

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX072220\
 Data File : VX017473.D
 Acq On : 22 Jul 2020 18:18
 Operator : JC/SP
 Sample : L3395-14
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GAY22

Quant Time: Jul 23 04:24:00 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	482812	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	456254	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	215321	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	142564	3.79	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.80%
7) Chloroethane-d5	1.69	69	106820	4.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.40%
11) 1,1-Dichloroethene-d2	2.34	63	211143	2.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.60%#
20) 2-Butanone-d5	4.53	46	347333	49.51	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.02%
24) Chloroform-d	5.14	84	265877	4.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.80%
26) 1,2-Dichloroethane-d4	6.03	65	145099	4.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.80%
32) Benzene-d6	6.05	84	529470	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
36) 1,2-Dichloropropane-d6	7.37	67	162529	4.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.80%
41) Toluene-d8	8.70	98	484858	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.80%
45) trans-1,3-Dichloropropene-	8.99	79	67020	4.64	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.80%
48) 2-Hexanone-d5	9.43	63	264424	51.63	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.26%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	112161	4.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.40%
65) 1,2-Dichlorobenzene-d4	12.36	152	181239	4.98	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.60%

Target Compounds

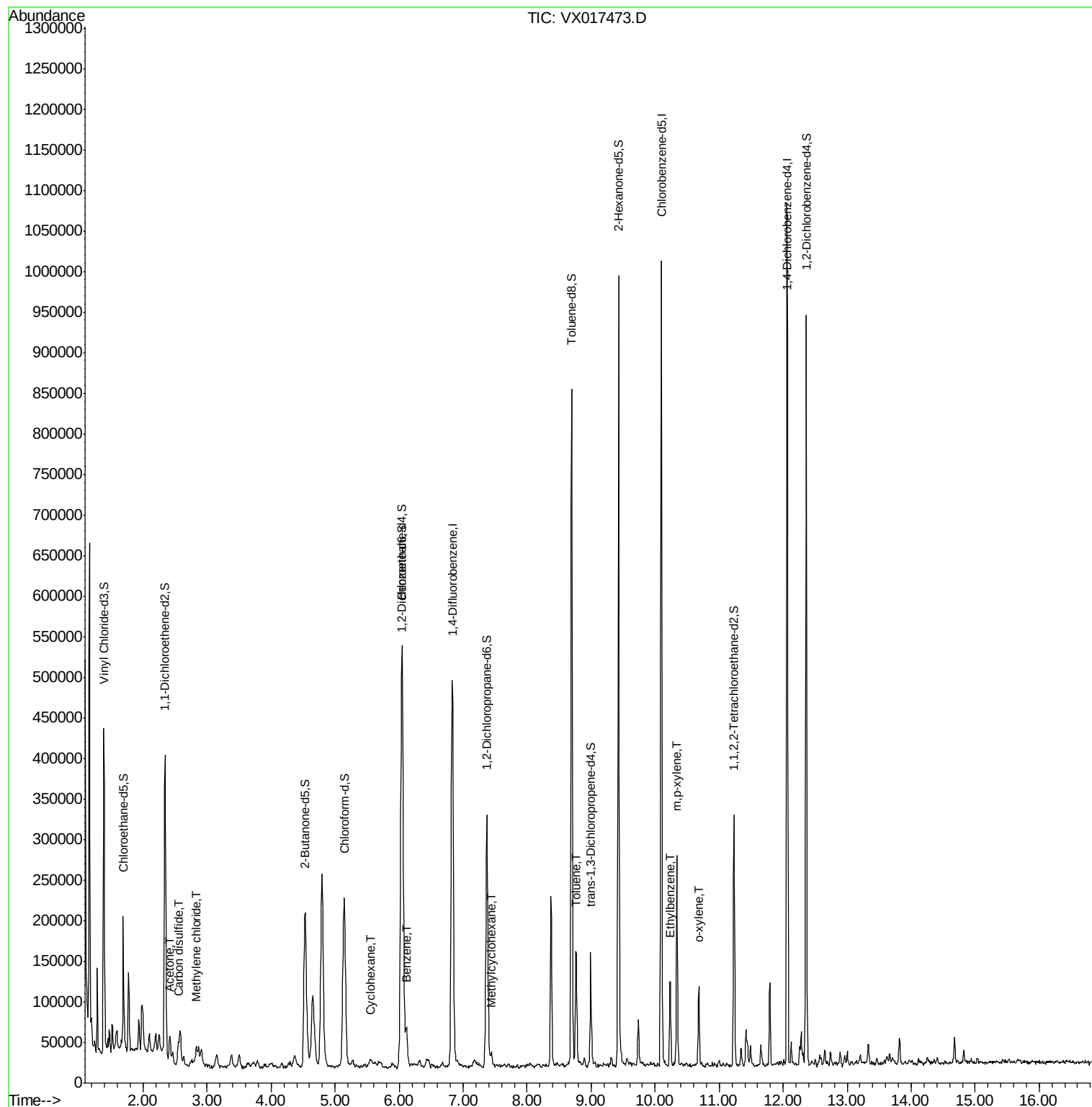
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.42	43	33913	5.991	ug/L	97
14) Carbon disulfide	2.55	76	34645	0.299	ug/L	100
16) Methylene chloride	2.83	84	9463	0.202	ug/L	89
30) Cyclohexane	5.55	56	7126	0.144	ug/L #	85
33) Benzene	6.12	78	53926	0.401	ug/L	100
35) Methylcyclohexane	7.45	83	7123	0.145	ug/L #	88
42) Toluene	8.77	91	93289	0.692	ug/L	98
54) Ethylbenzene	10.23	91	59915	0.410	ug/L	96
55) m,p-xylene	10.34	106	55561	0.952	ug/L	90
56) o-xylene	10.68	106	21393	0.378	ug/L	89

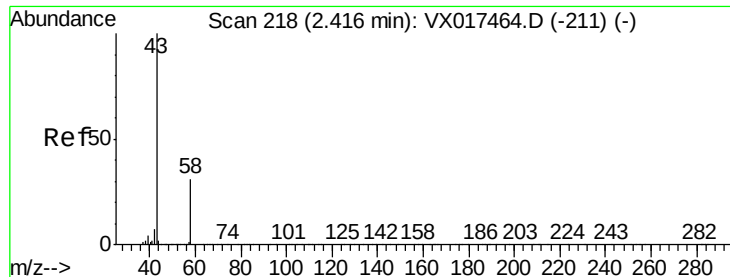
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jul 23 02:59:48 2020
Response via : Initial Calibration





#13

Acetone

Concen: 5.991 ug/L

RT: 2.42 min Scan# 219

Delta R.T. 0.01 min

Lab File: VX017473.D

Acq: 22 Jul 2020 18:18

Instrument :

MSVOA_X

ClientSampleId :

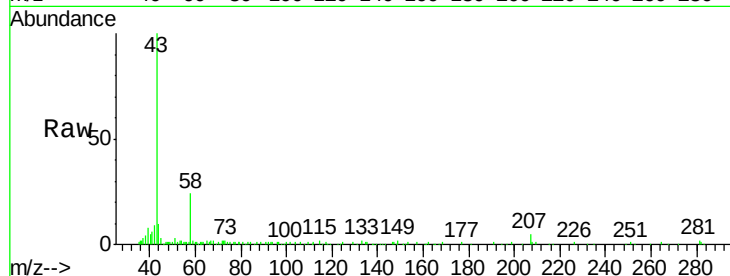
GAY22

Tot Ion: 43 Resp: 33913

Ion Ratio Lower Upper

43 100

58 31.0 0.0 58.6



Abundance Ion 43.05 (42.75 to 43.75): VX0

Ion 58.05 (57.75 to 58.75): VX0

20000

15000

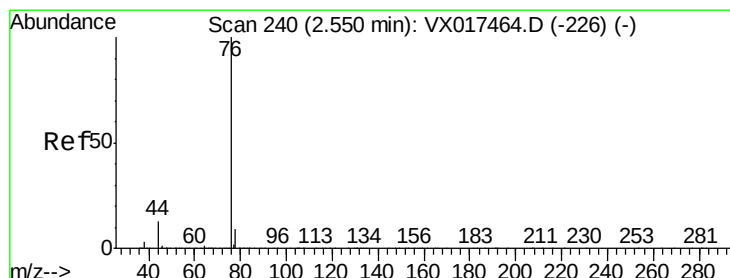
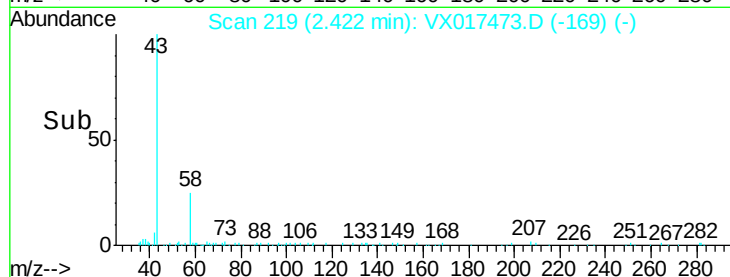
10000

5000

0

2.35 2.40 2.45 2.50

Time-->



#14

Carbon disulfide

Concen: 0.299 ug/L

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX017473.D

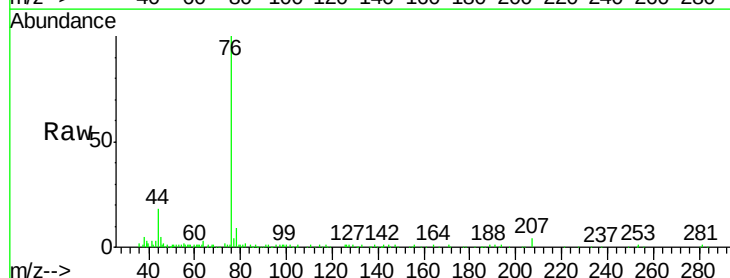
Acq: 22 Jul 2020 18:18

Tgt Ion: 76 Resp: 34645

Ion Ratio Lower Upper

76 100

78 9.3 7.3 10.9



Abundance Ion 76.05 (75.75 to 76.75): VX0

Ion 78.00 (77.70 to 78.70): VX0

25000

20000

15000

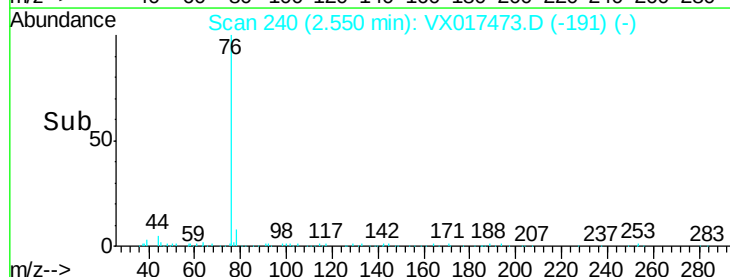
10000

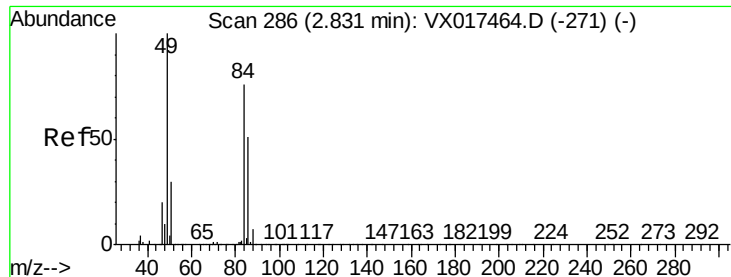
5000

0

2.45 2.50 2.55 2.60 2.65

Time-->

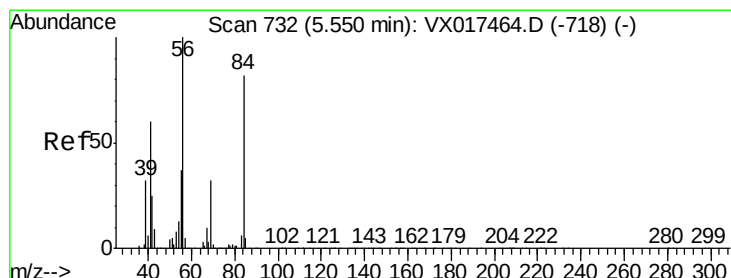
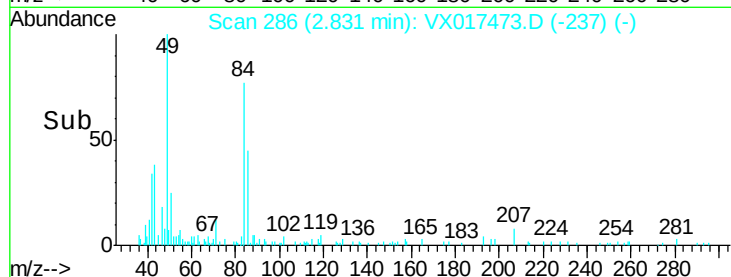
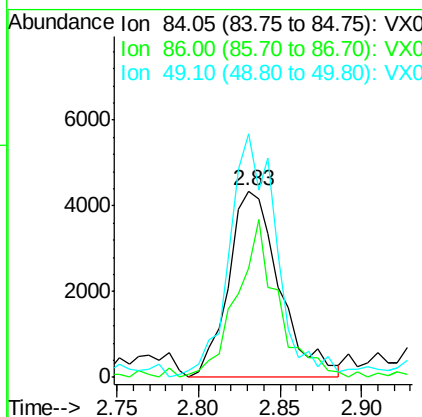
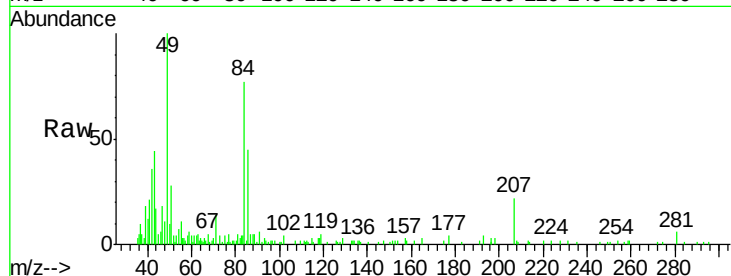




#16
Methylene chloride
Concen: 0.202 ug/L
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX017473.D
Acq: 22 Jul 2020 18:18

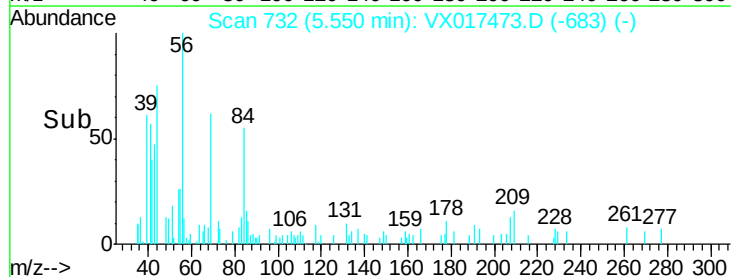
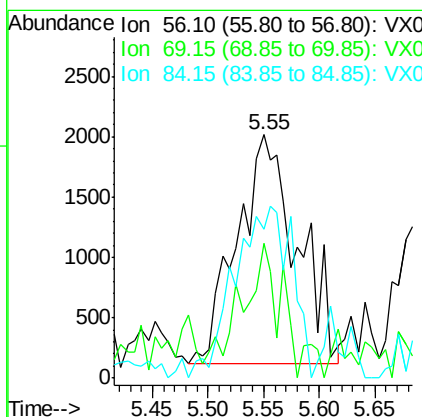
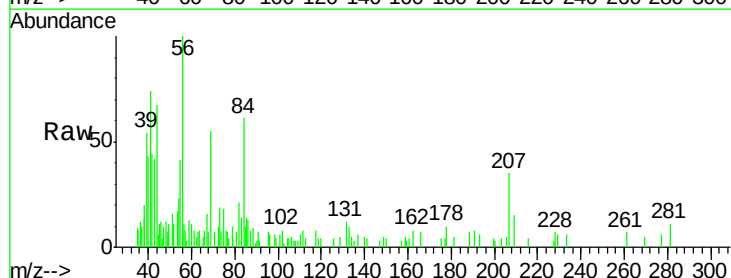
Instrument :
MSVOA_X
ClientSampled :
GAY22

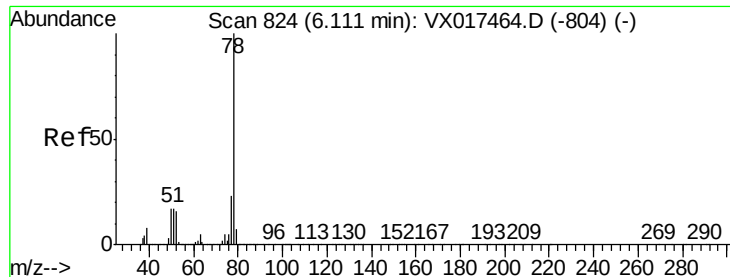
Tot Ion: 84 Resp: 9463
Ion Ratio Lower Upper
84 100
86 58.3 44.8 83.2
49 130.6 81.0 150.4



#30
Cyclohexane
Concen: 0.144 ug/L
RT: 5.55 min Scan# 732
Delta R.T. -0.00 min
Lab File: VX017473.D
Acq: 22 Jul 2020 18:18

Tgt Ion: 56 Resp: 7126
Ion Ratio Lower Upper
56 100
69 38.5 25.4 38.2#
84 71.7 69.3 103.9





#33

Benzene

Concen: 0.401 ug/L

RT: 6.12 min Scan# 825

Delta R.T. 0.01 min

Lab File: VX017473.D

Acq: 22 Jul 2020 18:18

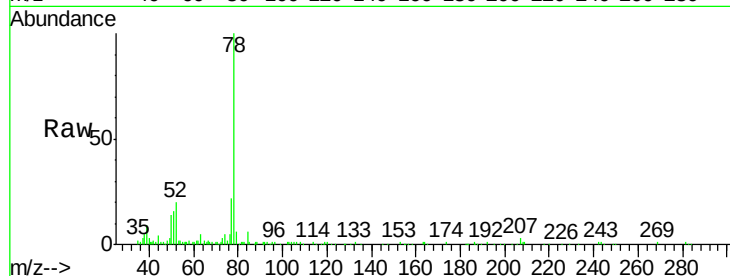
Instrument :

MSVOA_X

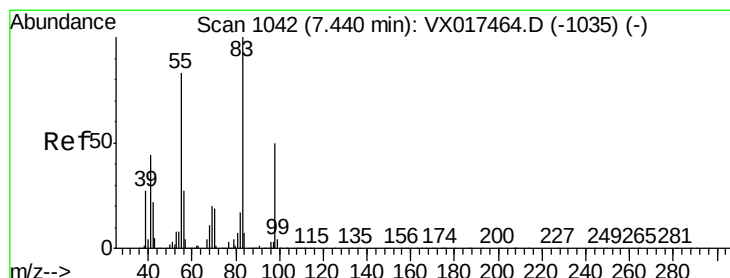
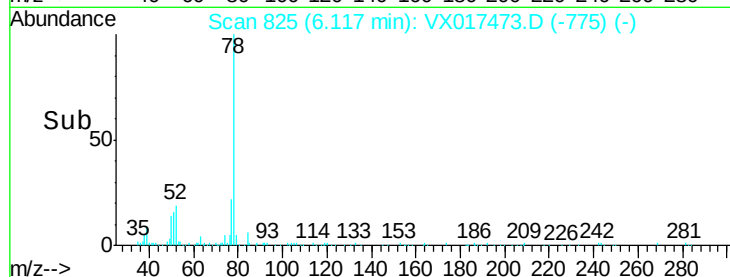
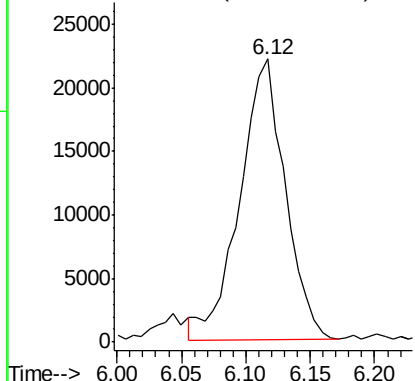
ClientSampleId :

GAY22

Tgt Ion: 78 Resp: 53926



Abundance Ion 78.10 (77.80 to 78.80): VX0



#35

Methylcyclohexane

Concen: 0.145 ug/L

RT: 7.45 min Scan# 1043

Delta R.T. 0.01 min

Lab File: VX017473.D

Acq: 22 Jul 2020 18:18

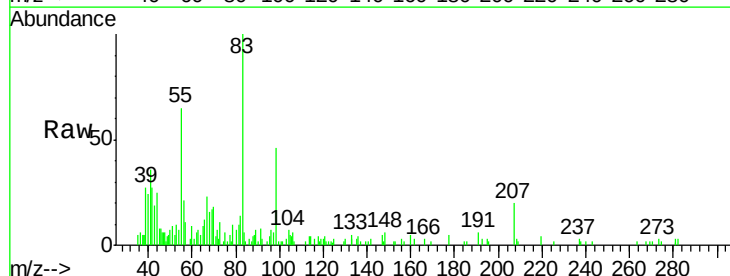
Tgt Ion: 83 Resp: 7123

Ion Ratio Lower Upper

83 100

55 91.4 65.4 98.2

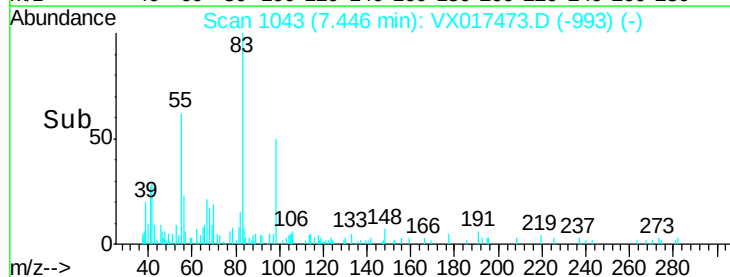
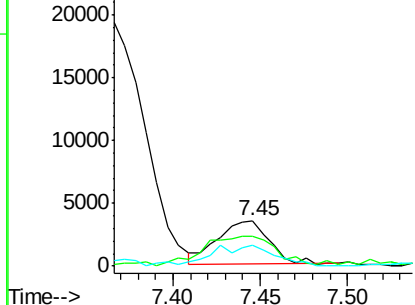
98 60.3 39.8 59.8#

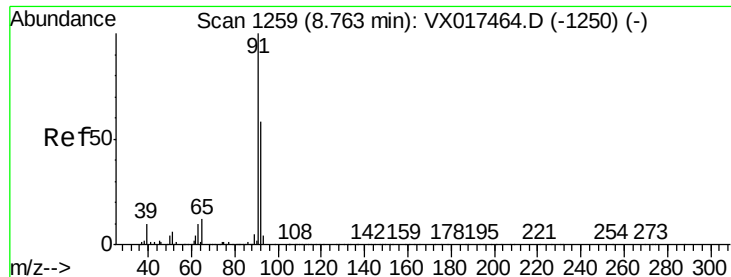


Abundance Ion 83.15 (82.85 to 83.85): VX0

Ion 55.10 (54.80 to 55.80): VX0

Ion 98.15 (97.85 to 98.85): VX0





#42

Toluene

Concen: 0.692 ug/L

RT: 8.77 min Scan# 1260

Delta R.T. 0.01 min

Lab File: VX017473.D

Acq: 22 Jul 2020 18:18

Instrument :

MSVOA_X

ClientSampleId :

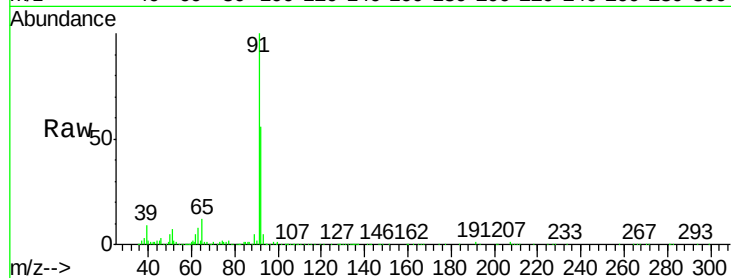
GAY22

Tot Ion: 91 Resp: 93289

Ion Ratio Lower Upper

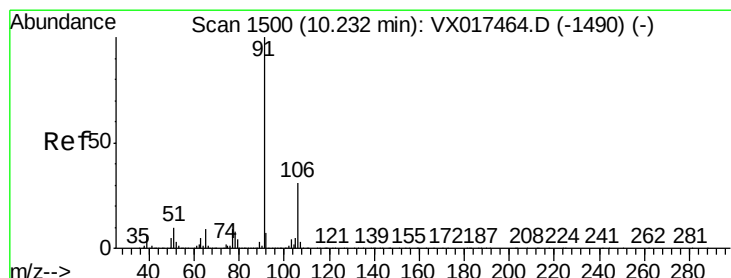
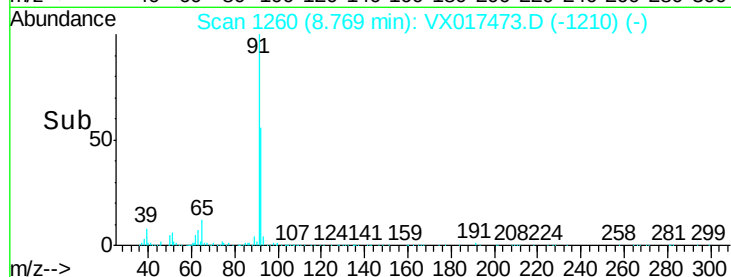
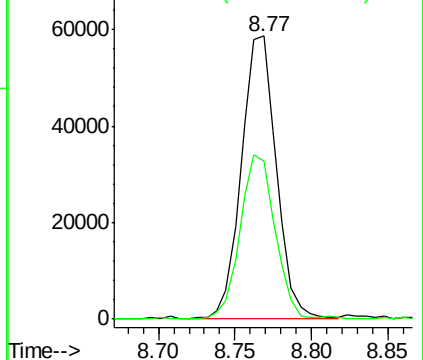
91 100

92 55.8 39.9 74.1



Abundance Ion 91.15 (90.85 to 91.85): VX0

Ion 92.15 (91.85 to 92.85): VX0



#54

Ethylbenzene

Concen: 0.410 ug/L

RT: 10.23 min Scan# 1500

Delta R.T. -0.00 min

Lab File: VX017473.D

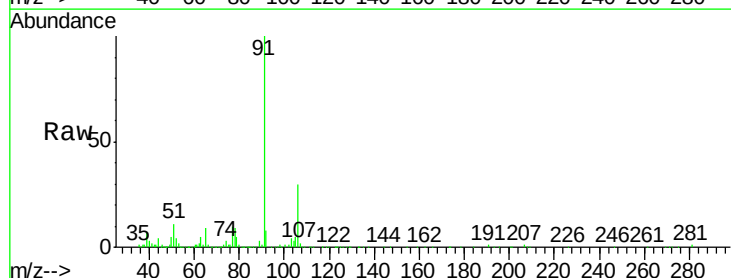
Acq: 22 Jul 2020 18:18

Tgt Ion: 91 Resp: 59915

Ion Ratio Lower Upper

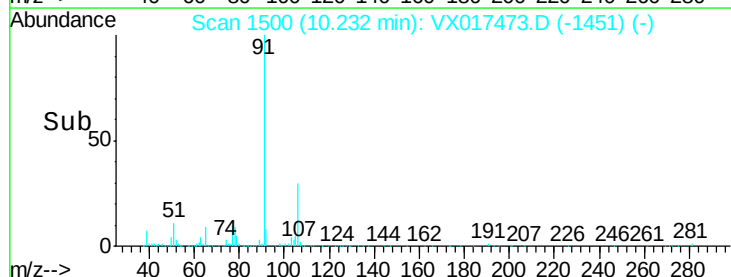
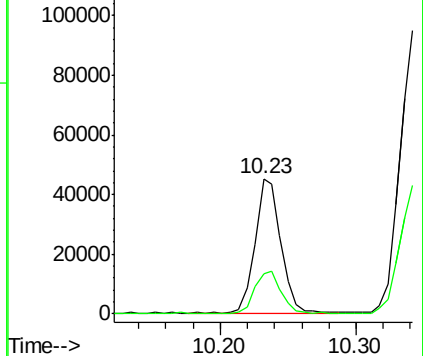
91 100

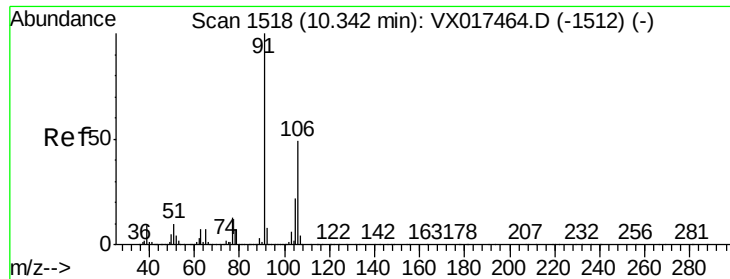
106 29.6 22.5 41.7



Abundance Ion 91.15 (90.85 to 91.85): VX0

Ion 106.15 (105.85 to 106.85): V





#55

m,p-xylene

Concen: 0.952 ug/L

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX017473.D

Acq: 22 Jul 2020 18:18

Instrument :

MSVOA_X

ClientSampled :

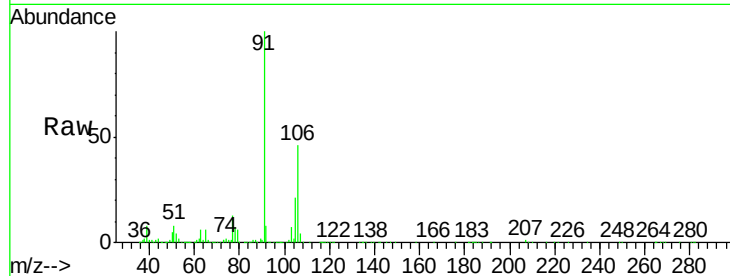
GAY22

Tot Ion:106 Resp: 55561

Ion Ratio Lower Upper

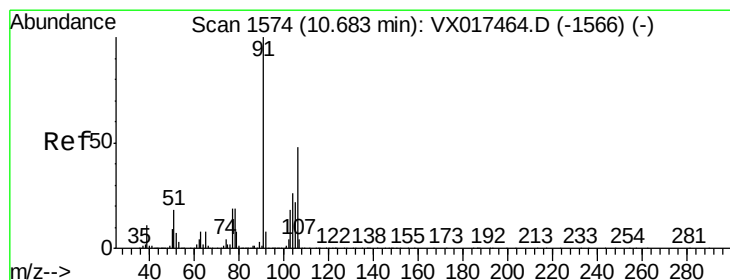
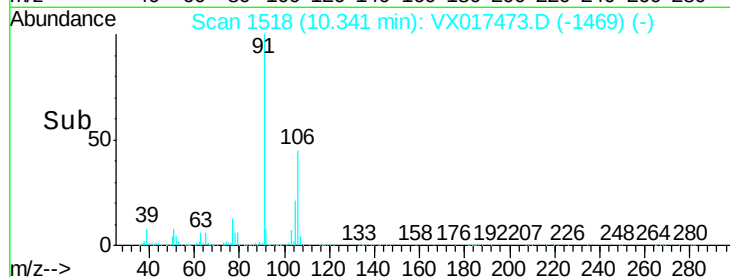
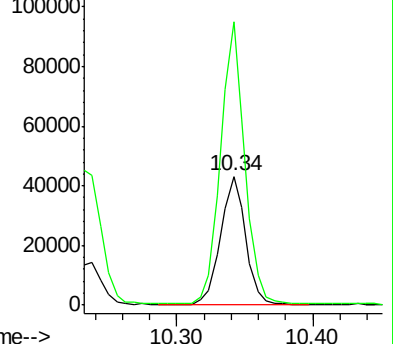
106 100

91 219.5 142.7 264.9



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VX0



#56

o-xylene

Concen: 0.378 ug/L

RT: 10.68 min Scan# 1574

Delta R.T. -0.00 min

Lab File: VX017473.D

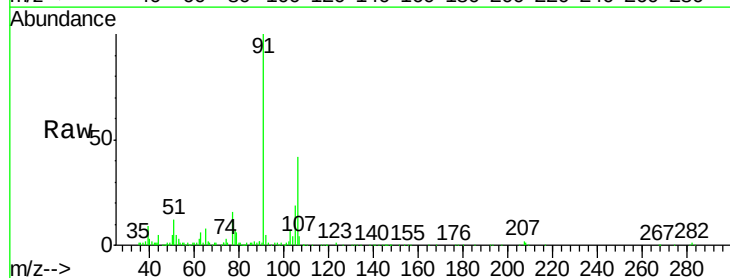
Acq: 22 Jul 2020 18:18

Tgt Ion:106 Resp: 21393

Ion Ratio Lower Upper

106 100

91 236.8 153.4 284.8



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VX0

