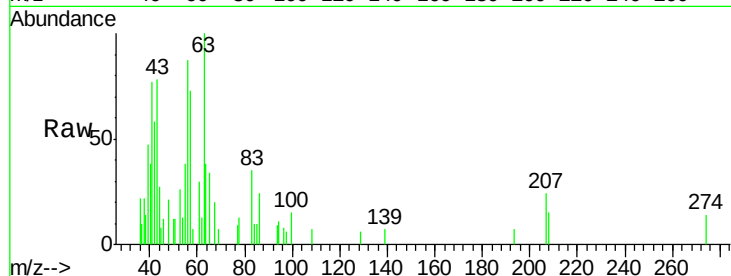




#19
 1,1-Dichloroethane
 Concen: 0.107 ug/L
 RT: 3.67 min Scan# 423
 Delta R.T. 0.00 min
 Lab File: VX018752.D
 Acq: 02 Oct 2020 17:04

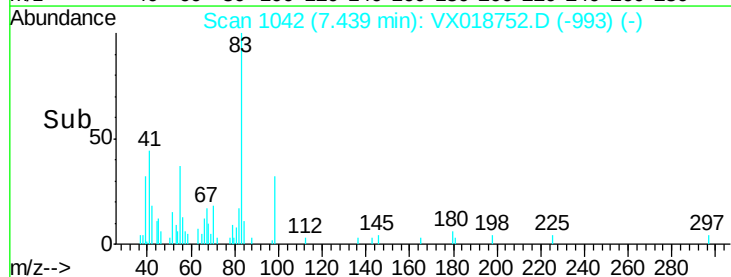
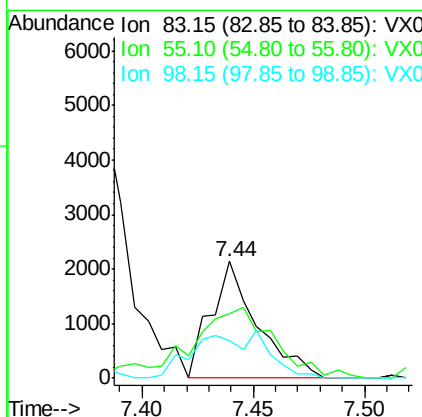
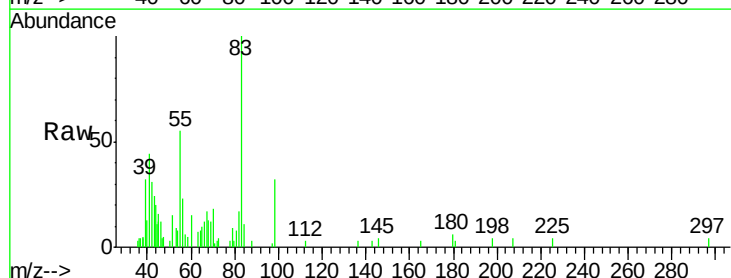
Instrument :
 MSVOA_X
 ClientSampled :
 BG3W0DL

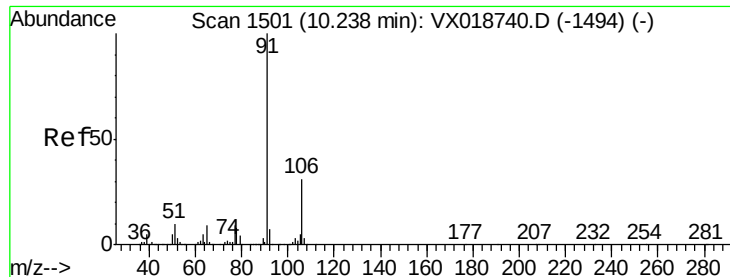
Tot Ion: 63 Resp: 1936
 Ion Ratio Lower Upper
 63 100
 65 24.7 21.6 40.2
 83 25.5 8.7 16.1#



#35
 Methylcyclohexane
 Concen: 0.193 ug/L
 RT: 7.44 min Scan# 1042
 Delta R.T. 0.00 min
 Lab File: VX018752.D
 Acq: 02 Oct 2020 17:04

Tgt Ion: 83 Resp: 3098
 Ion Ratio Lower Upper
 83 100
 55 113.4 60.3 90.5#
 98 61.9 39.4 59.0#





#54

Ethylbenzene

Concen: 0.111 ug/L

RT: 10.24 min Scan# 1501

Delta R.T. 0.00 min

Lab File: VX018752.D

Acq: 02 Oct 2020 17:04

Instrument :

MSVOA_X

ClientSampleId :

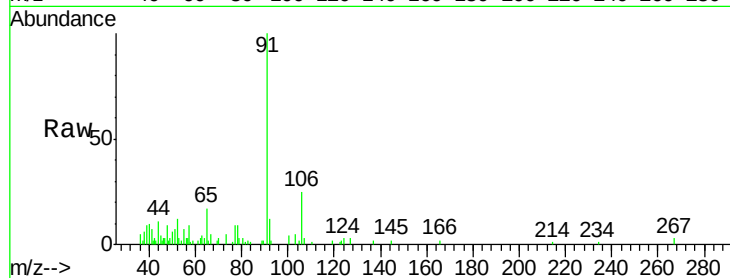
BG3W0DL

Tot Ion: 91 Resp: 5231

Ion Ratio Lower Upper

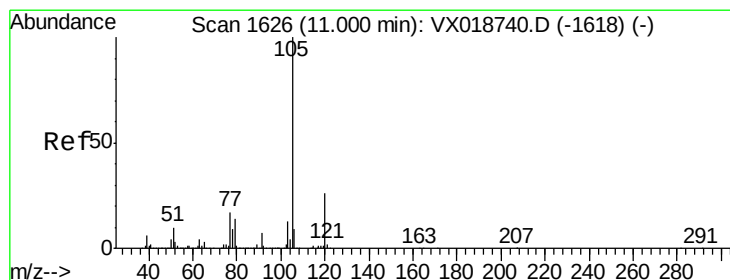
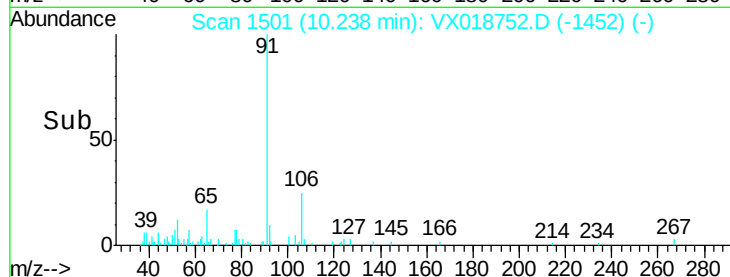
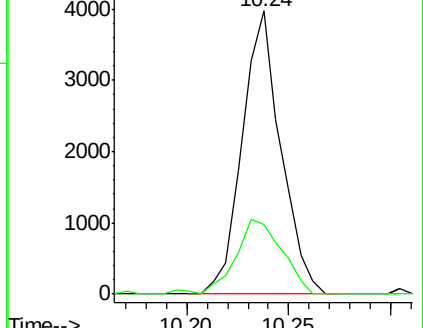
91 100

106 24.5 21.5 39.9



Abundance Ion 91.15 (90.85 to 91.85): VX018740.D (-1494) (-)

Ion 106.15 (105.85 to 106.85): VX018740.D (-1494) (-)



#58

Isopropylbenzene

Concen: 0.785 ug/L

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX018752.D

Acq: 02 Oct 2020 17:04

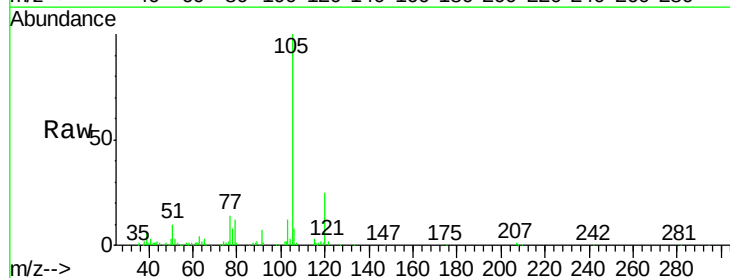
Tgt Ion: 105 Resp: 37238

Ion Ratio Lower Upper

105 100

120 26.0 20.2 30.2

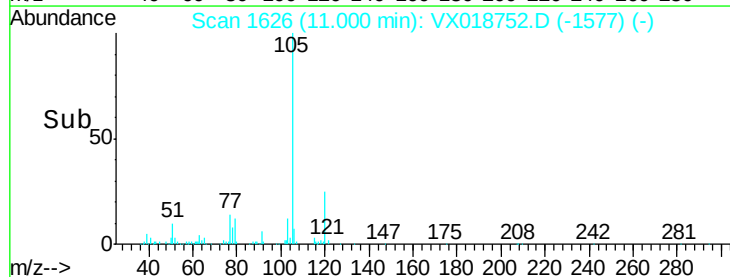
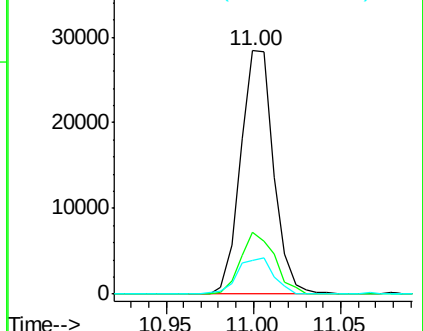
77 16.3 13.3 19.9

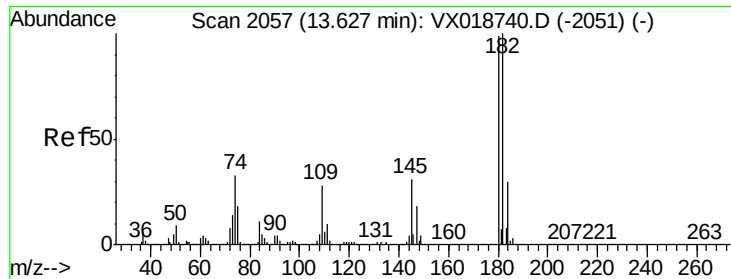


Abundance Ion 105.05 (104.75 to 105.75): VX018740.D (-1618) (-)

Ion 120.10 (119.80 to 120.80): VX018740.D (-1618) (-)

Ion 77.10 (76.80 to 77.80): VX018740.D (-1618) (-)





#69

1,2,4-trichlorobenzene

Concen: 17.318 ug/L

RT: 13.63 min Scan# 2057

Delta R.T. 0.00 min

Lab File: VX018752.D

Acq: 02 Oct 2020 17:04

Instrument :

MSVOA_X

ClientSampleId :

BG3W0DL

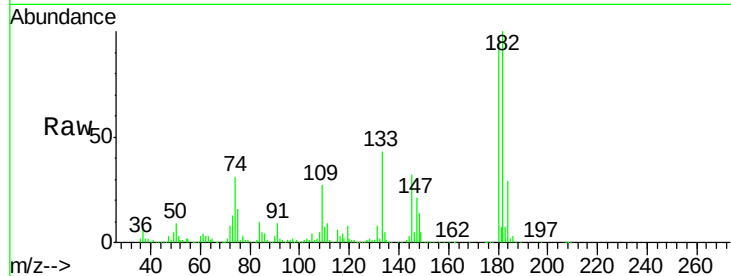
Tot Ion:180 Resp: 276767

Ion Ratio Lower Upper

180 100

182 100.7 80.2 120.4

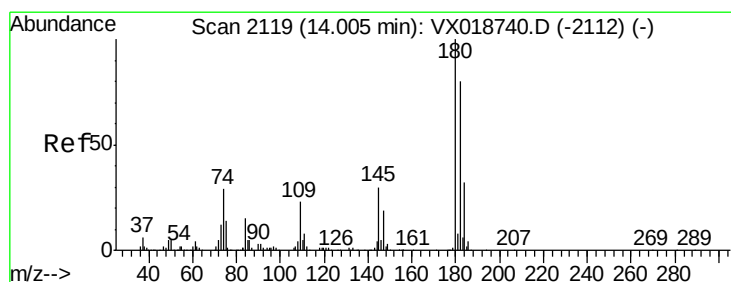
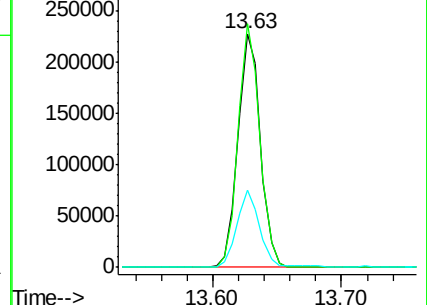
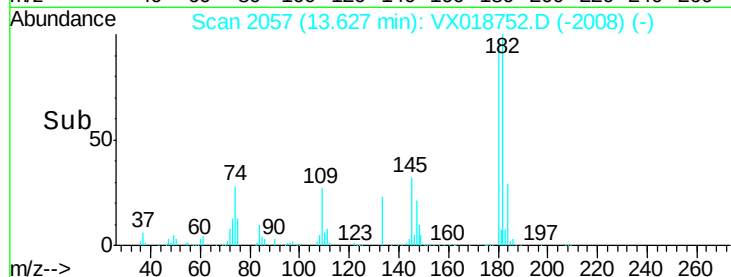
145 34.2 25.2 37.8



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: 4.307 ug/L

RT: 14.00 min Scan# 2118

Delta R.T. -0.01 min

Lab File: VX018752.D

Acq: 02 Oct 2020 17:04

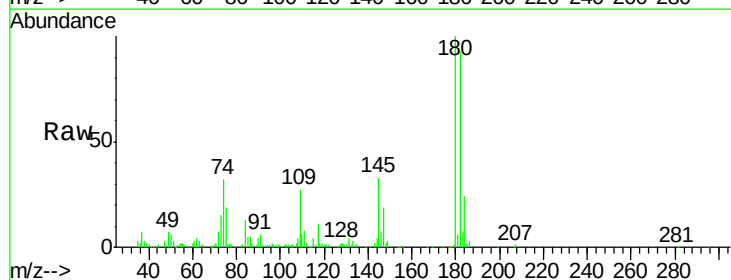
Tgt Ion:180 Resp: 61930

Ion Ratio Lower Upper

180 100

182 100.8 73.6 110.4

145 40.7 26.6 40.0#



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

