

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061822\
 Data File : VX029574.D
 Acq On : 18 Jun 2022 16:59
 Operator : JC/MD
 Sample : N3325-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-23

Quant Time: Jun 20 01:35:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 20 01:31:01 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

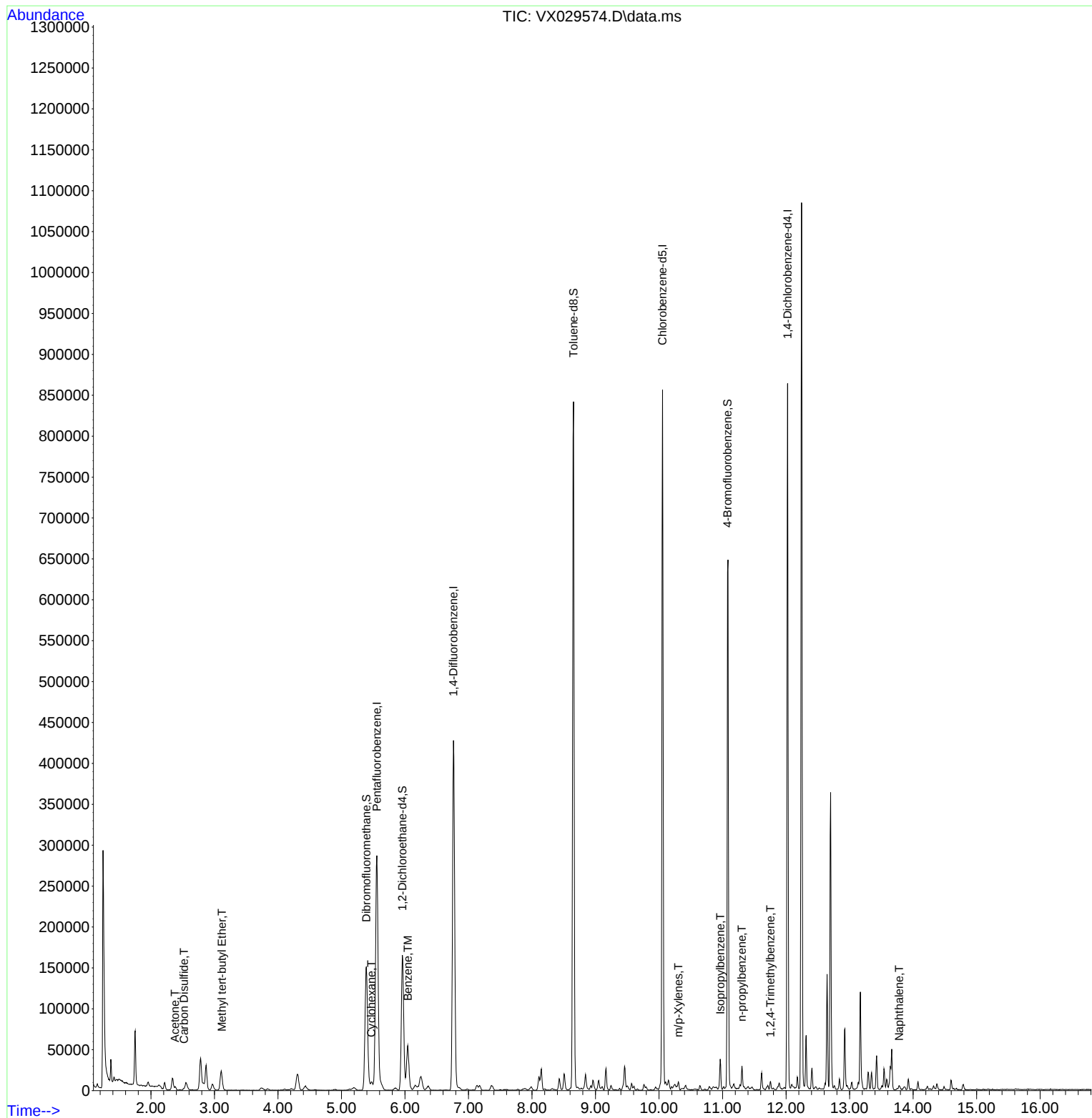
Internal Standards						
1) Pentafluorobenzene	5.556	168	270838	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	454189	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	389547	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	175617	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	155542	43.385	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	86.780%
35) Dibromofluoromethane	5.391	113	135357	45.731	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.460%
50) Toluene-d8	8.653	98	515112	47.638	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	95.280%
62) 4-Bromofluorobenzene	11.079	95	190023	46.600	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.200%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	4347	3.042	ug/l	93
17) Carbon Disulfide	2.520	76	3122	0.439	ug/l	99
19) Methyl tert-butyl Ether	3.117	73	8421	0.884	ug/l #	1
31) Cyclohexane	5.471	56	6757	1.404	ug/l	93
40) Benzene	6.044	78	66152	5.571	ug/l	98
68) m/p-Xylenes	10.305	106	2086	0.389	ug/l	100
73) Isopropylbenzene	10.963	105	18112	1.376	ug/l	100
78) n-propylbenzene	11.305	91	16257	1.096	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	5092	0.460	ug/l	95
95) Naphthalene	13.780	128	3587	0.291	ug/l	99

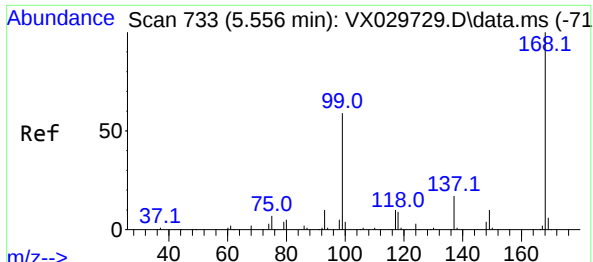
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

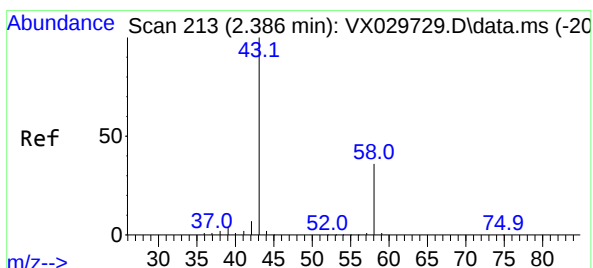
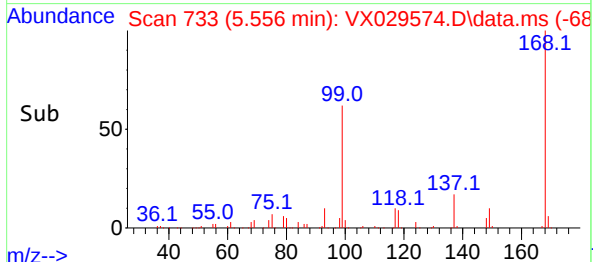
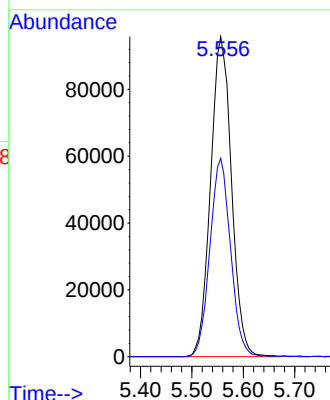
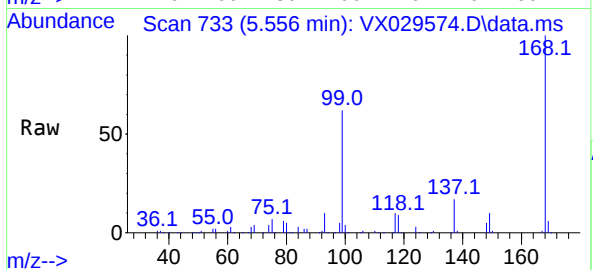




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029574.D
Acq: 18 Jun 2022 16:59

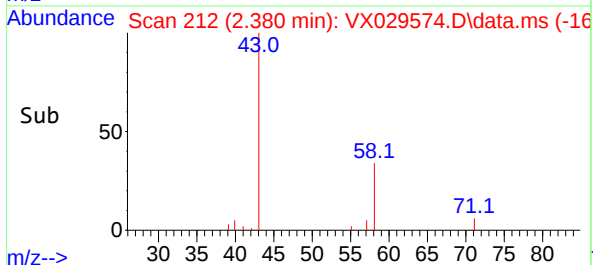
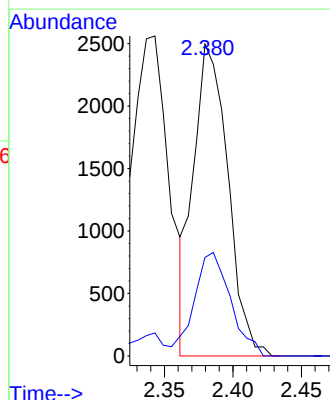
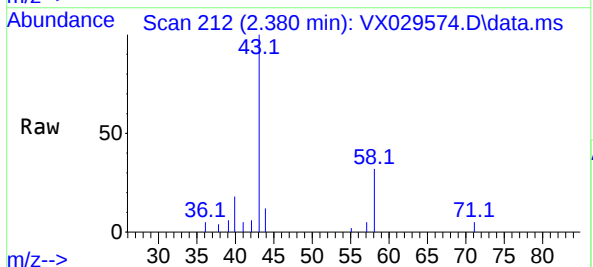
Instrument :
MSVOA_X
ClientSampleId :
MW-23

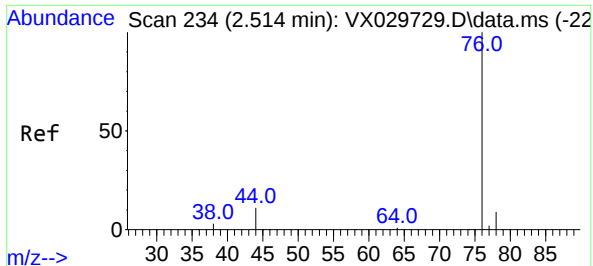
Tgt Ion:168 Resp: 270838
Ion Ratio Lower Upper
168 100
99 62.0 41.7 62.5



#16
Acetone
Concen: 3.042 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX029574.D
Acq: 18 Jun 2022 16:59

Tgt Ion: 43 Resp: 4347
Ion Ratio Lower Upper
43 100
58 31.6 28.8 43.2

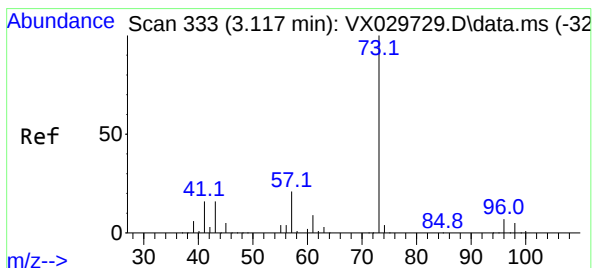
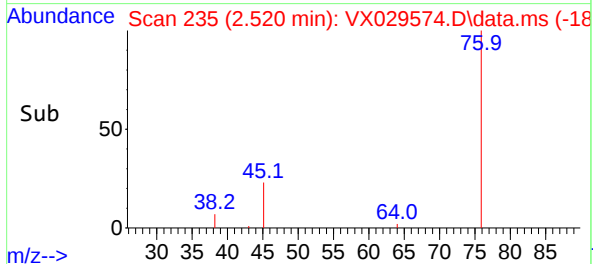
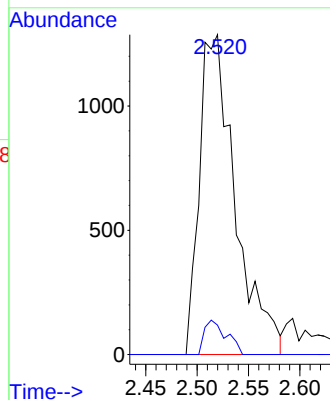
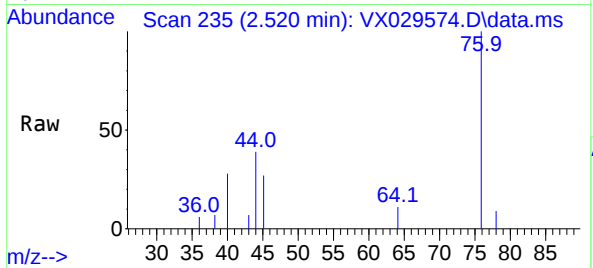




#17
Carbon Disulfide
Concen: 0.439 ug/l
RT: 2.520 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX029574.D
Acq: 18 Jun 2022 16:59

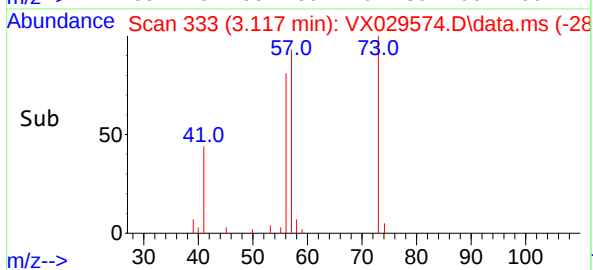
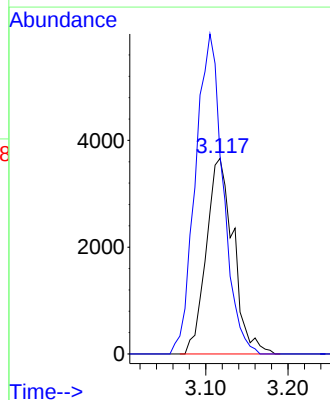
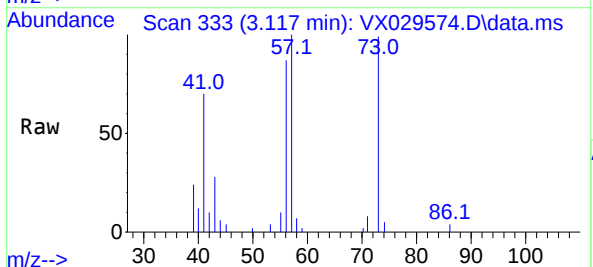
Instrument :
MSVOA_X
ClientSampleId :
MW-23

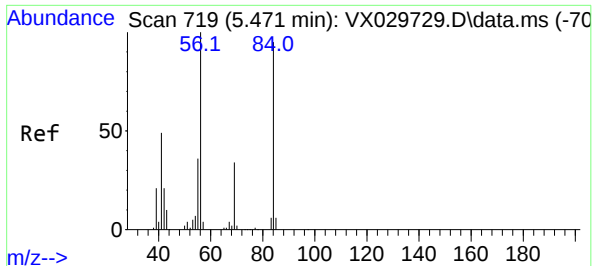
Tgt Ion: 76 Resp: 3122
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8



#19
Methyl tert-butyl Ether
Concen: 0.884 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX029574.D
Acq: 18 Jun 2022 16:59

Tgt Ion: 73 Resp: 8421
Ion Ratio Lower Upper
73 100
57 101.3 16.8 25.2#

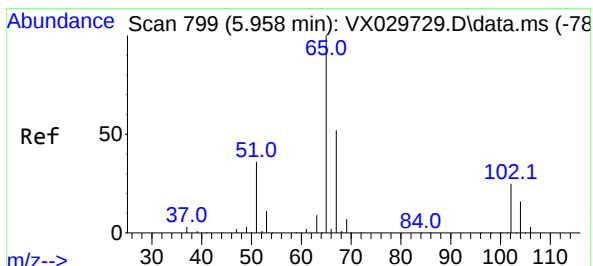
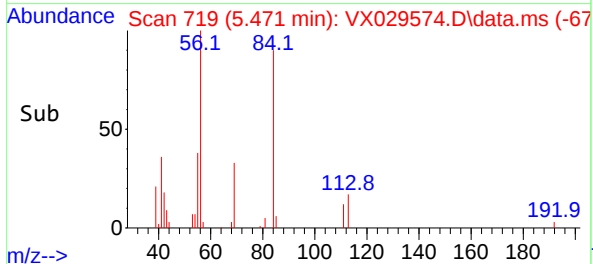
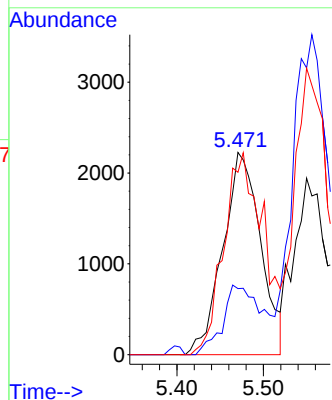
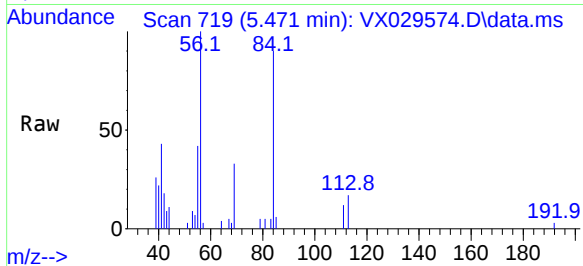




#31
Cyclohexane
Concen: 1.404 ug/l
RT: 5.471 min Scan# 719
Delta R.T. -0.006 min
Lab File: VX029574.D
Acq: 18 Jun 2022 16:59

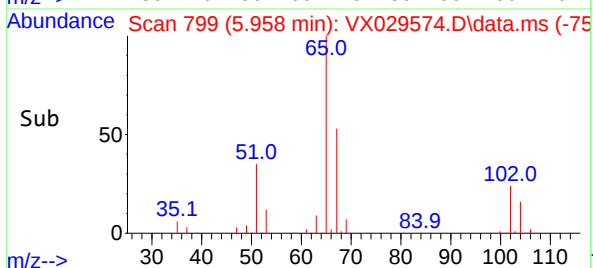
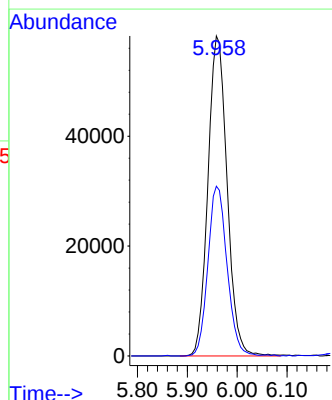
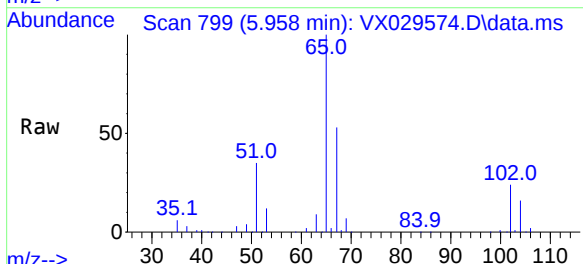
Instrument :
MSVOA_X
ClientSampleId :
MW-23

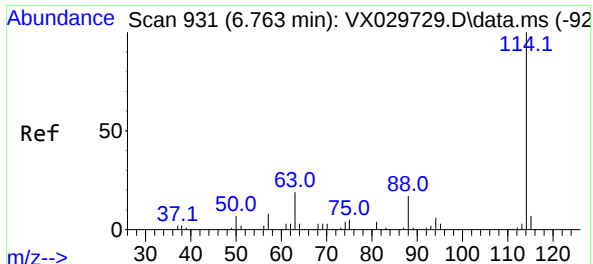
Tgt Ion: 56 Resp: 6757
Ion Ratio Lower Upper
56 100
69 28.9 26.7 40.1
84 90.1 77.2 115.8



#33
1,2-Dichloroethane-d4
Concen: 43.385 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX029574.D
Acq: 18 Jun 2022 16:59

Tgt Ion: 65 Resp: 155542
Ion Ratio Lower Upper
65 100
67 52.9 0.0 107.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. -0.000 min

Lab File: VX029574.D

Acq: 18 Jun 2022 16:59

Instrument :

MSVOA_X

ClientSampleId :

MW-23

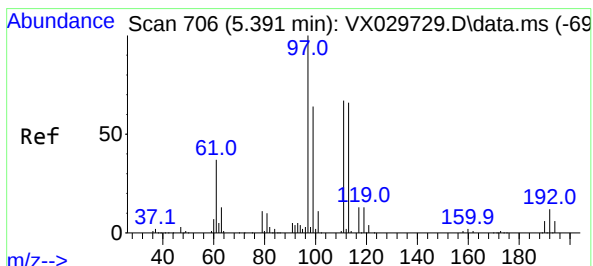
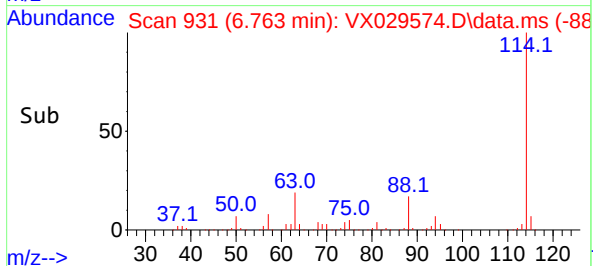
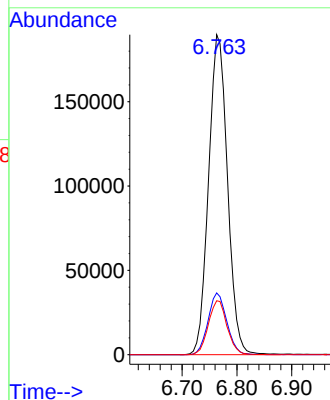
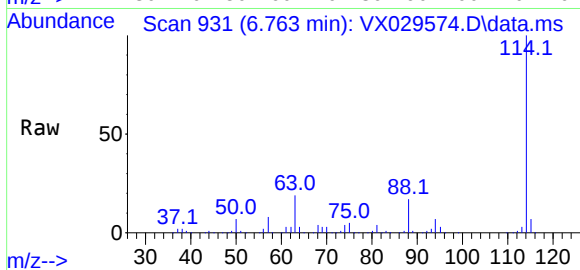
Tgt Ion:114 Resp: 454189

Ion Ratio Lower Upper

114 100

63 19.3 0.0 36.8

88 16.8 0.0 32.4



#35

Dibromofluoromethane

Concen: 45.731 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX029574.D

Acq: 18 Jun 2022 16:59

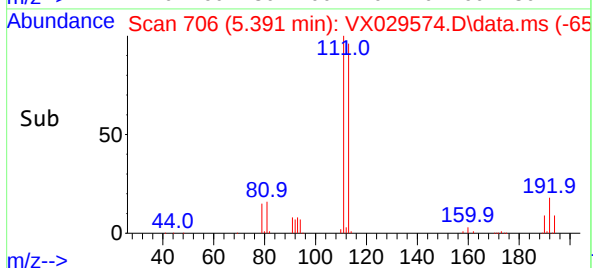
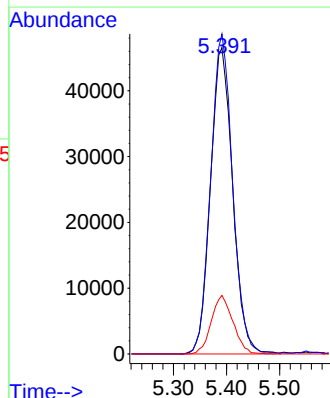
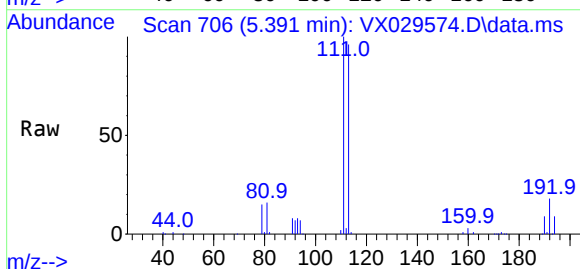
Tgt Ion:113 Resp: 135357

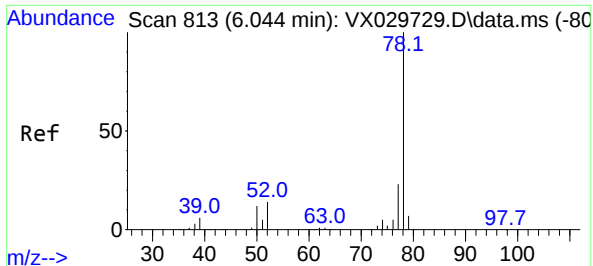
Ion Ratio Lower Upper

113 100

111 103.1 82.8 124.2

192 18.7 16.9 25.3

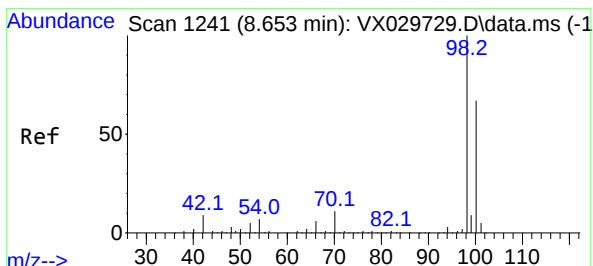
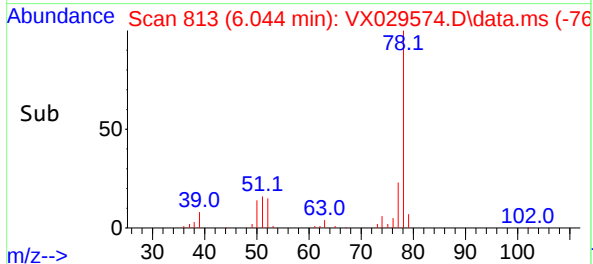
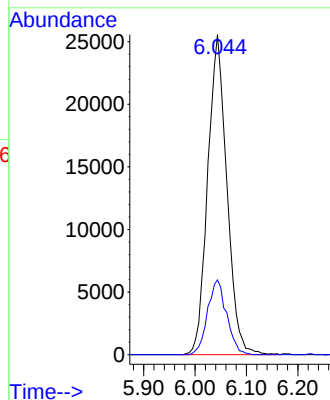
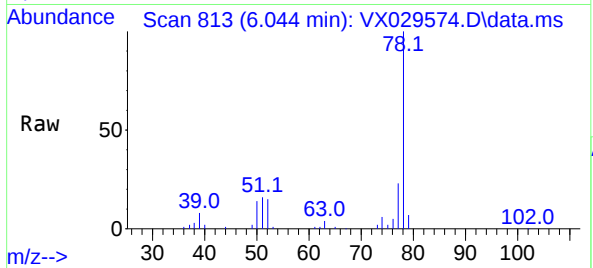




#40
Benzene
Concen: 5.571 ug/l
RT: 6.044 min Scan# 813
Delta R.T. -0.000 min
Lab File: VX029574.D
Acq: 18 Jun 2022 16:59

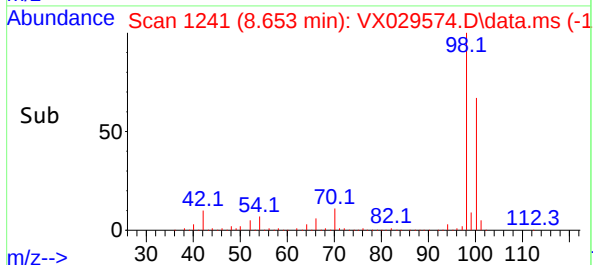
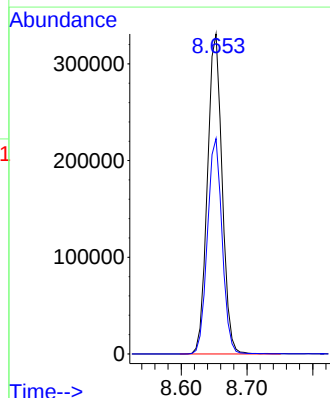
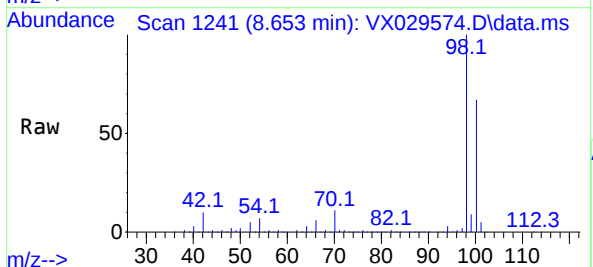
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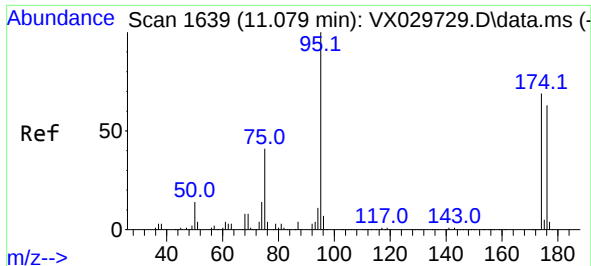
Tgt Ion: 78 Resp: 66152
Ion Ratio Lower Upper
78 100
77 23.3 19.3 28.9



#50
Toluene-d8
Concen: 47.638 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX029574.D
Acq: 18 Jun 2022 16:59

Tgt Ion: 98 Resp: 515112
Ion Ratio Lower Upper
98 100
100 67.2 52.6 78.8

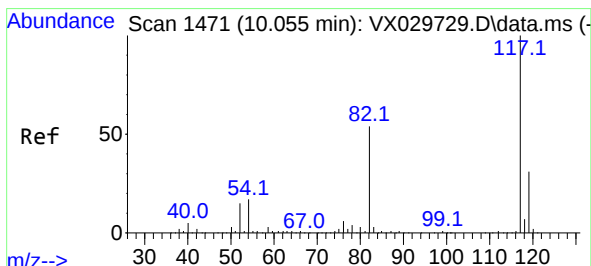
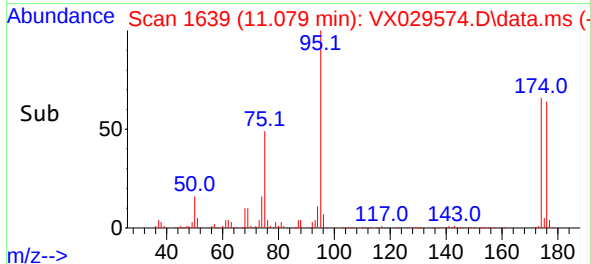
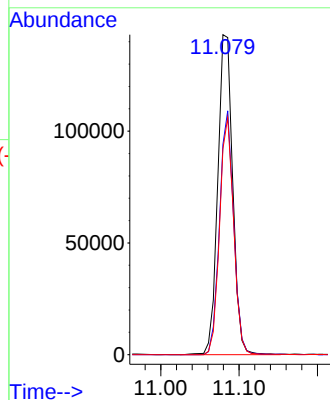
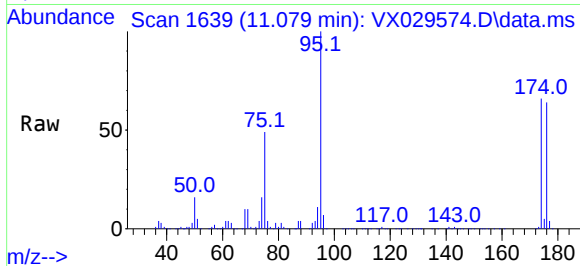




#62
4-Bromofluorobenzene
Concen: 46.600 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX029574.D
Acq: 18 Jun 2022 16:59

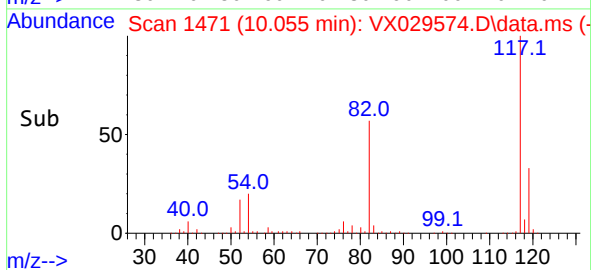
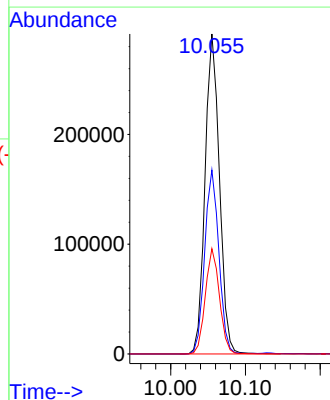
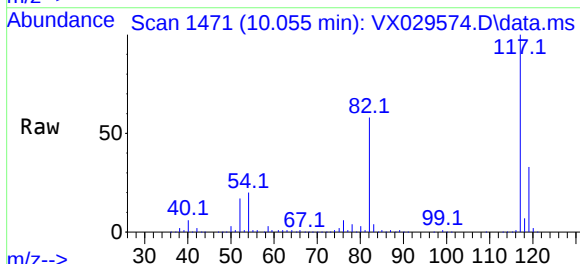
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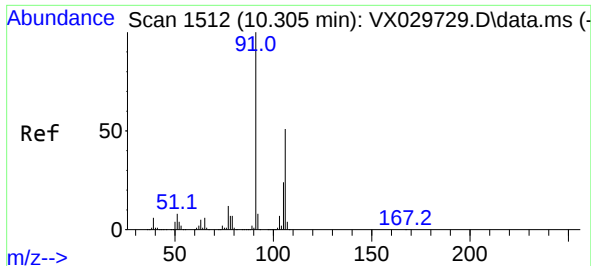
Tgt Ion: 95 Resp: 190023
Ion Ratio Lower Upper
95 100
174 72.0 0.0 163.0
176 69.7 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029574.D
Acq: 18 Jun 2022 16:59

Tgt Ion: 117 Resp: 389547
Ion Ratio Lower Upper
117 100
82 57.5 41.8 62.8
119 32.9 24.8 37.2

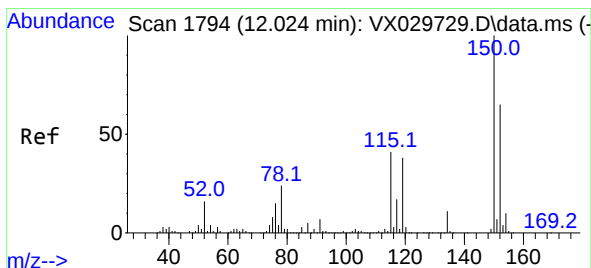
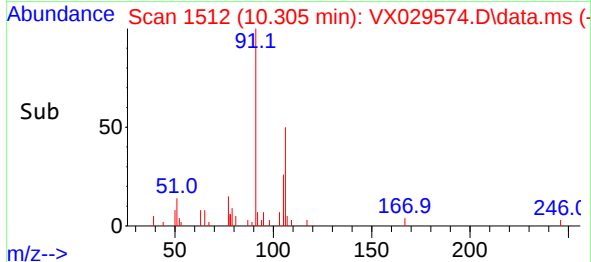
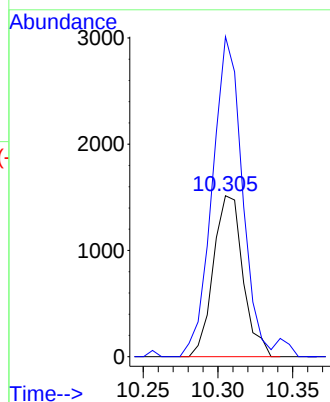
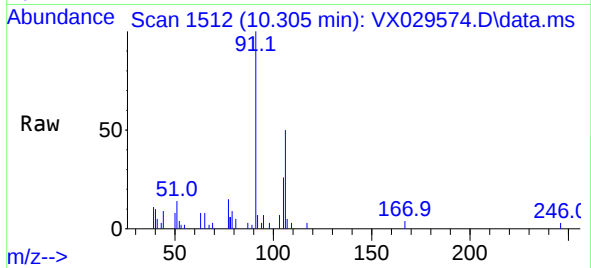




#68
m/p-Xylenes
Concen: 0.389 ug/l
RT: 10.305 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029574.D
Acq: 18 Jun 2022 16:59

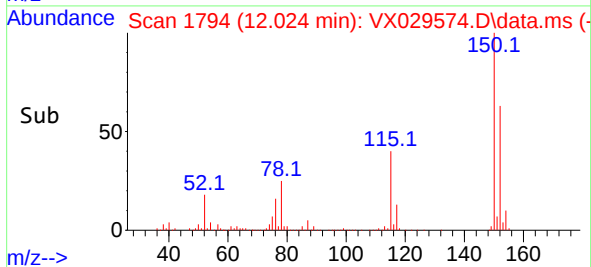
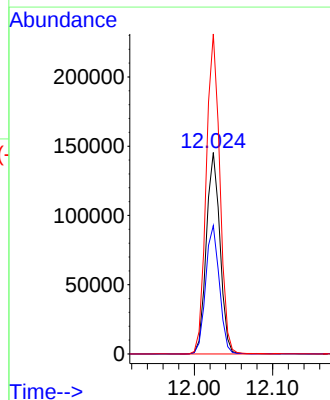
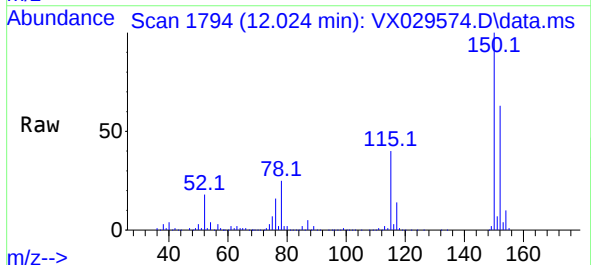
Instrument :
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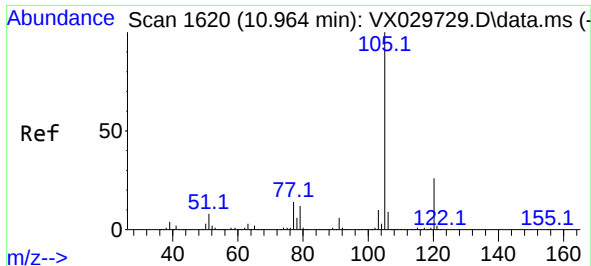
Tgt Ion:106 Resp: 2086
Ion Ratio Lower Upper
106 100
91 200.9 160.4 240.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX029574.D
Acq: 18 Jun 2022 16:59

Tgt Ion:152 Resp: 175617
Ion Ratio Lower Upper
152 100
115 64.1 37.5 112.7
150 158.1 0.0 338.2

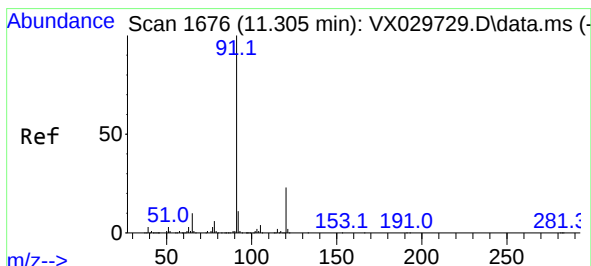
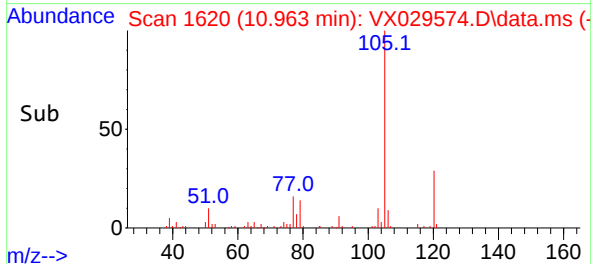
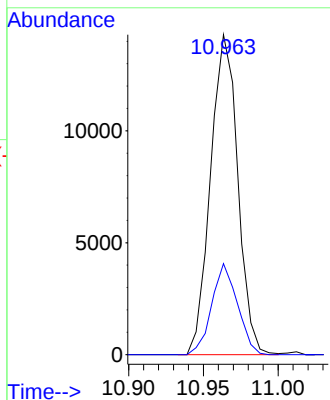
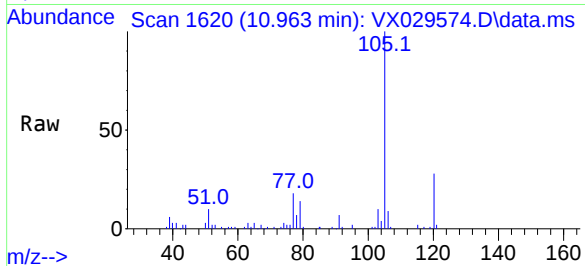




#73
Isopropylbenzene
Concen: 1.376 ug/l
RT: 10.963 min Scan# 10
Delta R.T. 0.000 min
Lab File: VX029574.D
Acq: 18 Jun 2022 16:59

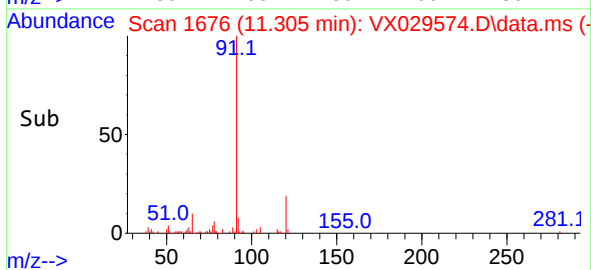
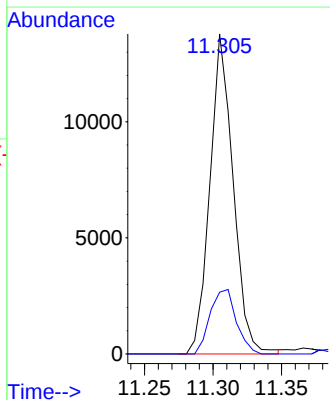
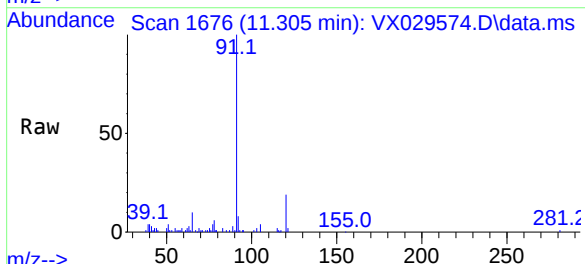
Instrument :
MSVOA_X
ClientSampleId :
MW-23

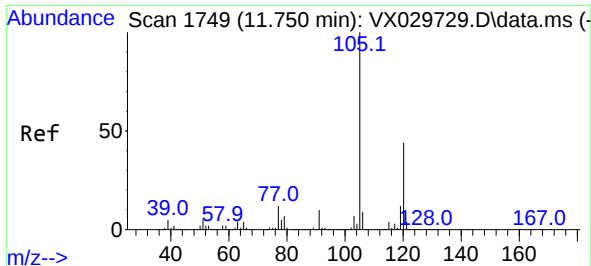
Tgt Ion:105 Resp: 18112
Ion Ratio Lower Upper
105 100
120 26.9 13.5 40.5



#78
n-propylbenzene
Concen: 1.096 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX029574.D
Acq: 18 Jun 2022 16:59

Tgt Ion: 91 Resp: 16257
Ion Ratio Lower Upper
91 100
120 22.6 11.6 34.8

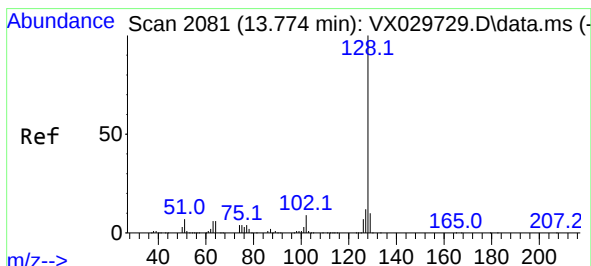
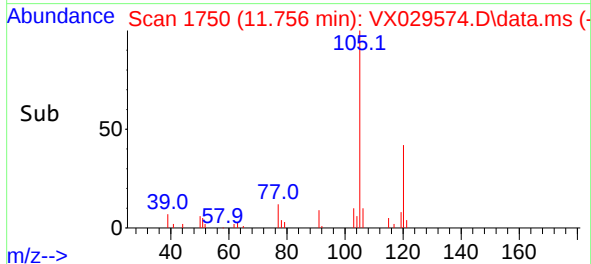
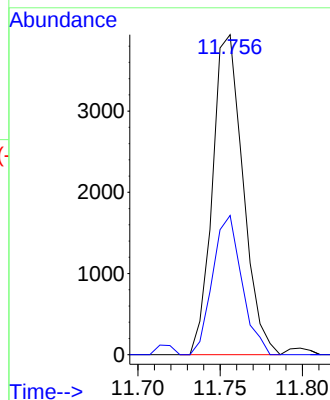
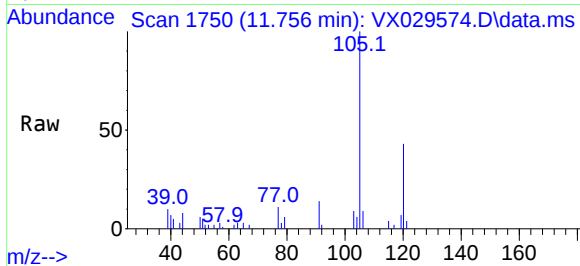




#84
1,2,4-Trimethylbenzene
Concen: 0.460 ug/l
RT: 11.756 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029574.D
Acq: 18 Jun 2022 16:59

Instrument :
MSVOA_X
ClientSampleId :
MW-23

Tgt Ion:105 Resp: 5092
Ion Ratio Lower Upper
105 100
120 41.7 22.6 67.8



#95
Naphthalene
Concen: 0.291 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX029574.D
Acq: 18 Jun 2022 16:59

Tgt Ion:128 Resp: 3587
Ion Ratio Lower Upper
128 100
127 12.0 10.2 15.4
129 10.6 8.7 13.1

