

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100620\
 Data File : VX018808.D
 Acq On : 06 Oct 2020 18:56
 Operator : JC/SP
 Sample : L4239-06DL 100X
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BG3N6DL

Quant Time: Oct 07 03:41:30 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	125157	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	119254	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	62180	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	32044	4.38	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.60%
7) Chloroethane-d5	1.70	69	30233	5.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.60%
11) 1,1-Dichloroethene-d2	2.34	63	58993	3.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.60%
20) 2-Butanone-d5	4.55	46	128196	66.85	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	133.70%#
24) Chloroform-d	5.14	84	88288	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.80%
26) 1,2-Dichloroethane-d4	6.03	65	53073	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.20%
32) Benzene-d6	6.04	84	156582	5.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.60%
36) 1,2-Dichloropropane-d6	7.37	67	48435	5.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	113.00%
41) Toluene-d8	8.70	98	138061	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.60%
45) trans-1,3-Dichloropropene-	8.99	79	21877	4.74	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.80%
48) 2-Hexanone-d5	9.43	63	101060	65.42	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	130.84%#
59) 1,1,2,2-Tetrachloroethane-	11.23	84	39240	5.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.60%
65) 1,2-Dichlorobenzene-d4	12.36	152	60860	5.31	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.20%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.35	96	4780	0.767	ug/L #	1
16) Methylene chloride	2.84	84	4183	0.553	ug/L	84
18) trans-1,2-Dichloroethene	3.14	96	1267	0.190	ug/L	84
19) 1,1-Dichloroethane	3.67	63	14277	1.203	ug/L	97
22) cis-1,2-Dichloroethene	4.56	96	555901	80.747	ug/L #	94
29) 1,1,1-Trichloroethane	5.46	97	849696	60.230	ug/L	100
30) Cyclohexane	5.55	56	7572	0.774	ug/L	90
33) Benzene	6.12	78	3316	0.133	ug/L	100
34) Trichloroethene	7.19	95	6332	0.859	ug/L	96
42) Toluene	8.77	91	5455621	199.647	ug/L	97
53) Chlorobenzene	10.12	112	2389	0.128	ug/L #	90
54) Ethylbenzene	10.24	91	43416	1.417	ug/L	97
55) m,p-xylene	10.34	106	58521	4.898	ug/L	91
56) o-xylene	10.68	106	40705	3.686	ug/L	93
58) Isopropylbenzene	11.00	105	9337	0.302	ug/L	95
66) 1,2-Dichlorobenzene	12.38	146	1841	0.130	ug/L #	87

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Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 07 01:30:09 2020
Response via : Initial Calibration

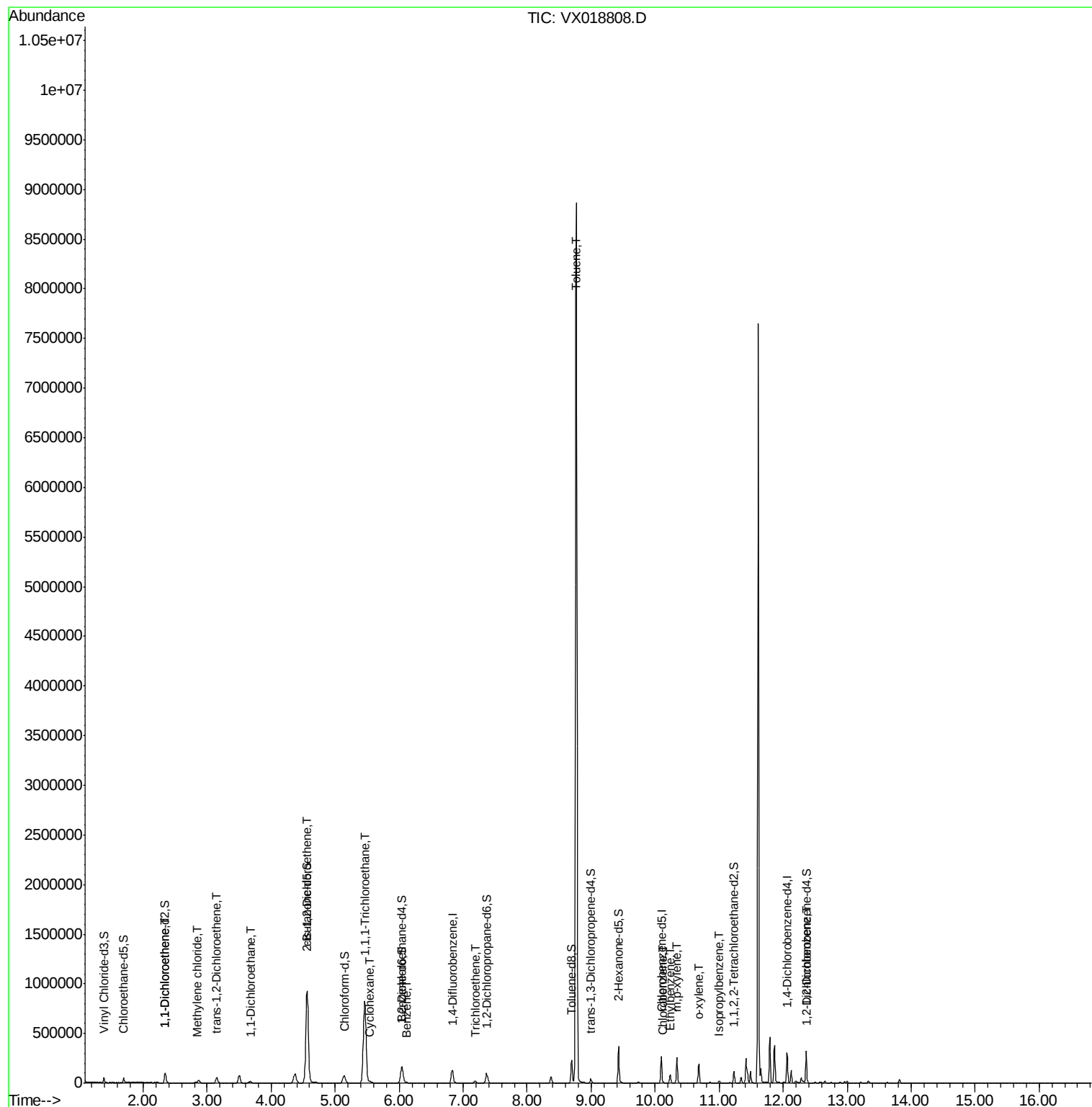
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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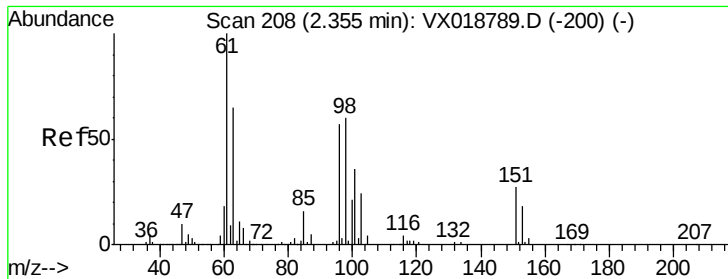
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX100620\
Data File : VX018808.D
Acq On : 06 Oct 2020 18:56
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QLast Update : Wed Oct 07 01:30:09 2020
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.767 ug/L

RT: 2.35 min Scan# 207

Delta R.T. -0.01 min

Lab File: VX018808.D

Acq: 06 Oct 2020 18:56

Instrument :

MSVOA_X

ClientSampleId :

BG3N6DL

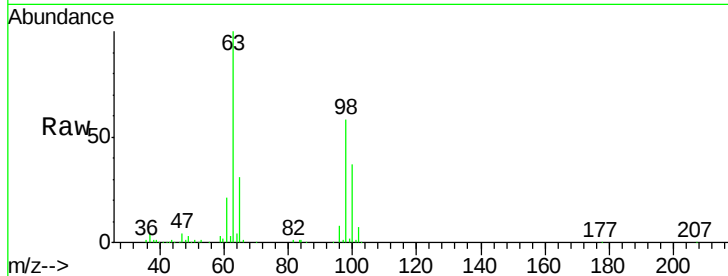
Tot Ion: 96 Resp: 4780

Ion Ratio Lower Upper

96 100

61 262.6 133.2 247.4#

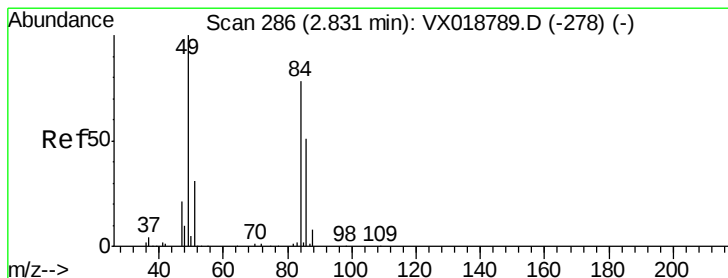
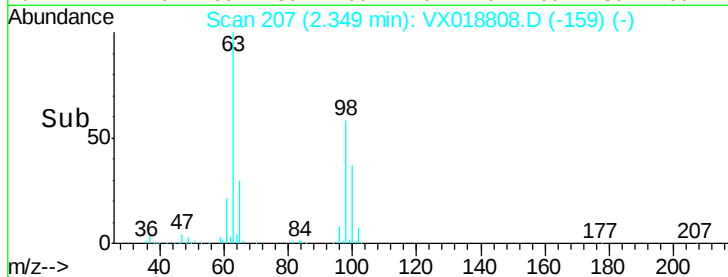
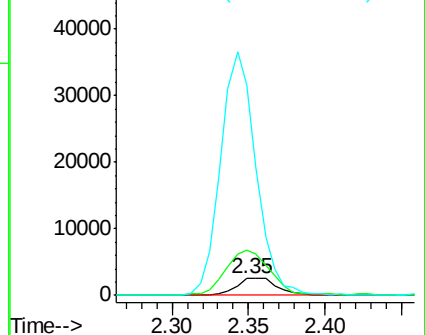
63 1238.5 115.1 213.7#



Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.05 (60.75 to 61.75): VX0

Ion 63.00 (62.70 to 63.70): VX0



#16

Methylene chloride

Concen: 0.553 ug/L

RT: 2.84 min Scan# 287

Delta R.T. 0.01 min

Lab File: VX018808.D

Acq: 06 Oct 2020 18:56

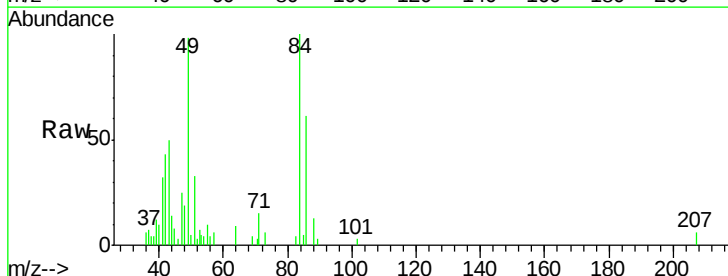
Tgt Ion: 84 Resp: 4183

Ion Ratio Lower Upper

84 100

86 61.1 45.6 84.8

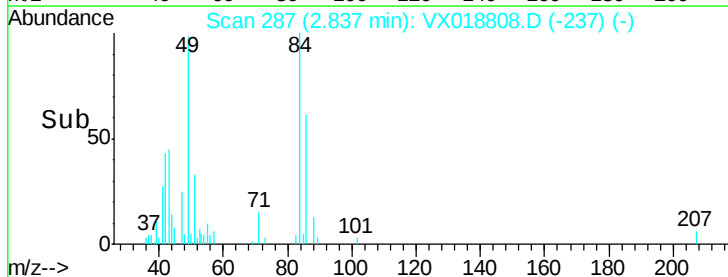
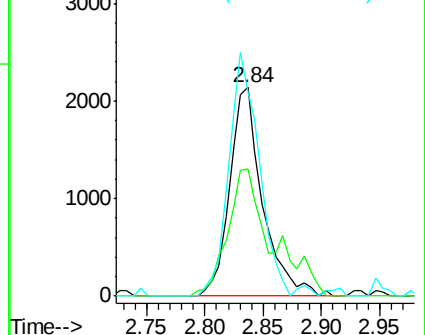
49 97.8 85.8 159.3

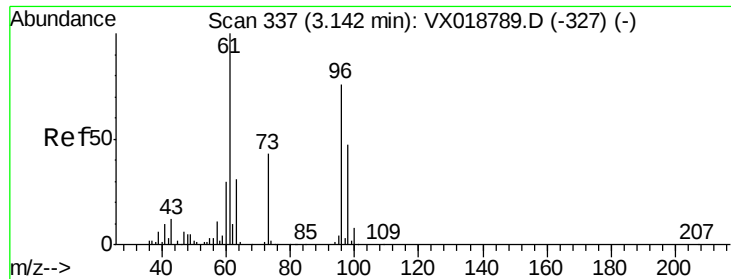


Abundance Ion 84.05 (83.75 to 84.75): VX0

Ion 86.00 (85.70 to 86.70): VX0

Ion 49.10 (48.80 to 49.80): VX0

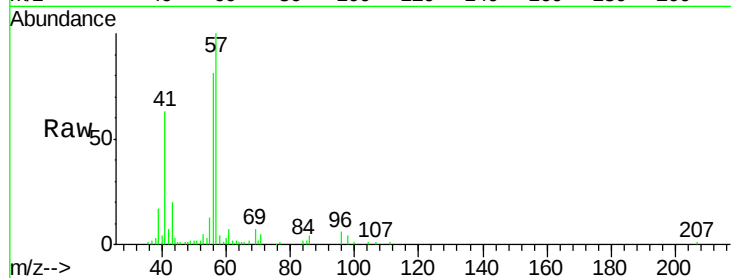




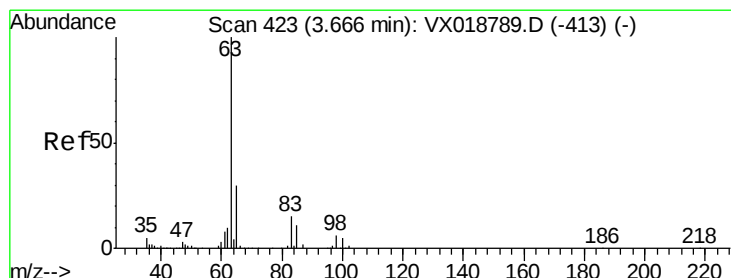
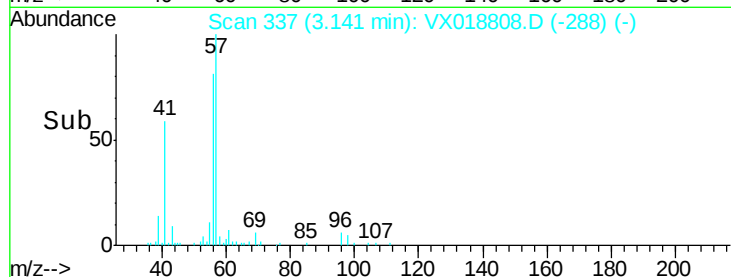
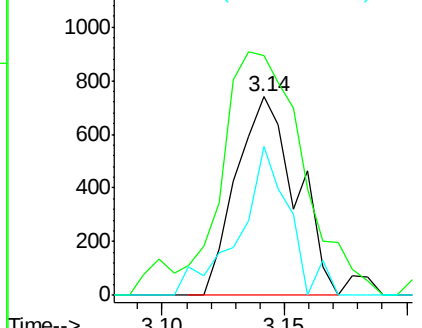
#18
trans-1,2-Dichloroethene
Concen: 0.190 ug/L
RT: 3.14 min Scan# 337
Delta R.T. -0.00 min
Lab File: VX018808.D
Acq: 06 Oct 2020 18:56

Instrument :
MSVOA_X
ClientSampleId :
BG3N6DL

Tot Ion: 96 Resp: 1267
Ion Ratio Lower Upper
96 100
61 120.8 97.6 181.4
98 75.3 43.1 80.1

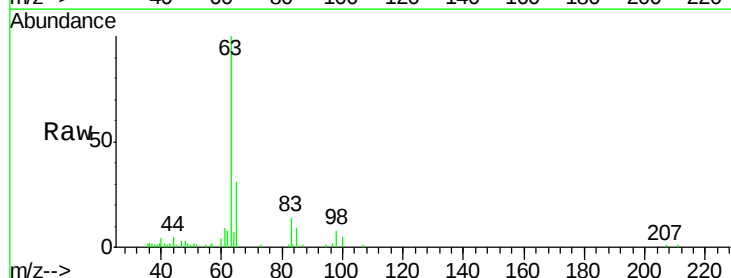


Abundance Ion 96.00 (95.70 to 96.70): VX0
Ion 61.05 (60.75 to 61.75): VX0
Ion 97.95 (97.65 to 98.65): VX0

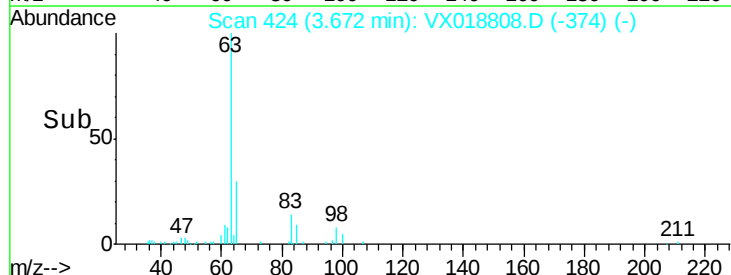
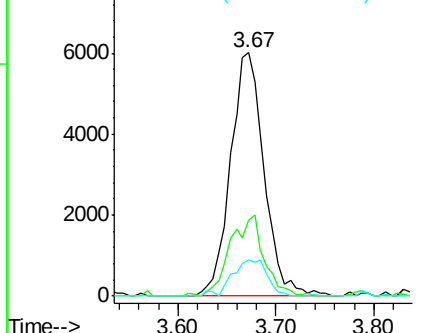


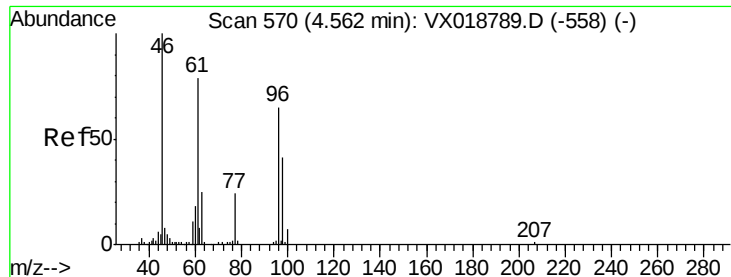
#19
1,1-Dichloroethane
Concen: 1.203 ug/L
RT: 3.67 min Scan# 424
Delta R.T. 0.01 min
Lab File: VX018808.D
Acq: 06 Oct 2020 18:56

Tgt Ion: 63 Resp: 14277
Ion Ratio Lower Upper
63 100
65 31.4 21.6 40.2
83 15.1 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



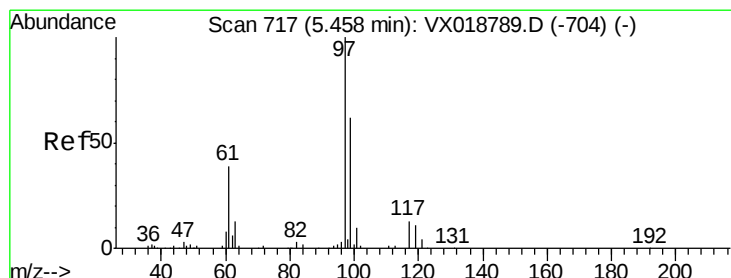
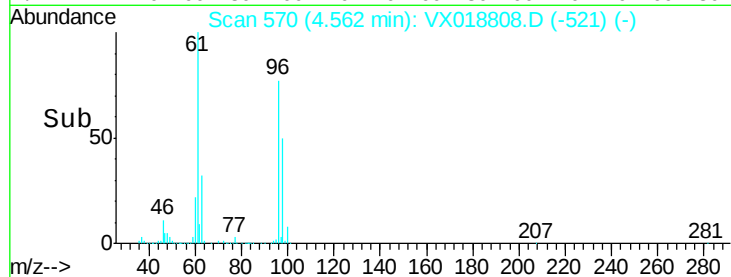
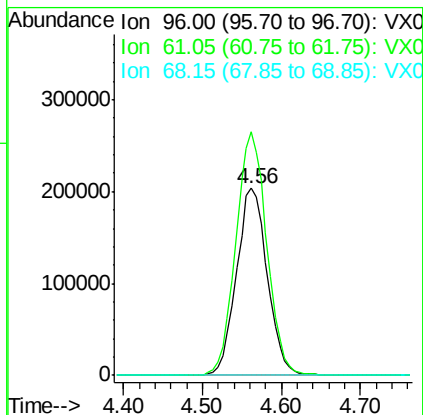
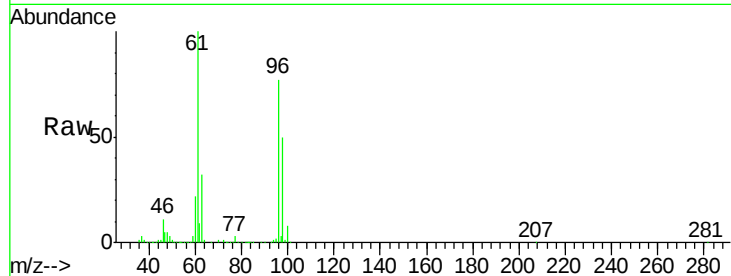


#22

cis-1,2-Dichloroethene
 Concen: 80.747 ug/L
 RT: 4.56 min Scan# 570
 Delta R.T. -0.00 min
 Lab File: VX018808.D
 Acq: 06 Oct 2020 18:56

Instrument :
 MSVOA_X
 ClientSampleId :
 BG3N6DL

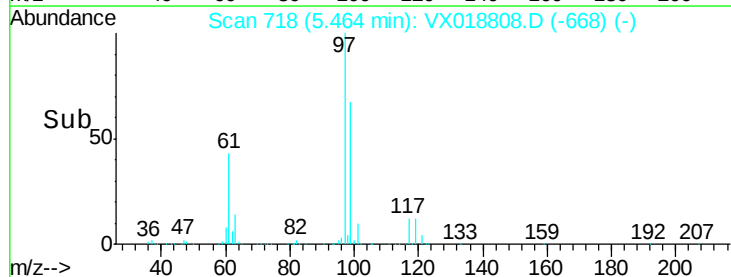
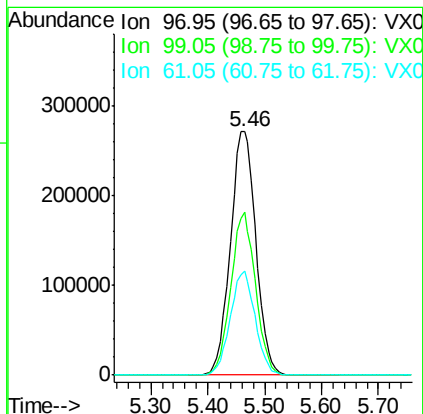
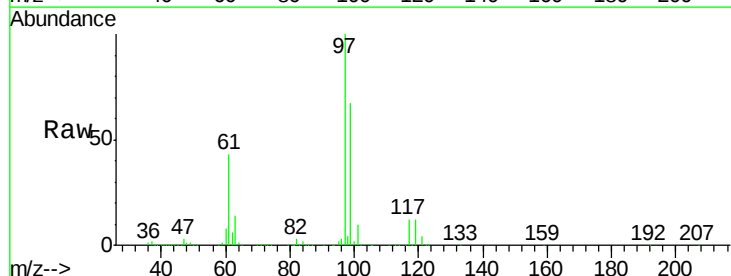
Tot Ion	Ratio	Lower	Upper
96	100		
61	130.1	86.2	160.0
68	0.0	0.3	0.7#

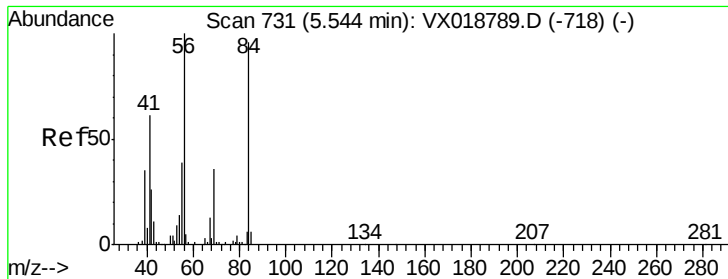


#29

1,1,1-Trichloroethane
 Concen: 60.230 ug/L
 RT: 5.46 min Scan# 718
 Delta R.T. 0.01 min
 Lab File: VX018808.D
 Acq: 06 Oct 2020 18:56

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.5	51.3	76.9
61	41.8	33.3	49.9

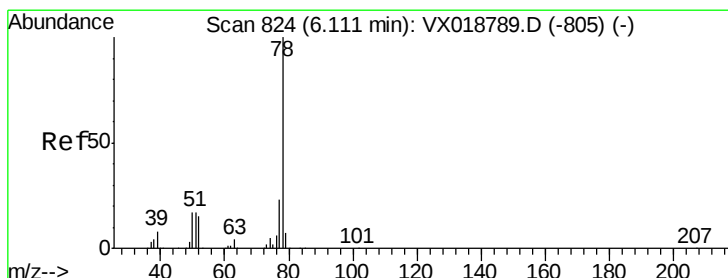
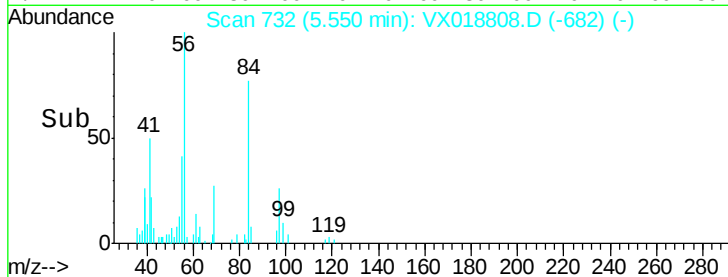
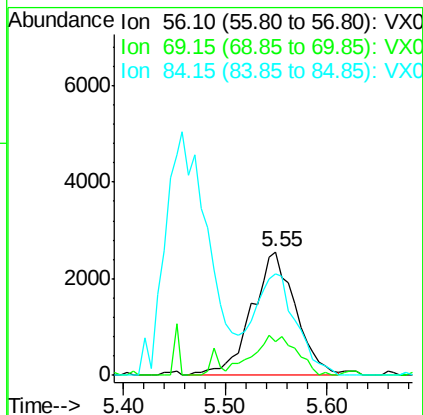
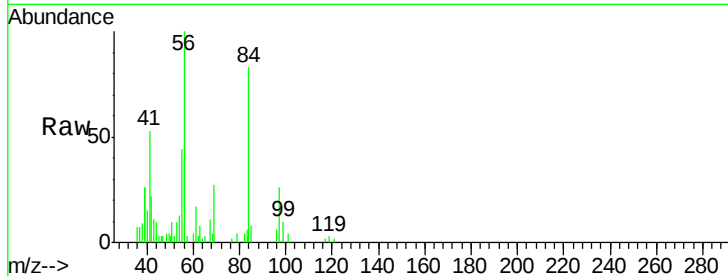




#30
Cyclohexane
Concen: 0.774 ug/L
RT: 5.55 min Scan# 732
Delta R.T. 0.01 min
Lab File: VX018808.D
Acq: 06 Oct 2020 18:56

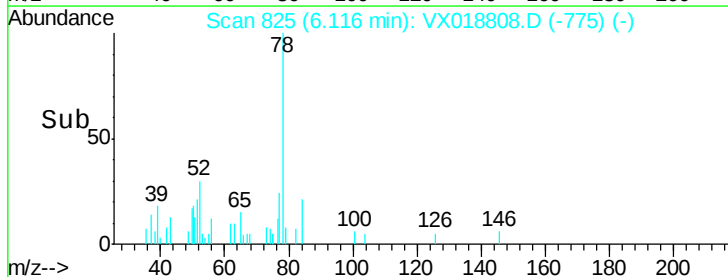
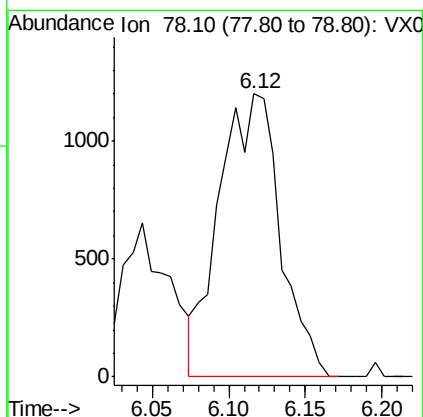
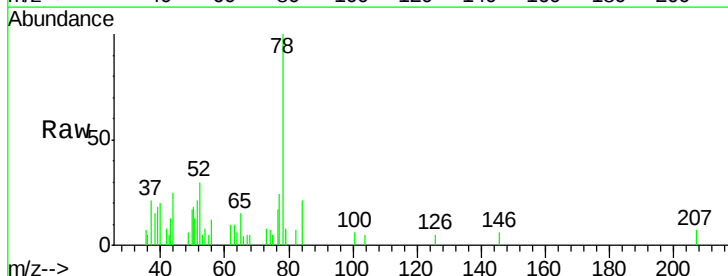
Instrument :
MSVOA_X
ClientSampleId :
BG3N6DL

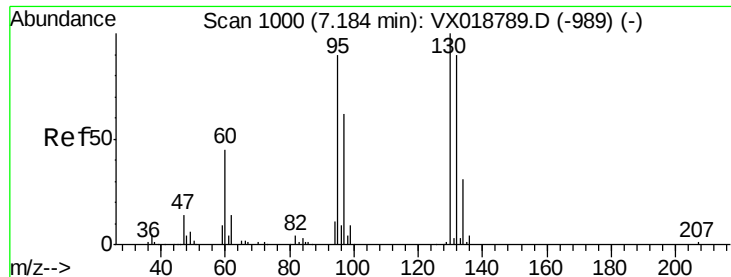
Tot Ion: 56 Resp: 7572
Ion Ratio Lower Upper
56 100
69 32.7 26.0 39.0
84 79.4 73.8 110.6



#33
Benzene
Concen: 0.133 ug/L
RT: 6.12 min Scan# 825
Delta R.T. 0.01 min
Lab File: VX018808.D
Acq: 06 Oct 2020 18:56

Tgt Ion: 78 Resp: 3316

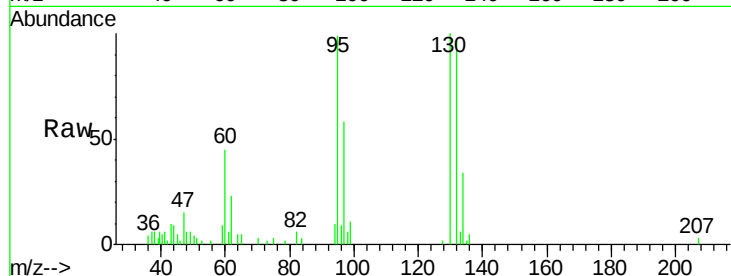




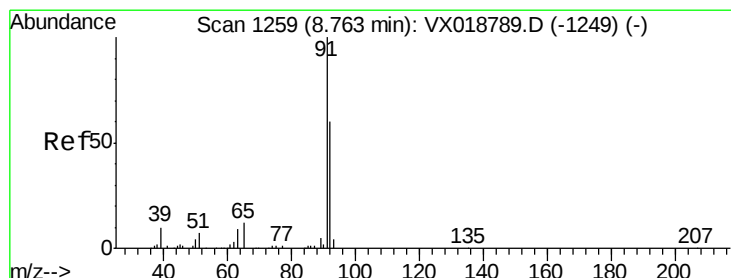
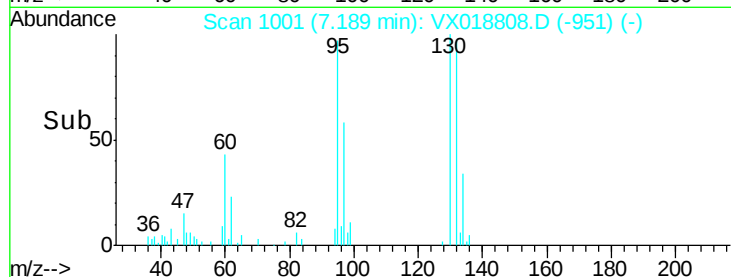
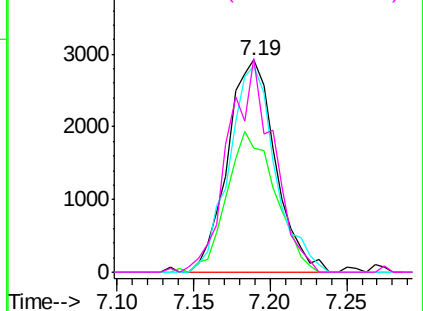
#34
 Trichloroethene
 Concen: 0.859 ug/L
 RT: 7.19 min Scan# 1001
 Delta R.T. 0.01 min
 Lab File: VX018808.D
 Acq: 06 Oct 2020 18:56

Instrument :
 MSVOA_X
 ClientSampleId :
 BG3N6DL

Tot Ion: 95 Resp: 6332
 Ion Ratio Lower Upper
 95 100
 97 58.4 45.3 84.1
 132 97.3 68.6 127.4
 130 100.8 74.5 138.3

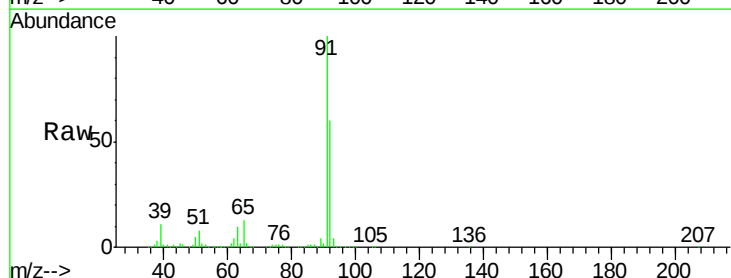


Abundance Ion 95.00 (94.70 to 95.70): VX0
 Ion 96.95 (96.65 to 97.65): VX0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

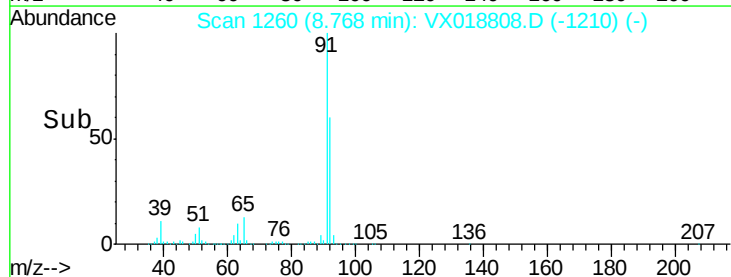
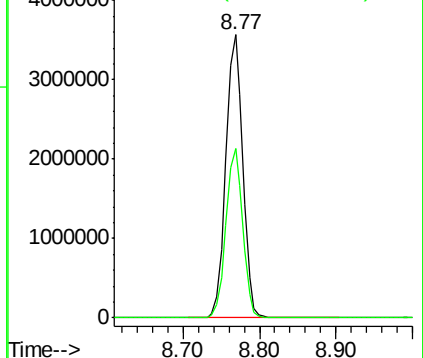


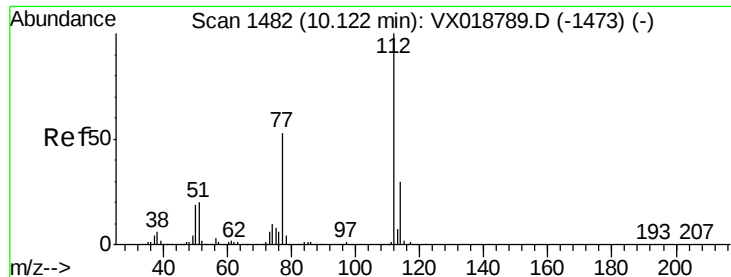
#42
 Toluene
 Concen: 199.647 ug/L
 RT: 8.77 min Scan# 1260
 Delta R.T. 0.01 min
 Lab File: VX018808.D
 Acq: 06 Oct 2020 18:56

Tgt Ion: 91 Resp: 5455621
 Ion Ratio Lower Upper
 91 100
 92 59.7 40.3 74.9



Abundance Ion 91.15 (90.85 to 91.85): VX0
 Ion 92.15 (91.85 to 92.85): VX0





#53

Chlorobenzene

Concen: 0.128 ug/L

RT: 10.12 min Scan# 1482

Delta R.T. -0.00 min

Lab File: VX018808.D

Acq: 06 Oct 2020 18:56

Instrument :

MSVOA_X

ClientSampleId :

BG3N6DL

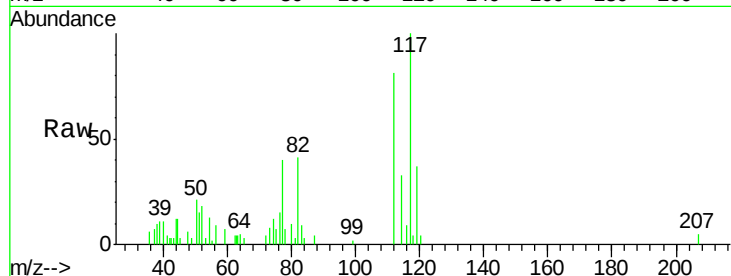
Tot Ion: 112 Resp: 2389

Ion Ratio Lower Upper

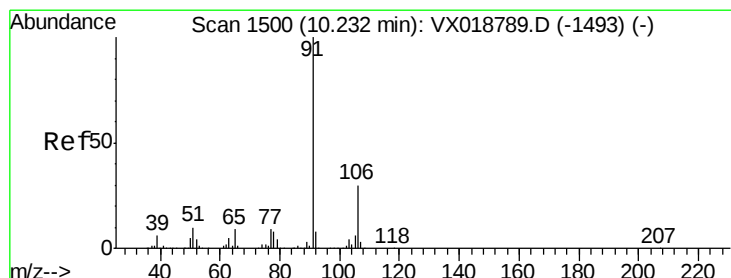
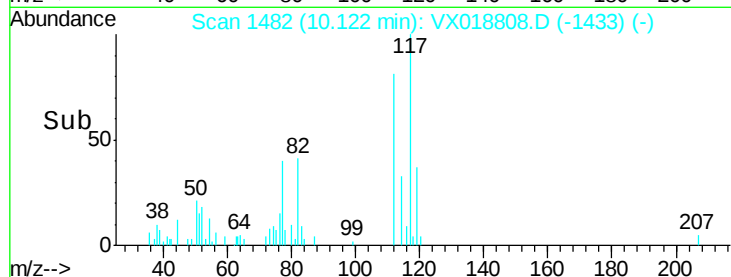
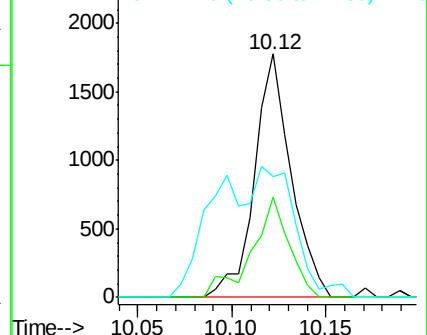
112 100

114 41.0 21.3 39.5#

77 49.4 42.4 63.6



Abundance Ion 112.10 (111.80 to 112.80): V
Ion 114.05 (113.75 to 114.75): V
Ion 77.10 (76.80 to 77.80): V



#54

Ethylbenzene

Concen: 1.417 ug/L

RT: 10.24 min Scan# 1501

Delta R.T. 0.01 min

Lab File: VX018808.D

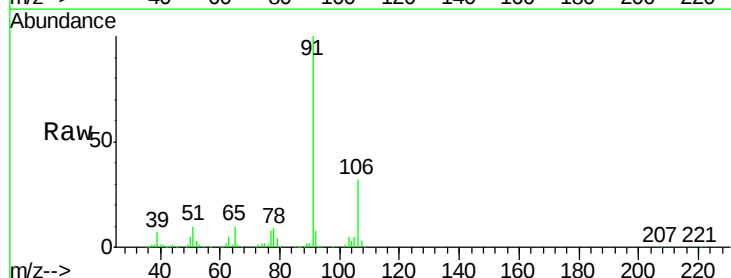
Acq: 06 Oct 2020 18:56

Tgt Ion: 91 Resp: 43416

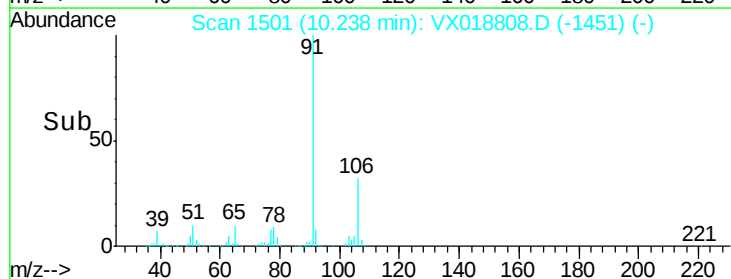
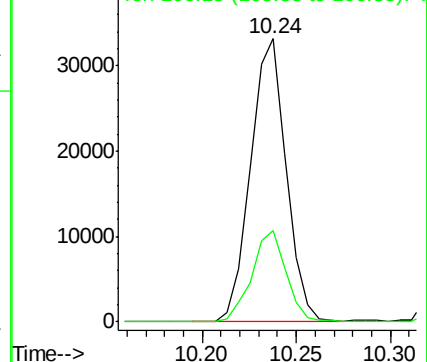
Ion Ratio Lower Upper

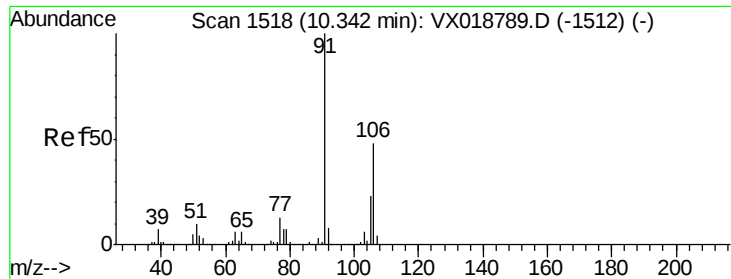
91 100

106 32.1 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: 4.898 ug/L

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX018808.D

Acq: 06 Oct 2020 18:56

Instrument :

MSVOA_X

ClientSampled :

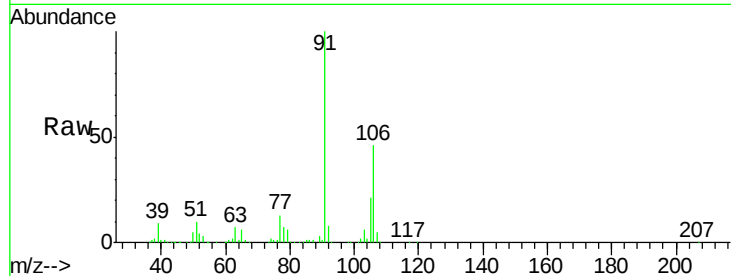
BG3N6DL

Tot Ion:106 Resp: 58521

Ion Ratio Lower Upper

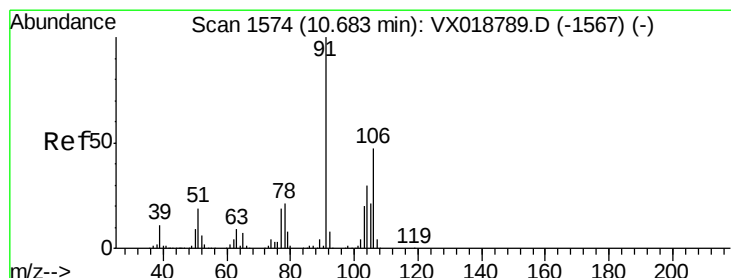
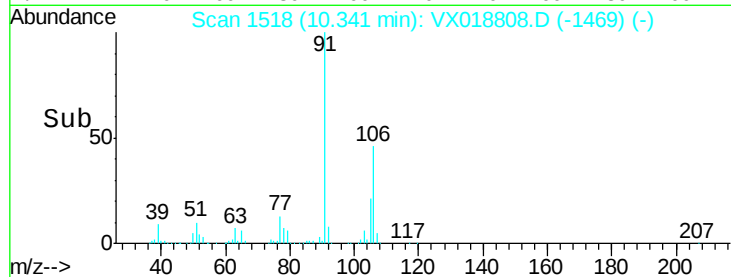
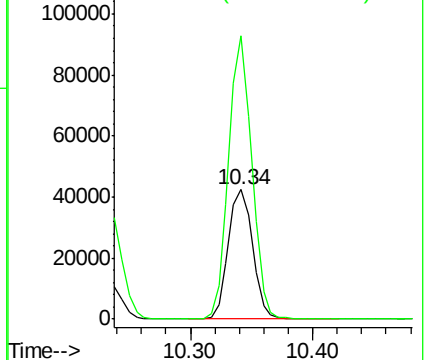
106 100

91 218.2 143.4 266.2



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VX0



#56

o-xylene

Concen: 3.686 ug/L

RT: 10.68 min Scan# 1574

Delta R.T. -0.00 min

Lab File: VX018808.D

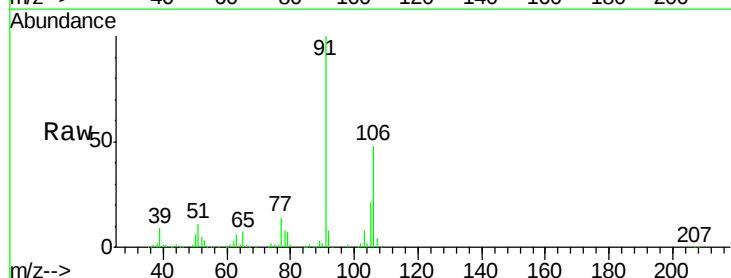
Acq: 06 Oct 2020 18:56

Tgt Ion:106 Resp: 40705

Ion Ratio Lower Upper

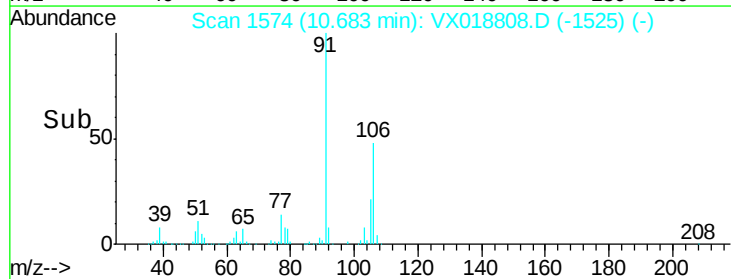
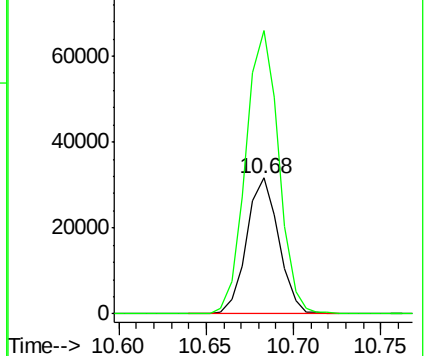
106 100

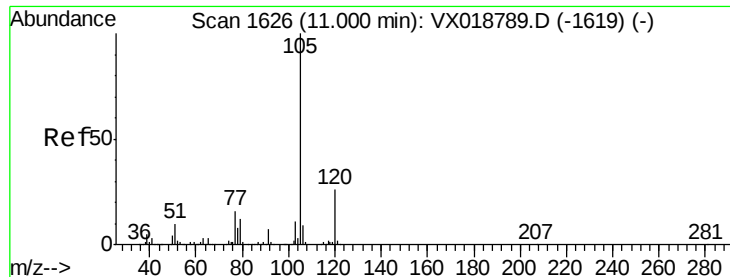
91 207.9 153.4 284.8



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VX0





#58

Isopropylbenzene

Concen: 0.302 ug/L

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX018808.D

Acq: 06 Oct 2020 18:56

Instrument :

MSVOA_X

ClientSampleId :

BG3N6DL

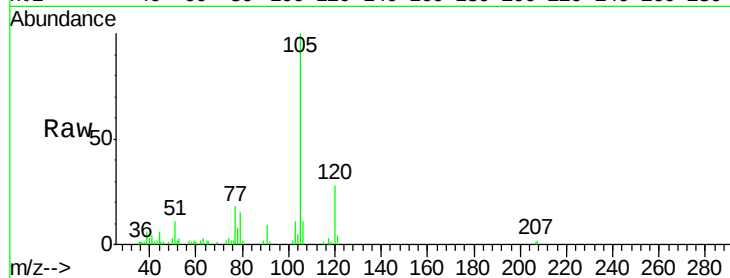
Tot Ion:105 Resp: 9337

Ion Ratio Lower Upper

105 100

120 27.9 20.2 30.2

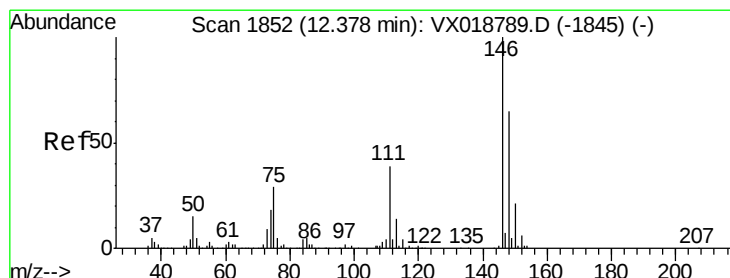
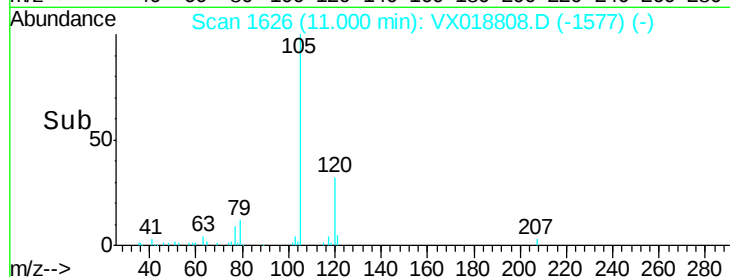
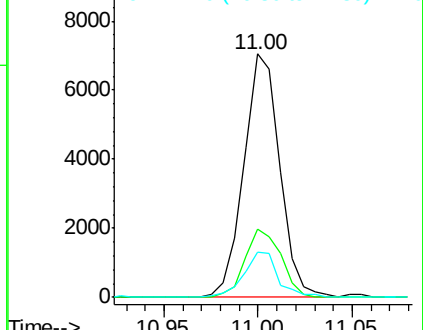
77 18.0 13.3 19.9



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



#66

1,2-Dichlorobenzene

Concen: 0.130 ug/L

RT: 12.38 min Scan# 1852

Delta R.T. -0.00 min

Lab File: VX018808.D

Acq: 06 Oct 2020 18:56

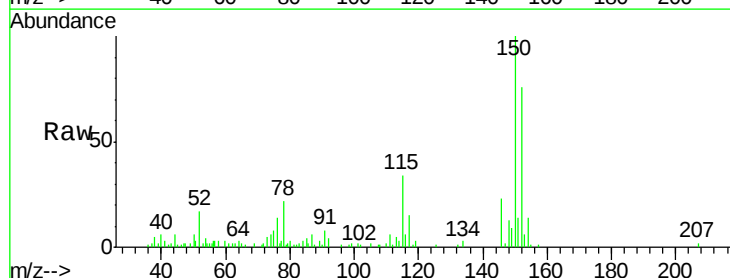
Tgt Ion:146 Resp: 1841

Ion Ratio Lower Upper

146 100

111 26.0 31.7 47.5#

148 56.2 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

