

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072220\
 Data File : VX017476.D
 Acq On : 22 Jul 2020 19:31
 Operator : JC/SP
 Sample : L3395-17
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GAY25

Quant Time: Jul 23 04:52:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\SOMXTR072120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jul 23 02:59:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.83	114	460503	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	435485	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	228715	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	150051	4.18	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.60%
7) Chloroethane-d5	1.69	69	112750	4.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.20%
11) 1,1-Dichloroethene-d2	2.34	63	226418	3.30	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.00%
20) 2-Butanone-d5	4.53	46	354408	52.97	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.94%
24) Chloroform-d	5.14	84	267951	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.60%
26) 1,2-Dichloroethane-d4	6.03	65	147808	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.40%
32) Benzene-d6	6.05	84	543476	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.80%
36) 1,2-Dichloropropane-d6	7.37	67	171576	5.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.20%
41) Toluene-d8	8.70	98	517594	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.40%
45) trans-1,3-Dichloropropene-	8.99	79	83119	6.03	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	120.60%
48) 2-Hexanone-d5	9.43	63	288821	59.08	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	118.16%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	113518	4.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.60%
65) 1,2-Dichlorobenzene-d4	12.36	152	191263	4.94	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.80%

Target Compounds

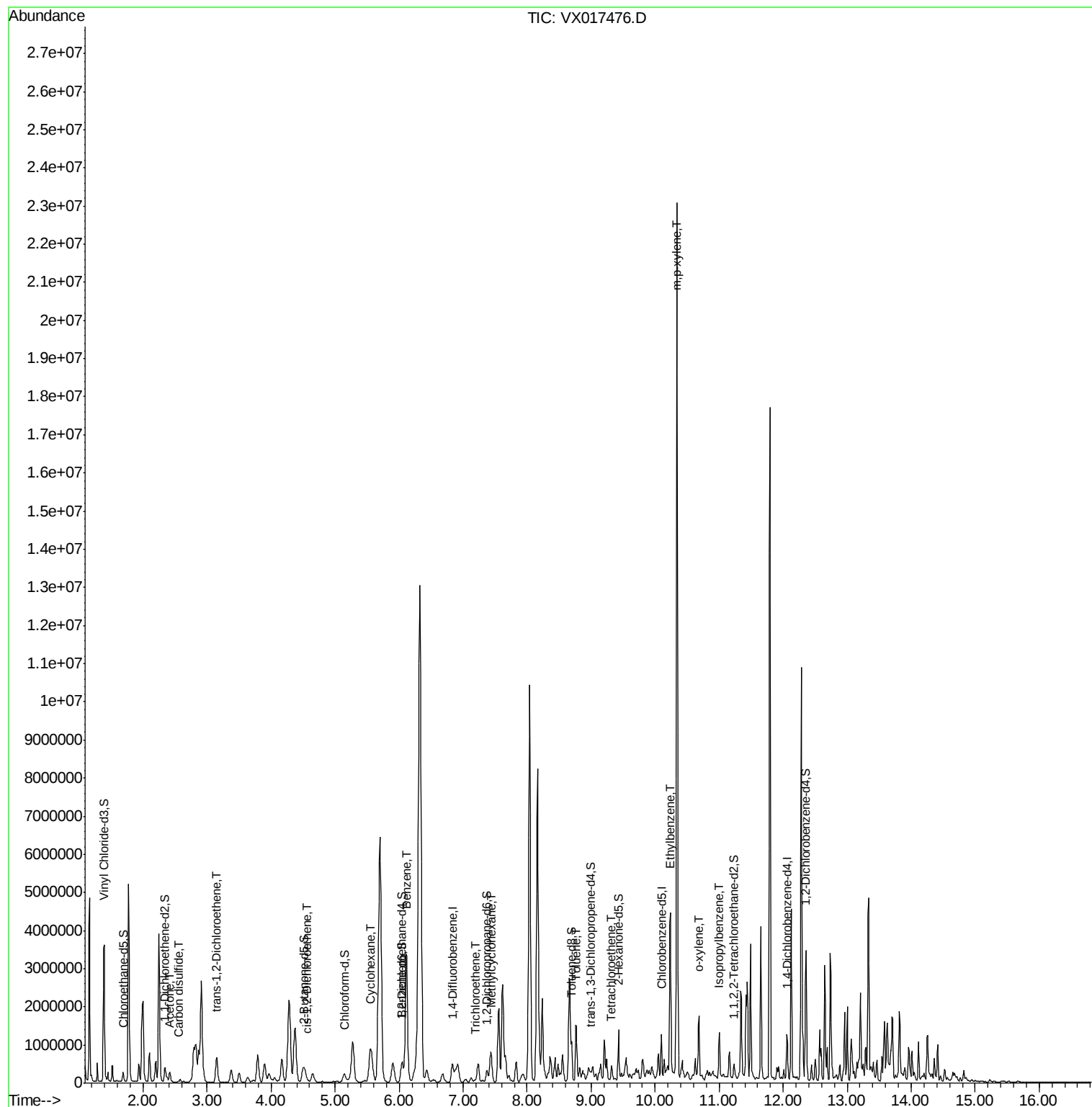
					Ovalue
13) Acetone	2.42	43	257804	47.751	ug/L 99
14) Carbon disulfide	2.55	76	23804	0.215	ug/L 98
18) trans-1,2-Dichloroethene	3.14	96	9886	0.285	ug/L # 88
22) cis-1,2-Dichloroethene	4.57	96	22331	0.651	ug/L # 89
30) Cyclohexane	5.56	56	642254	13.585	ug/L 94
33) Benzene	6.11	78	4049604	31.577	ug/L 100
34) Trichloroethene	7.19	95	22587	0.653	ug/L 95
35) Methylcyclohexane	7.44	83	310129	6.624	ug/L # 81
42) Toluene	8.76	91	934463	7.267	ug/L 99
49) Tetrachloroethene	9.32	164	71034	2.527	ug/L 95
54) Ethylbenzene	10.24	91	2202026	15.789	ug/L 98
55) m,p-xylene	10.34	106	5083561	91.297	ug/L 95
56) o-xylene	10.68	106	344202	6.373	ug/L 98
58) Isopropylbenzene	11.00	105	607864	4.354	ug/L 99

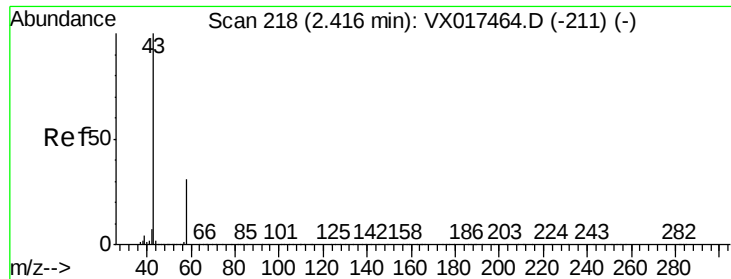
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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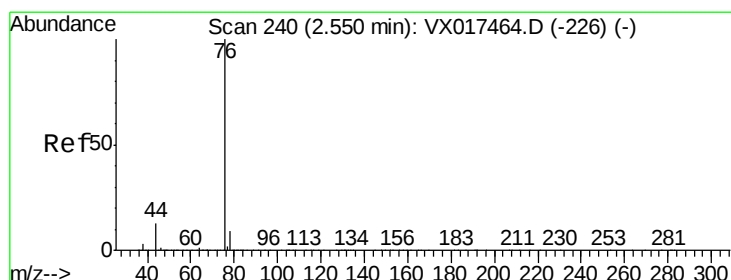
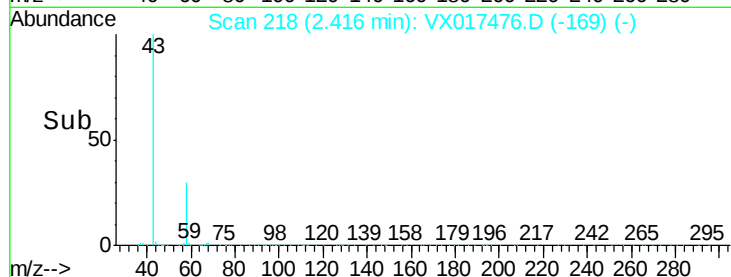
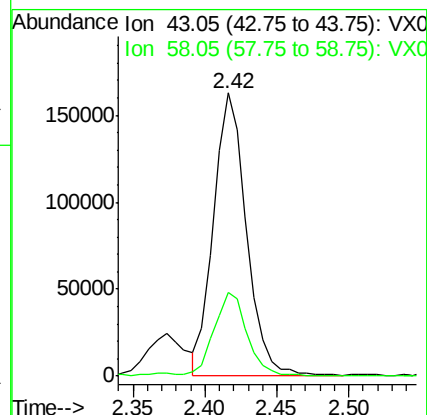
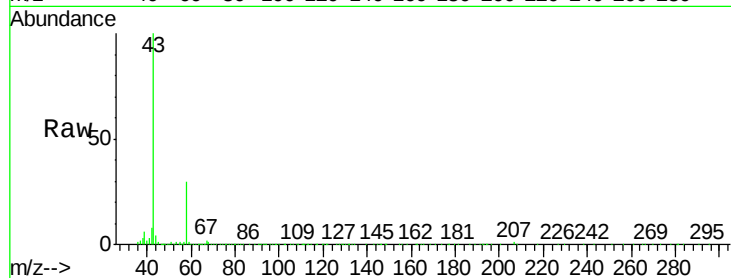




#13
Acetone
Concen: 47.751 ug/L
RT: 2.42 min Scan# 218
Delta R.T. -0.00 min
Lab File: VX017476.D
Acq: 22 Jul 2020 19:31

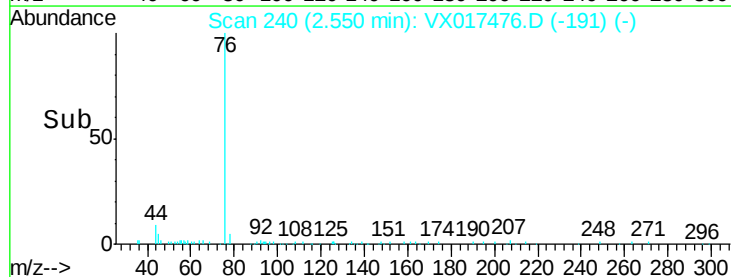
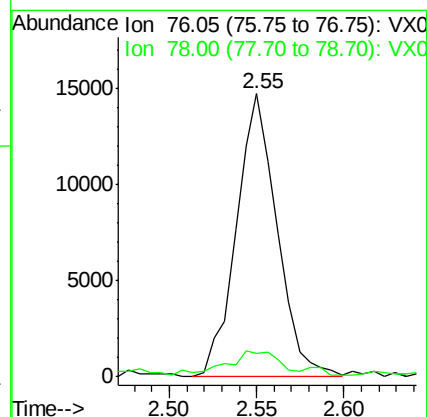
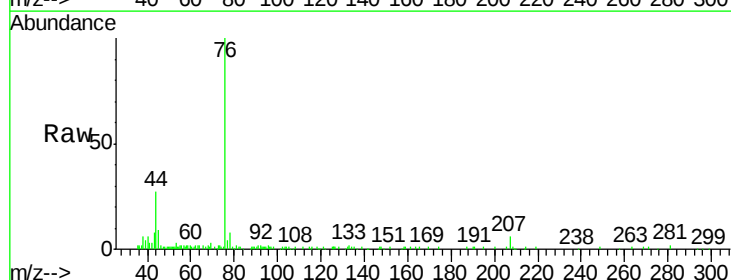
Instrument :
MSVOA_X
ClientSampleId :
GAY25

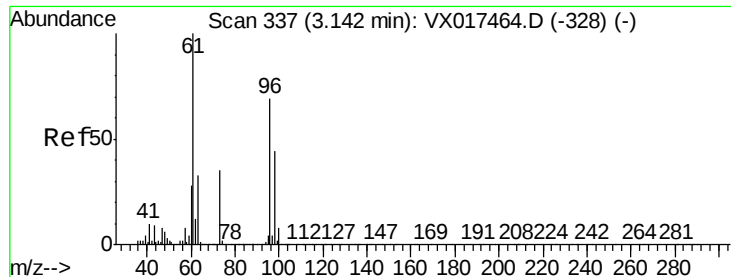
Tot Ion: 43 Resp: 257804
Ion Ratio Lower Upper
43 100
58 29.7 0.0 58.6



#14
Carbon disulfide
Concen: 0.215 ug/L
RT: 2.55 min Scan# 240
Delta R.T. -0.00 min
Lab File: VX017476.D
Acq: 22 Jul 2020 19:31

Tgt Ion: 76 Resp: 23804
Ion Ratio Lower Upper
76 100
78 8.4 7.3 10.9





#18

trans-1,2-Dichloroethene

Concen: 0.285 ug/L

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX017476.D

Acq: 22 Jul 2020 19:31

Instrument :

MSVOA_X

ClientSampleId :

GAY25

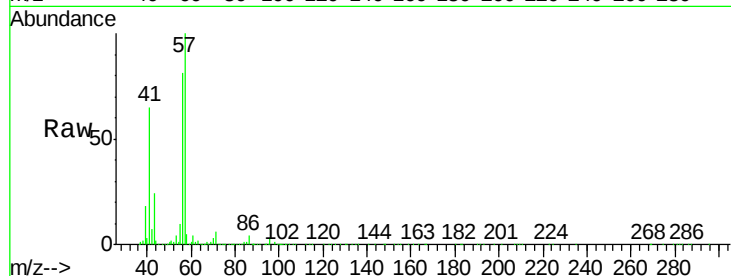
Tot Ion: 96 Resp: 9886

Ion Ratio Lower Upper

96 100

61 137.4 99.8 185.4

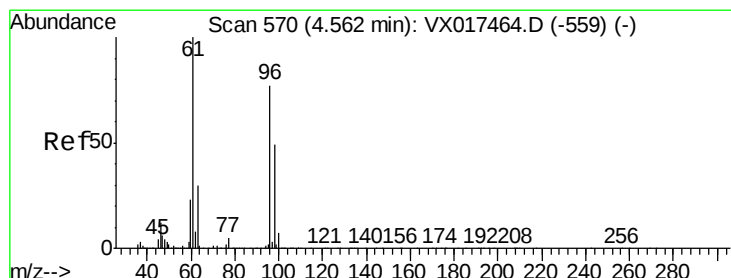
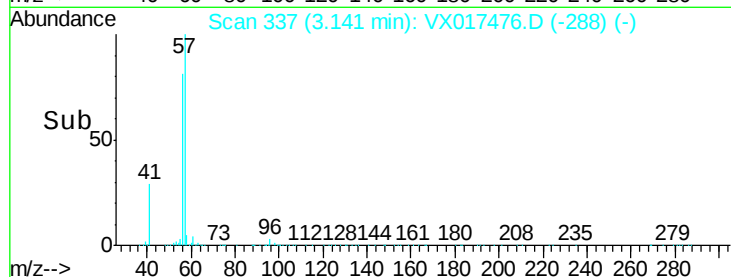
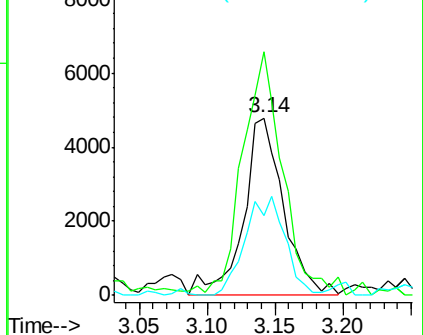
98 44.7 46.4 86.2#



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



#22

cis-1,2-Dichloroethene

Concen: 0.651 ug/L

RT: 4.57 min Scan# 571

Delta R.T. 0.01 min

Lab File: VX017476.D

Acq: 22 Jul 2020 19:31

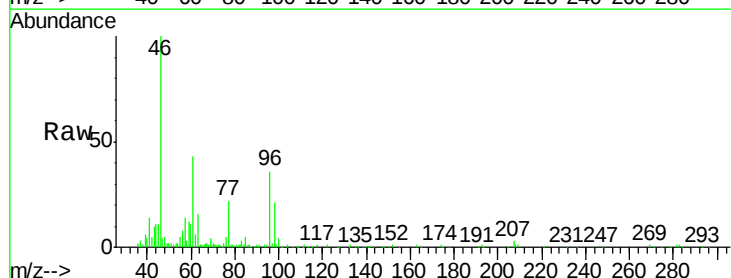
Tgt Ion: 96 Resp: 22331

Ion Ratio Lower Upper

96 100

61 117.5 91.6 170.2

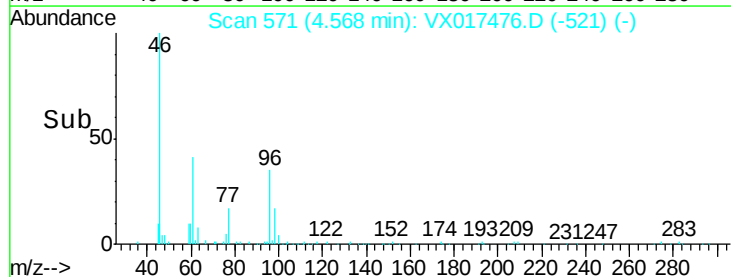
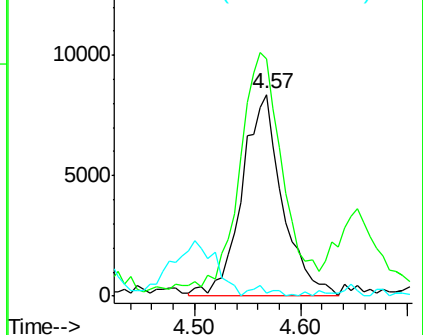
68 1.7 0.0 0.0#

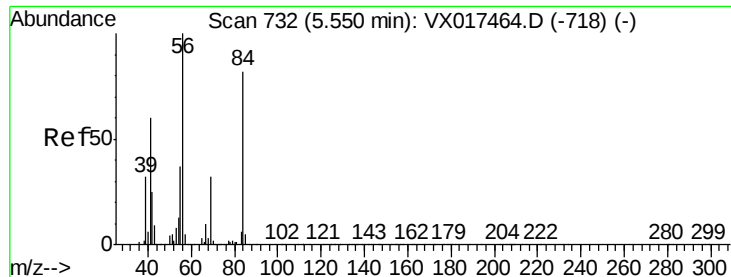


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.05 (60.75 to 61.75): VX0

Ion 68.15 (67.85 to 68.85): VX0

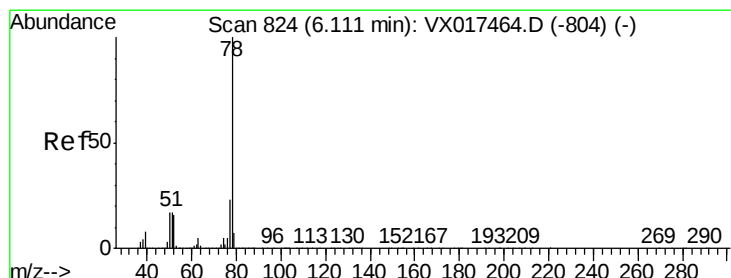
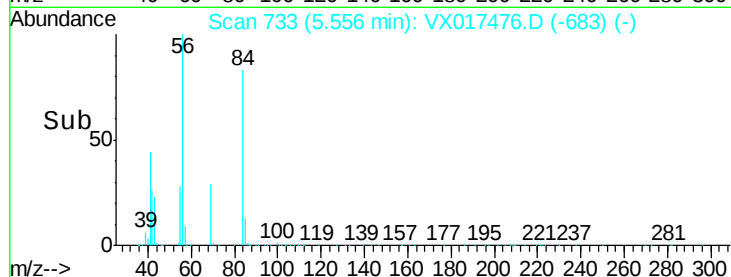
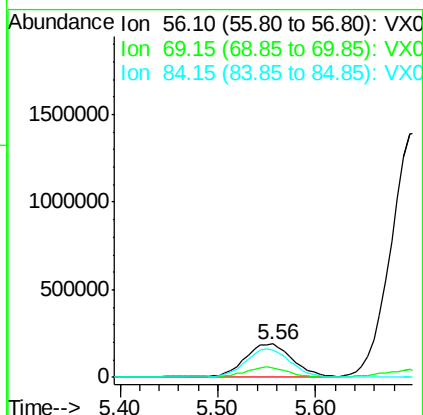
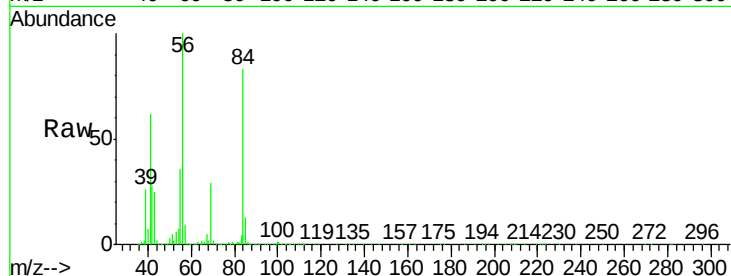




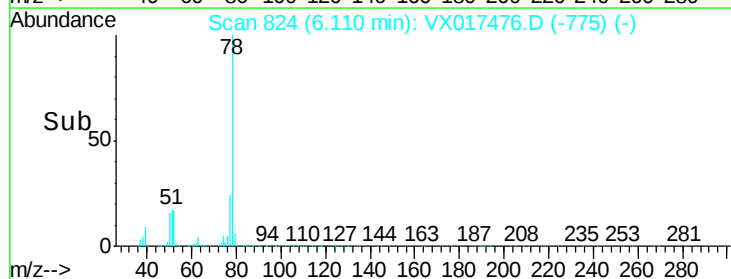
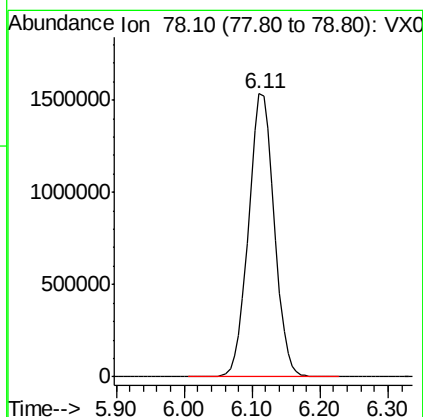
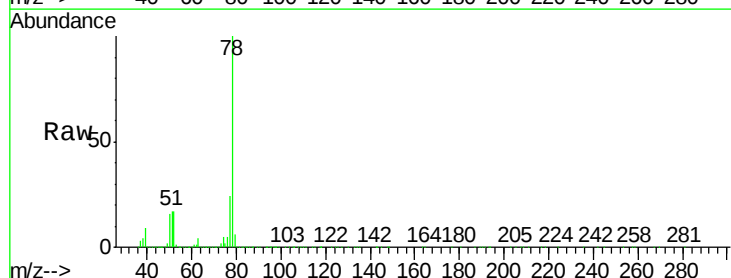
#30
Cyclohexane
Concen: 13.585 ug/L
RT: 5.56 min Scan# 733
Delta R.T. 0.01 min
Lab File: VX017476.D
Acq: 22 Jul 2020 19:31

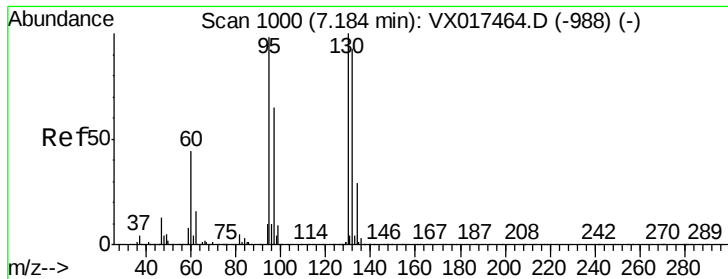
Instrument :
MSVOA_X
ClientSampleId :
GAY25

Tot Ion: 56 Resp: 642254
Ion Ratio Lower Upper
56 100
69 28.4 25.4 38.2
84 81.1 69.3 103.9



#33
Benzene
Concen: 31.577 ug/L
RT: 6.11 min Scan# 824
Delta R.T. -0.00 min
Lab File: VX017476.D
Acq: 22 Jul 2020 19:31
Tgt Ion: 78 Resp: 4049604





#34

Trichloroethene

Concen: 0.653 ug/L

RT: 7.19 min Scan# 1001

Delta R.T. 0.01 min

Lab File: VX017476.D

Acq: 22 Jul 2020 19:31

Instrument :

MSVOA_X

ClientSampleId :

GAY25

Tot Ion: 95 Resp: 22587

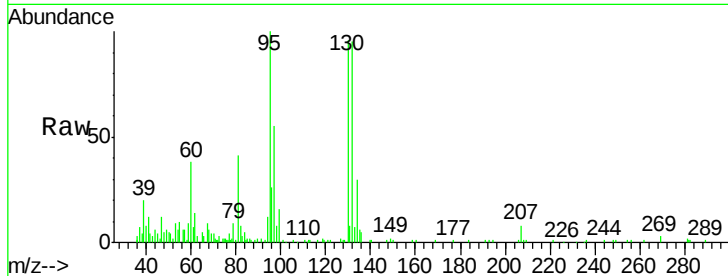
Ion Ratio Lower Upper

95 100

97 55.0 45.9 85.3

132 95.2 65.5 121.7

130 96.2 66.5 123.5

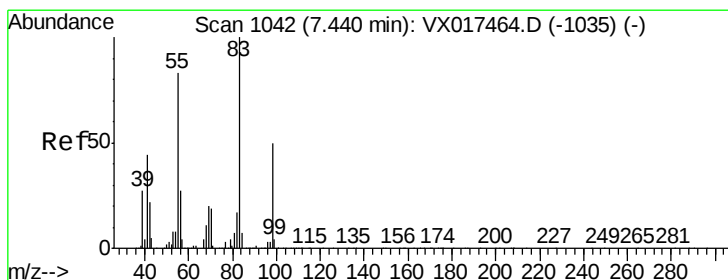
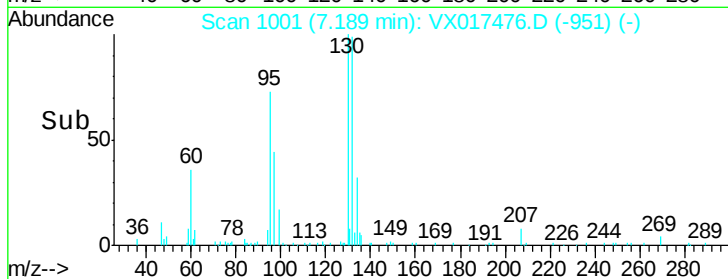
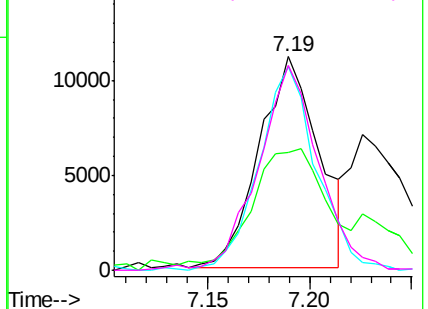


Abundance Ion 95.00 (94.70 to 95.70): VX0

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



#35

Methylcyclohexane

Concen: 6.624 ug/L

RT: 7.44 min Scan# 1042

Delta R.T. -0.00 min

Lab File: VX017476.D

Acq: 22 Jul 2020 19:31

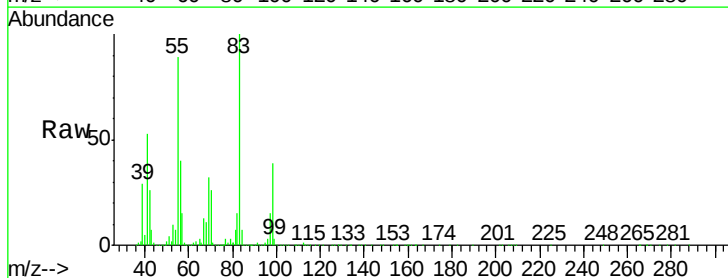
Tgt Ion: 83 Resp: 310129

Ion Ratio Lower Upper

83 100

55 102.5 65.4 98.2#

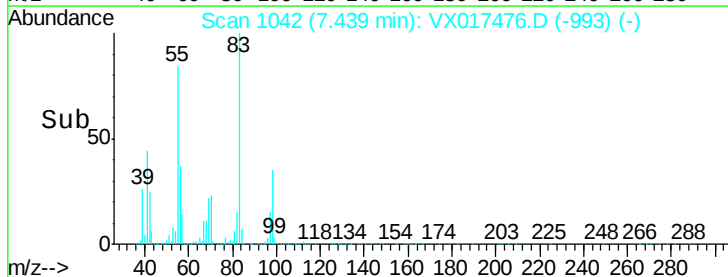
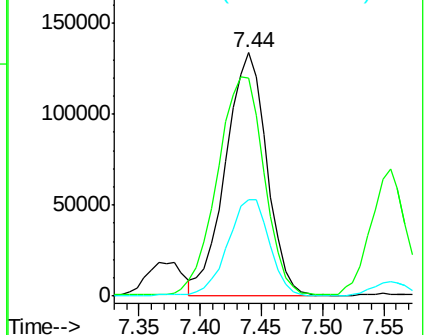
98 41.2 39.8 59.8

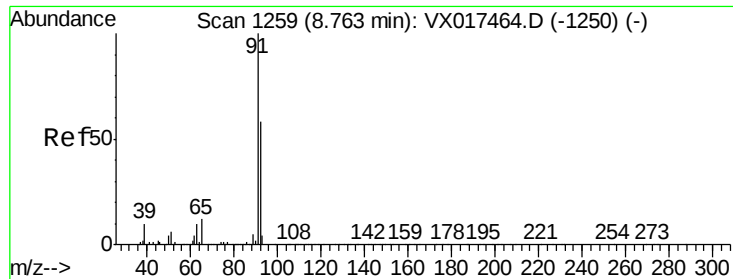


Abundance Ion 83.15 (82.85 to 83.85): VX0

Ion 55.10 (54.80 to 55.80): VX0

Ion 98.15 (97.85 to 98.85): VX0





#42

Toluene

Concen: 7.267 ug/L

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX017476.D

Acq: 22 Jul 2020 19:31

Instrument :

MSVOA_X

ClientSampleId :

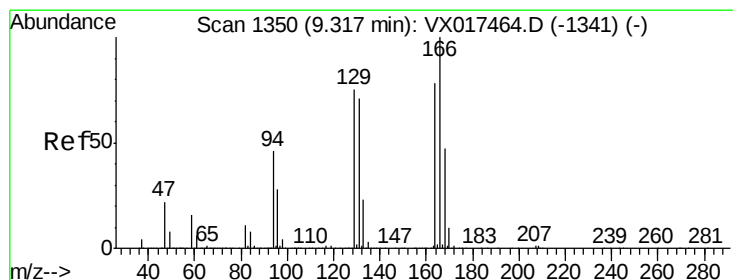
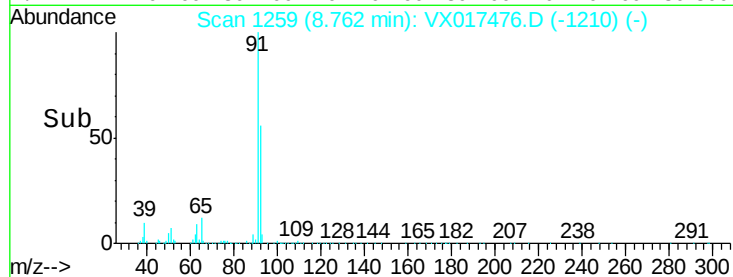
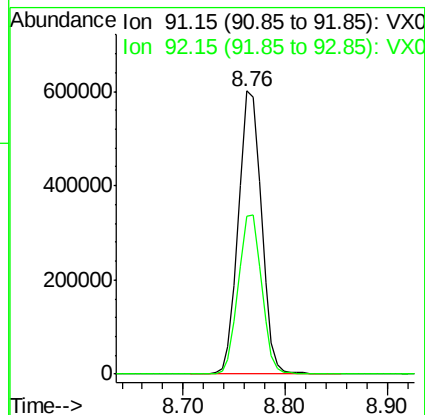
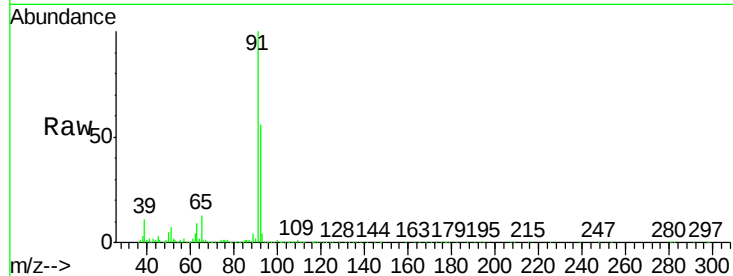
GAY25

Tot Ion: 91 Resp: 934463

Ion Ratio Lower Upper

91 100

92 55.9 39.9 74.1



#49

Tetrachloroethene

Concen: 2.527 ug/L

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX017476.D

Acq: 22 Jul 2020 19:31

Tgt Ion:164 Resp: 71034

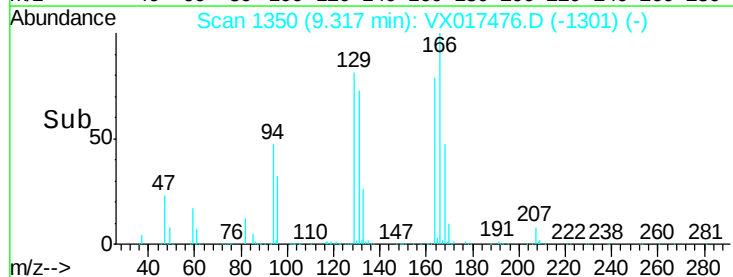
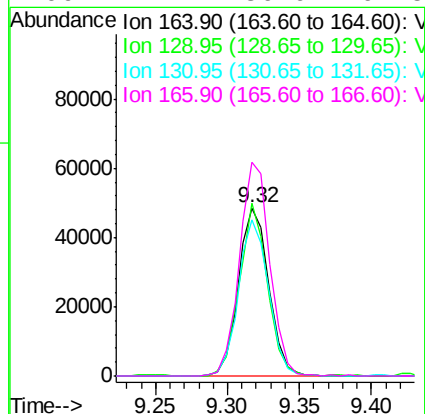
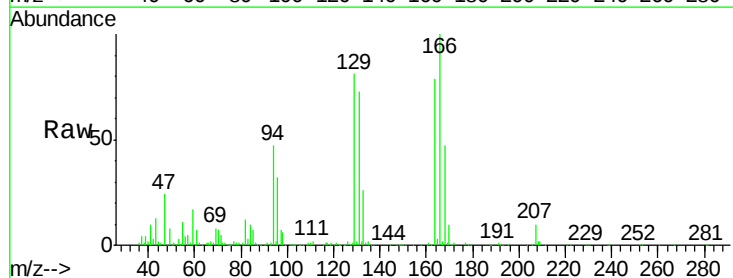
Ion Ratio Lower Upper

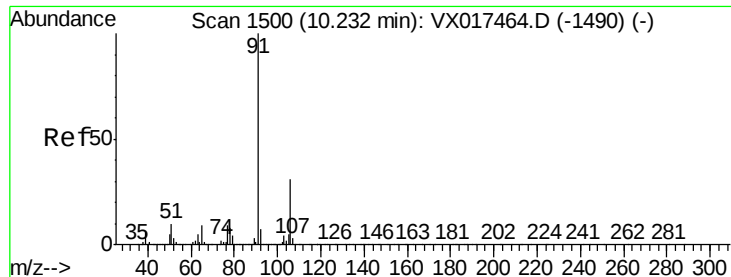
164 100

129 103.5 66.6 123.8

131 93.2 62.6 116.2

166 127.4 86.9 161.5





#54

Ethylbenzene

Concen: 15.789 ug/L

RT: 10.24 min Scan# 1501

Delta R.T. 0.01 min

Lab File: VX017476.D

Acq: 22 Jul 2020 19:31

Instrument :

MSVOA_X

ClientSampled :

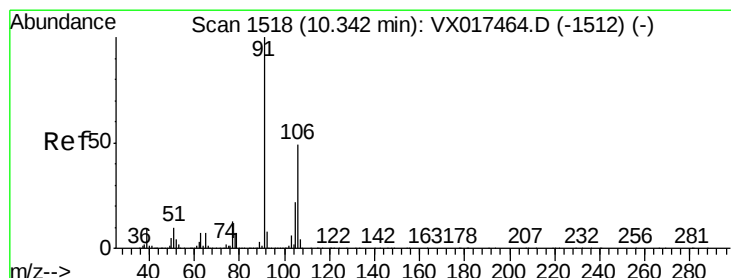
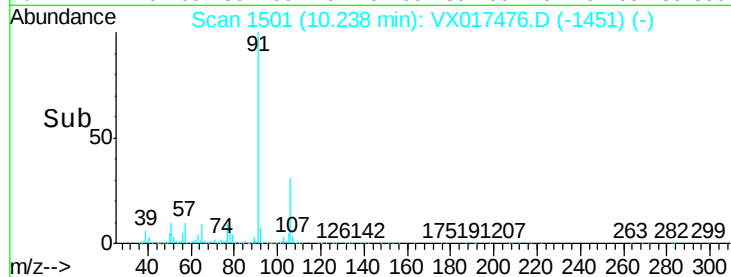
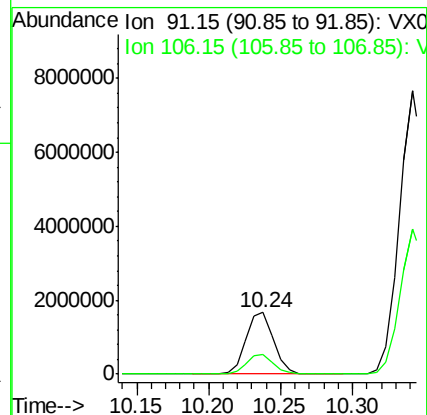
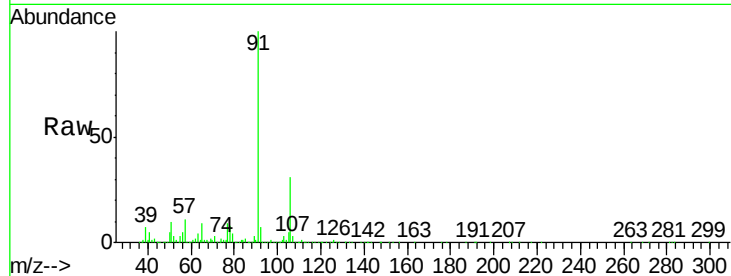
GAY25

Tot Ion: 91 Resp: 2202026

Ion Ratio Lower Upper

91 100

106 31.1 22.5 41.7



#55

m,p-xylene

Concen: 91.297 ug/L

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX017476.D

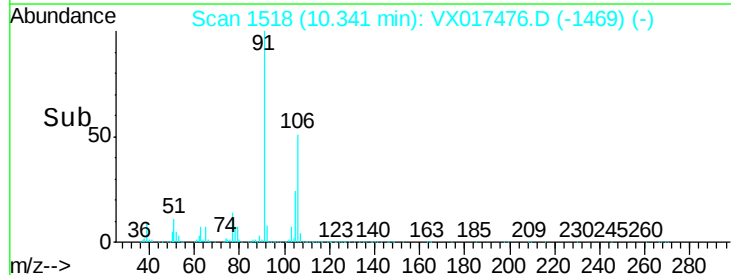
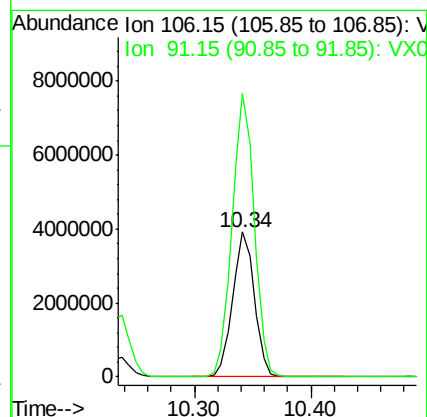
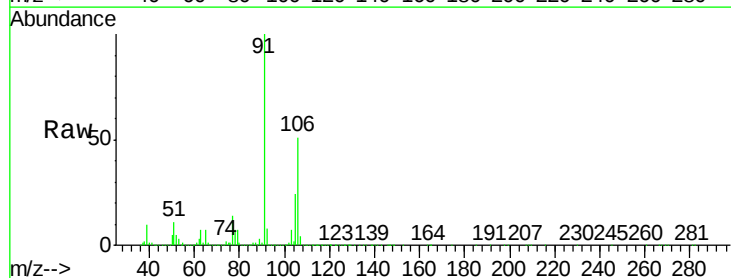
Acq: 22 Jul 2020 19:31

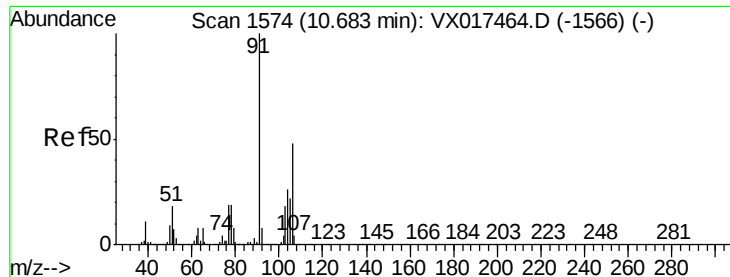
Tgt Ion:106 Resp: 5083561

Ion Ratio Lower Upper

106 100

91 195.5 142.7 264.9

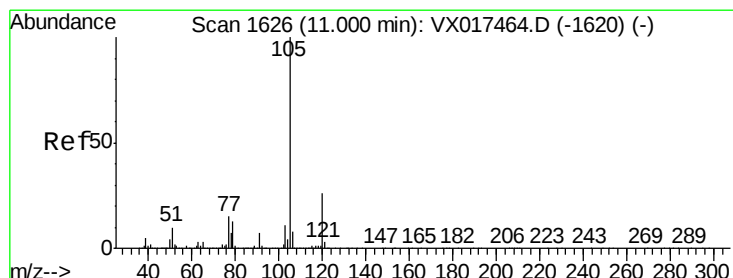
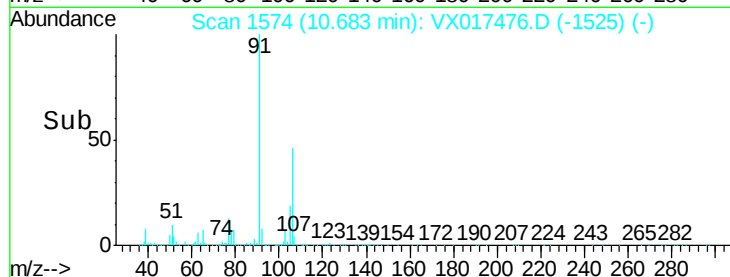
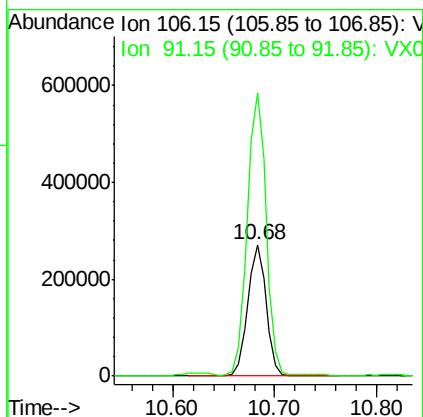
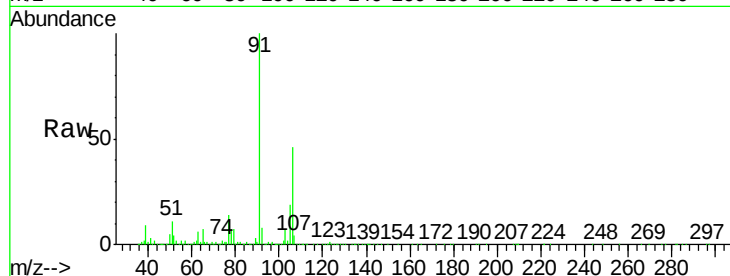




#56
o-xylene
Concen: 6.373 ug/L
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX017476.D
Acq: 22 Jul 2020 19:31

Instrument :
MSVOA_X
ClientSampled :
GAY25

Tot Ion:106 Resp: 344202
Ion Ratio Lower Upper
106 100
91 215.4 153.4 284.8



#58
Isopropylbenzene
Concen: 4.354 ug/L
RT: 11.00 min Scan# 1626
Delta R.T. -0.00 min
Lab File: VX017476.D
Acq: 22 Jul 2020 19:31

Tgt Ion:105 Resp: 607864
Ion Ratio Lower Upper
105 100
120 26.3 21.4 32.2
77 16.7 13.0 19.6

