

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072220\
 Data File : VX017475.D
 Acq On : 22 Jul 2020 19:07
 Operator : JC/SP
 Sample : L3395-16
 Misc : 25.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GAY24

Quant Time: Jul 23 04:35:46 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	510677	5.00	ug/L	0.00
28) Chlorobenzene-d5	10.10	117	464871	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	12.06	152	230845	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	150364	3.78	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.60%
7) Chloroethane-d5	1.69	69	115269	4.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.00%
11) 1,1-Dichloroethene-d2	2.34	63	221002	2.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.00%#
20) 2-Butanone-d5	4.53	46	389766	52.53	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.06%
24) Chloroform-d	5.14	84	289937	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.40%
26) 1,2-Dichloroethane-d4	6.03	65	159318	4.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.80%
32) Benzene-d6	6.05	84	576776	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.20%
36) 1,2-Dichloropropane-d6	7.37	67	179826	5.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.20%
41) Toluene-d8	8.70	98	545405	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.00%
45) trans-1,3-Dichloropropene-	8.99	79	72314	4.91	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.20%
48) 2-Hexanone-d5	9.43	63	293385	56.22	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.44%
59) 1,1,2,2-Tetrachloroethane-	11.23	84	127405	4.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.40%
65) 1,2-Dichlorobenzene-d4	12.36	152	205331	5.26	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.20%

Target Compounds

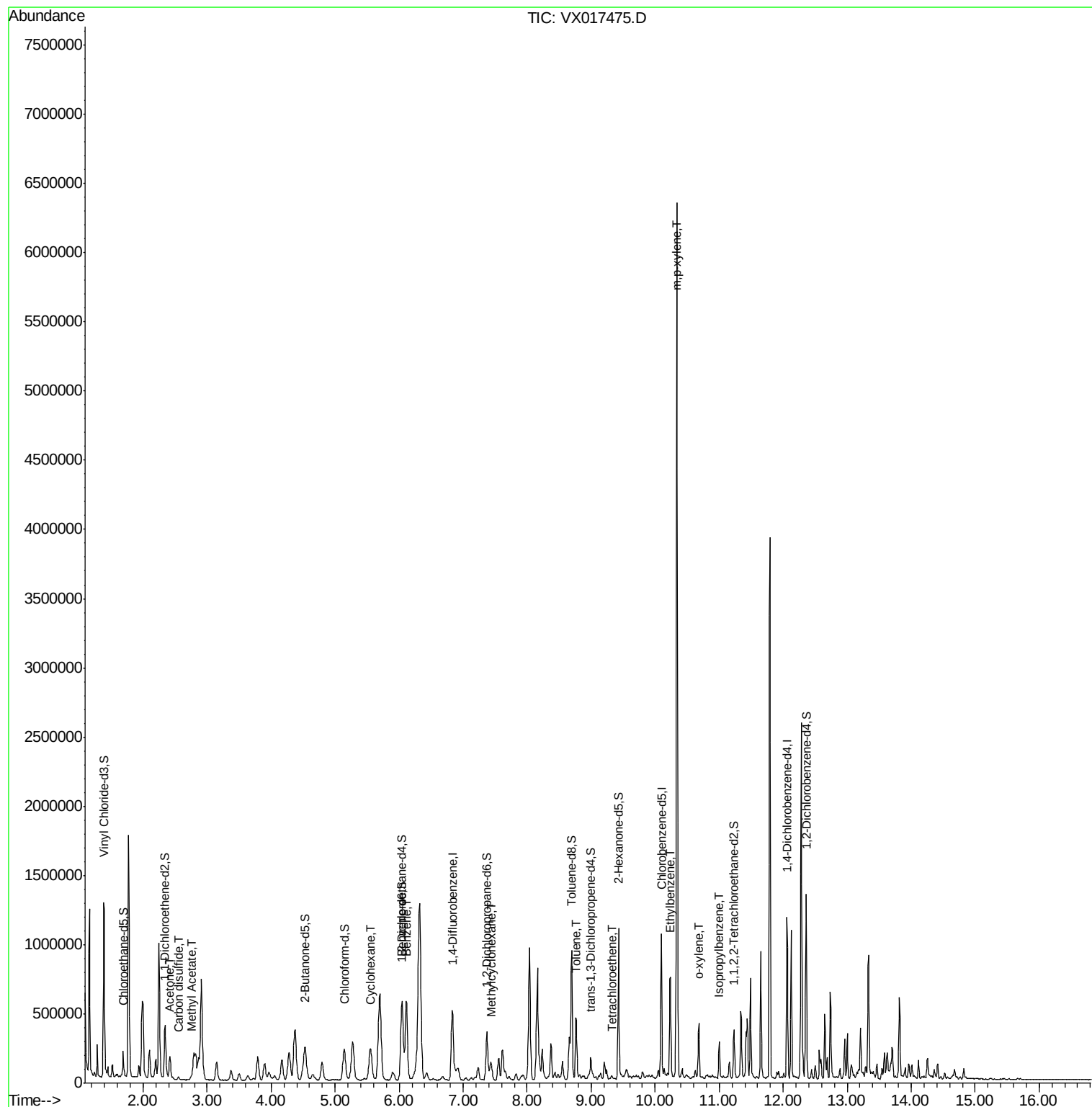
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.42	43	172252	28.770	ug/L	99
14) Carbon disulfide	2.55	76	26086	0.213	ug/L	99
15) Methyl Acetate	2.75	43	22561	1.294	ug/L	95
30) Cyclohexane	5.54	56	162114	3.212	ug/L	96
33) Benzene	6.11	78	691267	5.049	ug/L	100
35) Methylcyclohexane	7.44	83	50536	1.011	ug/L #	84
42) Toluene	8.76	91	295911	2.156	ug/L	98
49) Tetrachloroethene	9.33	164	4020	0.134	ug/L #	60
54) Ethylbenzene	10.23	91	390026	2.620	ug/L	99
55) m,p-xylene	10.34	106	1411881	23.753	ug/L	100
56) o-xylene	10.68	106	80211	1.391	ug/L	96
58) Isopropylbenzene	11.00	105	133100	0.893	ug/L	97

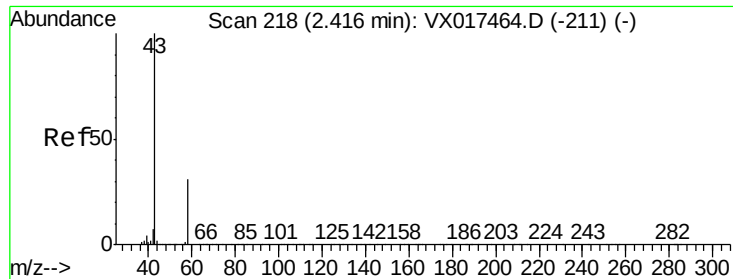
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 28.770 ug/L

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX017475.D

Acq: 22 Jul 2020 19:07

Instrument :

MSVOA_X

ClientSampleId :

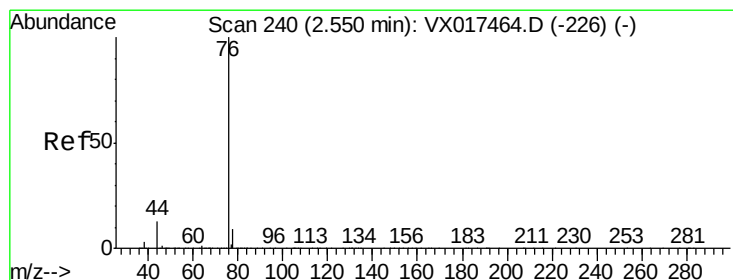
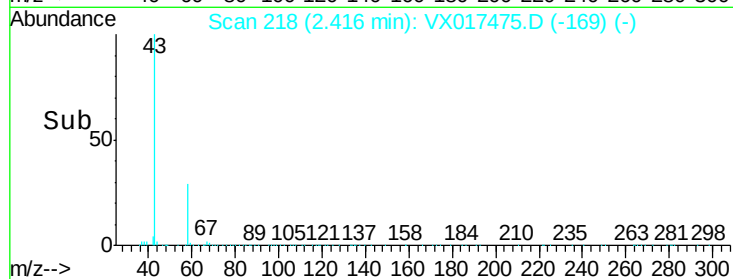
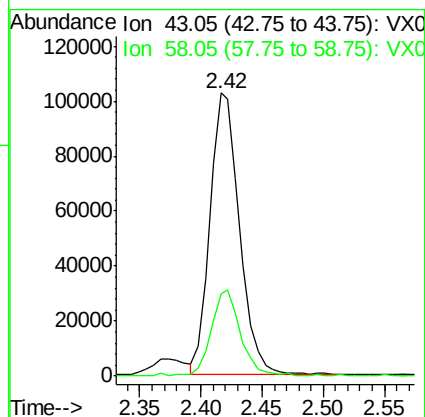
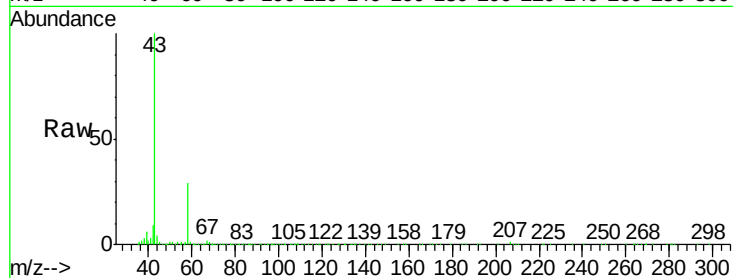
GAY24

Tot Ion: 43 Resp: 172252

Ion Ratio Lower Upper

43 100

58 29.7 0.0 58.6



#14

Carbon disulfide

Concen: 0.213 ug/L

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX017475.D

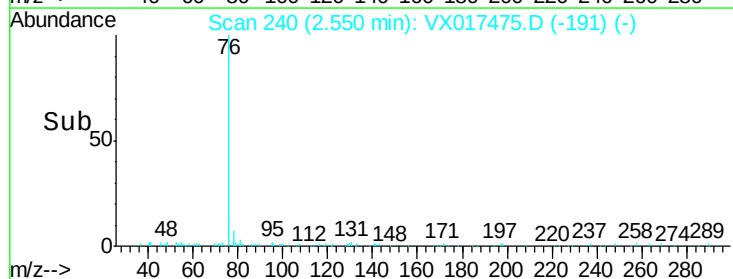
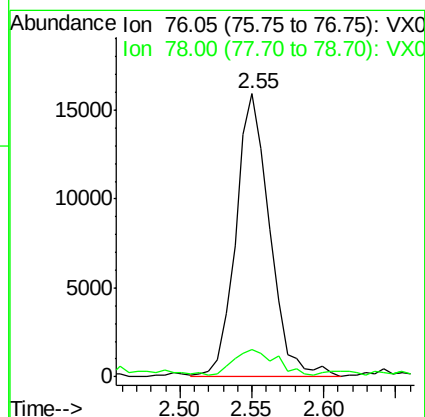
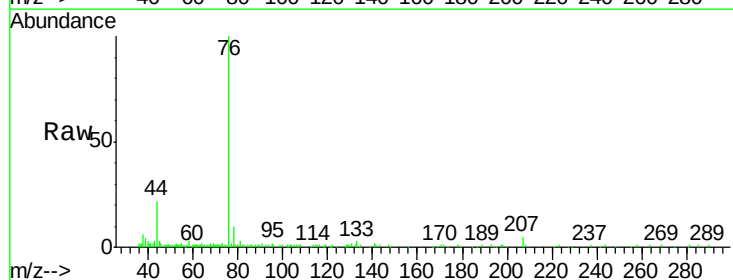
Acq: 22 Jul 2020 19:07

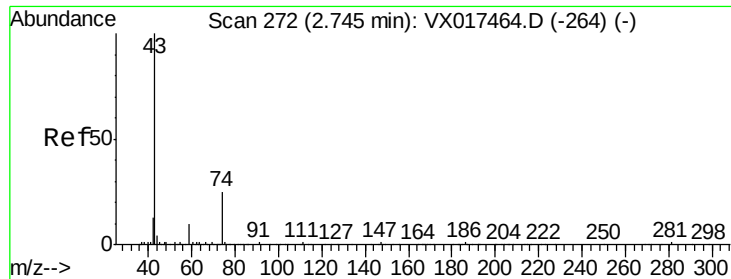
Tgt Ion: 76 Resp: 26086

Ion Ratio Lower Upper

76 100

78 9.6 7.3 10.9

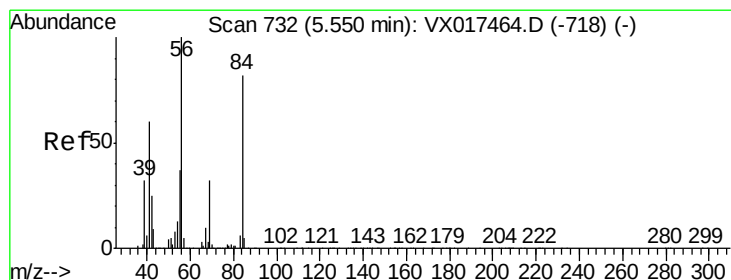
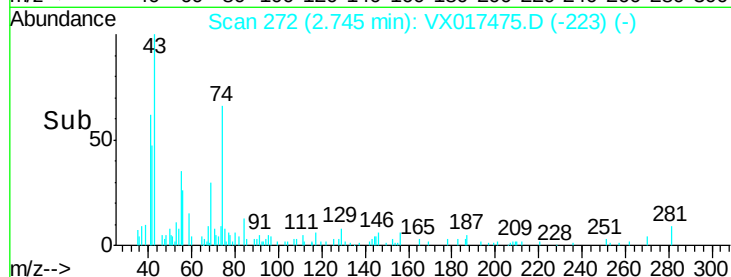
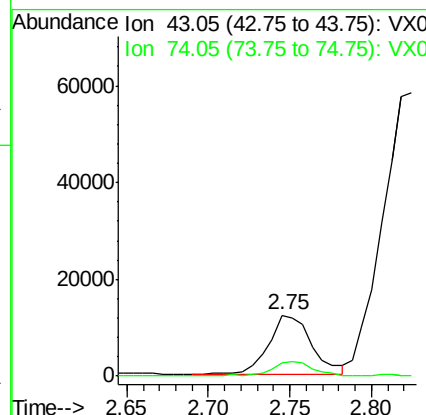
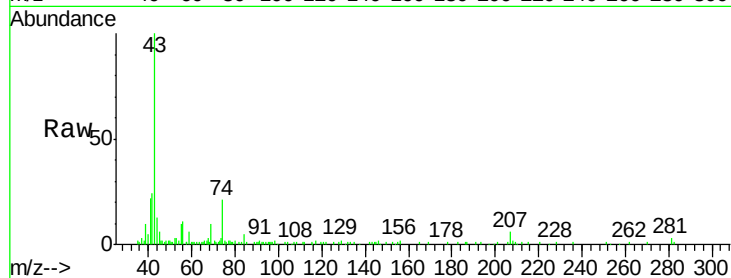




#15
Methvl Acetate
Concen: 1.294 ug/L
RT: 2.75 min Scan# 272
Delta R.T. -0.00 min
Lab File: VX017475.D
Acq: 22 Jul 2020 19:07

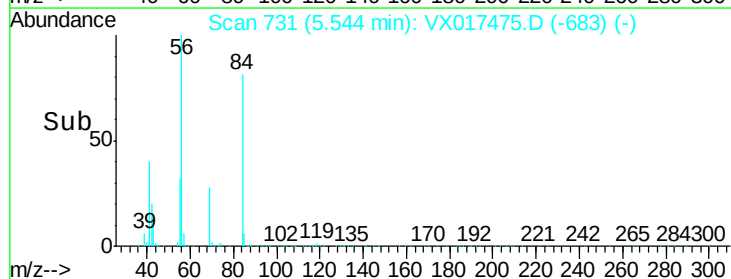
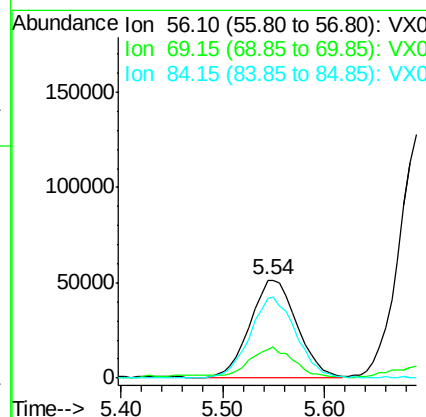
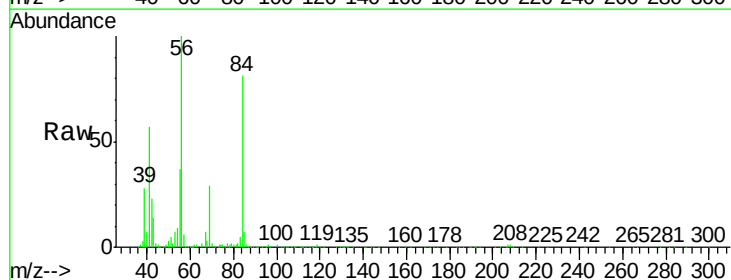
Instrument :
MSVOA_X
ClientSampleId :
GAY24

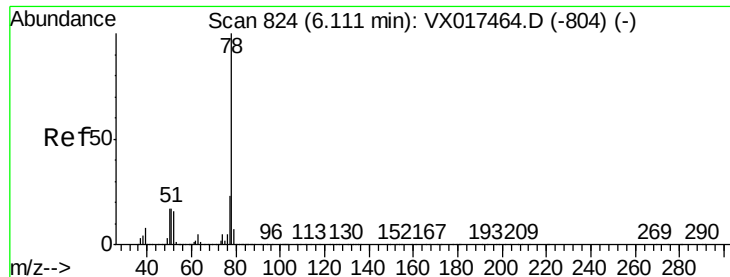
Tot Ion: 43 Resp: 22561
Ion Ratio Lower Upper
43 100
74 24.5 17.6 26.4



#30
Cyclohexane
Concen: 3.212 ug/L
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX017475.D
Acq: 22 Jul 2020 19:07

Tgt Ion: 56 Resp: 162114
Ion Ratio Lower Upper
56 100
69 30.0 25.4 38.2
84 82.3 69.3 103.9





#33

Benzene

Concen: 5.049 ug/L

RT: 6.11 min Scan# 824

Delta R.T. -0.00 min

Lab File: VX017475.D

Acq: 22 Jul 2020 19:07

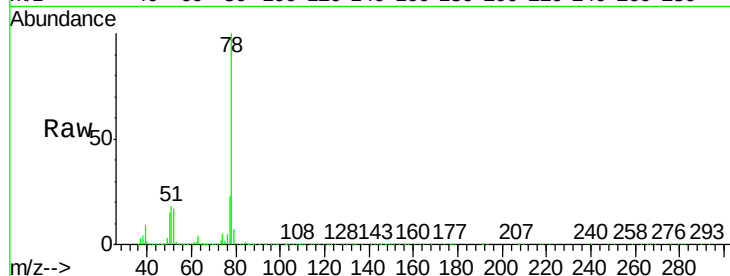
Instrument :

MSVOA_X

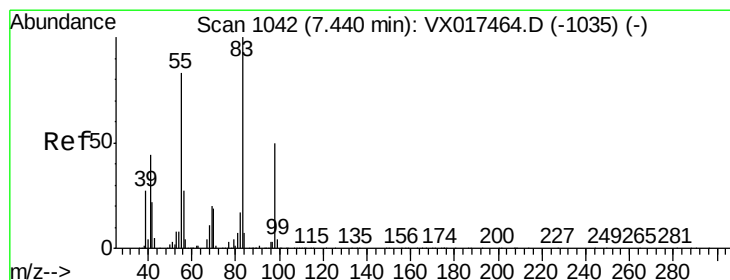
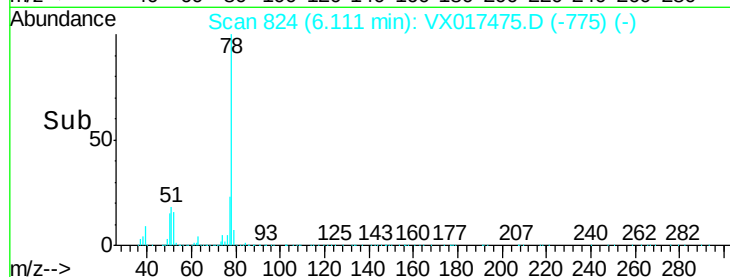
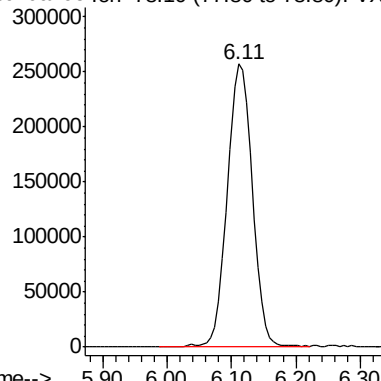
ClientSampled :

GAY24

Tgt Ion: 78 Resp: 691267



Abundance Ion 78.10 (77.80 to 78.80): VX0



#35

Methylcyclohexane

Concen: 1.011 ug/L

RT: 7.44 min Scan# 1042

Delta R.T. -0.00 min

Lab File: VX017475.D

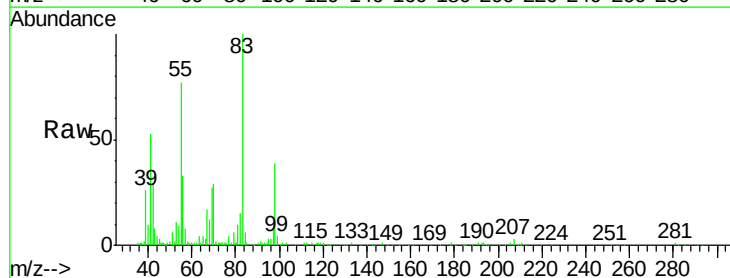
Acq: 22 Jul 2020 19:07

Tgt Ion: 83 Resp: 50536

Ion	Ratio	Lower	Upper
83	100		
55	98.9	65.4	98.2#
98	43.3	39.8	59.8

55 98.9 65.4 98.2#

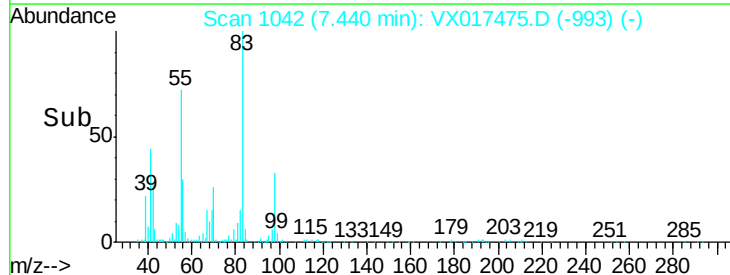
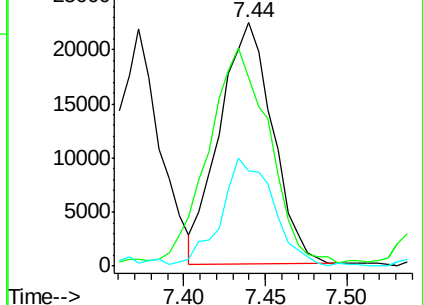
98 43.3 39.8 59.8

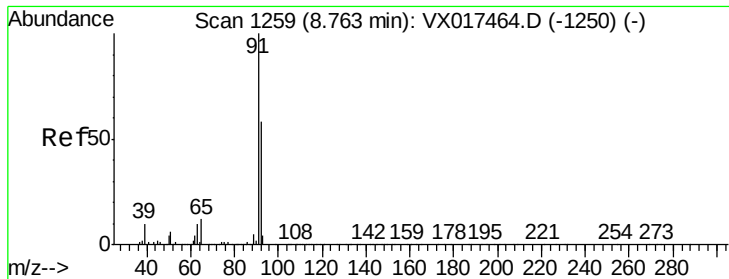


Abundance Ion 83.15 (82.85 to 83.85): VX0

Ion 55.10 (54.80 to 55.80): VX0

Ion 98.15 (97.85 to 98.85): VX0





#42

Toluene

Concen: 2.156 ug/L

RT: 8.76 min Scan# 1259

Delta R.T. -0.00 min

Lab File: VX017475.D

Acq: 22 Jul 2020 19:07

Instrument :

MSVOA_X

ClientSampleId :

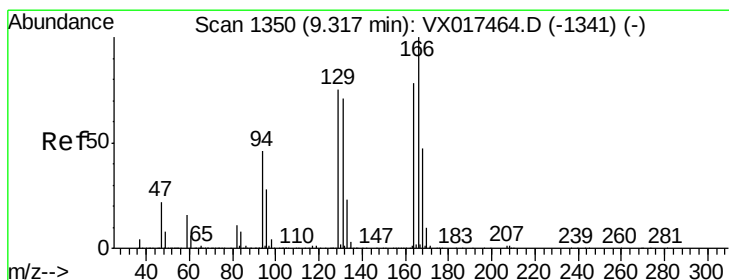
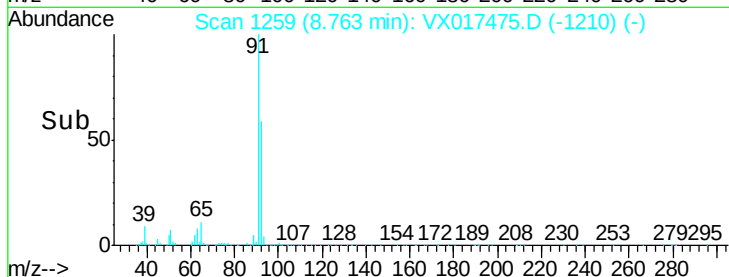
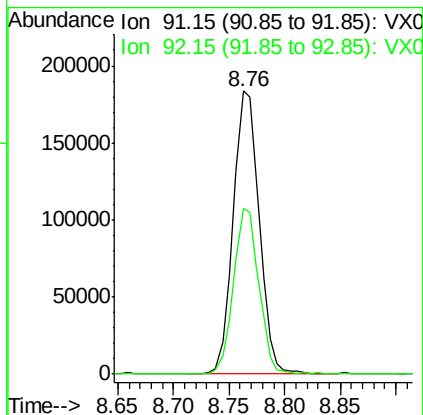
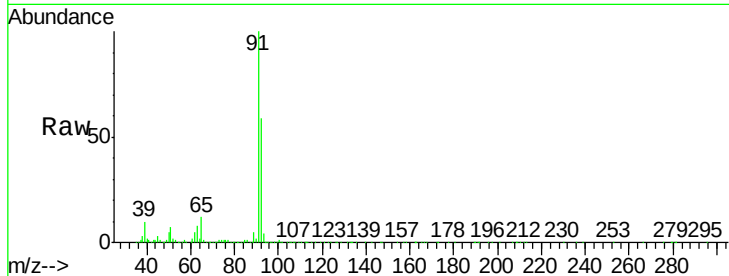
GAY24

Tot Ion: 91 Resp: 295911

Ion Ratio Lower Upper

91 100

92 58.7 39.9 74.1



#49

Tetrachloroethene

Concen: 0.134 ug/L

RT: 9.33 min Scan# 1352

Delta R.T. 0.01 min

Lab File: VX017475.D

Acq: 22 Jul 2020 19:07

Tgt Ion: 164 Resp: 4020

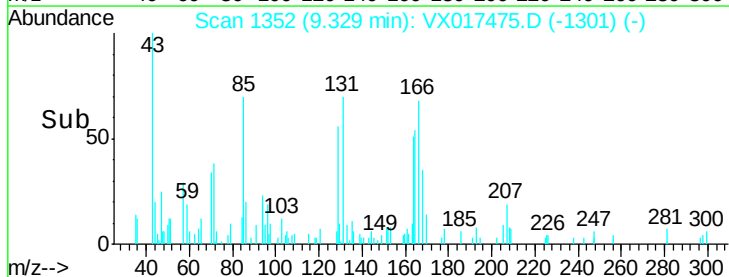
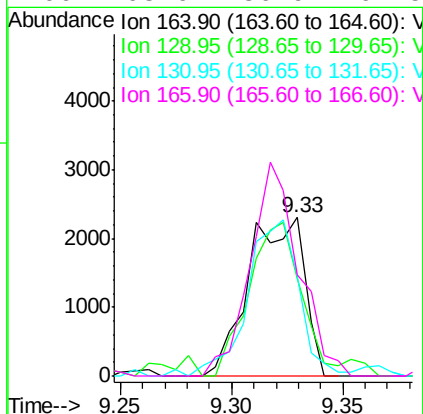
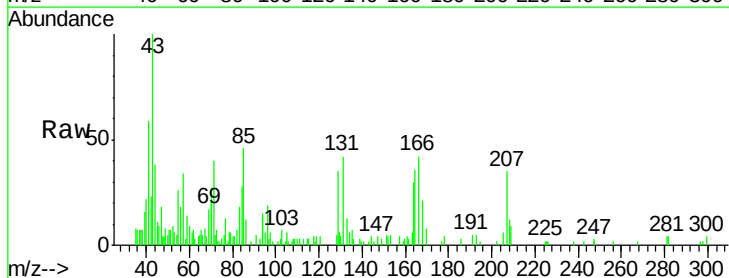
Ion Ratio Lower Upper

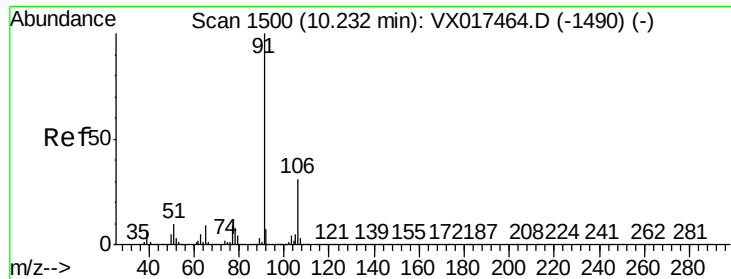
164 100

129 61.6 66.6 123.8#

131 62.7 62.6 116.2

166 63.6 86.9 161.5#





#54

Ethylbenzene

Concen: 2.620 ug/L

RT: 10.23 min Scan# 1500

Delta R.T. -0.00 min

Lab File: VX017475.D

Acq: 22 Jul 2020 19:07

Instrument :

MSVOA_X

ClientSampled :

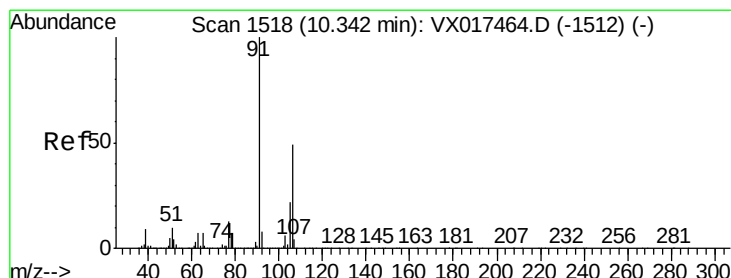
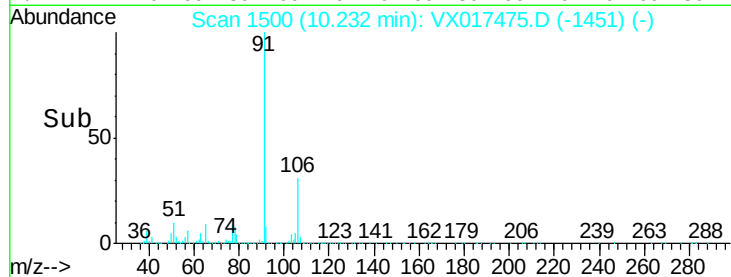
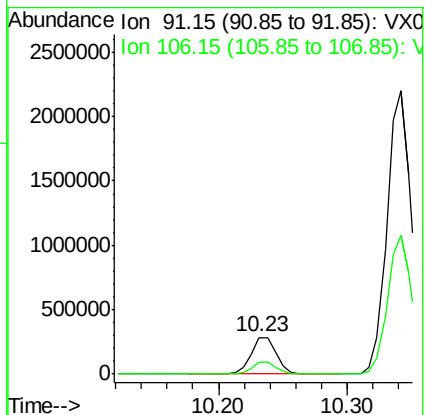
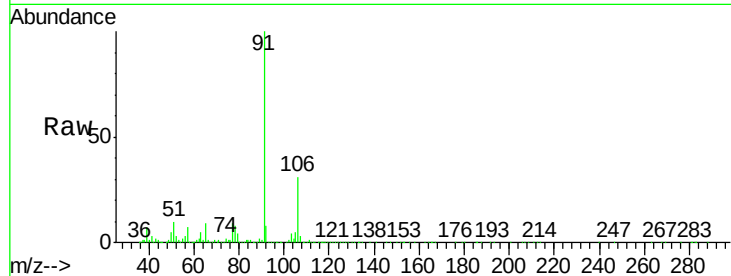
GAY24

Tot Ion: 91 Resp: 390026

Ion Ratio Lower Upper

91 100

106 31.5 22.5 41.7



#55

m,p-xylene

Concen: 23.753 ug/L

RT: 10.34 min Scan# 1518

Delta R.T. -0.00 min

Lab File: VX017475.D

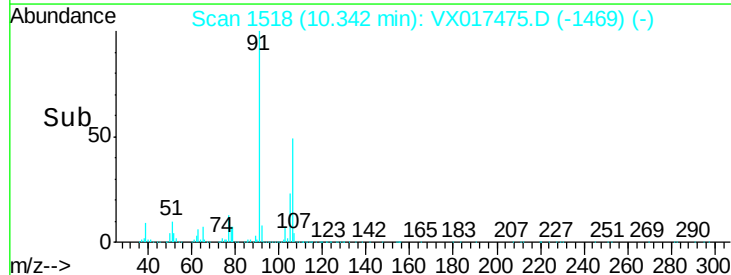
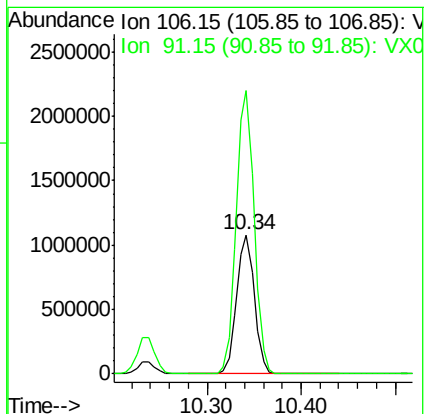
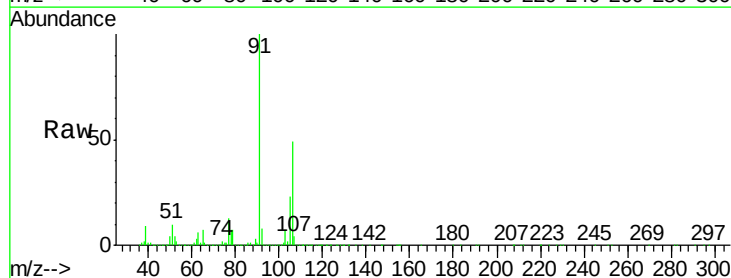
Acq: 22 Jul 2020 19:07

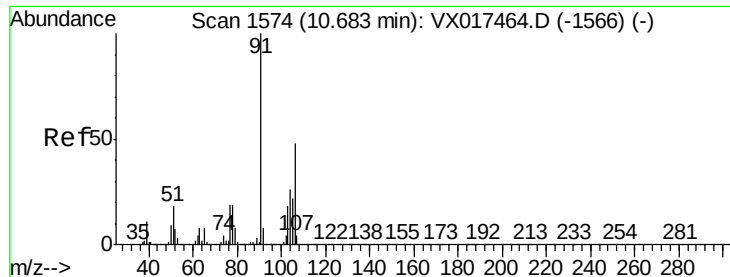
Tgt Ion: 106 Resp: 1411881

Ion Ratio Lower Upper

106 100

91 203.3 142.7 264.9





#56

o-xylene

Concen: 1.391 ug/L

RT: 10.68 min Scan# 1574

Delta R.T. -0.00 min

Lab File: VX017475.D

Acq: 22 Jul 2020 19:07

Instrument :

MSVOA_X

ClientSampled :

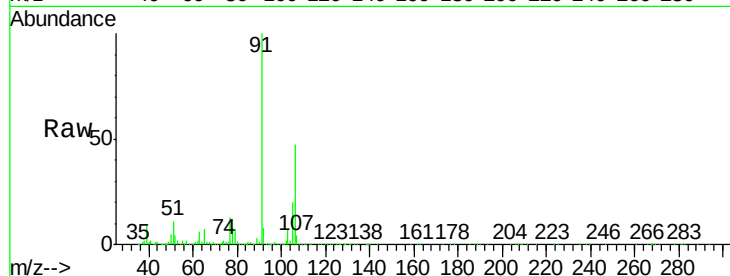
GAY24

Tot Ion:106 Resp: 80211

Ion Ratio Lower Upper

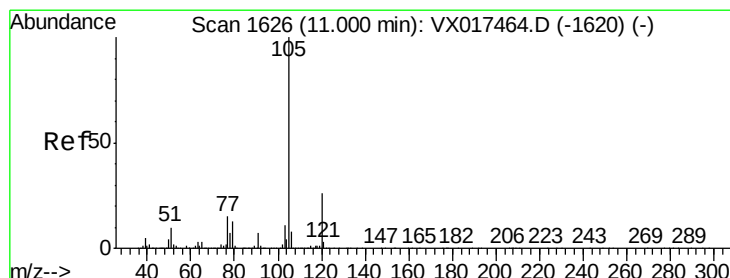
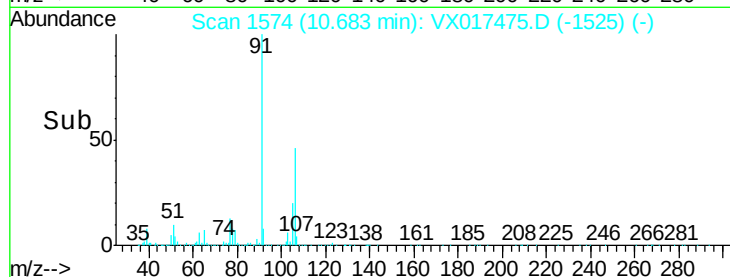
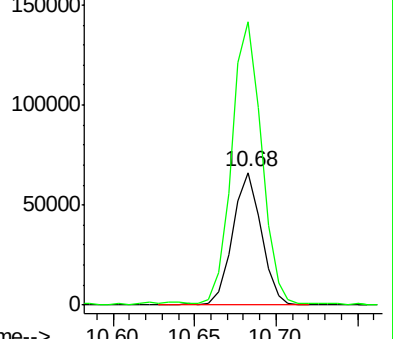
106 100

91 213.3 153.4 284.8



Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VX0



#58

Isopropylbenzene

Concen: 0.893 ug/L

RT: 11.00 min Scan# 1626

Delta R.T. -0.00 min

Lab File: VX017475.D

Acq: 22 Jul 2020 19:07

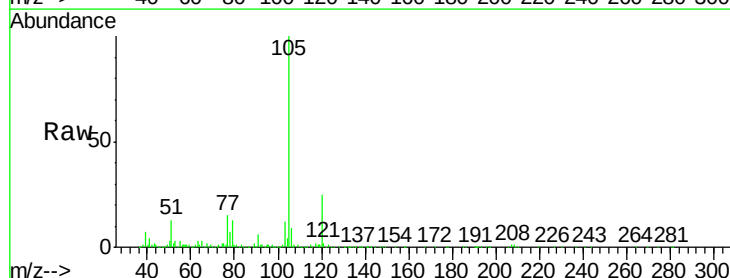
Tgt Ion:105 Resp: 133100

Ion Ratio Lower Upper

105 100

120 25.7 21.4 32.2

77 17.9 13.0 19.6



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): VX0

