

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100620\
 Data File : VX018804.D
 Acq On : 06 Oct 2020 17:14
 Operator : JC/SP
 Sample : L4239-01DL2 80X
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BG3M9DL2

Quant Time: Oct 07 03:22:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Oct 07 01:30:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	117080	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	113356	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	56054	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	30342	4.43	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.60%
7) Chloroethane-d5	1.70	69	28930	5.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.20%
11) 1,1-Dichloroethene-d2	2.34	63	57337	3.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.40%
20) 2-Butanone-d5	4.57	46	121032	67.47	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	134.94%#
24) Chloroform-d	5.13	84	83934	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.40%
26) 1,2-Dichloroethane-d4	6.03	65	51379	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.80%
32) Benzene-d6	6.04	84	151932	5.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.80%
36) 1,2-Dichloropropane-d6	7.37	67	45921	5.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	112.80%
41) Toluene-d8	8.70	98	132403	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.40%
45) trans-1,3-Dichloropropene-	8.99	79	21931	5.00	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.00%
48) 2-Hexanone-d5	9.43	63	96561	65.76	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	131.52%#
59) 1,1,2,2-Tetrachloroethane-	11.23	84	38706	5.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	116.80%
65) 1,2-Dichlorobenzene-d4	12.36	152	59446	5.75	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	115.00%

Target Compounds

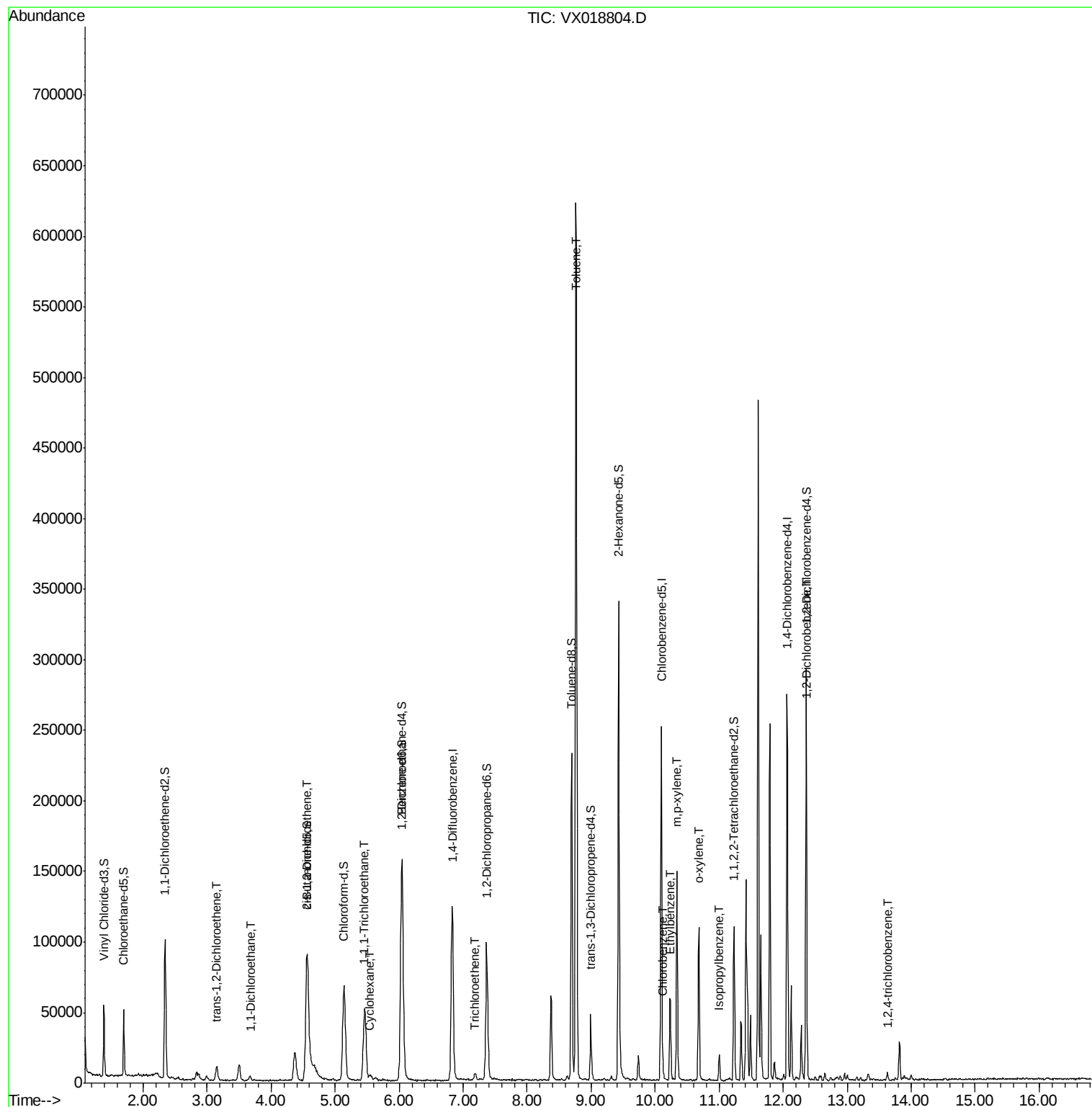
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
18) trans-1,2-Dichloroethene	3.15	96	652	0.104	ug/L	83
19) 1,1-Dichloroethane	3.67	63	3103	0.280	ug/L	93
22) cis-1,2-Dichloroethene	4.57	96	31852	4.946	ug/L	98
29) 1,1,1-Trichloroethane	5.46	97	51004	3.803	ug/L	99
30) Cyclohexane	5.55	56	2217	0.238	ug/L	87
34) Trichloroethene	7.18	95	939	0.134	ug/L	91
42) Toluene	8.76	91	392142	15.097	ug/L	96
53) Chlorobenzene	10.12	112	2366	0.133	ug/L	92
54) Ethylbenzene	10.23	91	33049	1.135	ug/L	93
55) m,p-xylene	10.34	106	33449	2.945	ug/L	98
56) o-xylene	10.68	106	22045	2.100	ug/L	97
58) Isopropylbenzene	11.01	105	8772	0.299	ug/L	94
66) 1,2-Dichlorobenzene	12.37	146	2008	0.158	ug/L #	67
69) 1,2,4-trichlorobenzene	13.63	180	1224	0.141	ug/L #	79

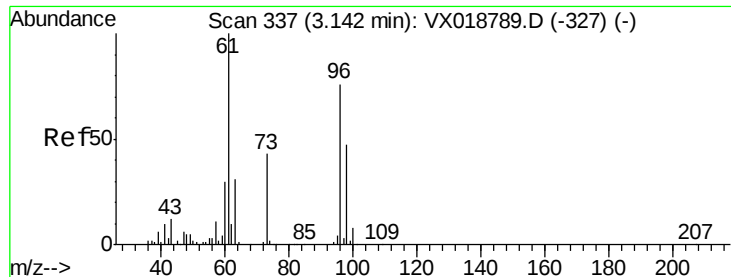
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX100620\
Data File : VX018804.D
Acq On : 06 Oct 2020 17:14
Operator : JC/SP
Sample : L4239-01DL2 80X
Misc : 25.0mL/MSVOA X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BG3M9DL2

Quant Time: Oct 07 03:22:01 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR100220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 07 01:30:09 2020
Response via : Initial Calibration





#18

trans-1,2-Dichloroethene

Concen: 0.104 ug/L

RT: 3.15 min Scan# 338

Delta R.T. 0.01 min

Lab File: VX018804.D

Acq: 06 Oct 2020 17:14

Instrument :

MSVOA_X

ClientSampled :

BG3M9DL2

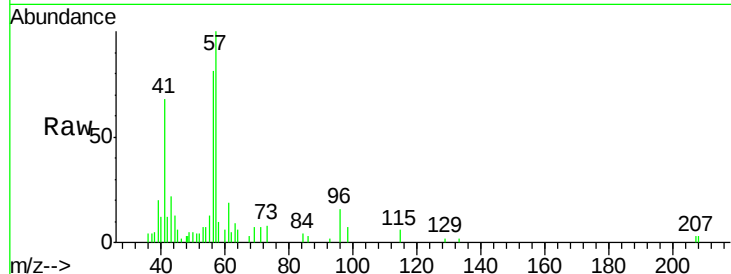
Tot Ion: 96 Resp: 652

Ion Ratio Lower Upper

96 100

61 121.4 97.6 181.4

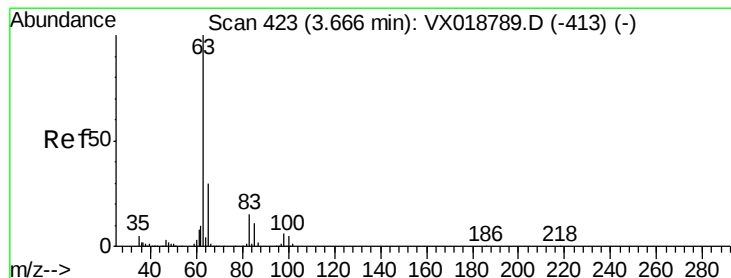
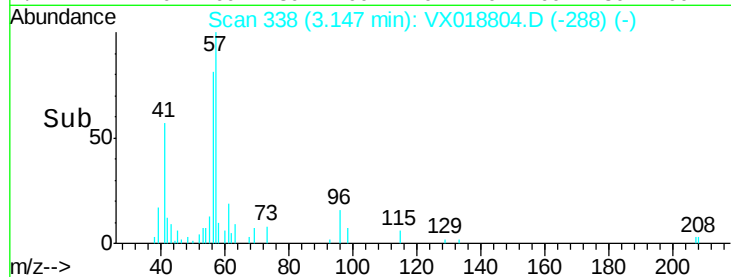
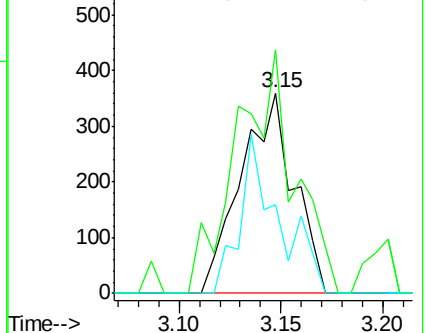
98 44.2 43.1 80.1



Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.05 (60.75 to 61.75): VX0

Ion 97.95 (97.65 to 98.65): VX0



#19

1,1-Dichloroethane

Concen: 0.280 ug/L

RT: 3.67 min Scan# 424

Delta R.T. 0.01 min

Lab File: VX018804.D

Acq: 06 Oct 2020 17:14

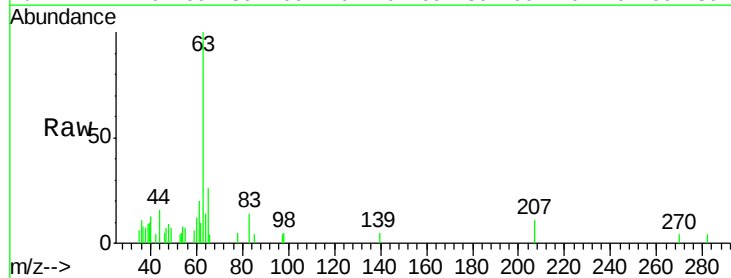
Tgt Ion: 63 Resp: 3103

Ion Ratio Lower Upper

63 100

65 26.0 21.6 40.2

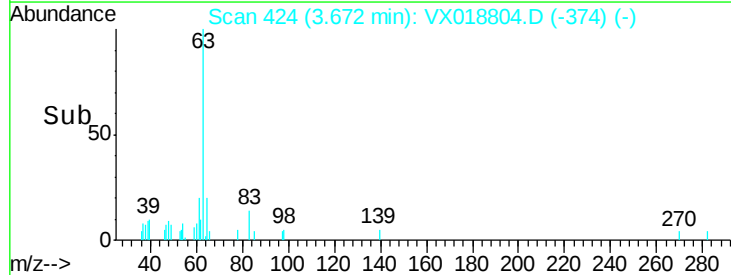
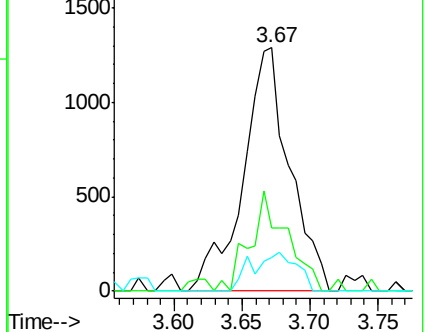
83 13.9 8.7 16.1

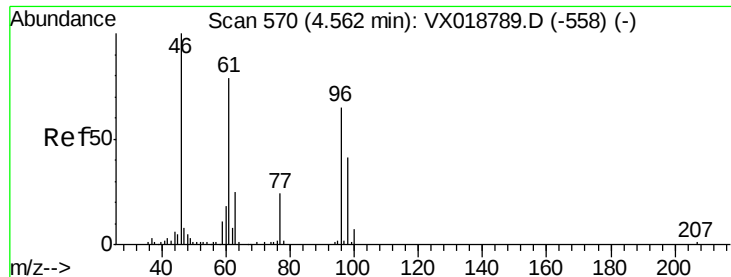


Abundance Ion 63.10 (62.80 to 63.80): VX0

Ion 65.10 (64.80 to 65.80): VX0

Ion 83.05 (82.75 to 83.75): VX0



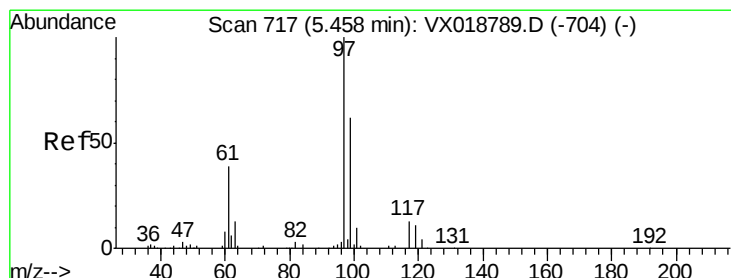
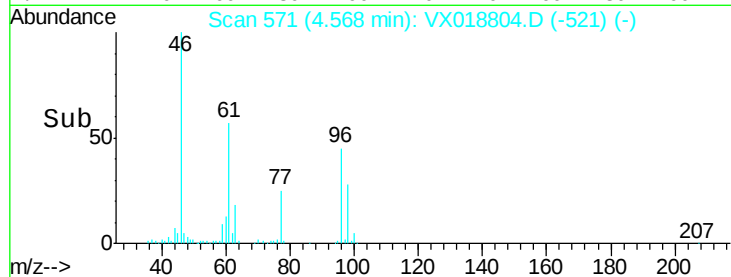
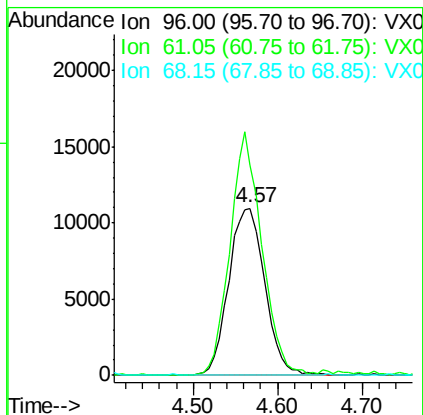
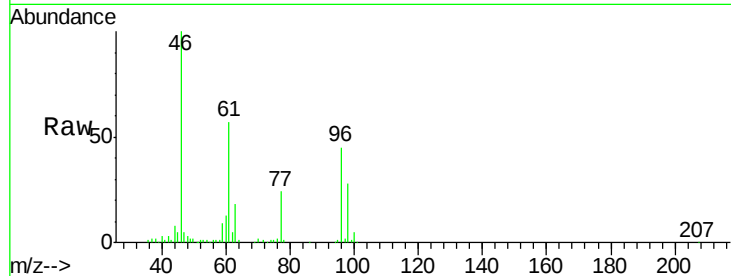


#22

cis-1,2-Dichloroethene
Concen: 4.946 ug/L
RT: 4.57 min Scan# 571
Delta R.T. 0.01 min
Lab File: VX018804.D
Acq: 06 Oct 2020 17:14

Instrument :
MSVOA_X
ClientSampled :
BG3M9DL2

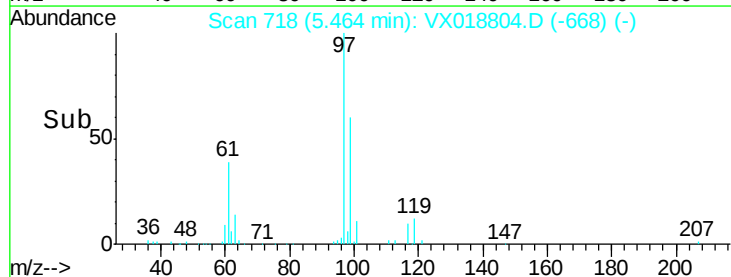
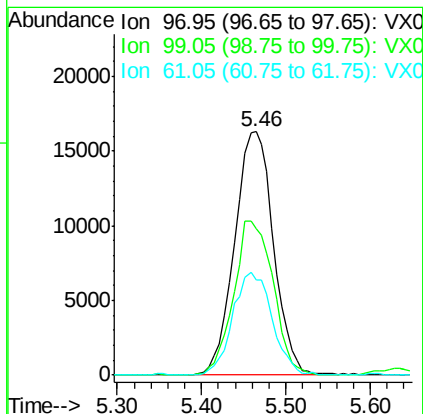
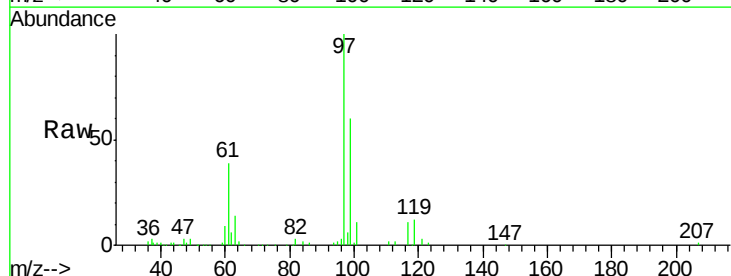
Tot Ion: 96 Resp: 31852
Ion Ratio Lower Upper
96 100
61 125.4 86.2 160.0
68 0.6 0.3 0.7

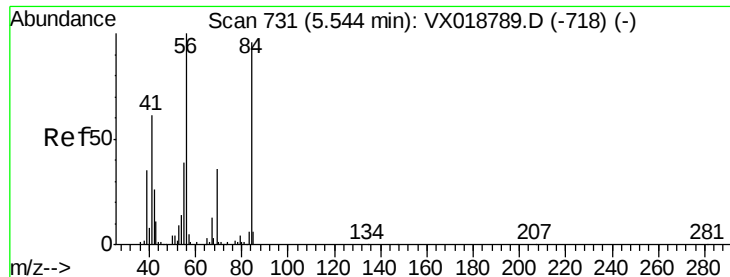


#29

1,1,1-Trichloroethane
Concen: 3.803 ug/L
RT: 5.46 min Scan# 718
Delta R.T. 0.01 min
Lab File: VX018804.D
Acq: 06 Oct 2020 17:14

Tgt Ion: 97 Resp: 51004
Ion Ratio Lower Upper
97 100
99 64.2 51.3 76.9
61 42.8 33.3 49.9

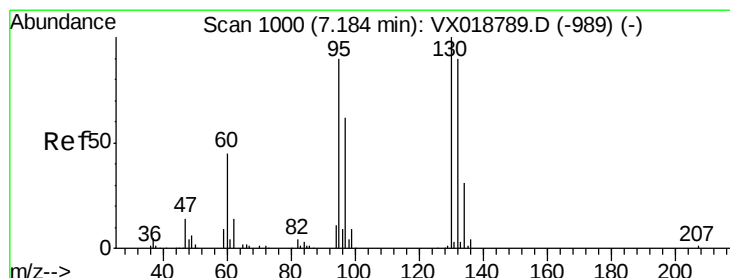
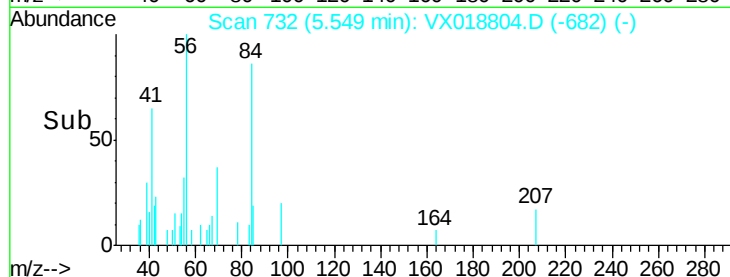
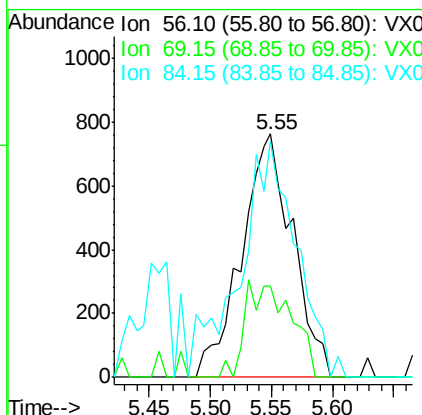
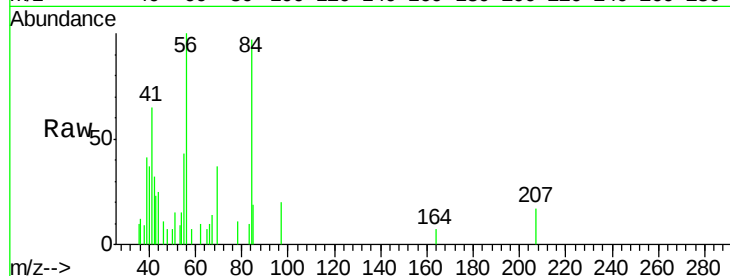




#30
Cyclohexane
Concen: 0.238 ug/L
RT: 5.55 min Scan# 732
Delta R.T. 0.01 min
Lab File: VX018804.D
Acq: 06 Oct 2020 17:14

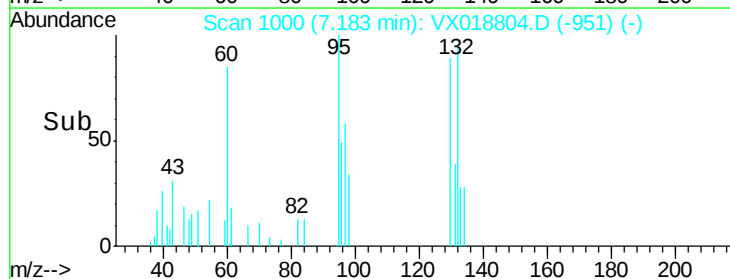
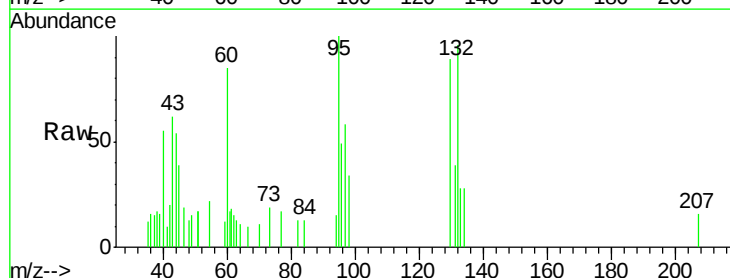
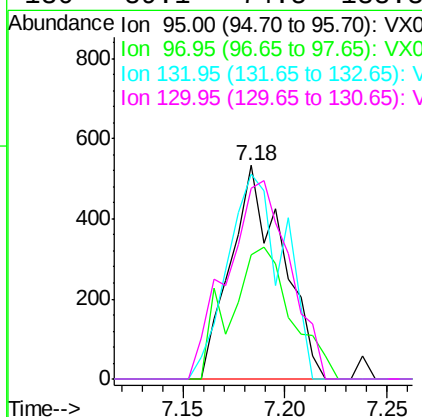
Instrument :
MSVOA_X
ClientSampled :
BG3M9DL2

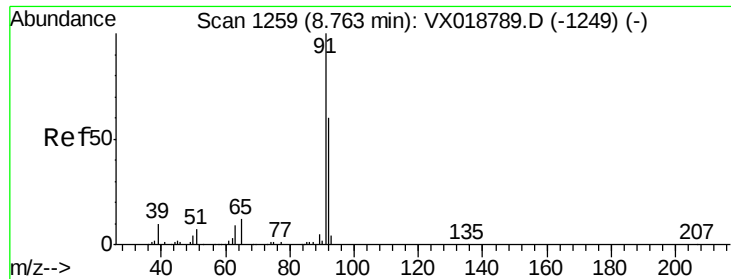
Tot Ion: 56 Resp: 2217
Ion Ratio Lower Upper
56 100
69 35.4 26.0 39.0
84 107.5 73.8 110.6



#34
Trichloroethene
Concen: 0.134 ug/L
RT: 7.18 min Scan# 1000
Delta R.T. -0.00 min
Lab File: VX018804.D
Acq: 06 Oct 2020 17:14

Tgt Ion: 95 Resp: 939
Ion Ratio Lower Upper
95 100
97 58.2 45.3 84.1
132 95.9 68.6 127.4
130 89.1 74.5 138.3





#42

Toluene

Concen: 15.097 ug/L

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX018804.D

Acq: 06 Oct 2020 17:14

Instrument :

MSVOA_X

ClientSampled :

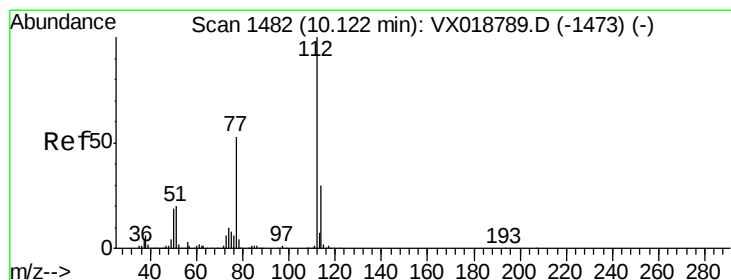
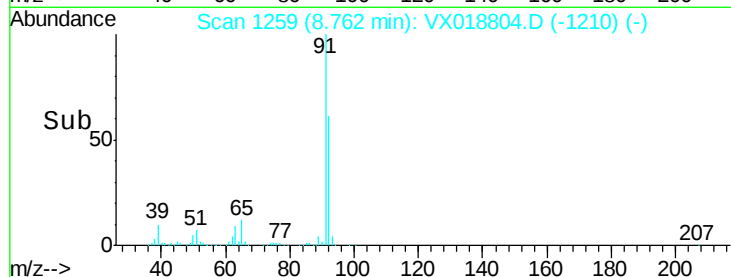
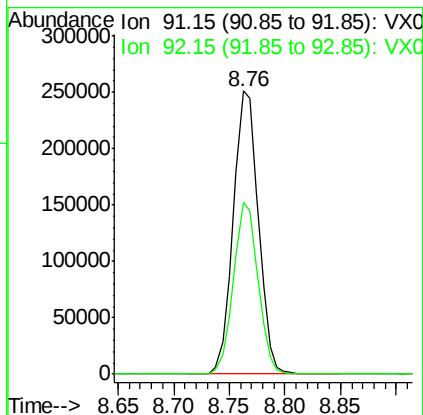
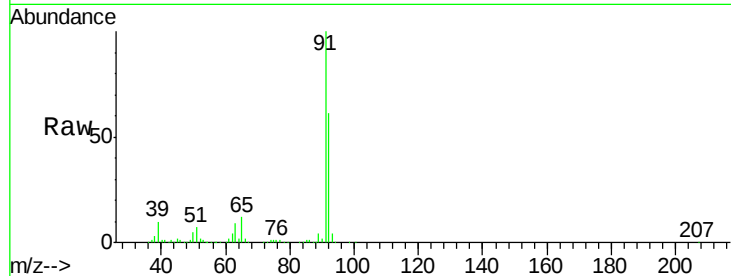
BG3M9DL2

Tot Ion: 91 Resp: 392142

Ion Ratio Lower Upper

91 100

92 60.6 40.3 74.9



#53

Chlorobenzene

Concen: 0.133 ug/L

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX018804.D

Acq: 06 Oct 2020 17:14

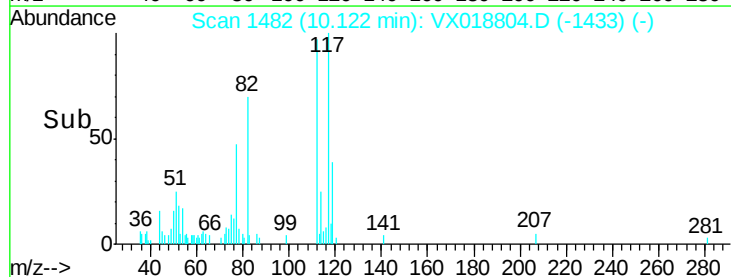
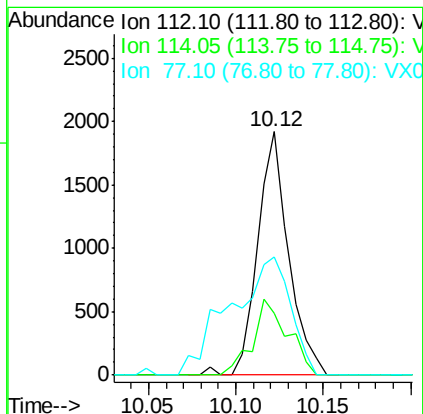
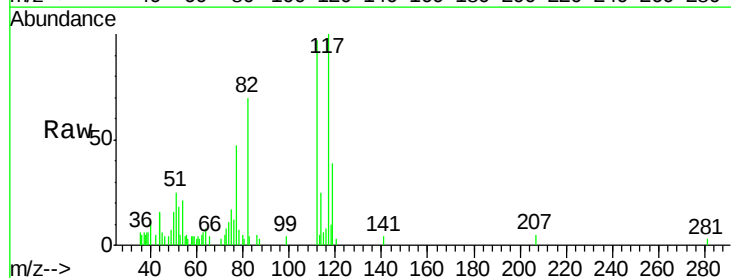
Tgt Ion: 112 Resp: 2366

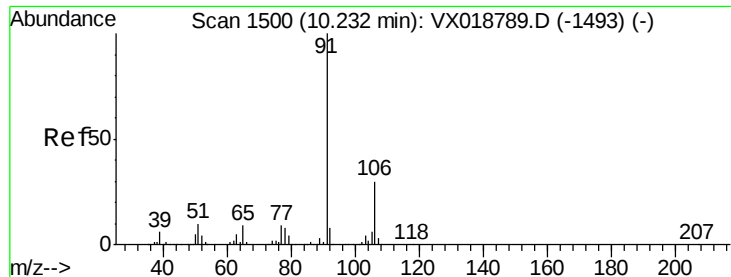
Ion Ratio Lower Upper

112 100

114 25.4 21.3 39.5

77 48.4 42.4 63.6





#54

Ethylbenzene

Concen: 1.135 ug/L

RT: 10.23 min Scan# 1500

Delta R.T. -0.00 min

Lab File: VX018804.D

Acq: 06 Oct 2020 17:14

Instrument :

MSVOA_X

ClientSampled :

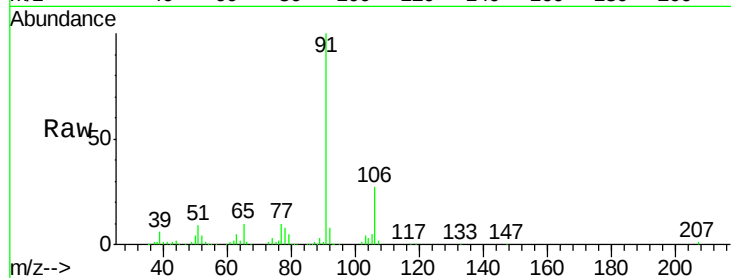
BG3M9DL2

Tot Ion: 91 Resp: 33049

Ion Ratio Lower Upper

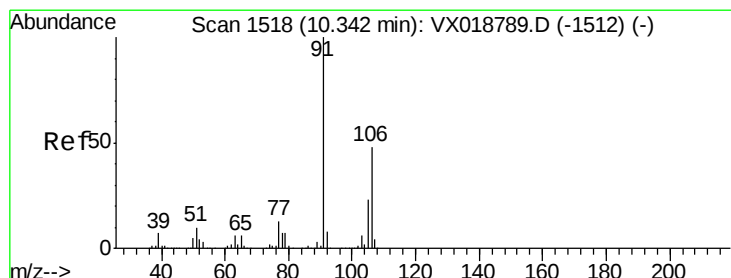
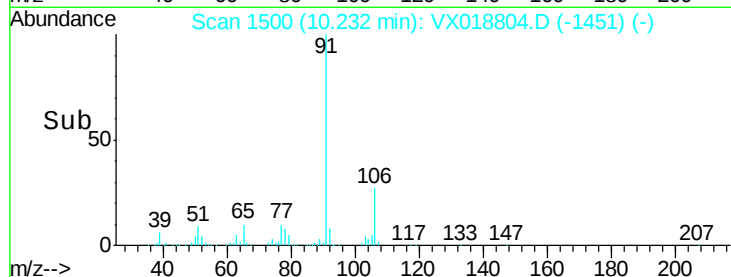
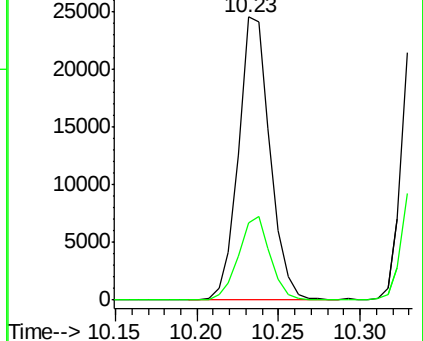
91 100

106 27.1 21.5 39.9



Abundance Ion 91.15 (90.85 to 91.85): VX0

Ion 106.15 (105.85 to 106.85): V



#55

m,p-xylene

Concen: 2.945 ug/L

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX018804.D

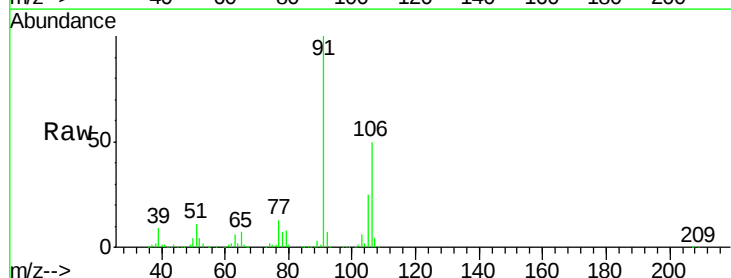
Acq: 06 Oct 2020 17:14

Tgt Ion: 106 Resp: 33449

Ion Ratio Lower Upper

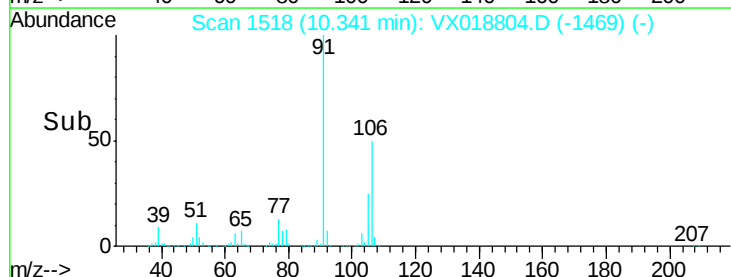
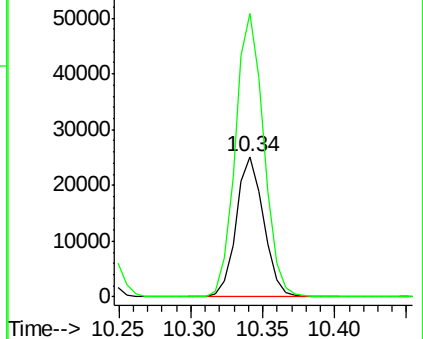
106 100

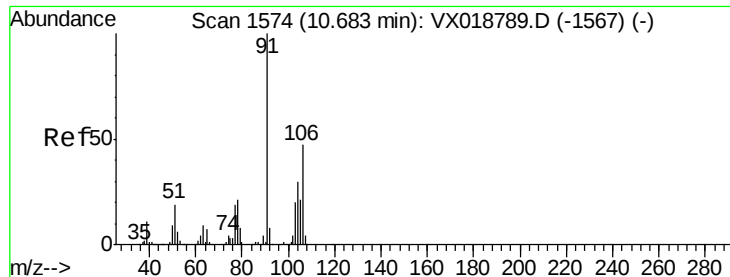
91 201.8 143.4 266.2



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VX0

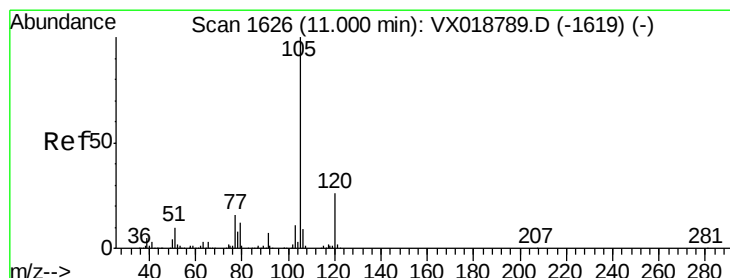
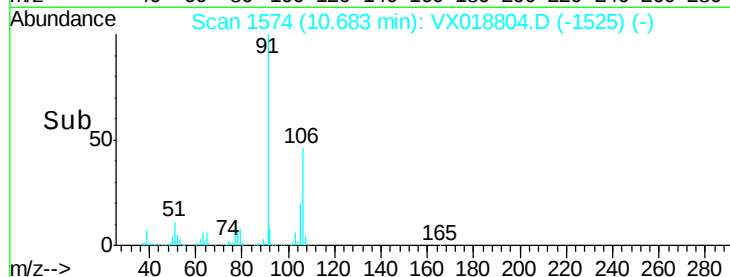
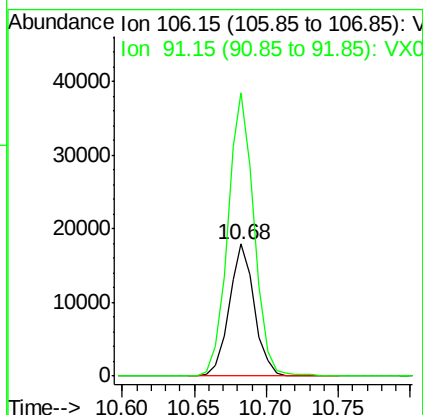
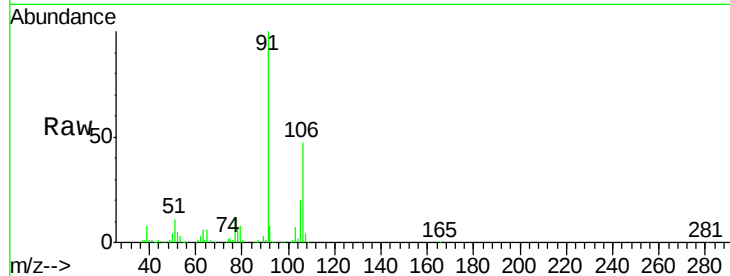




#56
o-xylene
Concen: 2.100 ug/L
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX018804.D
Acq: 06 Oct 2020 17:14

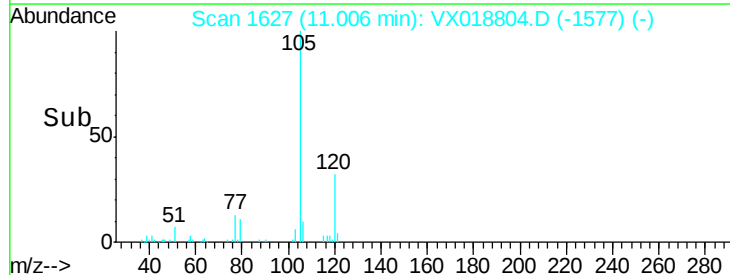
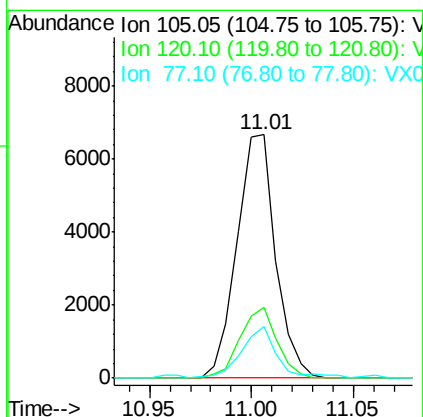
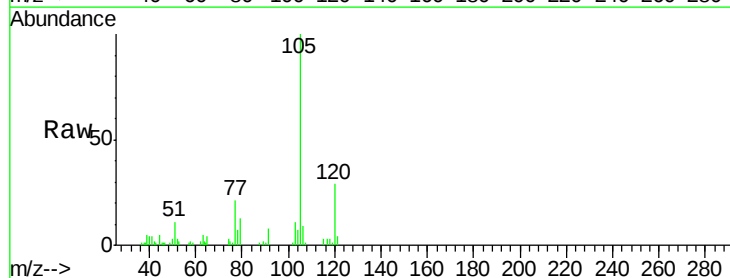
Instrument :
MSVOA_X
ClientSampled :
BG3M9DL2

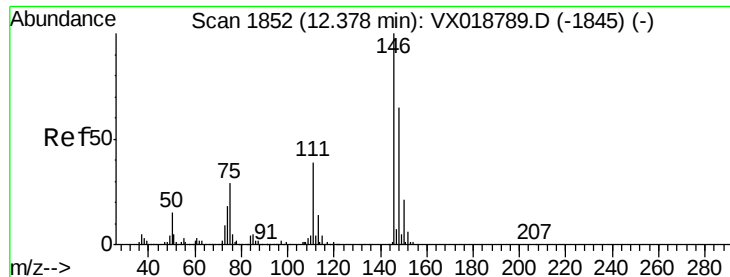
Tot Ion:106 Resp: 22045
Ion Ratio Lower Upper
106 100
91 214.8 153.4 284.8



#58
Isopropylbenzene
Concen: 0.299 ug/L
RT: 11.01 min Scan# 1627
Delta R.T. 0.01 min
Lab File: VX018804.D
Acq: 06 Oct 2020 17:14

Tgt Ion:105 Resp: 8772
Ion Ratio Lower Upper
105 100
120 27.9 20.2 30.2
77 19.8 13.3 19.9

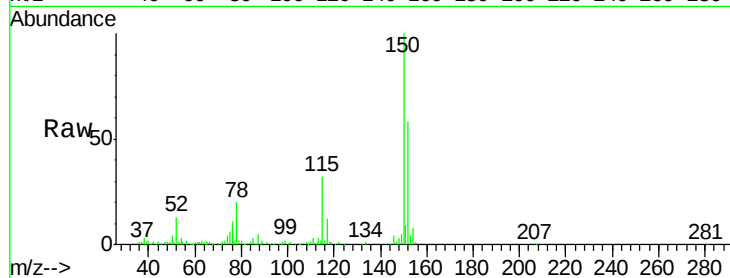




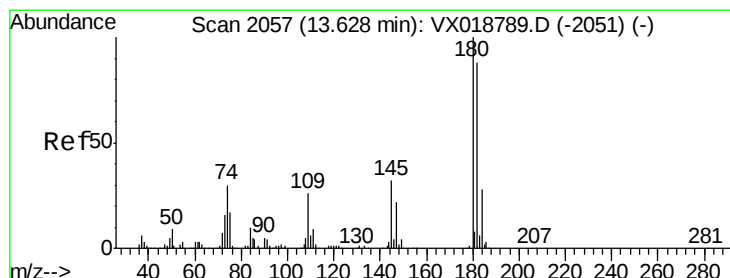
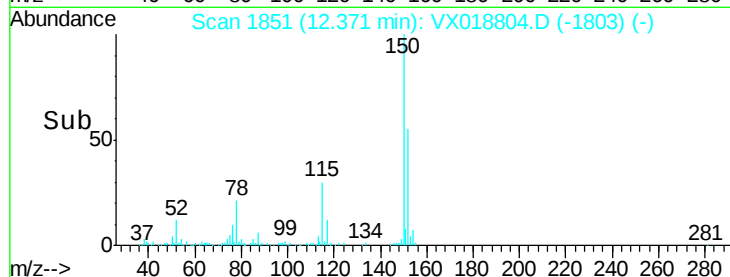
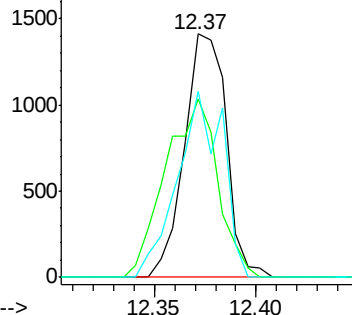
#66
 1,2-Dichlorobenzene
 Concen: 0.158 ug/L
 RT: 12.37 min Scan# 1851
 Delta R.T. -0.01 min
 Lab File: VX018804.D
 Acq: 06 Oct 2020 17:14

Instrument :
 MSVOA_X
 ClientSampleId :
 BG3M9DL2

Tot Ion:146 Resp: 2008
 Ion Ratio Lower Upper
 146 100
 111 73.2 31.7 47.5#
 148 76.2 49.0 73.6#

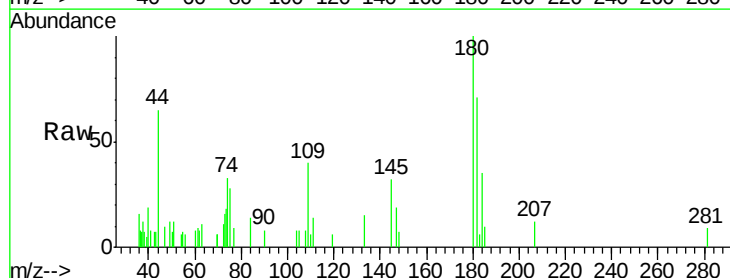


Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V



#69
 1,2,4-trichlorobenzene
 Concen: 0.141 ug/L
 RT: 13.63 min Scan# 2057
 Delta R.T. -0.00 min
 Lab File: VX018804.D
 Acq: 06 Oct 2020 17:14

Tgt Ion:180 Resp: 1224
 Ion Ratio Lower Upper
 180 100
 182 74.8 80.2 120.4#
 145 35.5 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

