

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070722\
 Data File : VX029958.D
 Acq On : 07 Jul 2022 16:27
 Operator : JC/MD
 Sample : N3617-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-03

Quant Time: Jul 08 05:34:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 05:54:51 2022
 Response via : Initial Calibration

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

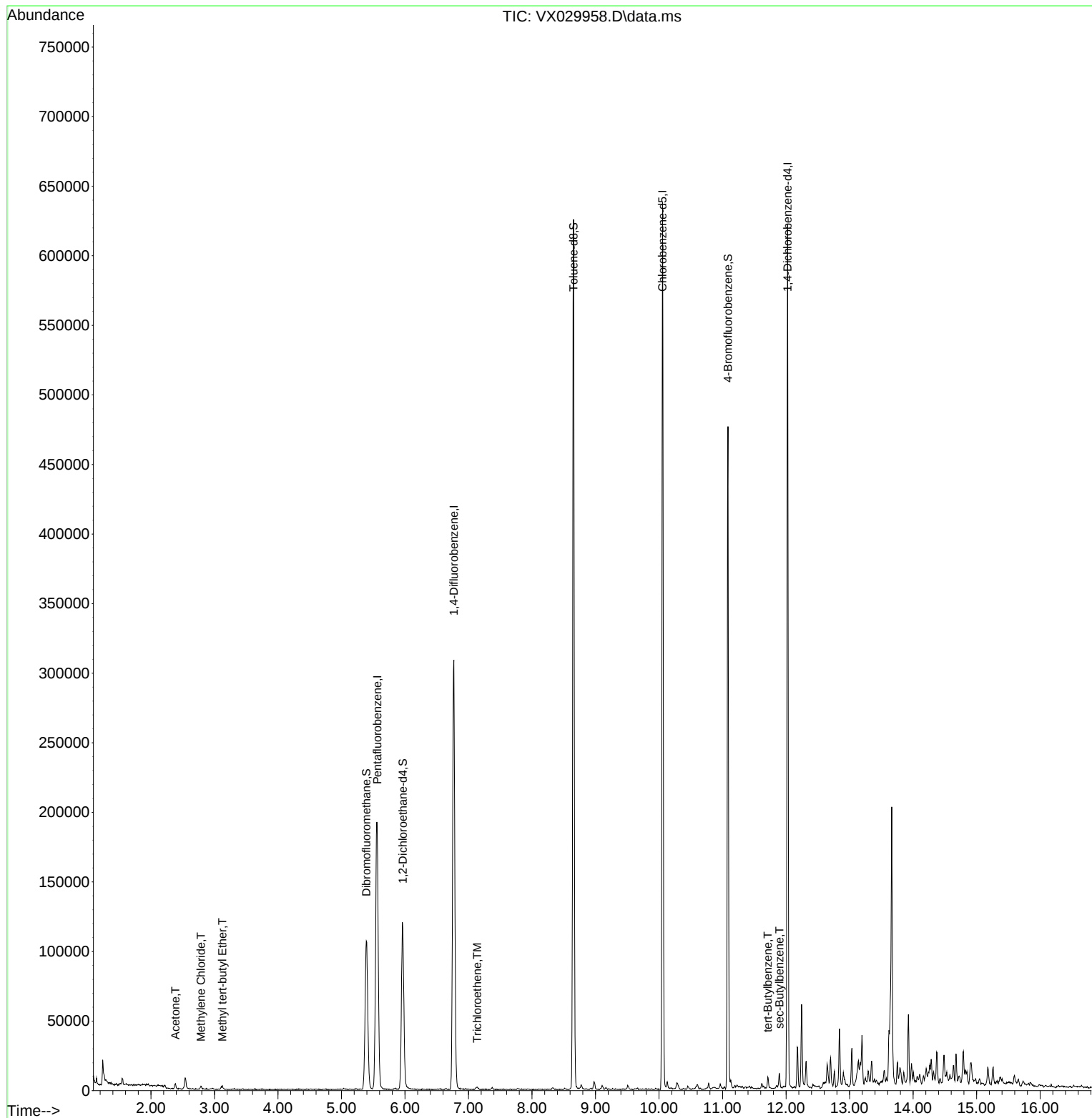
Internal Standards						
1) Pentafluorobenzene	5.562	168	194225	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	335660	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	295359	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	128368	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	106856	43.463	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	86.920%
35) Dibromofluoromethane	5.391	113	96890	46.189	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.380%
50) Toluene-d8	8.653	98	381516	48.481	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.960%
62) 4-Bromofluorobenzene	11.085	95	130601	46.949	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.900%
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	3984	3.312	ug/l	95
19) Methyl tert-butyl Ether	3.123	73	2152	0.319	ug/l #	81
20) Methylene Chloride	2.788	84	988	0.389	ug/l #	82
44) Trichloroethene	7.135	130	934	0.384	ug/l	93
83) tert-Butylbenzene	11.713	119	2645	0.346	ug/l	74
85) sec-Butylbenzene	11.896	105	5366	0.557	ug/l	95

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

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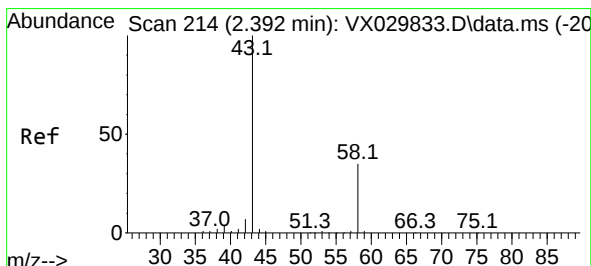
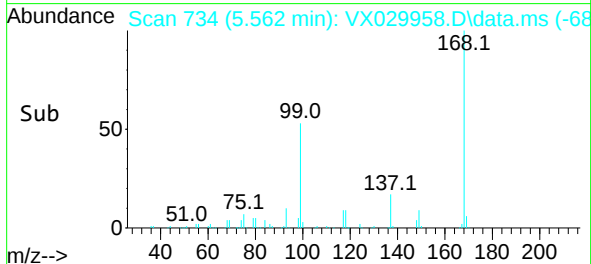
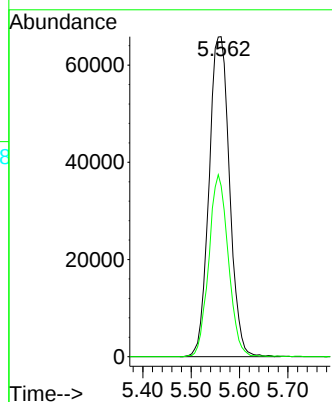
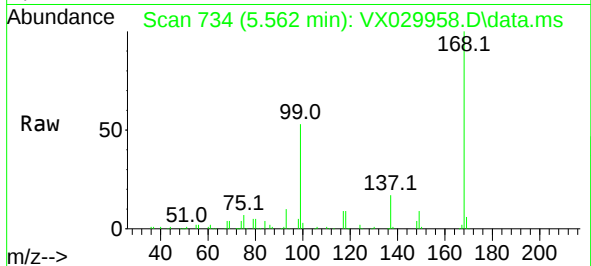




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX029958.D
Acq: 07 Jul 2022 16:27

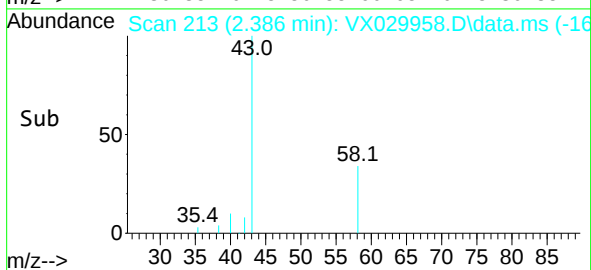
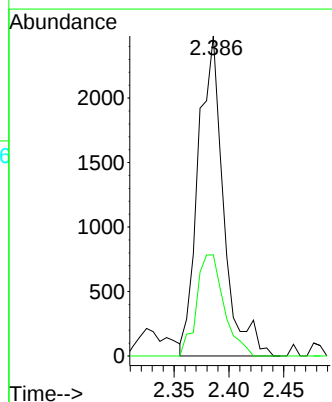
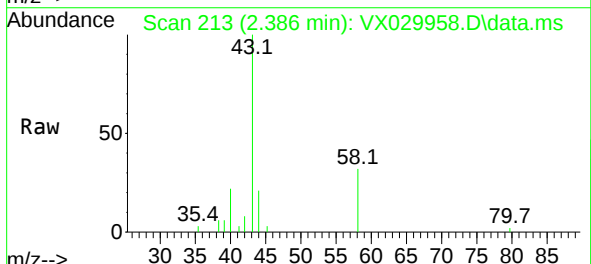
Instrument :
MSVOA_X
ClientSampleId :
MW-03

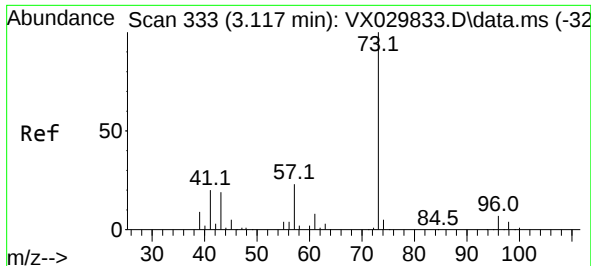
Tgt Ion:168 Resp: 194225
Ion Ratio Lower Upper
168 100
99 53.3 44.0 66.0



#16
Acetone
Concen: 3.312 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX029958.D
Acq: 07 Jul 2022 16:27

Tgt Ion: 43 Resp: 3984
Ion Ratio Lower Upper
43 100
58 31.6 27.7 41.5

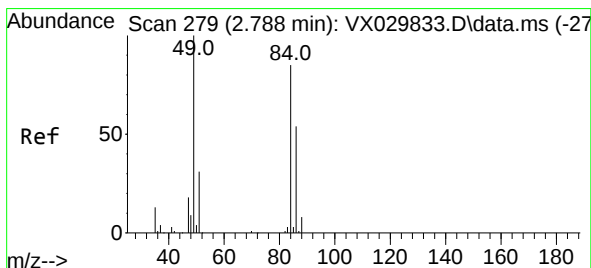
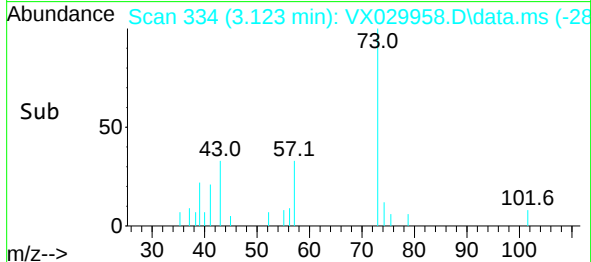
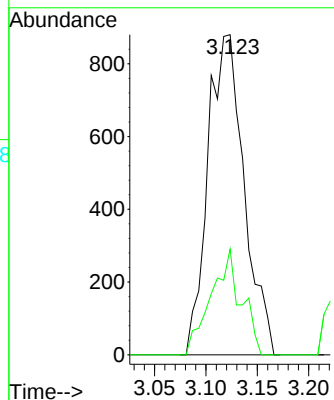
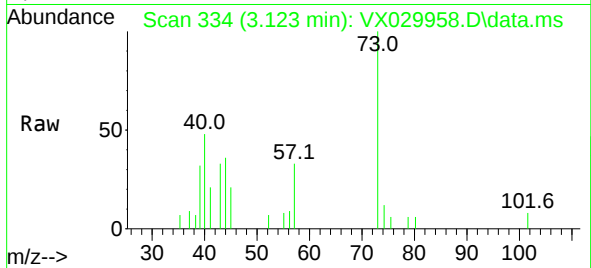




#19
Methyl tert-butyl Ether
Concen: 0.319 ug/l
RT: 3.123 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX029958.D
Acq: 07 Jul 2022 16:27

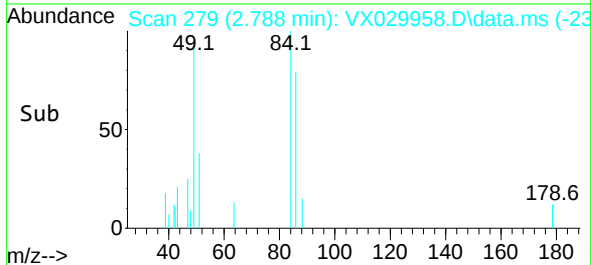
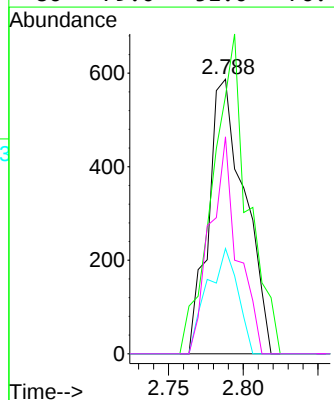
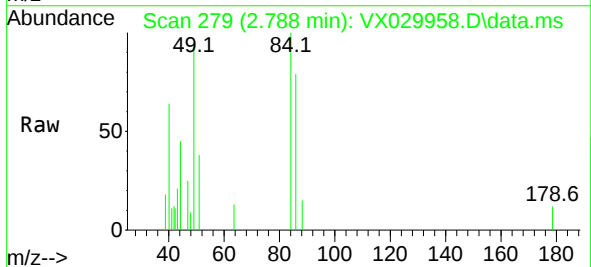
Instrument :
MSVOA_X
ClientSampleId :
MW-03

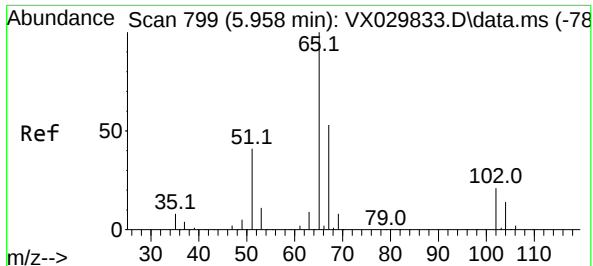
Tgt Ion: 73 Resp: 2152
Ion Ratio Lower Upper
73 100
57 33.1 19.0 28.6#



#20
Methylene Chloride
Concen: 0.389 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX029958.D
Acq: 07 Jul 2022 16:27

Tgt Ion: 84 Resp: 988
Ion Ratio Lower Upper
84 100
49 93.9 93.8 140.6
51 38.3 29.4 44.0
86 79.0 51.0 76.4#





#33

1,2-Dichloroethane-d4

Concen: 43.463 ug/l

RT: 5.964 min Scan# 80

Delta R.T. 0.006 min

Lab File: VX029958.D

Acq: 07 Jul 2022 16:27

Instrument :

MSVOA_X

ClientSampleId :

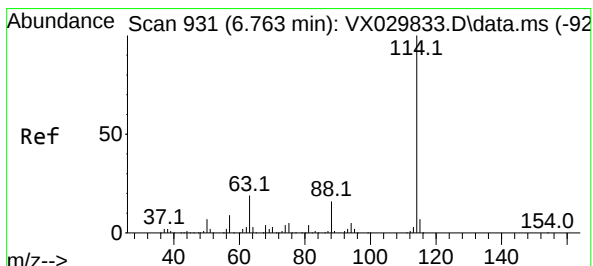
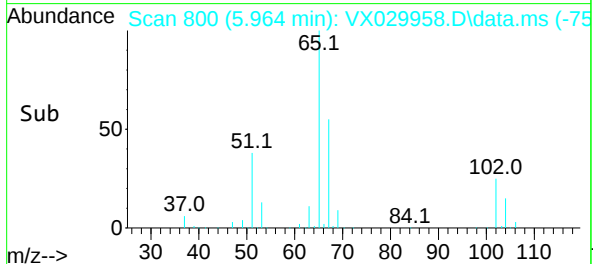
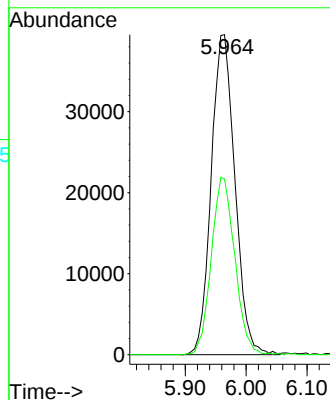
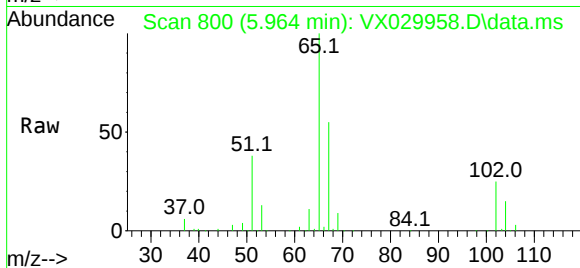
MW-03

Tgt Ion: 65 Resp: 106856

Ion Ratio Lower Upper

65 100

67 55.0 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.006 min

Lab File: VX029958.D

Acq: 07 Jul 2022 16:27

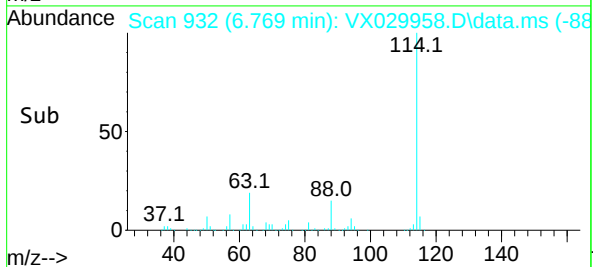
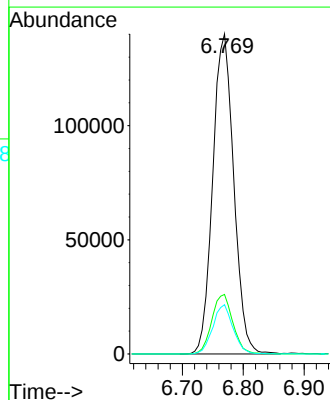
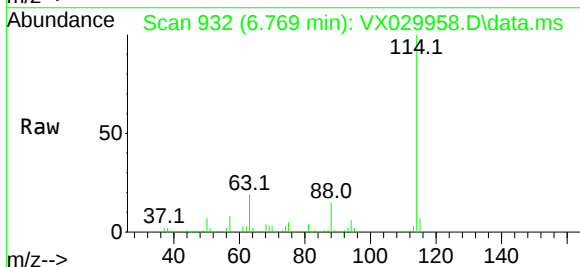
Tgt Ion: 114 Resp: 335660

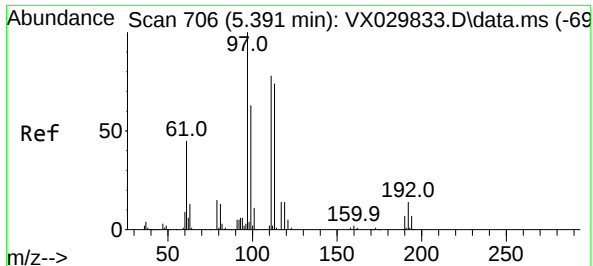
Ion Ratio Lower Upper

114 100

63 18.6 0.0 38.4

88 15.4 0.0 31.8

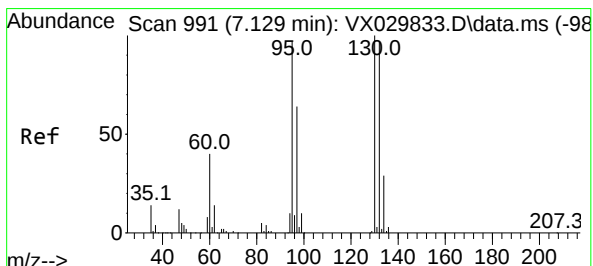
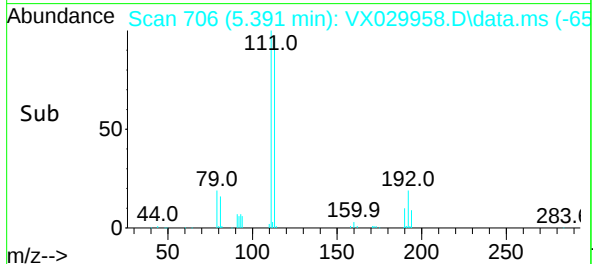
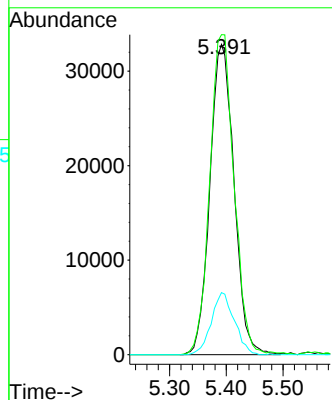
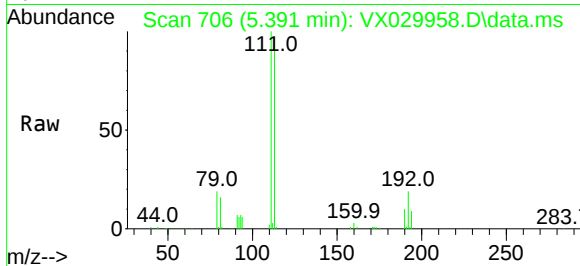




#35
Dibromofluoromethane
Concen: 46.189 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029958.D
Acq: 07 Jul 2022 16:27

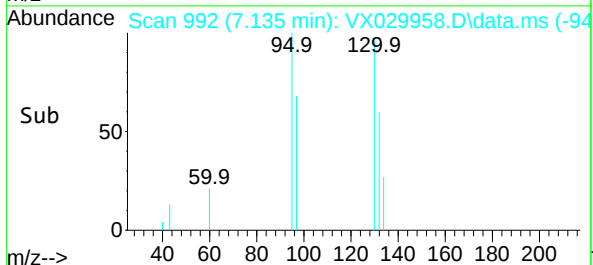
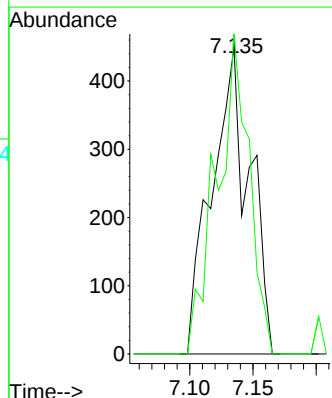
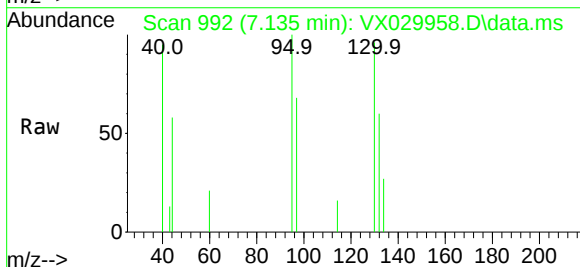
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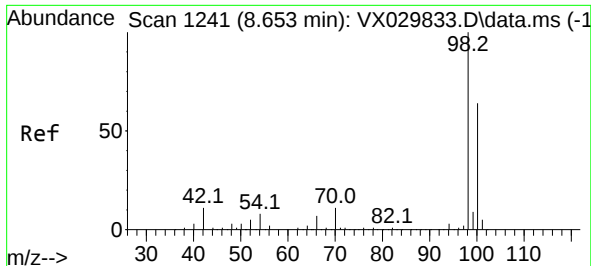
Tgt Ion:113 Resp: 96890
Ion Ratio Lower Upper
113 100
111 103.6 83.2 124.8
192 19.1 14.8 22.2



#44
Trichloroethene
Concen: 0.384 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX029958.D
Acq: 07 Jul 2022 16:27

Tgt Ion:130 Resp: 934
Ion Ratio Lower Upper
130 100
95 104.2 0.0 194.8

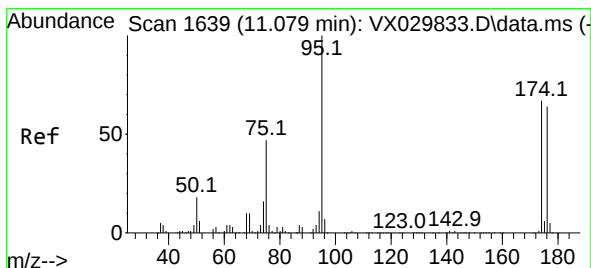
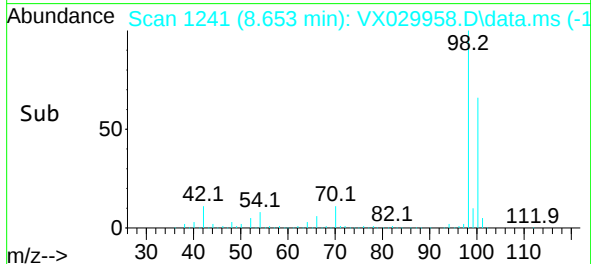
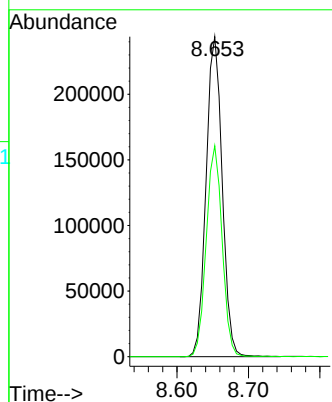
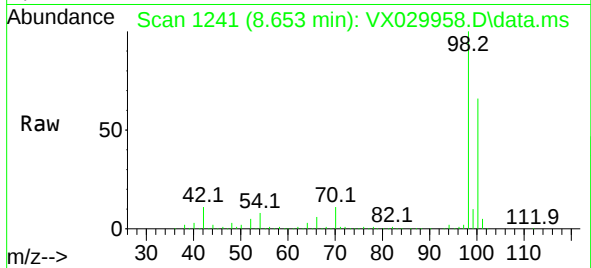




#50
Toluene-d8
Concen: 48.481 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029958.D
Acq: 07 Jul 2022 16:27

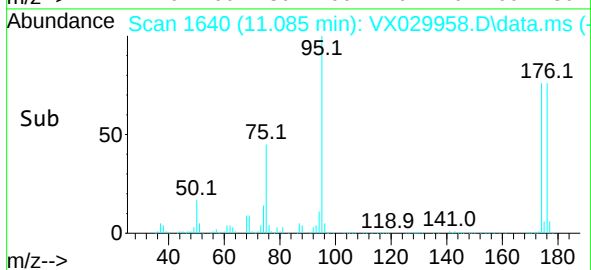
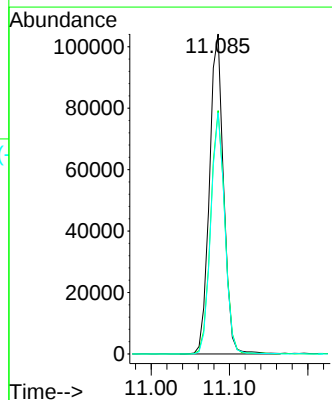
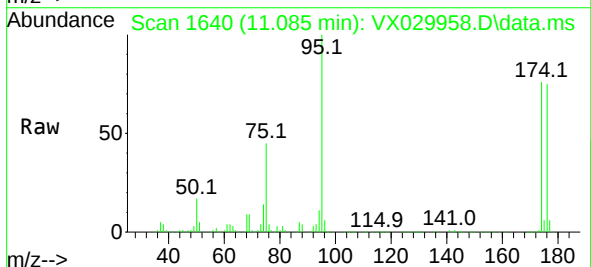
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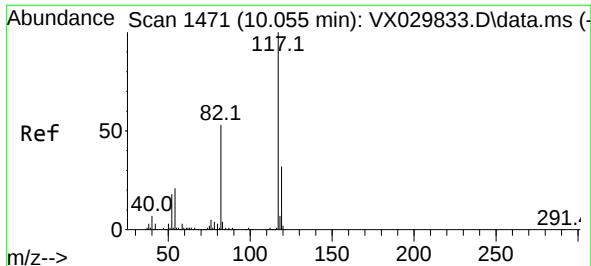
Tgt Ion: 98 Resp: 381516
Ion Ratio Lower Upper
98 100
100 65.1 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 46.949 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX029958.D
Acq: 07 Jul 2022 16:27

Tgt Ion: 95 Resp: 130601
Ion Ratio Lower Upper
95 100
174 75.5 0.0 149.0
176 74.0 0.0 146.0

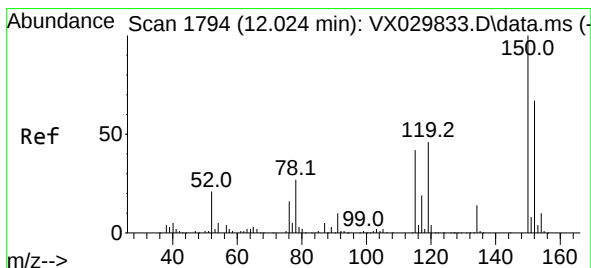
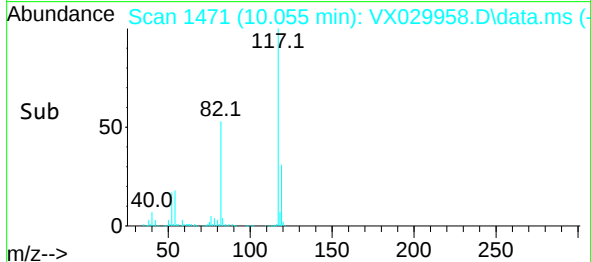
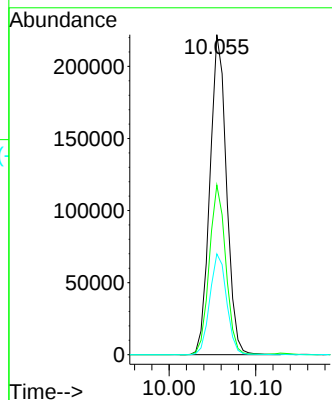
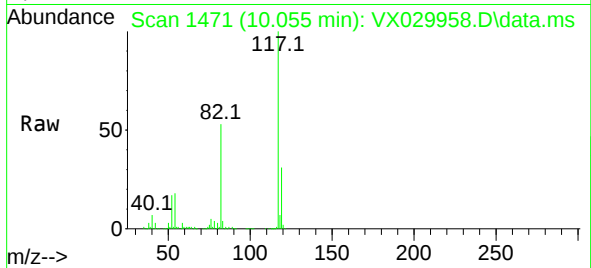




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029958.D
Acq: 07 Jul 2022 16:27

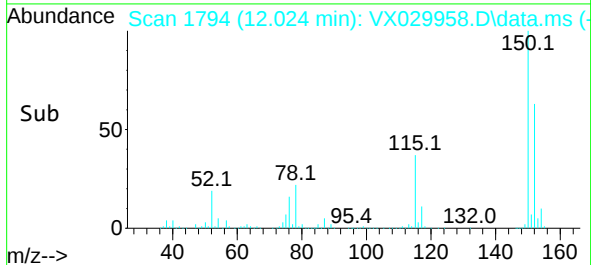
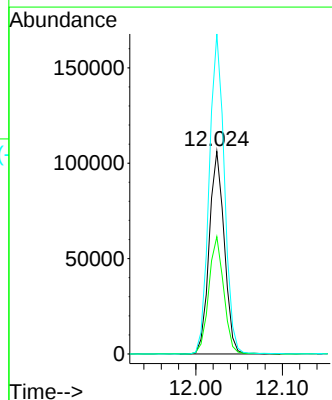
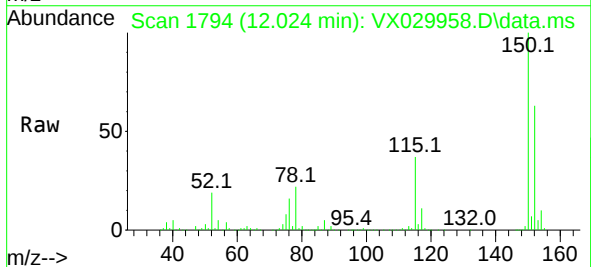
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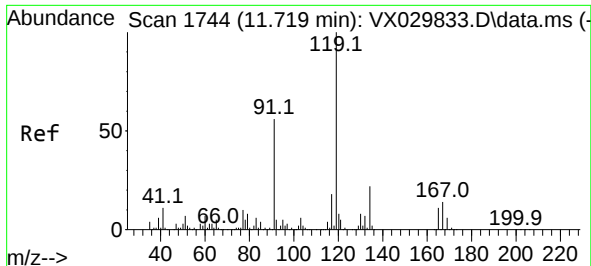
Tgt Ion:117 Resp: 295359
Ion Ratio Lower Upper
117 100
82 53.0 42.7 64.1
119 31.5 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX029958.D
Acq: 07 Jul 2022 16:27

Tgt Ion:152 Resp: 128368
Ion Ratio Lower Upper
152 100
115 57.6 40.5 121.5
150 158.9 0.0 347.0

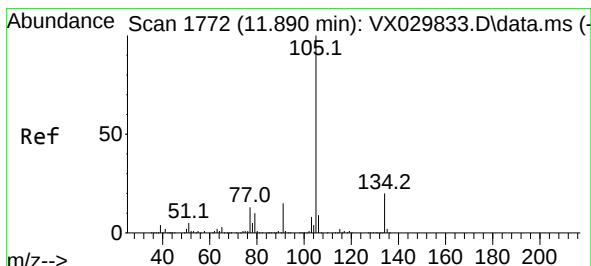
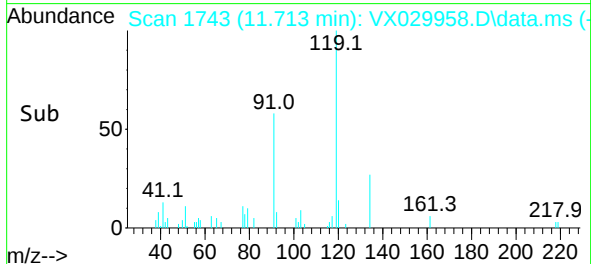
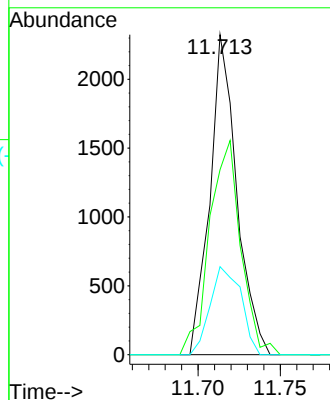
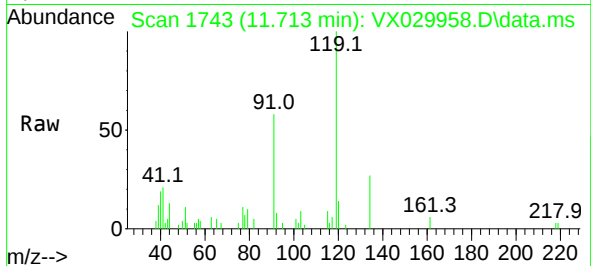




#83
tert-Butylbenzene
Concen: 0.346 ug/l
RT: 11.713 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX029958.D
Acq: 07 Jul 2022 16:27

Instrument :
MSVOA_X
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Tgt Ion:119	Resp:	2645
Ion	Ratio	Lower Upper
119	100	
91	77.4	28.3 84.9
134	31.4	11.2 33.5



#85
sec-Butylbenzene
Concen: 0.557 ug/l
RT: 11.896 min Scan# 1773
Delta R.T. 0.006 min
Lab File: VX029958.D
Acq: 07 Jul 2022 16:27

Tgt Ion:105	Resp:	5366
Ion	Ratio	Lower Upper
105	100	
134	22.5	10.0 30.0

