

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042122\
 Data File : VX028239.D
 Acq On : 21 Apr 2022 14:27
 Operator : JC/MD
 Sample : N2459-03DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 31573DL

Quant Time: Apr 22 06:12:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 19 13:38:04 2022
 Response via : Initial Calibration

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

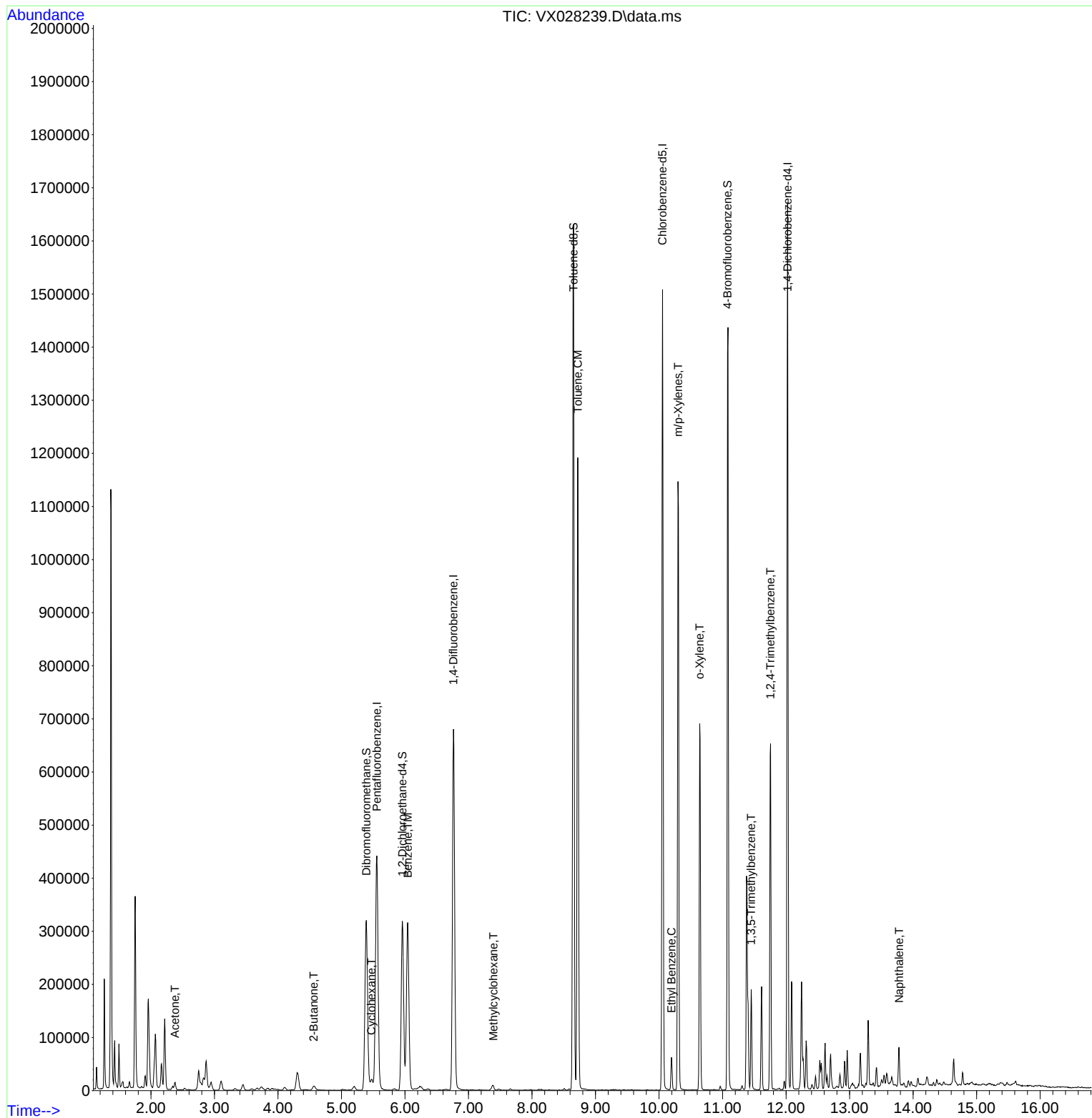
Internal Standards						
1) Pentafluorobenzene	5.556	168	436590	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	744690	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	707141	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	346627	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	301890	53.032	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 106.060%			
35) Dibromofluoromethane	5.391	113	277281	53.094	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 106.180%			
50) Toluene-d8	8.653	98	1011443	50.425	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 100.840%			
62) 4-Bromofluorobenzene	11.079	95	372609	48.583	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 97.160%			
Target Compounds						
					Qvalue	
16) Acetone	2.379	43	15976	7.836	ug/l	92
25) 2-Butanone	4.562	43	7458	2.212	ug/l #	84
31) Cyclohexane	5.470	56	12477	1.799	ug/l	96
39) Methylcyclohexane	7.391	83	4669	0.543	ug/l #	87
40) Benzene	6.043	78	400146	20.067	ug/l	99
52) Toluene	8.720	92	459102	33.139	ug/l	99
67) Ethyl Benzene	10.195	91	36509	1.444	ug/l	99
68) m/p-Xylenes	10.299	106	282644	27.470	ug/l	97
69) o-Xylene	10.640	106	161785	15.771	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	81200	4.015	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	296445	14.746	ug/l	97
95) Naphthalene	13.780	128	49692	2.165	ug/l	98

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

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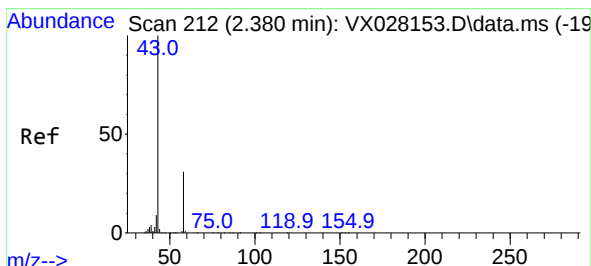
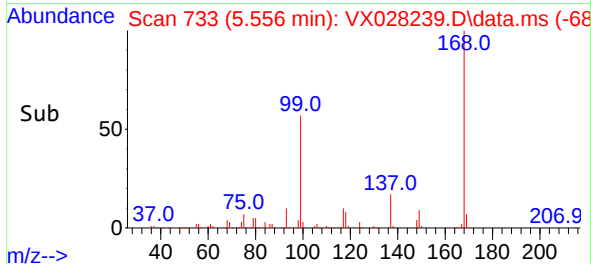
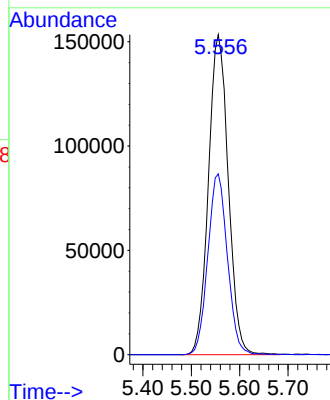
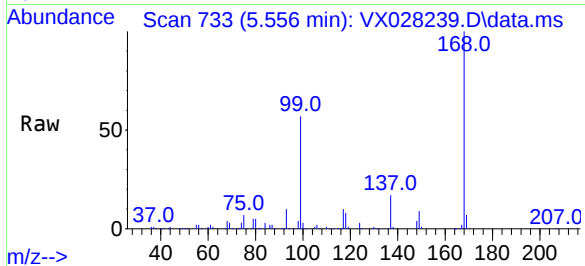




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.000 min
Lab File: VX028239.D
Acq: 21 Apr 2022 14:27

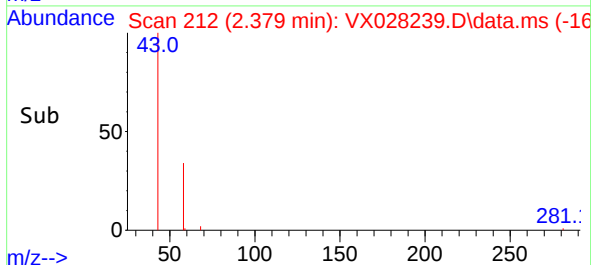
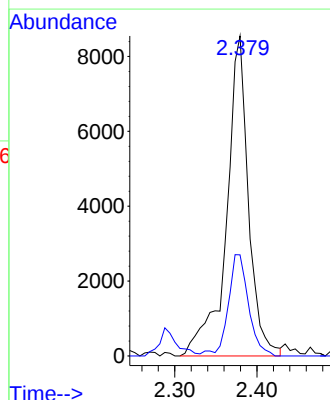
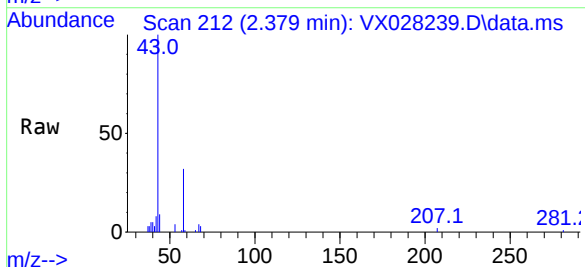
Instrument :
MSVOA_X
ClientSampleId :
31573DL

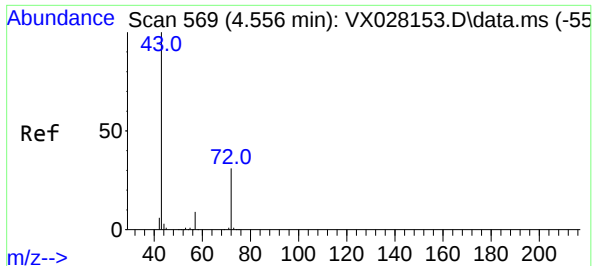
Tgt Ion:168 Resp: 436590
Ion Ratio Lower Upper
168 100
99 56.5 41.7 62.5



#16
Acetone
Concen: 7.836 ug/l
RT: 2.379 min Scan# 212
Delta R.T. -0.001 min
Lab File: VX028239.D
Acq: 21 Apr 2022 14:27

Tgt Ion: 43 Resp: 15976
Ion Ratio Lower Upper
43 100
58 31.6 28.8 43.2





#25

2-Butanone

Concen: 2.212 ug/l

RT: 4.562 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX028239.D

Acq: 21 Apr 2022 14:27

Instrument :

MSVOA_X

ClientSampleId :

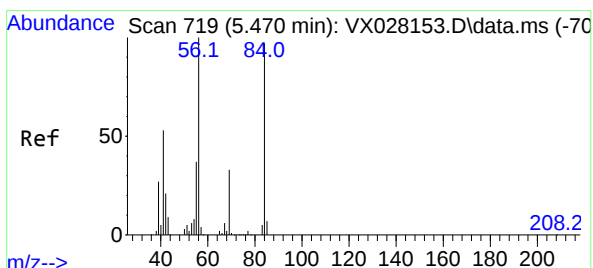
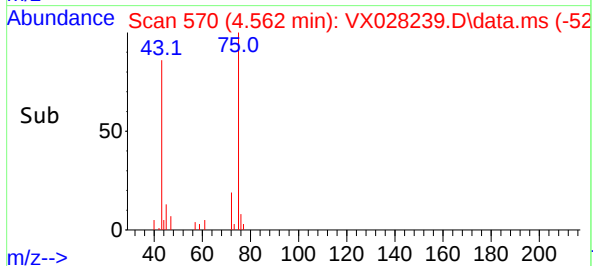
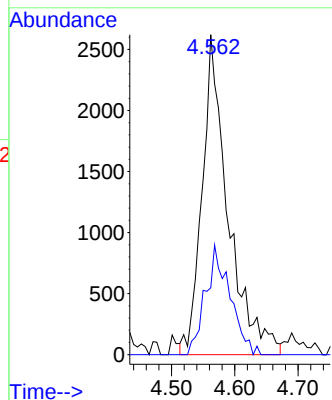
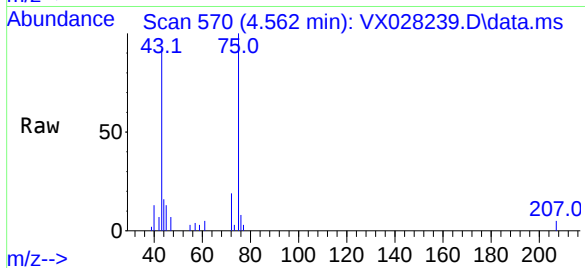
31573DL

Tgt Ion: 43 Resp: 7458

Ion Ratio Lower Upper

43 100

72 21.6 24.4 36.6#



#31

Cyclohexane

Concen: 1.799 ug/l

RT: 5.470 min Scan# 719

Delta R.T. 0.000 min

Lab File: VX028239.D

Acq: 21 Apr 2022 14:27

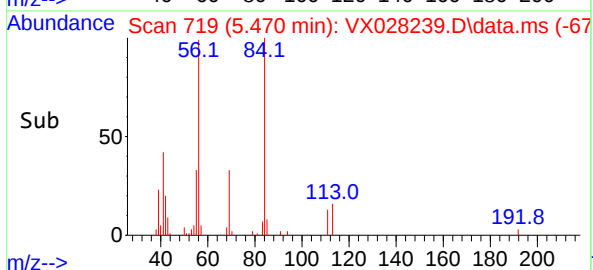
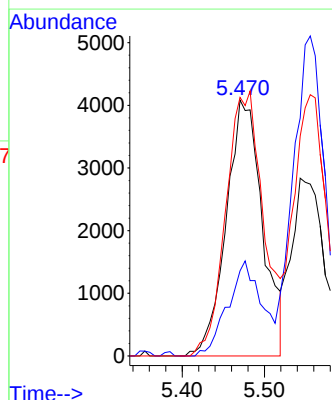
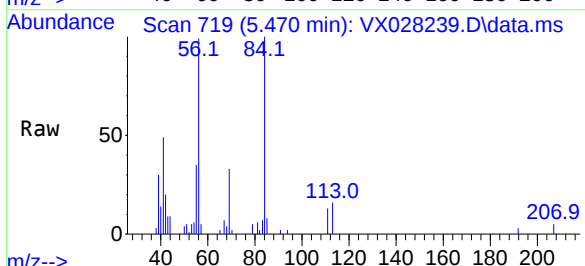
Tgt Ion: 56 Resp: 12477

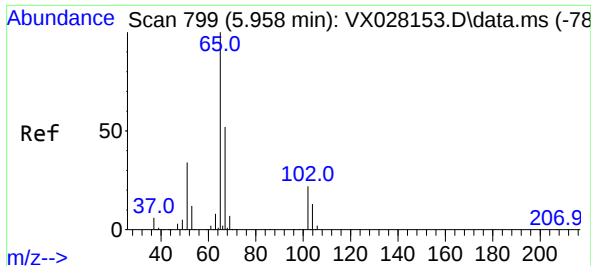
Ion Ratio Lower Upper

56 100

69 33.3 26.7 40.1

84 101.1 77.2 115.8

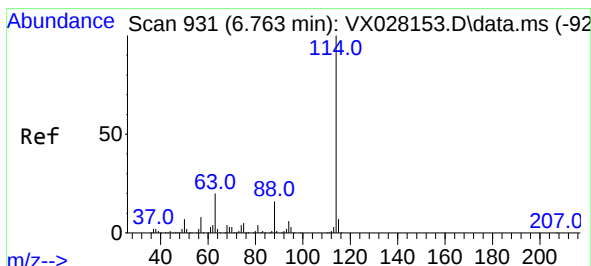
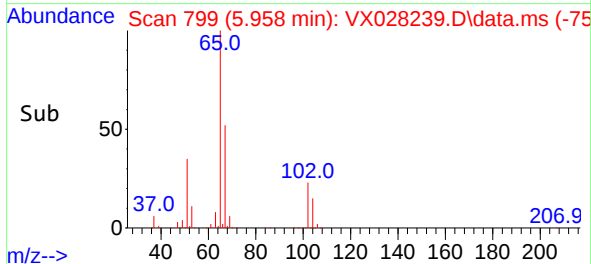
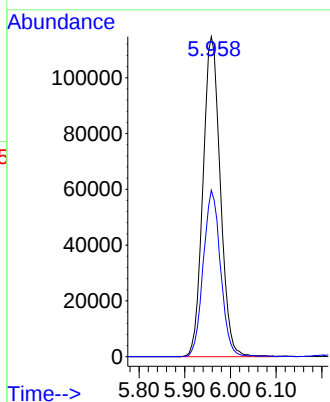
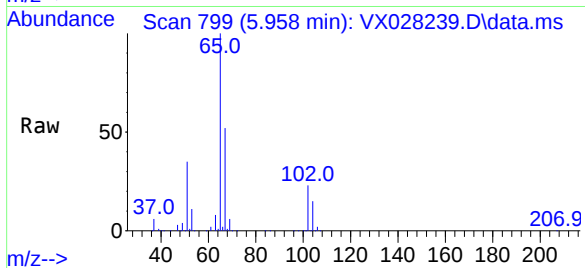




#33
1,2-Dichloroethane-d4
Concen: 53.032 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028239.D
Acq: 21 Apr 2022 14:27

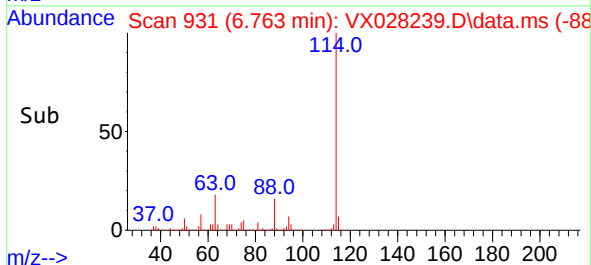
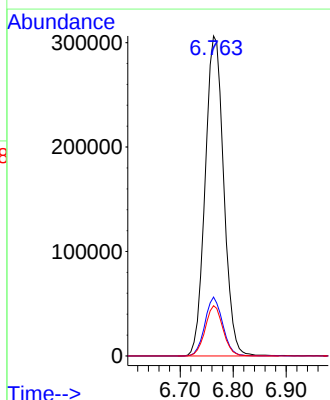
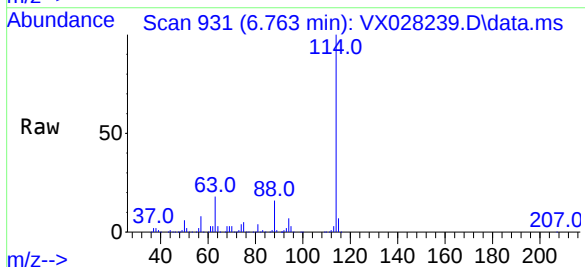
Instrument :
MSVOA_X
ClientSampleId :
31573DL

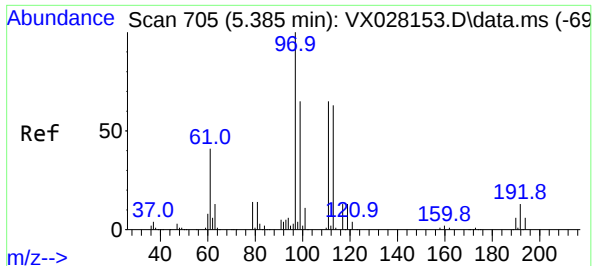
Tgt Ion: 65 Resp: 301890
Ion Ratio Lower Upper
65 100
67 51.8 0.0 107.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. -0.000 min
Lab File: VX028239.D
Acq: 21 Apr 2022 14:27

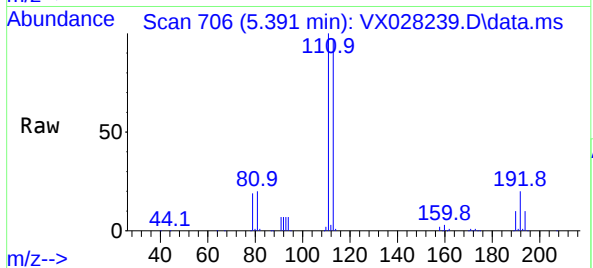
Tgt Ion: 114 Resp: 744690
Ion Ratio Lower Upper
114 100
63 18.4 0.0 36.8
88 15.7 0.0 32.4



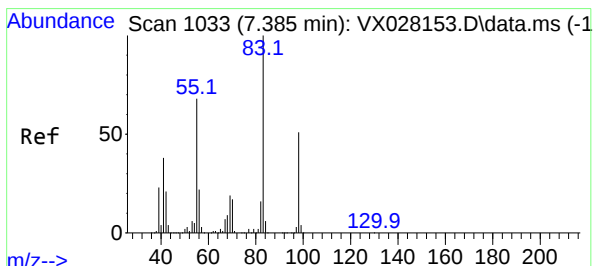
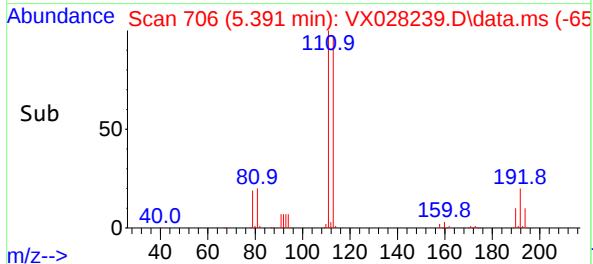
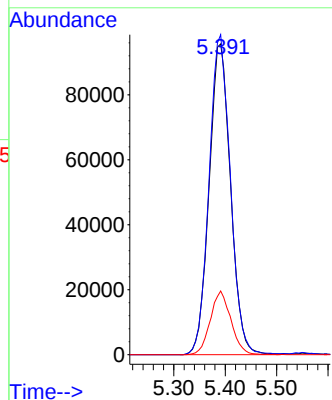


#35
Dibromofluoromethane
Concen: 53.094 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX028239.D
Acq: 21 Apr 2022 14:27

Instrument :
MSVOA_X
ClientSampleId :
31573DL

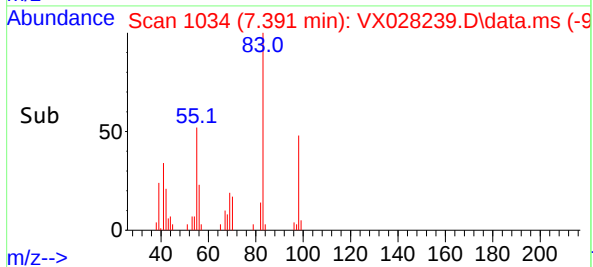
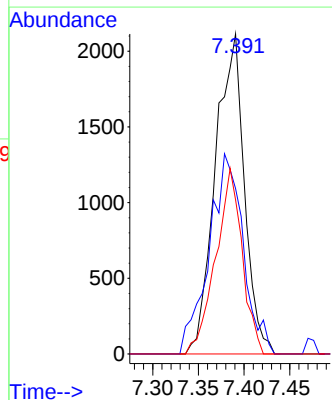
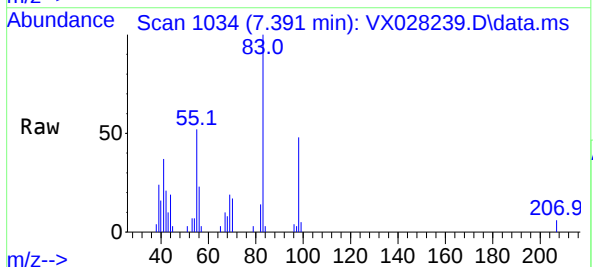


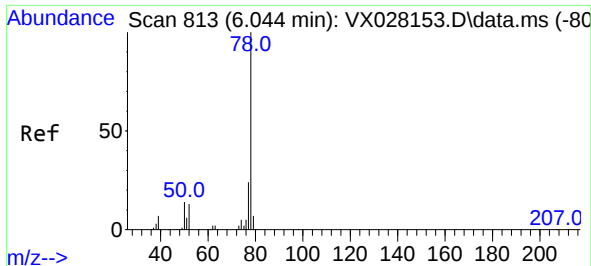
Tgt Ion:113 Resp: 277281
Ion Ratio Lower Upper
113 100
111 102.2 82.8 124.2
192 19.8 16.9 25.3



#39
Methylcyclohexane
Concen: 0.543 ug/l
RT: 7.391 min Scan# 1034
Delta R.T. 0.006 min
Lab File: VX028239.D
Acq: 21 Apr 2022 14:27

Tgt Ion: 83 Resp: 4669
Ion Ratio Lower Upper
83 100
55 51.7 54.6 81.8#
98 48.2 37.4 56.2

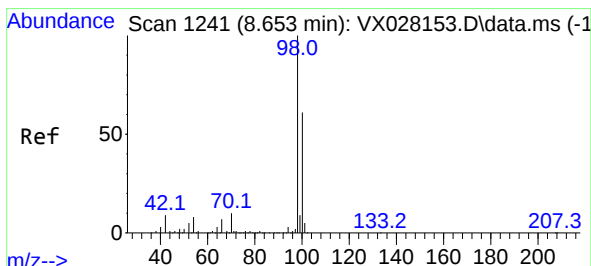
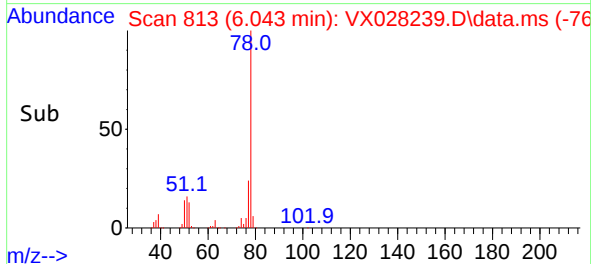
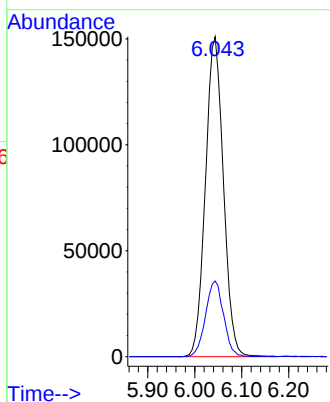
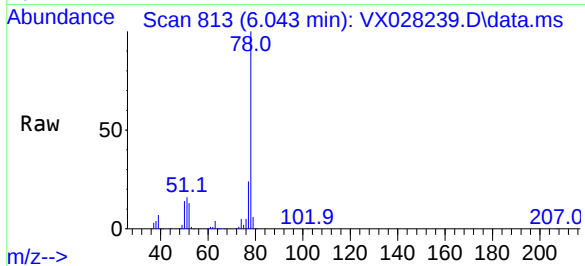




#40
Benzene
Concen: 20.067 ug/l
RT: 6.043 min Scan# 813
Delta R.T. -0.001 min
Lab File: VX028239.D
Acq: 21 Apr 2022 14:27

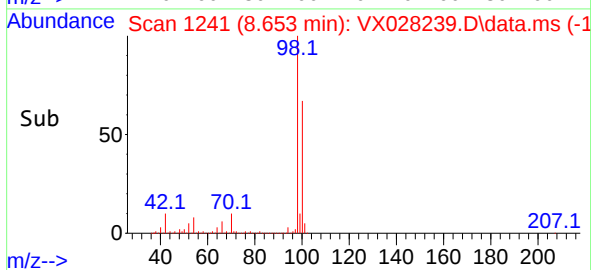
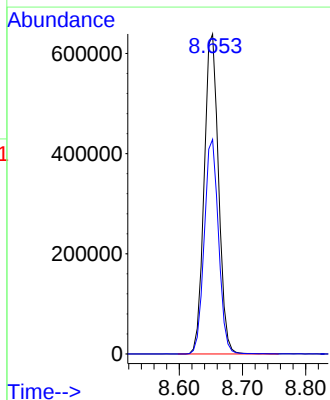
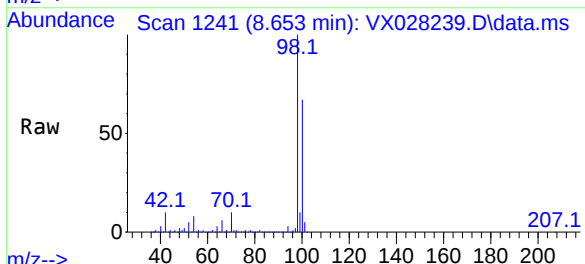
Instrument :
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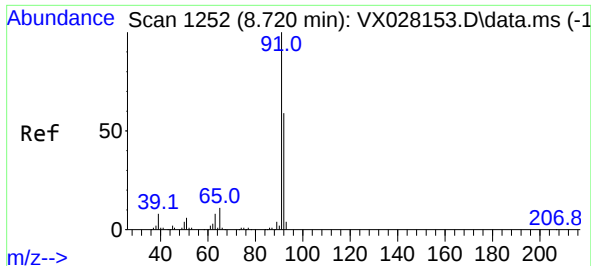
Tgt Ion: 78 Resp: 400146
Ion Ratio Lower Upper
78 100
77 23.7 19.3 28.9



#50
Toluene-d8
Concen: 50.425 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX028239.D
Acq: 21 Apr 2022 14:27

Tgt Ion: 98 Resp: 1011443
Ion Ratio Lower Upper
98 100
100 66.6 52.6 78.8

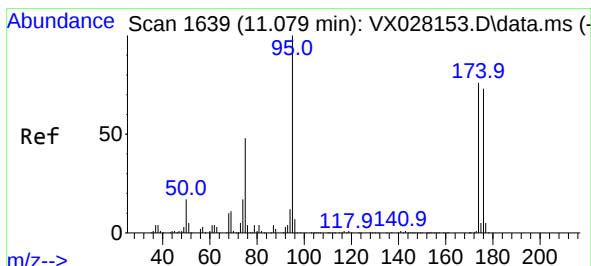
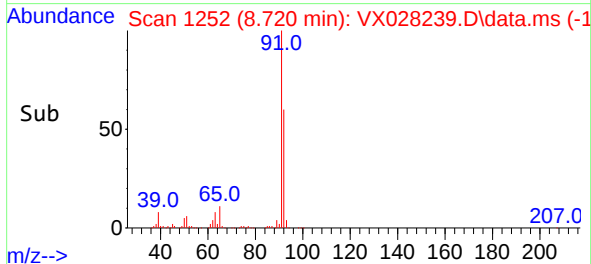
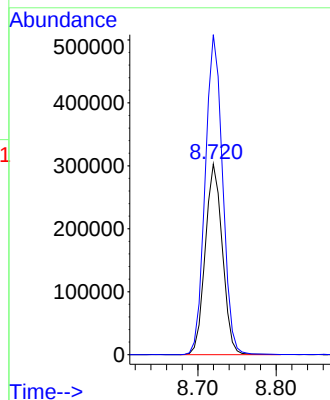
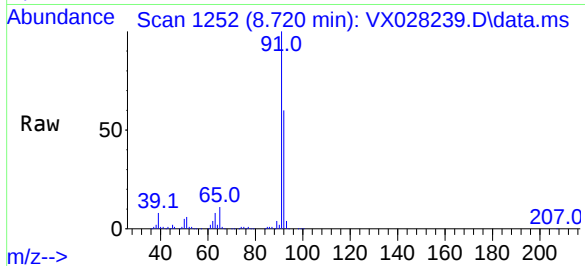




#52
Toluene
Concen: 33.139 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX028239.D
Acq: 21 Apr 2022 14:27

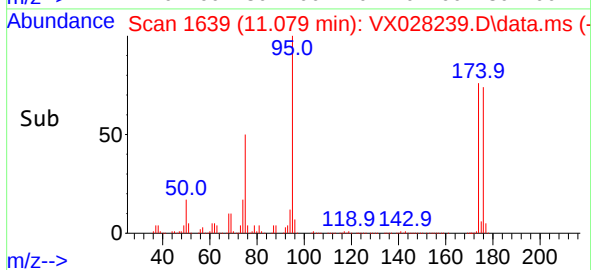
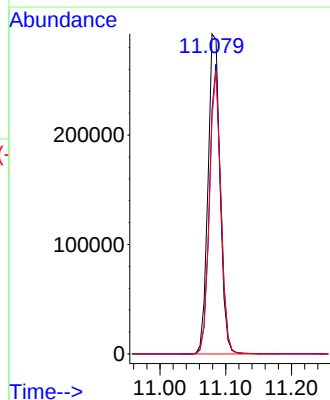
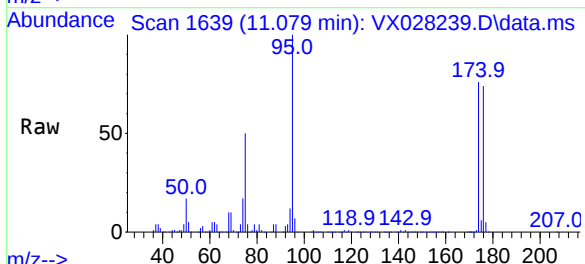
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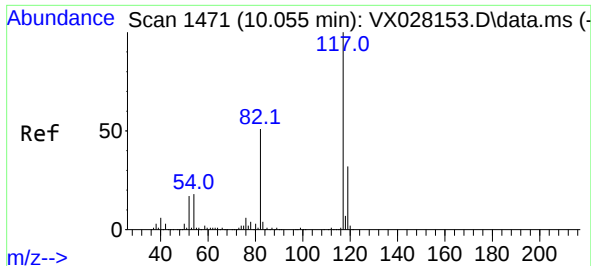
Tgt Ion: 92 Resp: 459102
Ion Ratio Lower Upper
92 100
91 170.3 137.5 206.3



#62
4-Bromofluorobenzene
Concen: 48.583 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX028239.D
Acq: 21 Apr 2022 14:27

Tgt Ion: 95 Resp: 372609
Ion Ratio Lower Upper
95 100
174 85.4 0.0 163.0
176 83.6 0.0 155.0

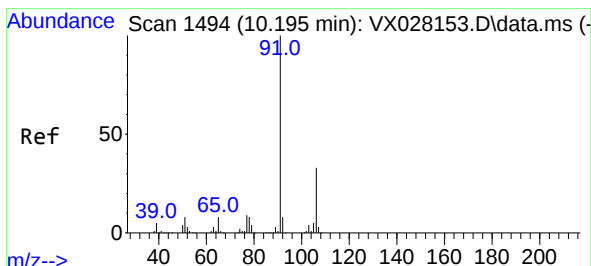
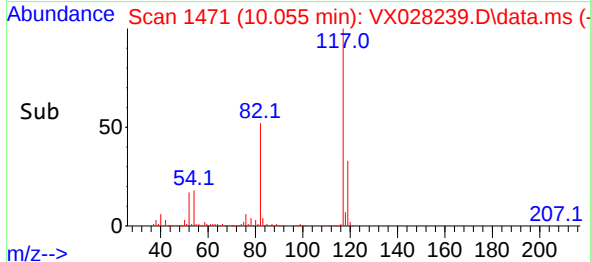
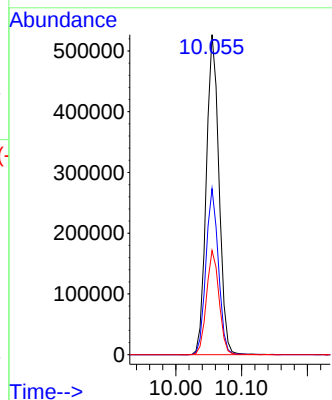
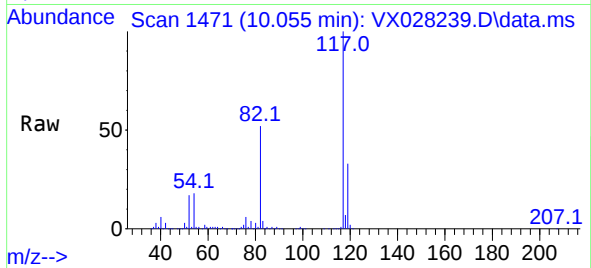




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX028239.D
Acq: 21 Apr 2022 14:27

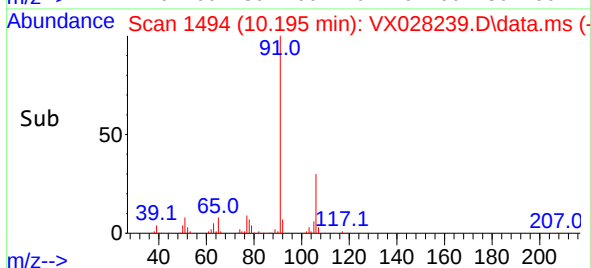
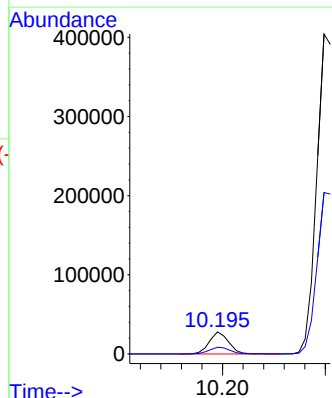
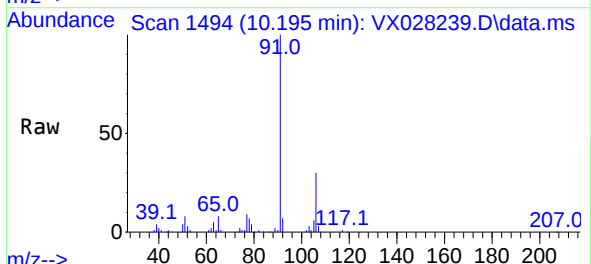
Instrument :
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31573DL

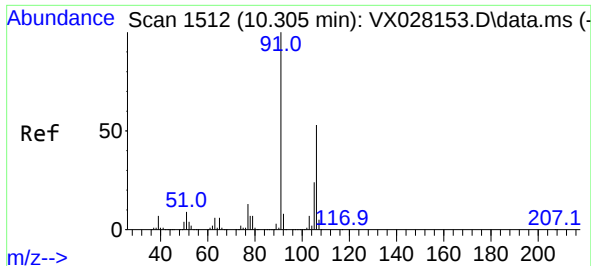
Tgt Ion:117 Resp: 707141
Ion Ratio Lower Upper
117 100
82 51.9 41.8 62.8
119 32.6 24.8 37.2



#67
Ethyl Benzene
Concen: 1.444 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX028239.D
Acq: 21 Apr 2022 14:27

Tgt Ion: 91 Resp: 36509
Ion Ratio Lower Upper
91 100
106 30.3 24.6 36.8

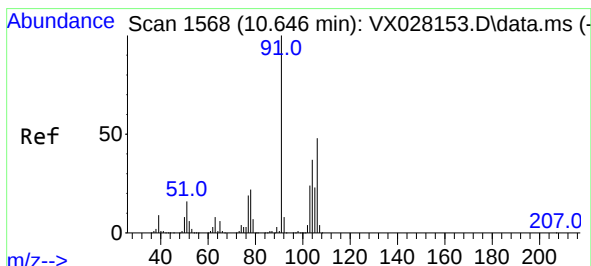
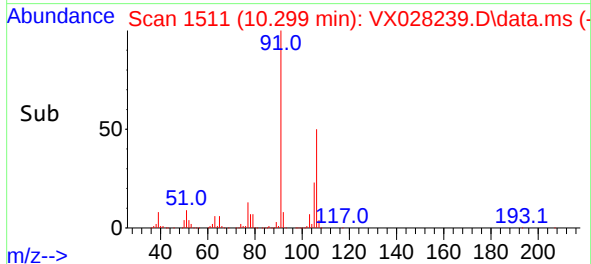
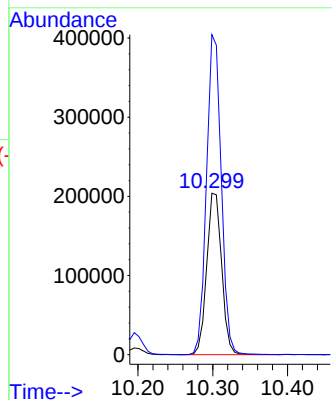
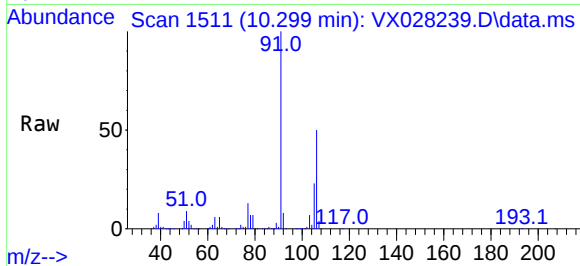




#68
m/p-Xylenes
Concen: 27.470 ug/l
RT: 10.299 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX028239.D
Acq: 21 Apr 2022 14:27

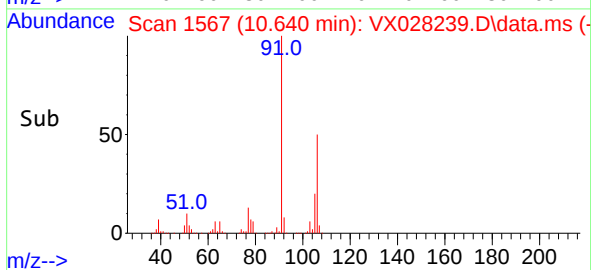
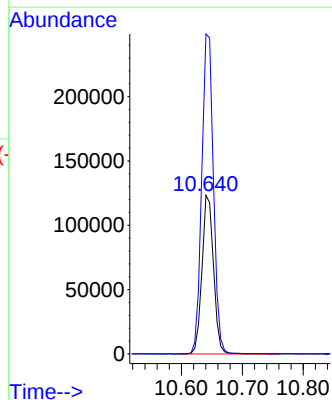
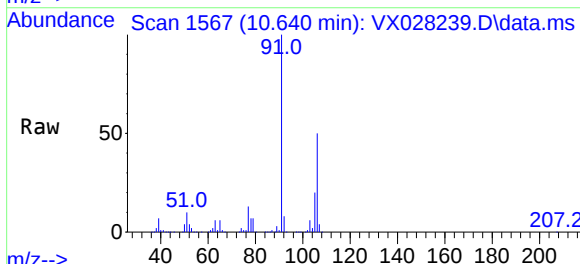
Instrument :
MSVOA_X
ClientSampleId :
31573DL

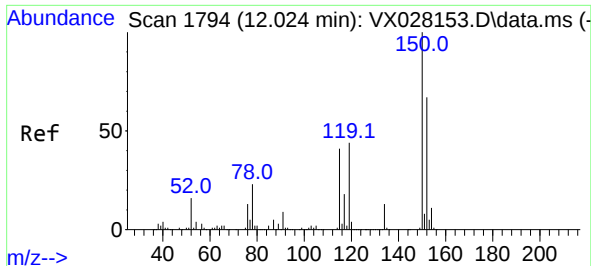
Tgt Ion:106 Resp: 282644
Ion Ratio Lower Upper
106 100
91 196.0 160.4 240.6



#69
o-Xylene
Concen: 15.771 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VX028239.D
Acq: 21 Apr 2022 14:27

Tgt Ion:106 Resp: 161785
Ion Ratio Lower Upper
106 100
91 205.1 106.1 318.1

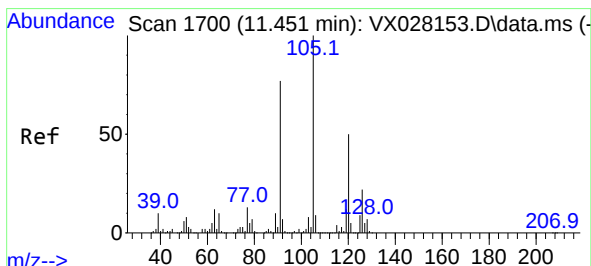
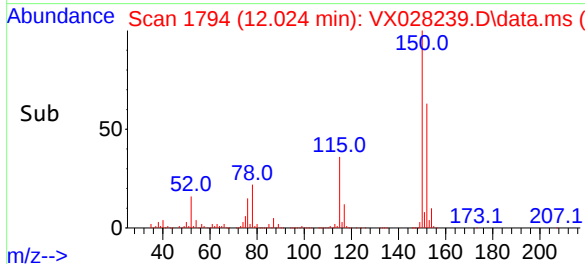
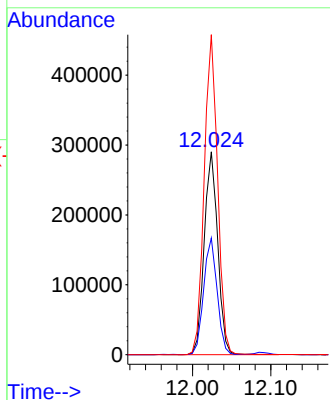
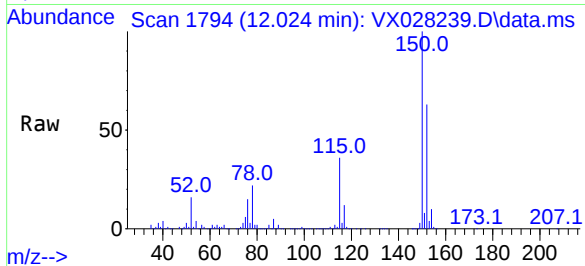




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX028239.D
 Acq: 21 Apr 2022 14:27

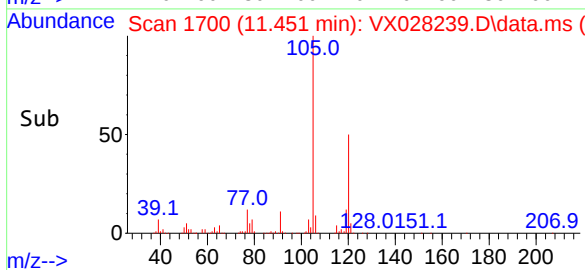
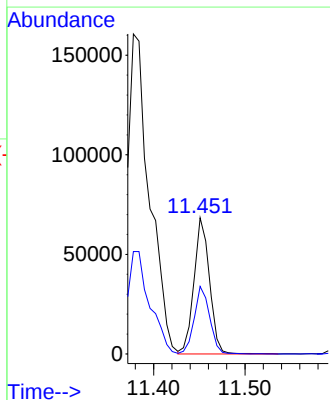
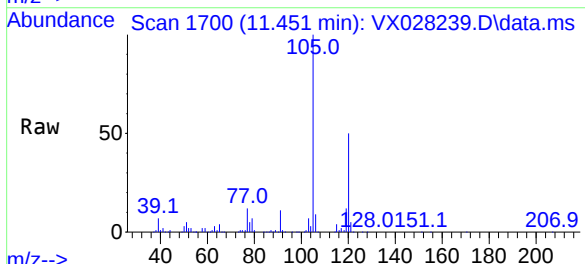
Instrument :
 MSVOA_X
 ClientSampleId :
 31573DL

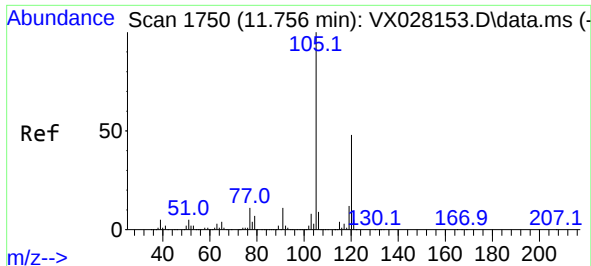
Tgt Ion:152 Resp: 346627
 Ion Ratio Lower Upper
 152 100
 115 57.2 37.5 112.7
 150 156.4 0.0 338.2



#80
 1,3,5-Trimethylbenzene
 Concen: 4.015 ug/l
 RT: 11.451 min Scan# 1700
 Delta R.T. -0.000 min
 Lab File: VX028239.D
 Acq: 21 Apr 2022 14:27

Tgt Ion:105 Resp: 81200
 Ion Ratio Lower Upper
 105 100
 120 49.1 24.3 72.9

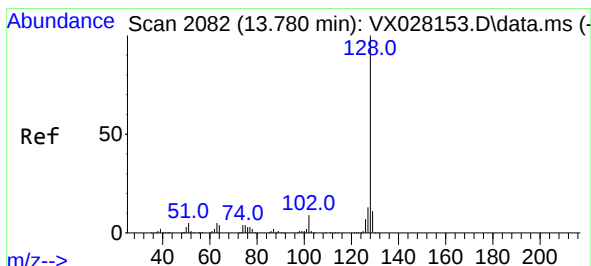
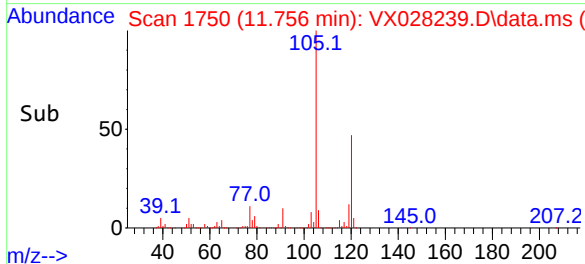
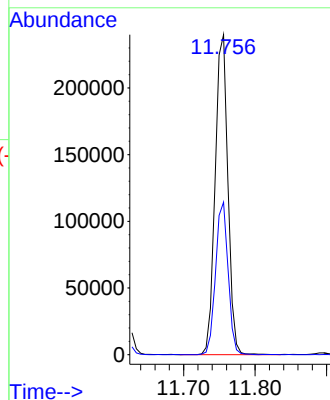
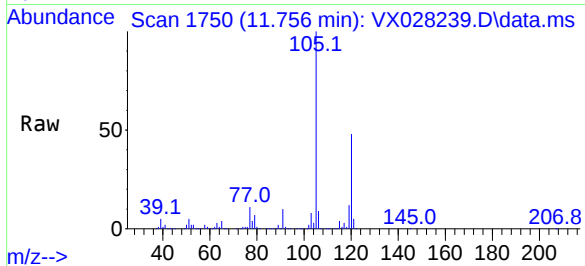




#84
1,2,4-Trimethylbenzene
Concen: 14.746 ug/l
RT: 11.756 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX028239.D
Acq: 21 Apr 2022 14:27

Instrument :
MSVOA_X
ClientSampleId :
31573DL

Tgt Ion:105 Resp: 296445
Ion Ratio Lower Upper
105 100
120 46.9 22.6 67.8



#95
Naphthalene
Concen: 2.165 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX028239.D
Acq: 21 Apr 2022 14:27

Tgt Ion:128 Resp: 49692
Ion Ratio Lower Upper
128 100
127 13.5 10.2 15.4
129 11.6 8.7 13.1

