

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052722\
 Data File : VX029027.D
 Acq On : 27 May 2022 16:24
 Operator : JC/MD
 Sample : N2968-06 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-28

Quant Time: May 27 22:10:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

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

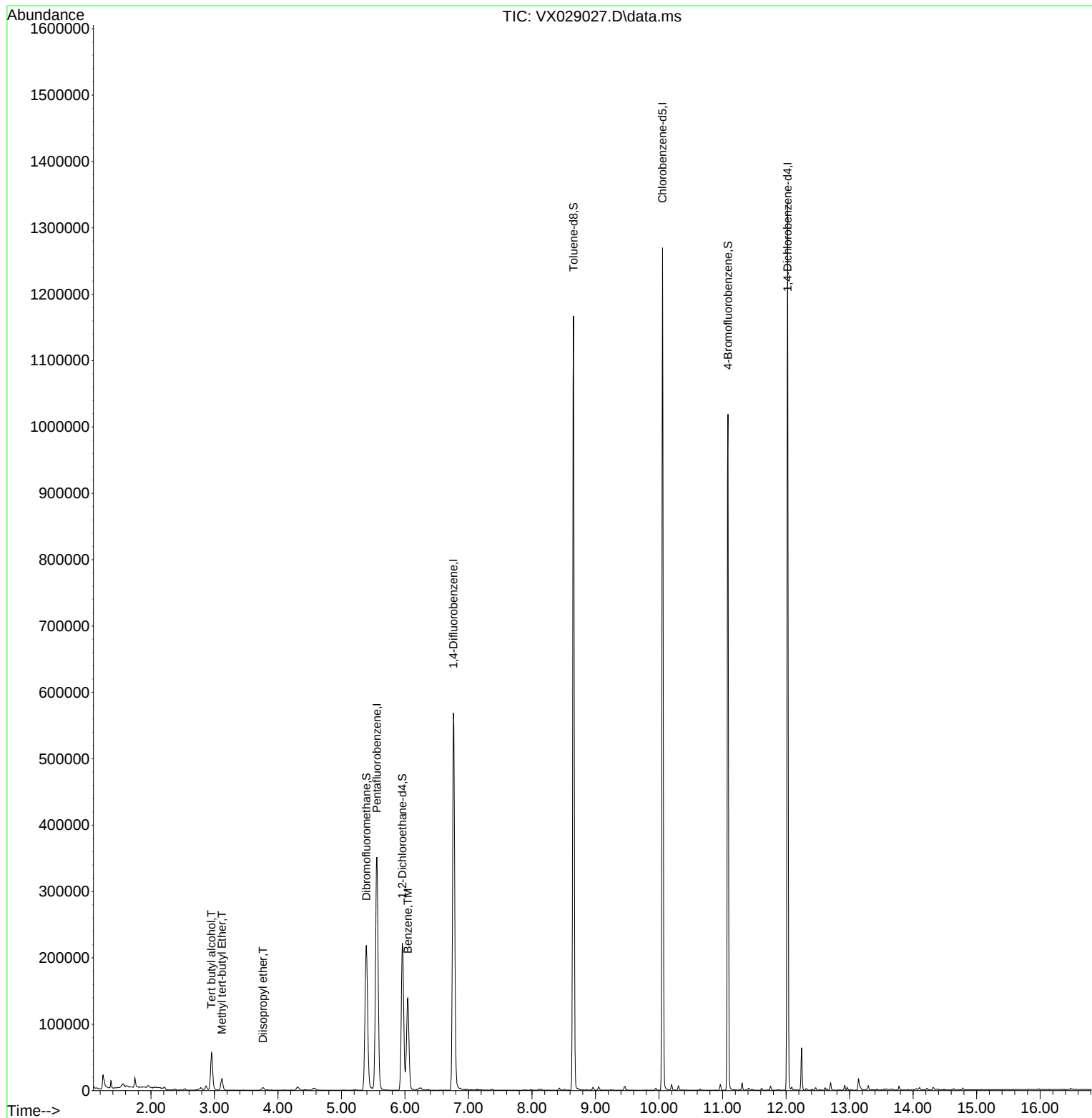
Internal Standards						
1) Pentafluorobenzene	5.556	168	338024	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	599247	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	575763	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	273855	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	217911	47.029	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	94.060%
35) Dibromofluoromethane	5.391	113	196222	49.978	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.960%
50) Toluene-d8	8.653	98	708327	47.852	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.700%
62) 4-Bromofluorobenzene	11.085	95	281792	50.968	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	101.940%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.952	59	61150	55.995	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	19010	1.531	ug/l	98
22) Diisopropyl ether	3.763	45	4248	0.354	ug/l #	86
40) Benzene	6.043	78	176060	10.388	ug/l	98

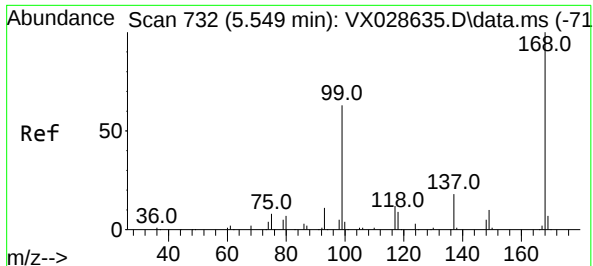
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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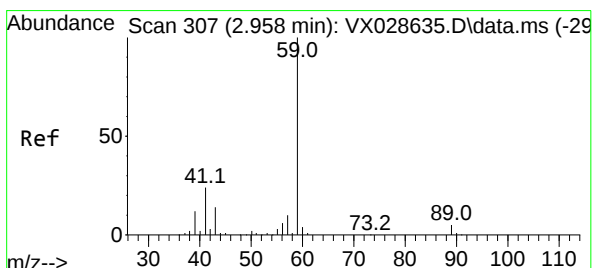
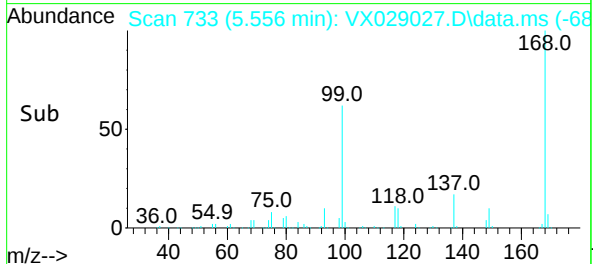
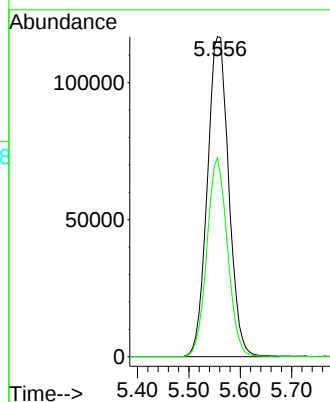
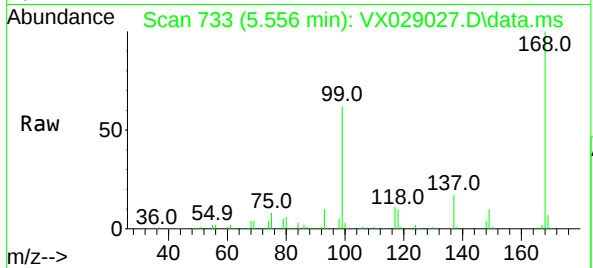




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX029027.D
Acq: 27 May 2022 16:24

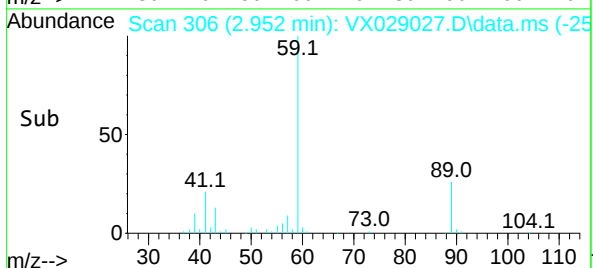
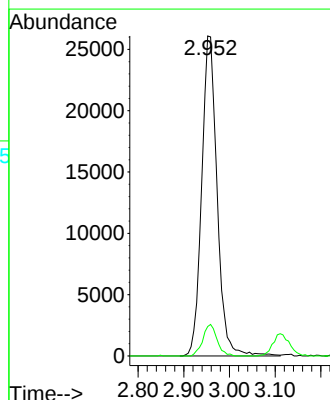
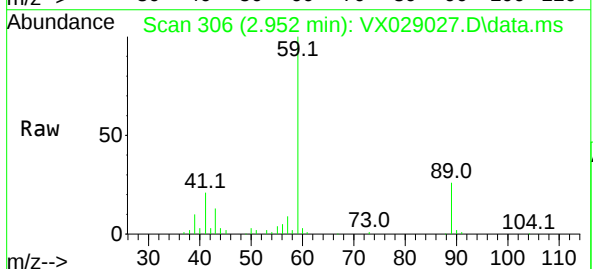
Instrument :
MSVOA_X
ClientSampleId :
MW-28

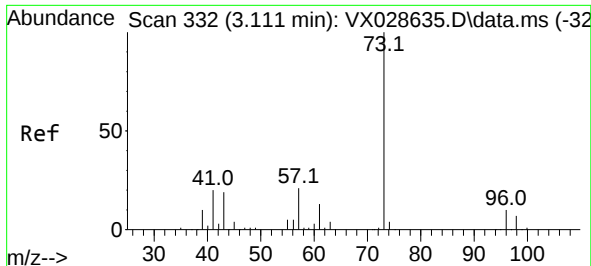
Tgt Ion:168 Resp: 338024
Ion Ratio Lower Upper
168 100
99 62.2 41.7 62.5



#11
Tert butyl alcohol
Concen: 55.995 ug/l
RT: 2.952 min Scan# 306
Delta R.T. -0.006 min
Lab File: VX029027.D
Acq: 27 May 2022 16:24

Tgt Ion: 59 Resp: 61150
Ion Ratio Lower Upper
59 100
57 9.1 8.3 12.5

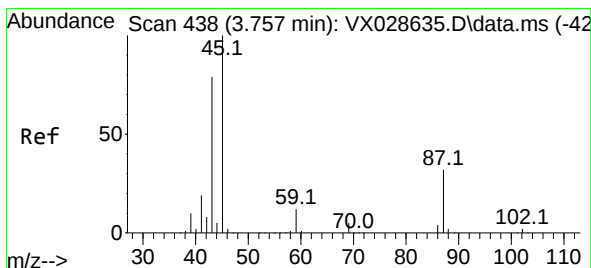
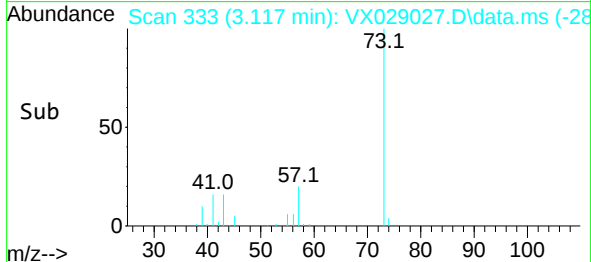
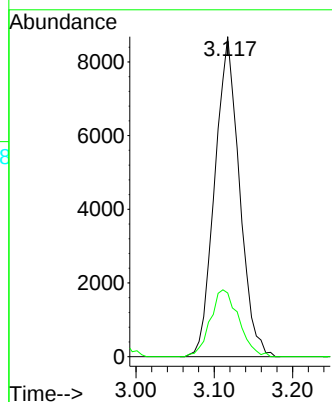
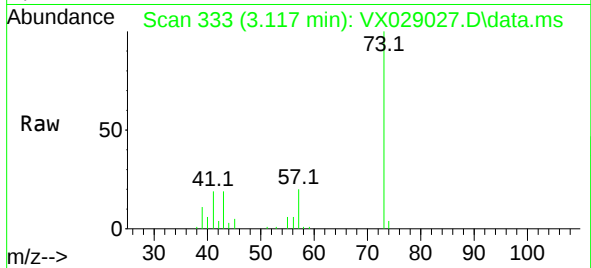




#19
Methyl tert-butyl Ether
Concen: 1.531 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX029027.D
Acq: 27 May 2022 16:24

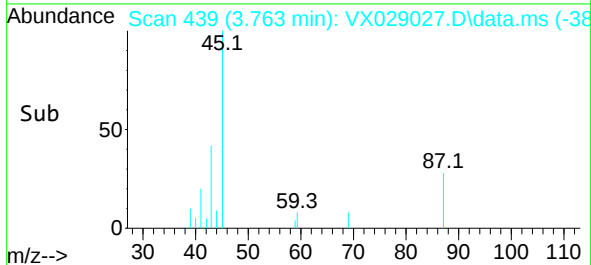
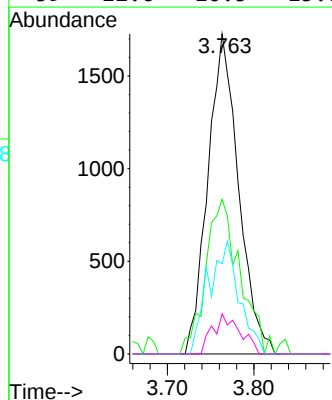
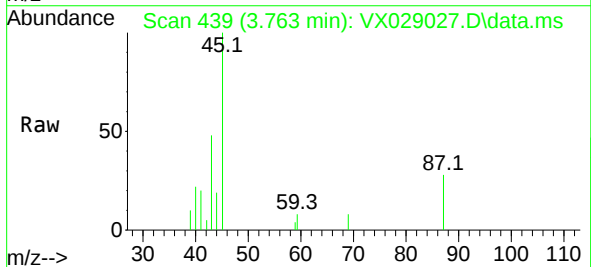
Instrument :
MSVOA_X
ClientSampleId :
MW-28

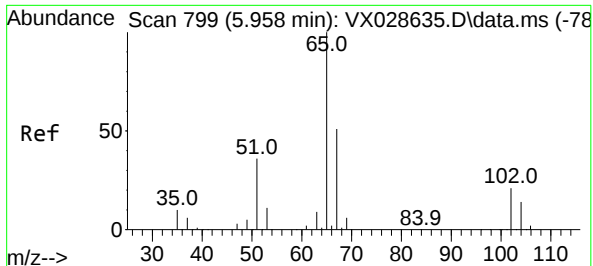
Tgt Ion: 73 Resp: 19010
Ion Ratio Lower Upper
73 100
57 19.9 16.8 25.2



#22
Diisopropyl ether
Concen: 0.354 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.006 min
Lab File: VX029027.D
Acq: 27 May 2022 16:24

Tgt Ion: 45 Resp: 4248
Ion Ratio Lower Upper
45 100
43 48.3 50.8 76.2#
87 28.3 26.6 39.8
59 12.6 10.5 15.7





#33

1,2-Dichloroethane-d4

Concen: 47.029 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX029027.D

Acq: 27 May 2022 16:24

Instrument :

MSVOA_X

ClientSampleId :

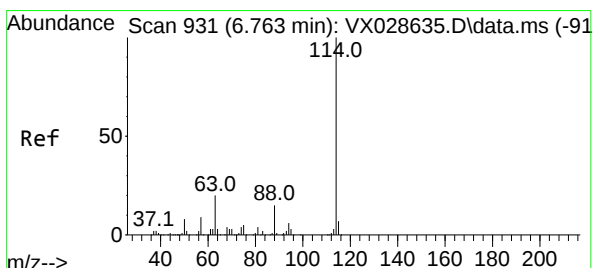
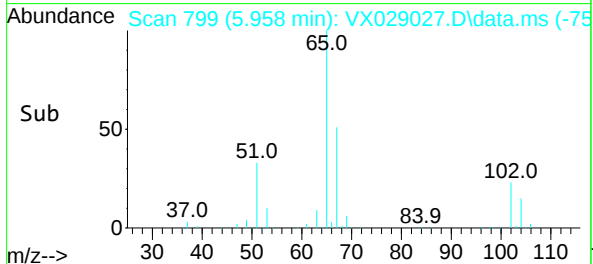
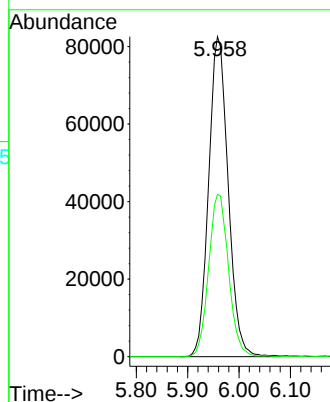
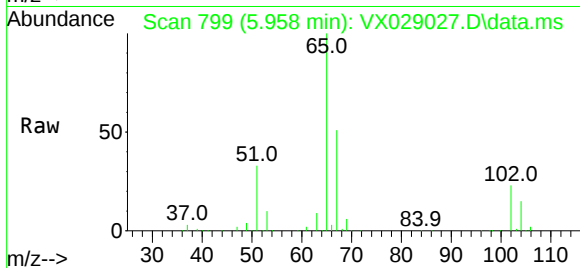
MW-28

Tgt Ion: 65 Resp: 217911

Ion Ratio Lower Upper

65 100

67 51.7 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: VX029027.D

Acq: 27 May 2022 16:24

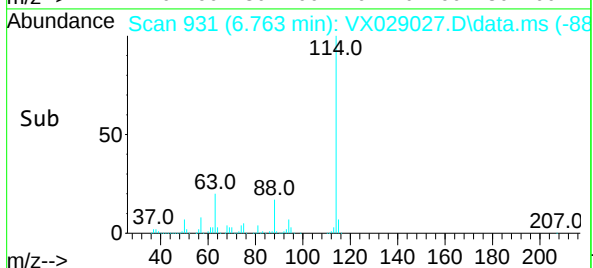
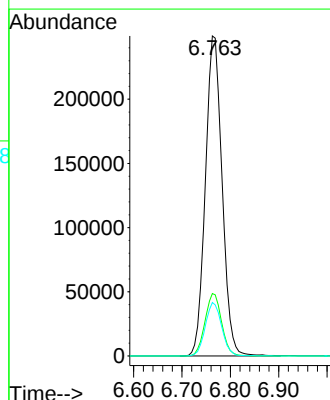
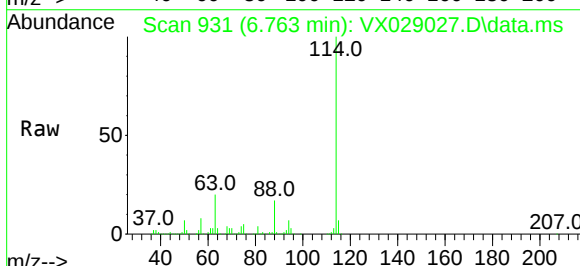
Tgt Ion: 114 Resp: 599247

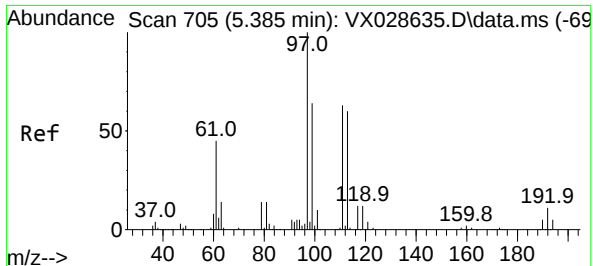
Ion Ratio Lower Upper

114 100

63 19.5 0.0 36.8

88 16.7 0.0 32.4

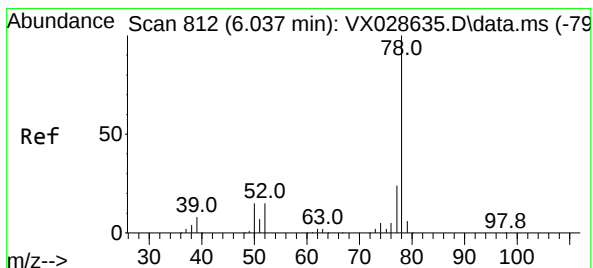
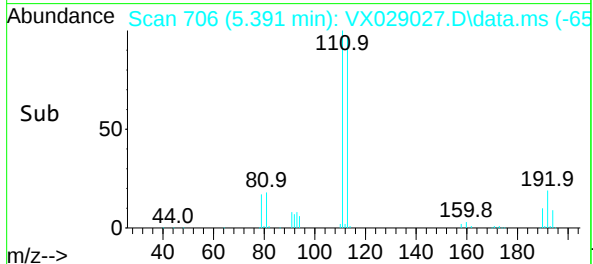
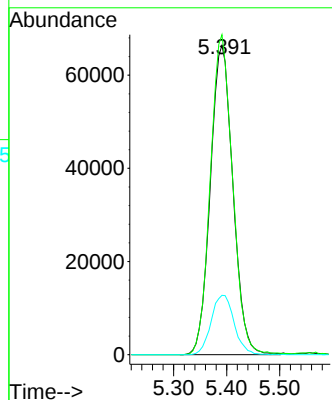
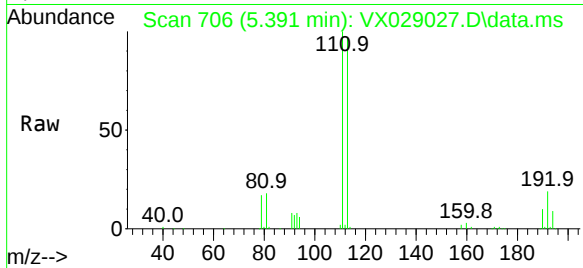




#35
Dibromofluoromethane
Concen: 49.978 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX029027.D
Acq: 27 May 2022 16:24

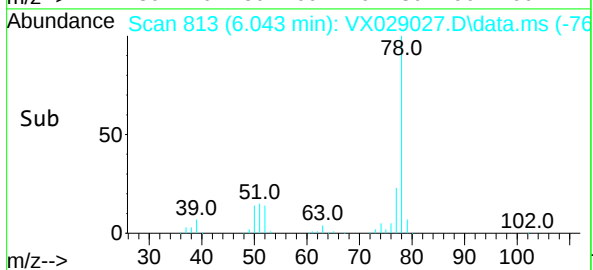
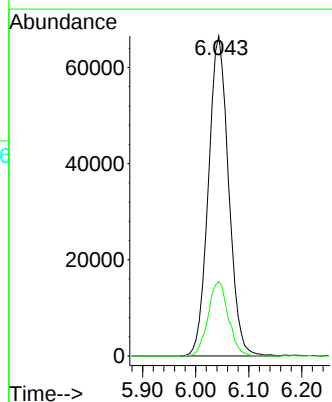
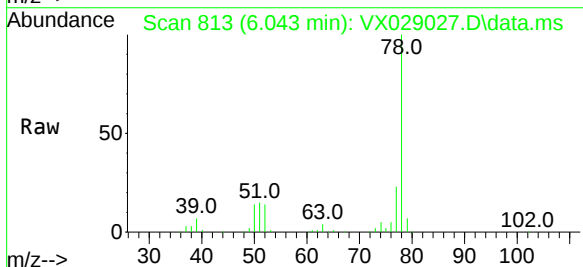
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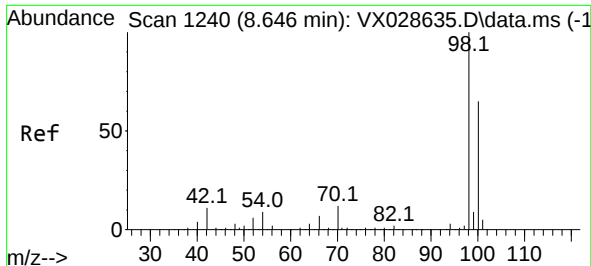
Tgt Ion:113 Resp: 196222
Ion Ratio Lower Upper
113 100
111 101.8 82.8 124.2
192 19.6 16.9 25.3



#40
Benzene
Concen: 10.388 ug/l
RT: 6.043 min Scan# 813
Delta R.T. 0.006 min
Lab File: VX029027.D
Acq: 27 May 2022 16:24

Tgt Ion: 78 Resp: 176060
Ion Ratio Lower Upper
78 100
77 23.3 19.3 28.9

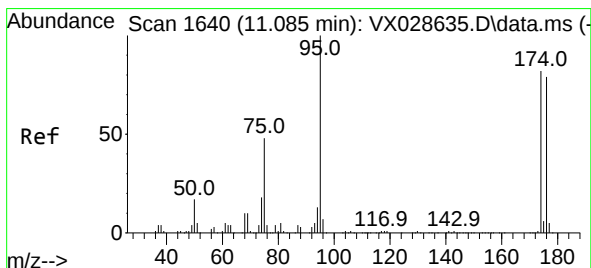
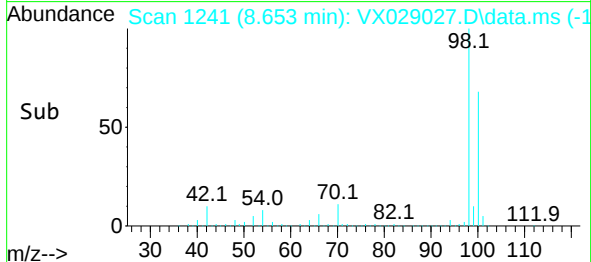
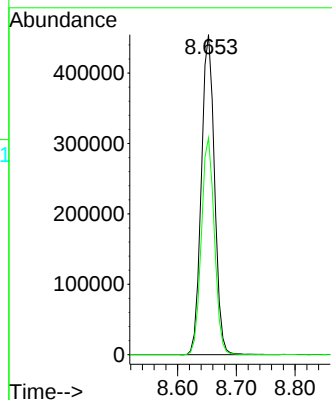
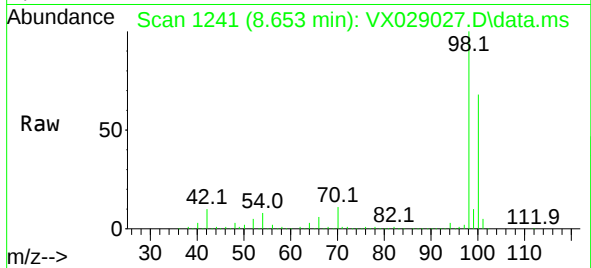




#50
Toluene-d8
Concen: 47.852 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.007 min
Lab File: VX029027.D
Acq: 27 May 2022 16:24

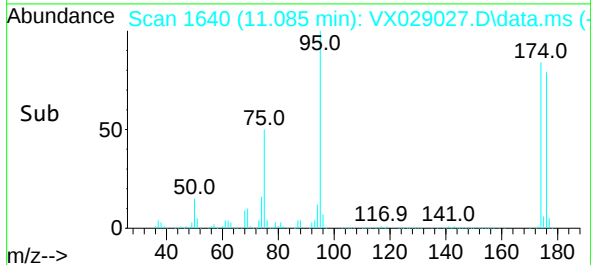
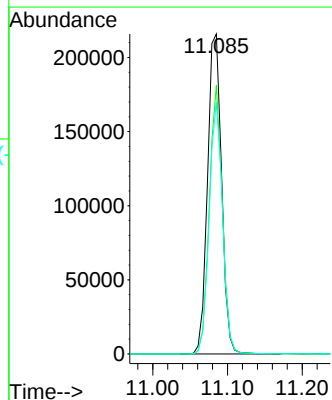
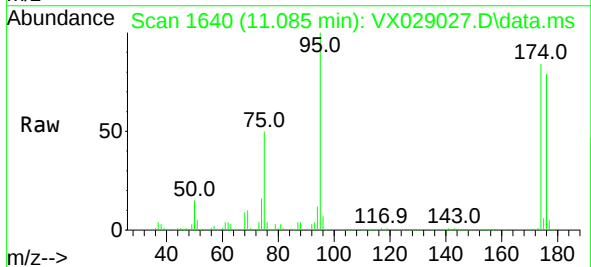
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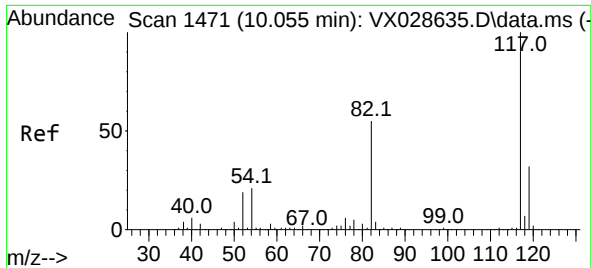
Tgt Ion: 98 Resp: 708327
Ion Ratio Lower Upper
98 100
100 67.2 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 50.968 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX029027.D
Acq: 27 May 2022 16:24

Tgt Ion: 95 Resp: 281792
Ion Ratio Lower Upper
95 100
174 77.8 0.0 163.0
176 74.7 0.0 155.0

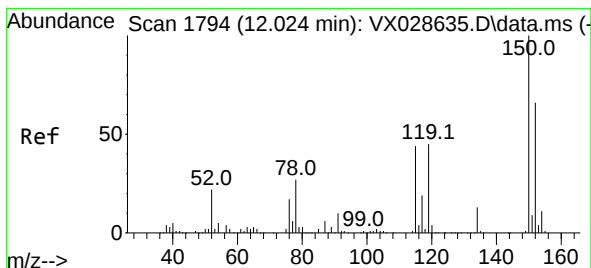
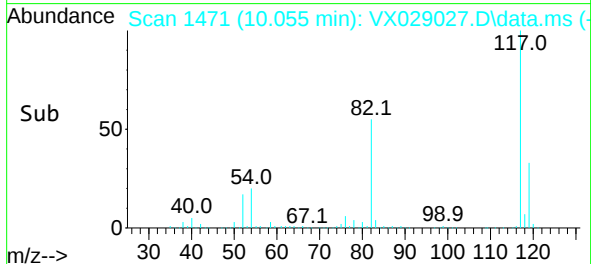
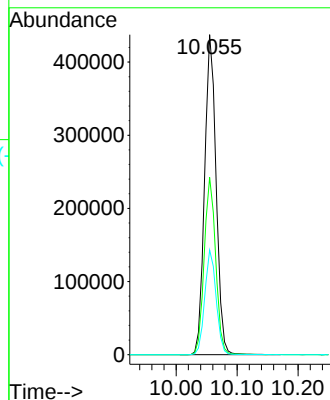
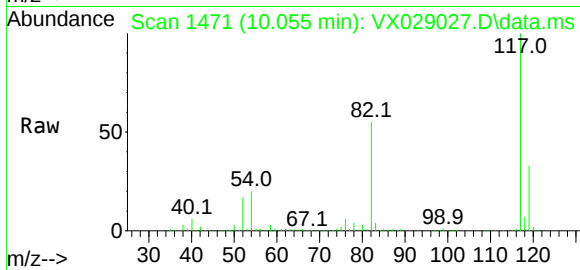




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX029027.D
Acq: 27 May 2022 16:24

Instrument :
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ClientSampleId :
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Tgt Ion:117 Resp: 575763
Ion Ratio Lower Upper
117 100
82 55.4 41.8 62.8
119 32.7 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: VX029027.D
Acq: 27 May 2022 16:24

Tgt Ion:152 Resp: 273855
Ion Ratio Lower Upper
152 100
115 60.7 37.5 112.7
150 157.3 0.0 338.2

