

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060622\
 Data File : VX029235.D
 Acq On : 06 Jun 2022 13:37
 Operator : JC/MD
 Sample : N3174-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MID0622

Quant Time: Jun 07 06:04:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 01 04:45:42 2022
 Response via : Initial Calibration

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

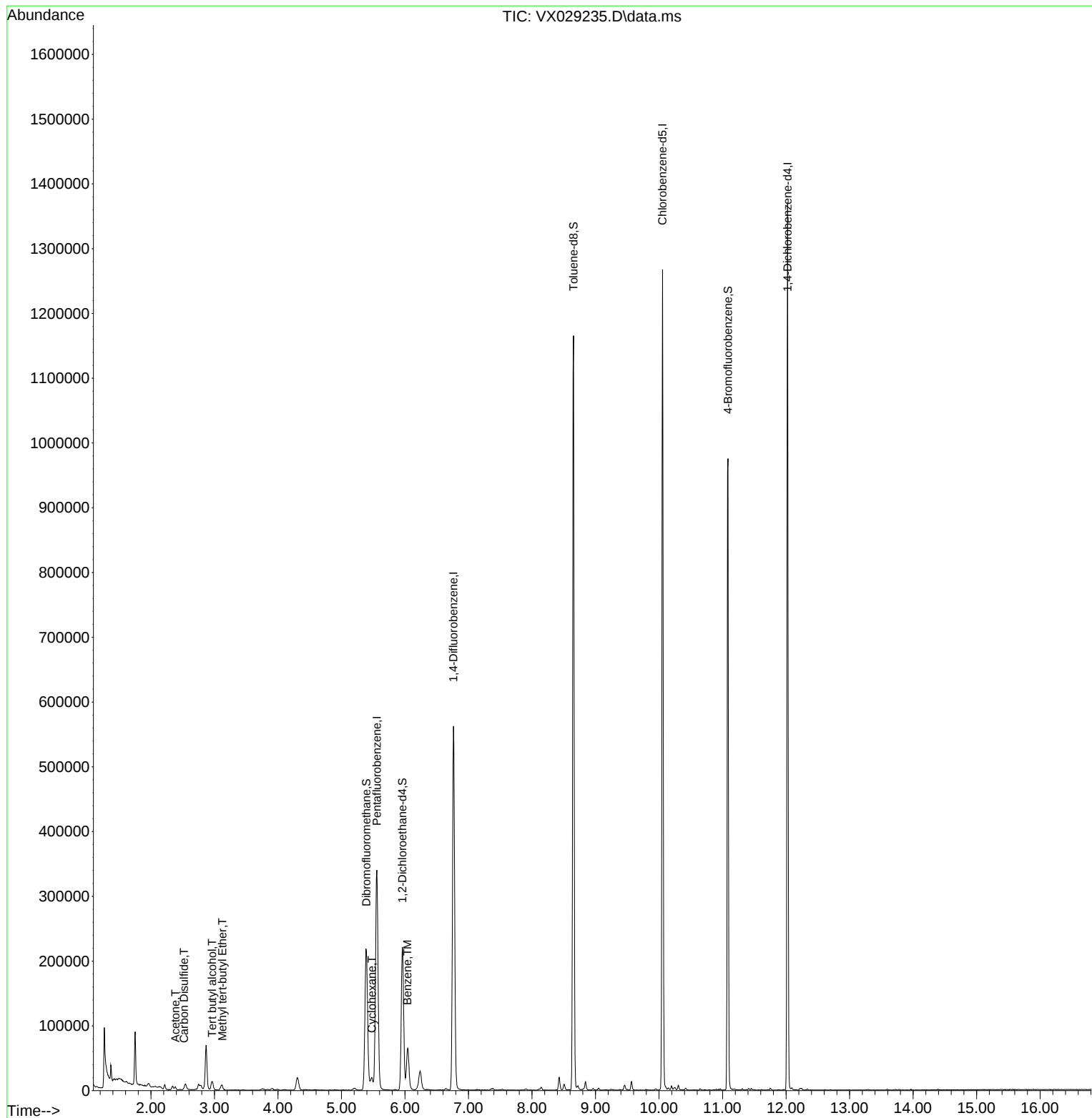
Internal Standards						
1) Pentafluorobenzene	5.556	168	317019	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	592378	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	580436	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	270915	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	214993	60.141	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 120.280%	
35) Dibromofluoromethane	5.391	113	197996	50.320	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 100.640%	
50) Toluene-d8	8.653	98	705245	49.006	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 98.020%	
62) 4-Bromofluorobenzene	11.085	95	283669	50.994	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 101.980%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.965	59	16160	19.514	ug/l	97
16) Acetone	2.386	43	4808	3.416	ug/l	91
17) Carbon Disulfide	2.520	76	3903	0.498	ug/l	99
19) Methyl tert-butyl Ether	3.123	73	6786	0.700	ug/l #	85
31) Cyclohexane	5.476	56	12288	2.644	ug/l	93
40) Benzene	6.037	78	81949	5.465	ug/l	97

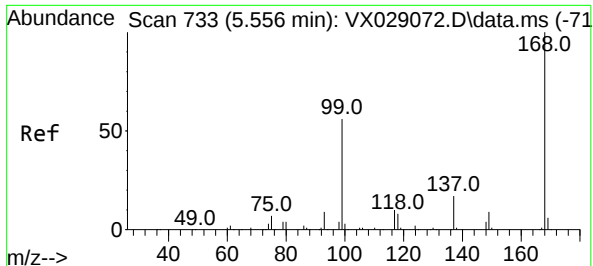
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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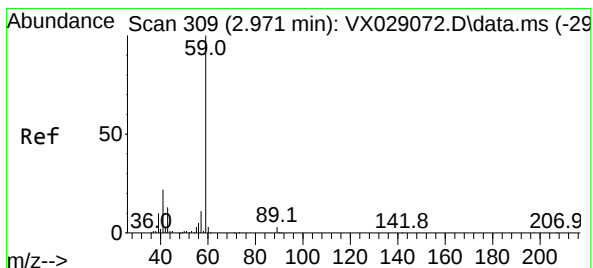
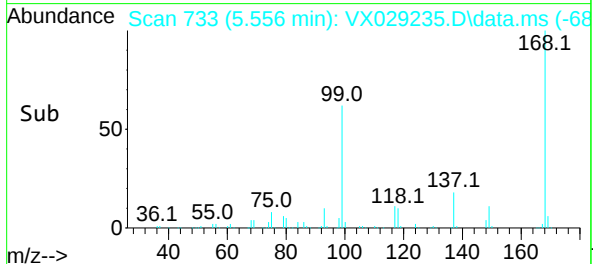
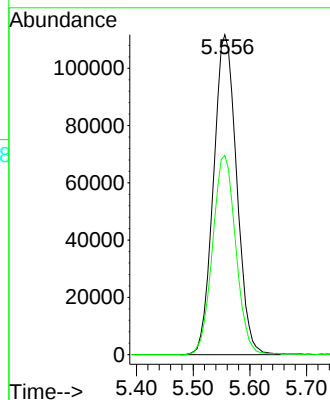
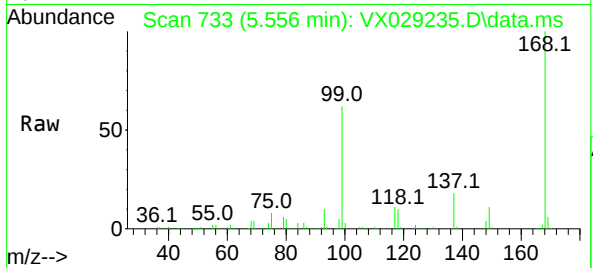




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029235.D
Acq: 06 Jun 2022 13:37

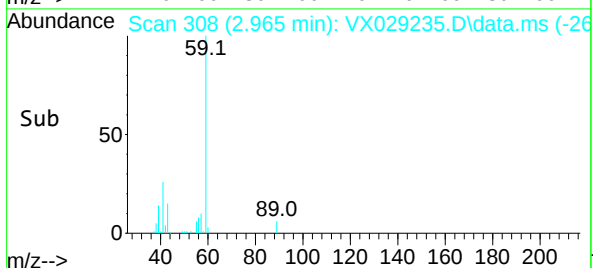
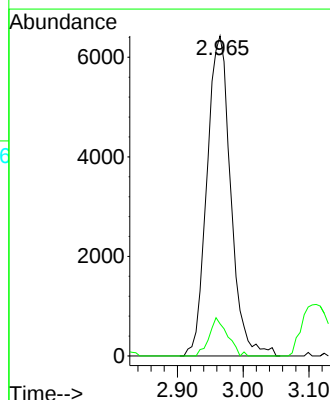
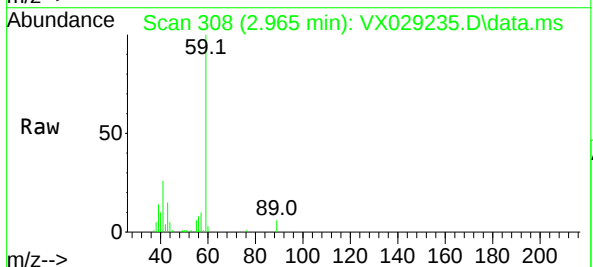
Instrument :
MSVOA_X
ClientSampleId :
MID0622

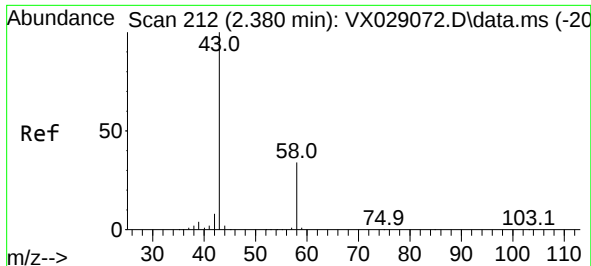
Tgt Ion:168 Resp: 317019
Ion Ratio Lower Upper
168 100
99 62.3 41.7 62.5



#11
Tert butyl alcohol
Concen: 19.514 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.006 min
Lab File: VX029235.D
Acq: 06 Jun 2022 13:37

Tgt Ion: 59 Resp: 16160
Ion Ratio Lower Upper
59 100
57 9.2 8.3 12.5

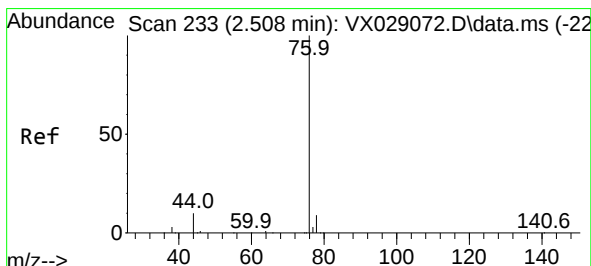
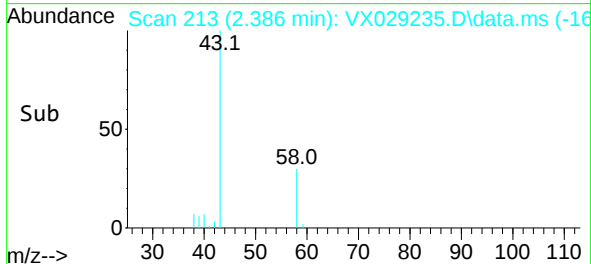
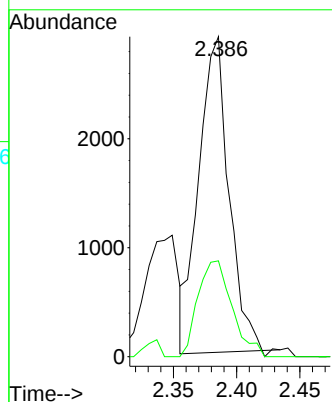
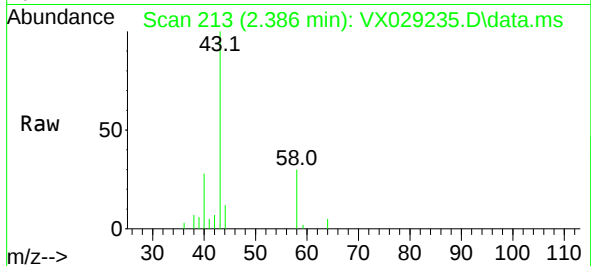




#16
Acetone
Concen: 3.416 ug/l
RT: 2.386 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX029235.D
Acq: 06 Jun 2022 13:37

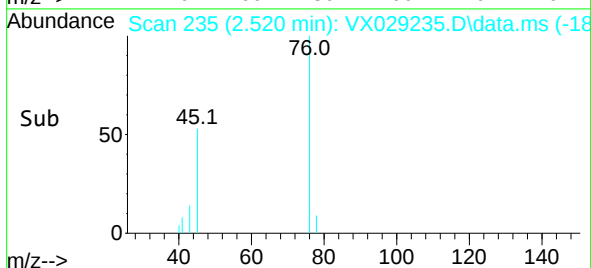
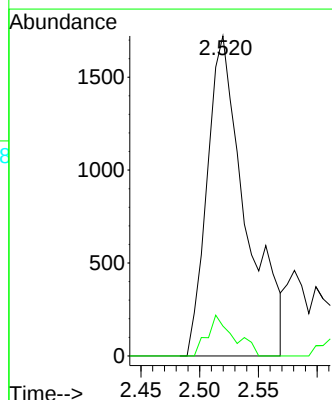
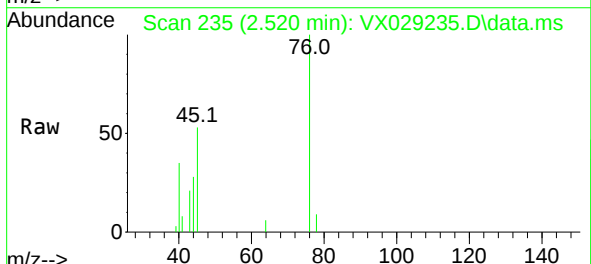
Instrument :
MSVOA_X
ClientSampleId :
MID0622

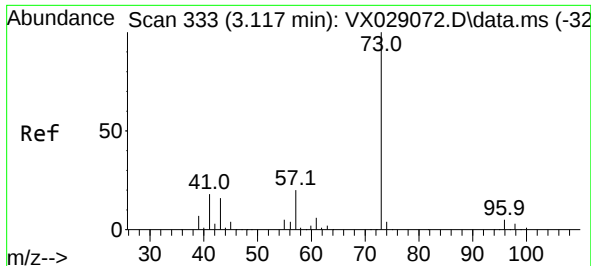
Tgt Ion: 43 Resp: 4808
Ion Ratio Lower Upper
43 100
58 30.6 28.8 43.2



#17
Carbon Disulfide
Concen: 0.498 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.012 min
Lab File: VX029235.D
Acq: 06 Jun 2022 13:37

Tgt Ion: 76 Resp: 3903
Ion Ratio Lower Upper
76 100
78 9.3 7.2 10.8

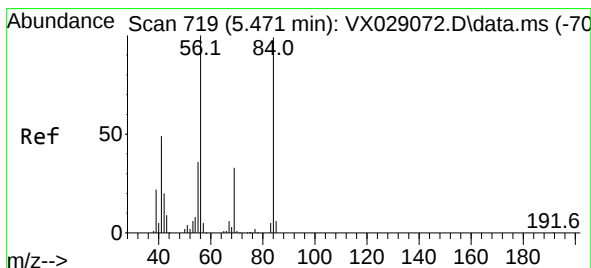
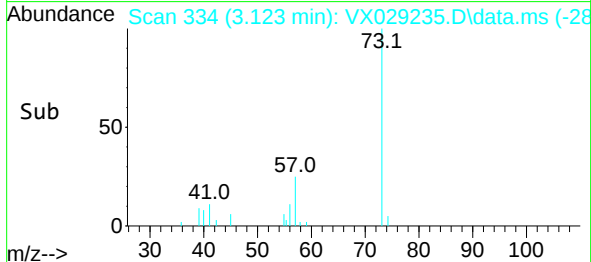
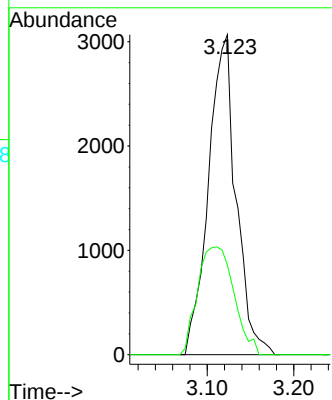
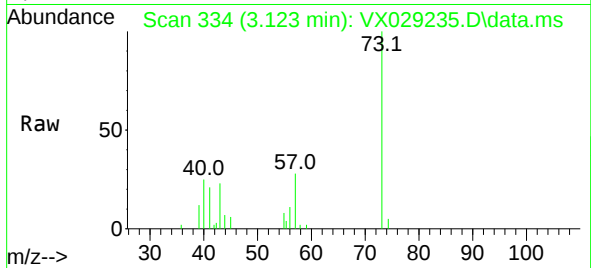




#19
Methyl tert-butyl Ether
Concen: 0.700 ug/l
RT: 3.123 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX029235.D
Acq: 06 Jun 2022 13:37

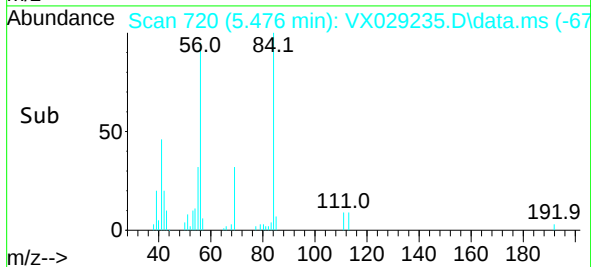
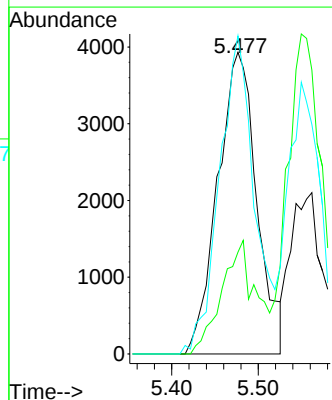
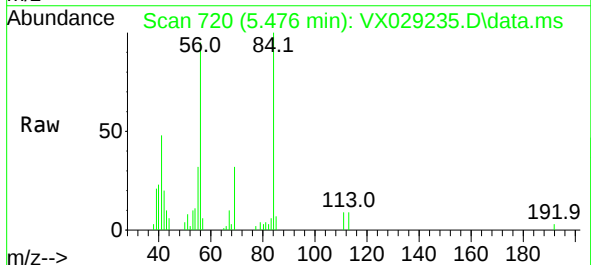
Instrument :
MSVOA_X
ClientSampleId :
MID0622

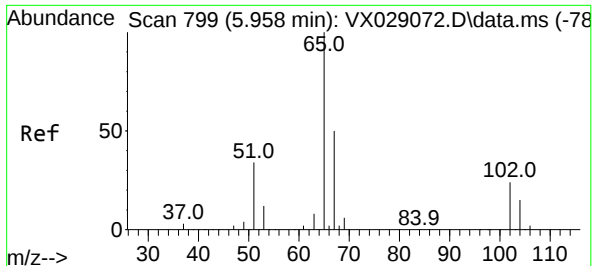
Tgt Ion: 73 Resp: 6786
Ion Ratio Lower Upper
73 100
57 28.0 16.8 25.2#



#31
Cyclohexane
Concen: 2.644 ug/l
RT: 5.476 min Scan# 720
Delta R.T. 0.005 min
Lab File: VX029235.D
Acq: 06 Jun 2022 13:37

Tgt Ion: 56 Resp: 12288
Ion Ratio Lower Upper
56 100
69 33.7 26.7 40.1
84 105.4 77.2 115.8





#33

1,2-Dichloroethane-d4

Concen: 60.141 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX029235.D

Acq: 06 Jun 2022 13:37

Instrument :

MSVOA_X

ClientSampleId :

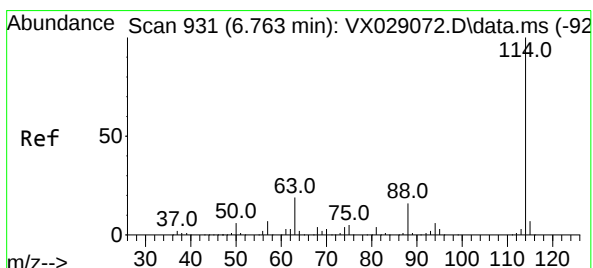
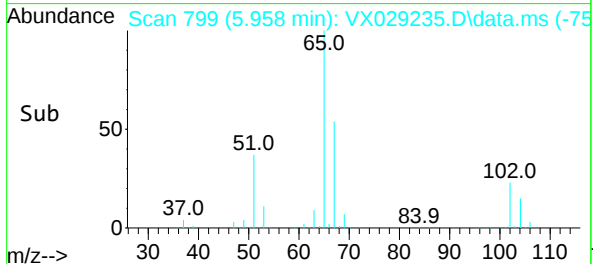
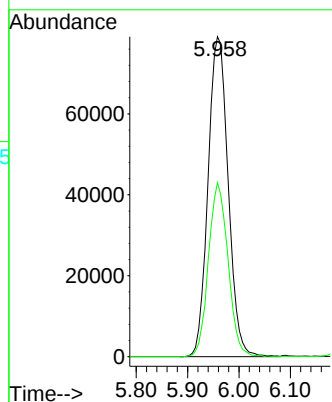
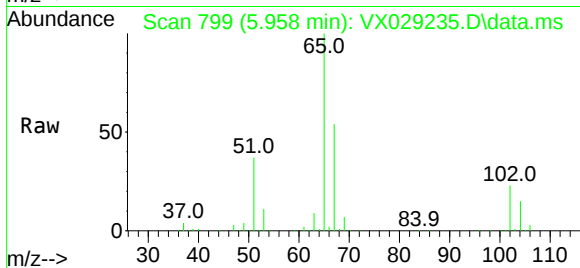
MID0622

Tgt Ion: 65 Resp: 214993

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# 931

Delta R.T. -0.000 min

Lab File: VX029235.D

Acq: 06 Jun 2022 13:37

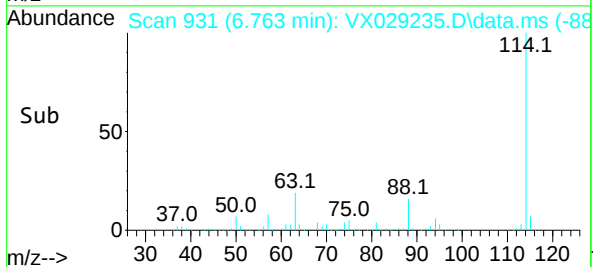
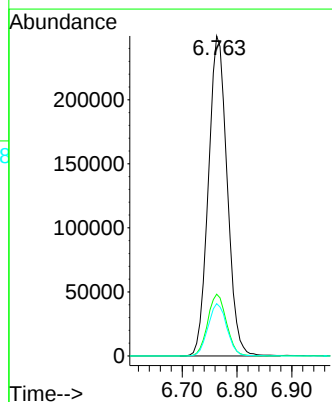
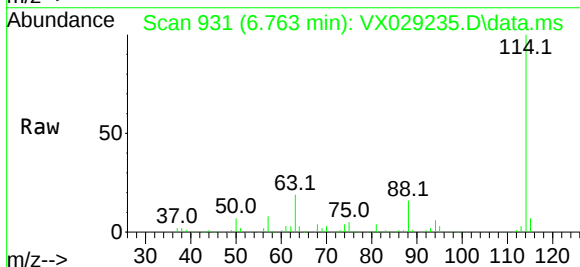
Tgt Ion: 114 Resp: 592378

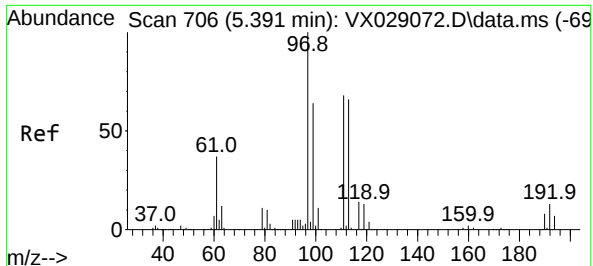
Ion Ratio Lower Upper

114 100

63 19.3 0.0 36.8

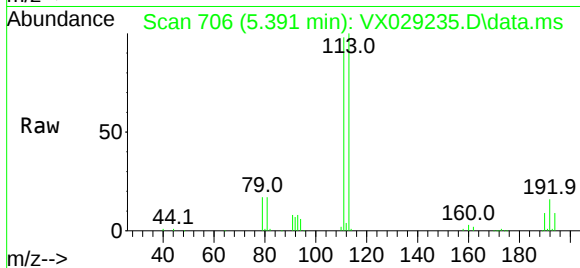
88 16.3 0.0 32.4



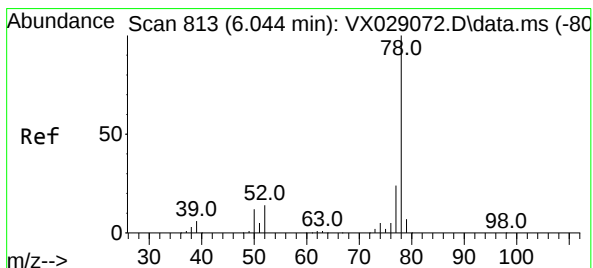
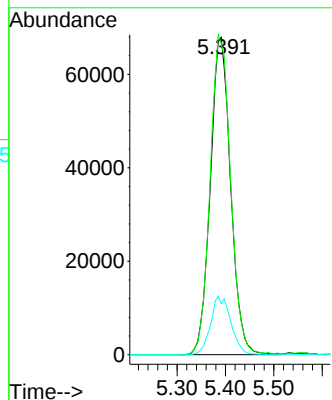
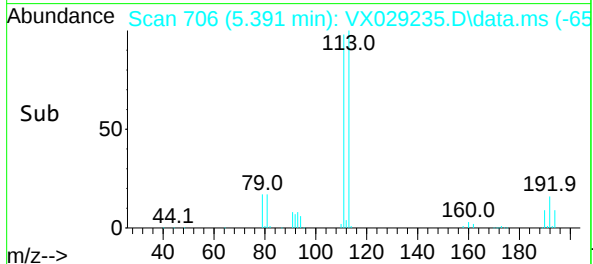


#35
Dibromofluoromethane
Concen: 50.320 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029235.D
Acq: 06 Jun 2022 13:37

Instrument :
MSVOA_X
ClientSampleId :
MID0622

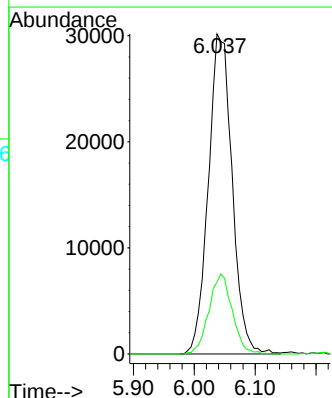
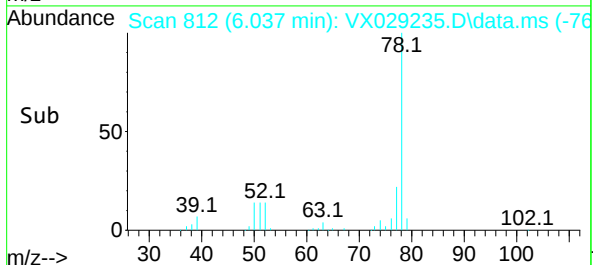
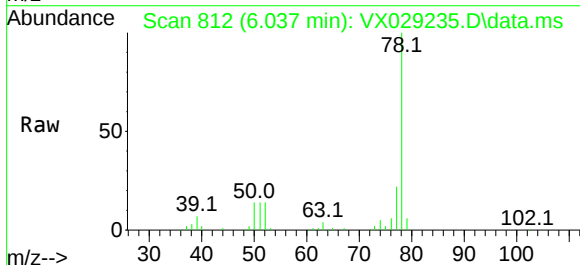


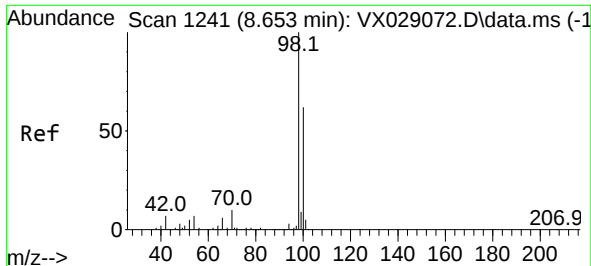
Tgt Ion:113 Resp: 197996
Ion Ratio Lower Upper
113 100
111 101.9 82.8 124.2
192 18.4 16.9 25.3



#40
Benzene
Concen: 5.465 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.007 min
Lab File: VX029235.D
Acq: 06 Jun 2022 13:37

Tgt Ion: 78 Resp: 81949
Ion Ratio Lower Upper
78 100
77 22.5 19.3 28.9

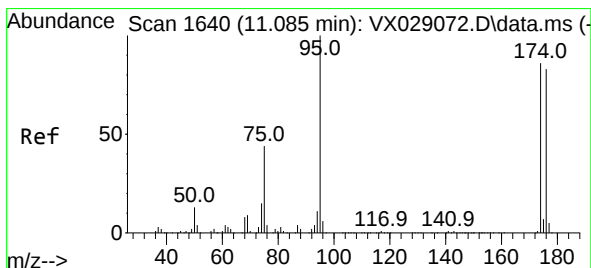
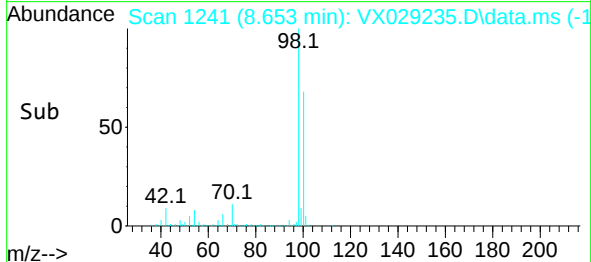
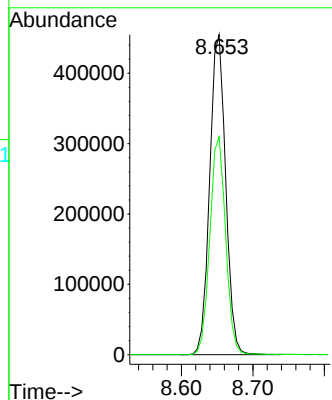
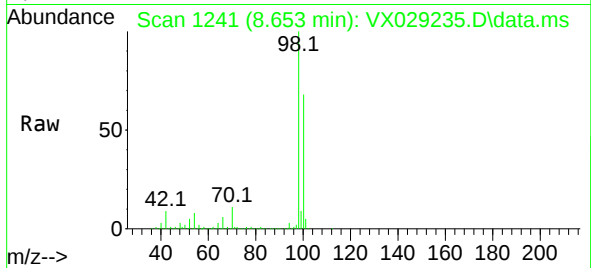




#50
Toluene-d8
Concen: 49.006 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX029235.D
Acq: 06 Jun 2022 13:37

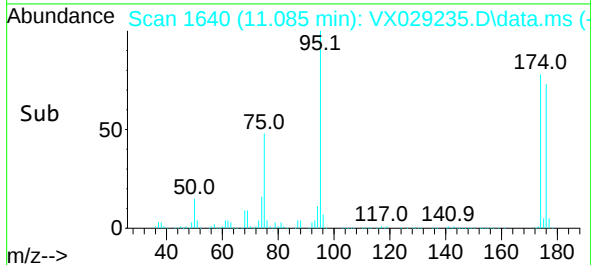
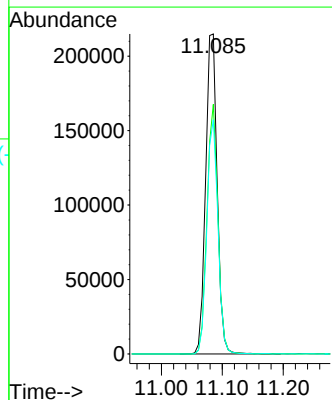
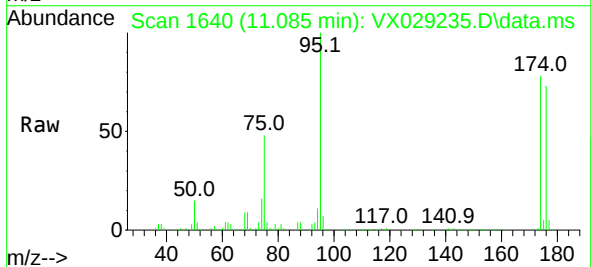
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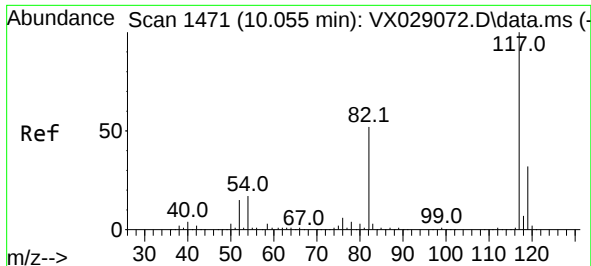
Tgt Ion: 98 Resp: 705245
Ion Ratio Lower Upper
98 100
100 67.4 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 50.994 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX029235.D
Acq: 06 Jun 2022 13:37

Tgt Ion: 95 Resp: 283669
Ion Ratio Lower Upper
95 100
174 74.1 0.0 163.0
176 70.4 0.0 155.0

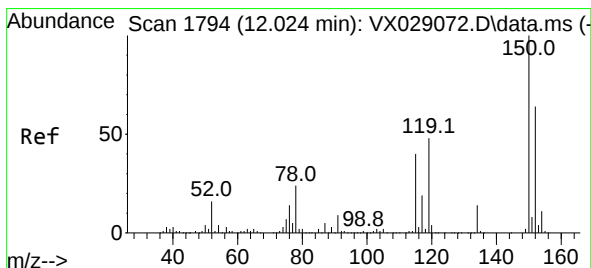
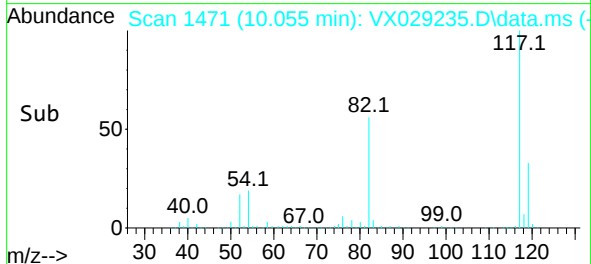
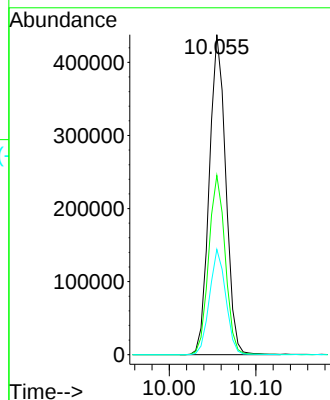
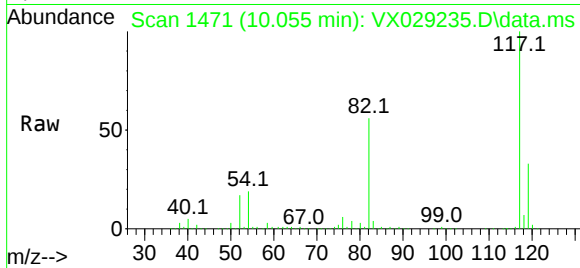




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX029235.D
Acq: 06 Jun 2022 13:37

Instrument :
MSVOA_X
ClientSampleId :
MID0622

Tgt Ion:117 Resp: 580436
Ion Ratio Lower Upper
117 100
82 56.0 41.8 62.8
119 32.9 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX029235.D
Acq: 06 Jun 2022 13:37

Tgt Ion:152 Resp: 270915
Ion Ratio Lower Upper
152 100
115 64.0 37.5 112.7
150 160.1 0.0 338.2

