

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090222\
 Data File : VX031068.D
 Acq On : 02 Sep 2022 15:38
 Operator : JC/MD
 Sample : N4297-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW202D1-20220820

Quant Time: Sep 03 00:50:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090122W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 02 02:49:21 2022
 Response via : Initial Calibration

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

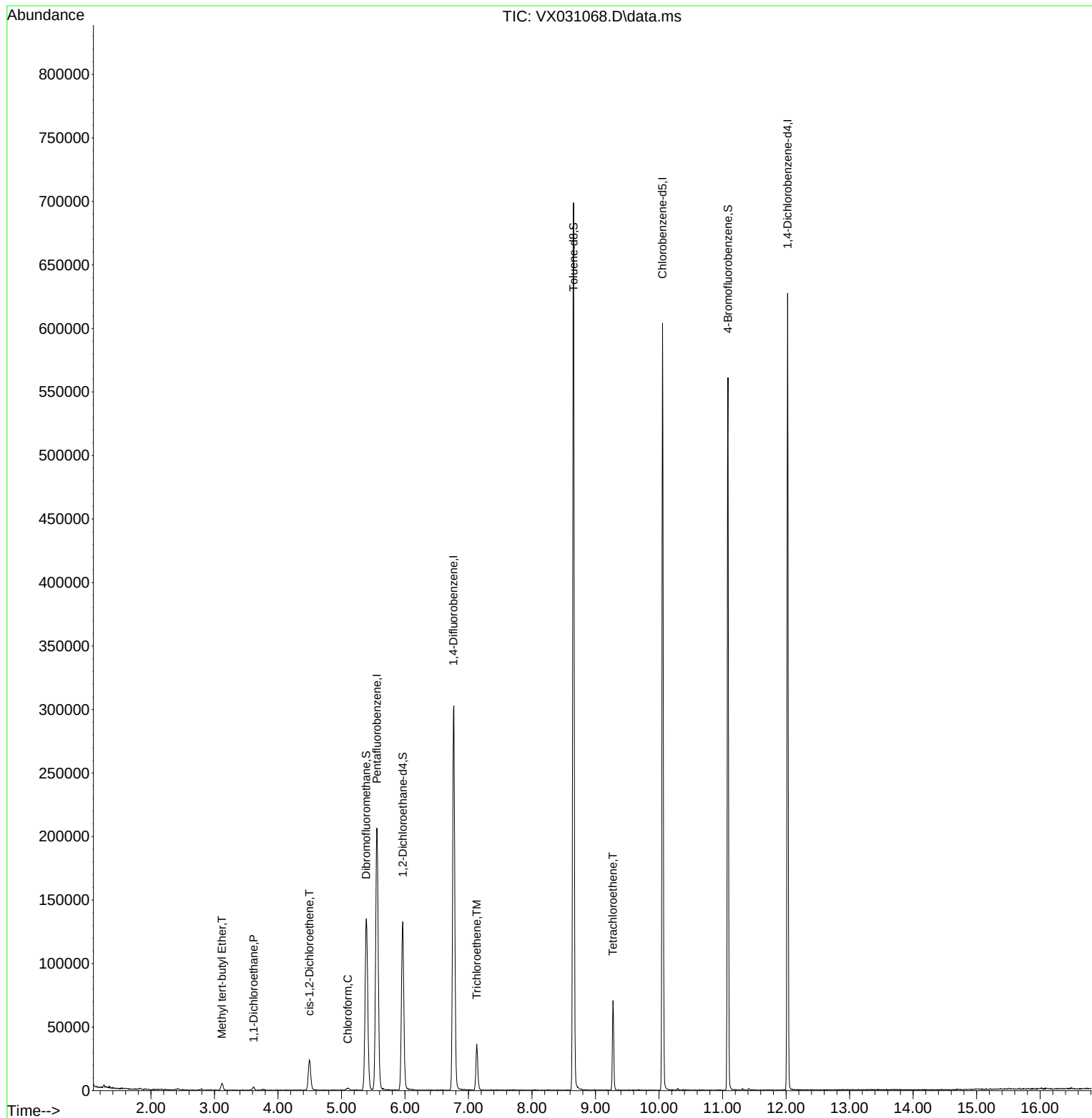
Internal Standards						
1) Pentafluorobenzene	5.556	168	212009	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	336698	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	303716	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	138086	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	126867	46.507	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.020%
35) Dibromofluoromethane	5.385	113	125608	51.120	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.240%
50) Toluene-d8	8.653	98	445594	49.275	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.540%
62) 4-Bromofluorobenzene	11.085	95	150685	47.178	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.360%
Target Compounds						
					Qvalue	
19) Methyl tert-butyl Ether	3.117	73	6507	0.858	ug/l	93
24) 1,1-Dichloroethane	3.617	63	3000	0.676	ug/l #	90
27) cis-1,2-Dichloroethene	4.495	96	17396	5.663	ug/l	81
30) Chloroform	5.099	83	2354	0.483	ug/l #	75
44) Trichloroethene	7.129	130	14729	4.709	ug/l	99
64) Tetrachloroethene	9.275	164	14014	4.621	ug/l	92

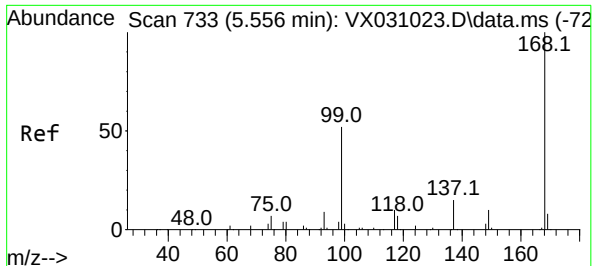
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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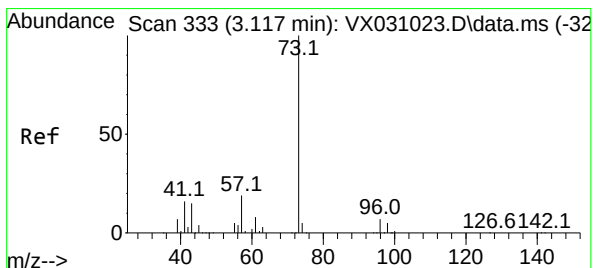
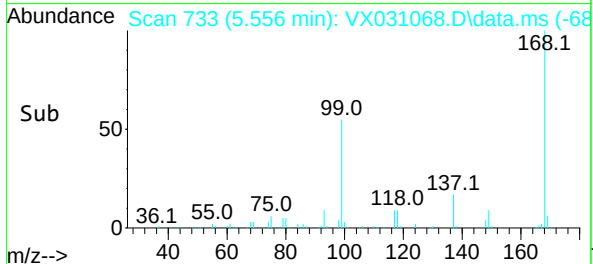
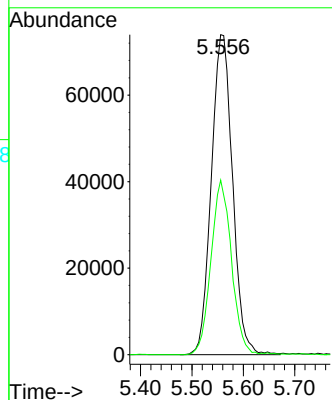
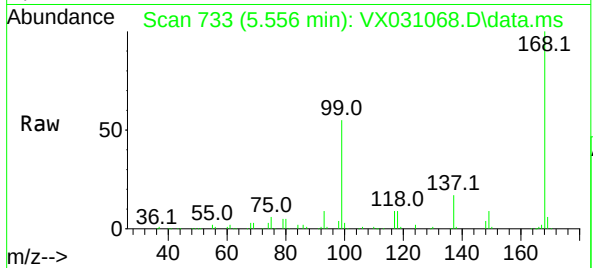




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.000 min
Lab File: VX031068.D
Acq: 02 Sep 2022 15:38

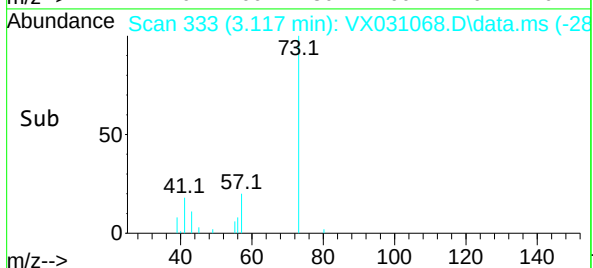
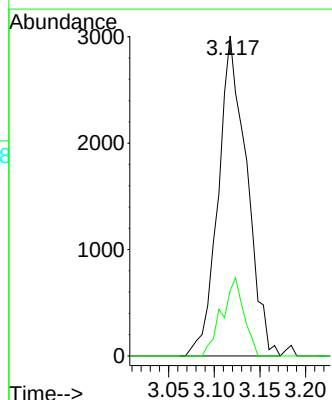
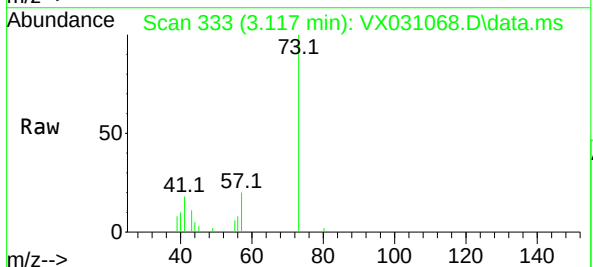
Instrument :
MSVOA_X
ClientSampleId :
MW202D1-20220820

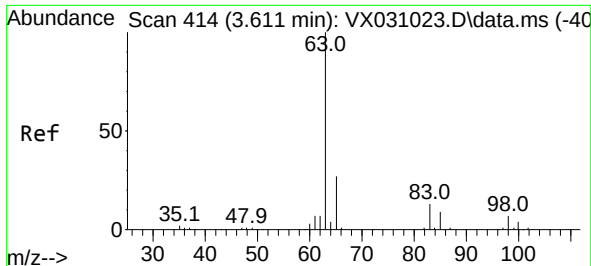
Tgt Ion:168 Resp: 212009
Ion Ratio Lower Upper
168 100
99 54.6 44.0 66.0



#19
Methyl tert-butyl Ether
Concen: 0.858 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX031068.D
Acq: 02 Sep 2022 15:38

Tgt Ion: 73 Resp: 6507
Ion Ratio Lower Upper
73 100
57 20.4 19.0 28.6

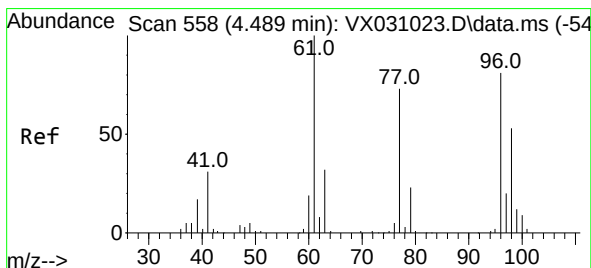
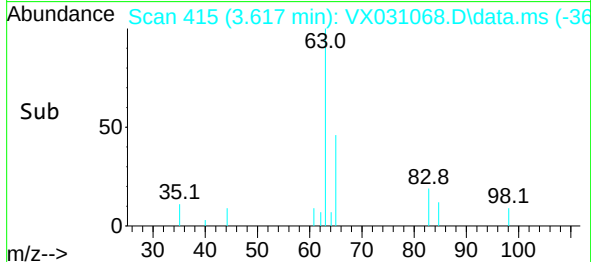
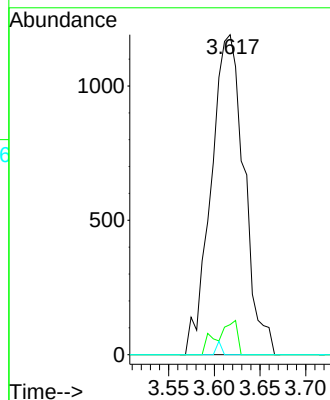
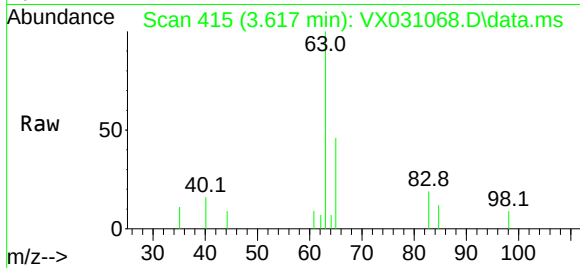




#24
 1,1-Dichloroethane
 Concen: 0.676 ug/l
 RT: 3.617 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX031068.D
 Acq: 02 Sep 2022 15:38

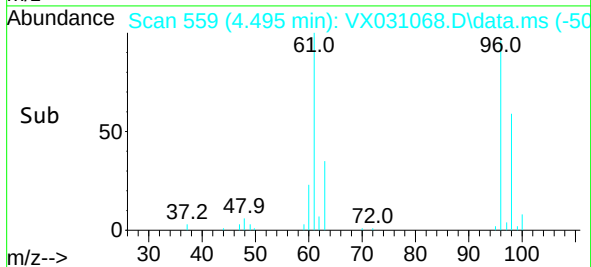
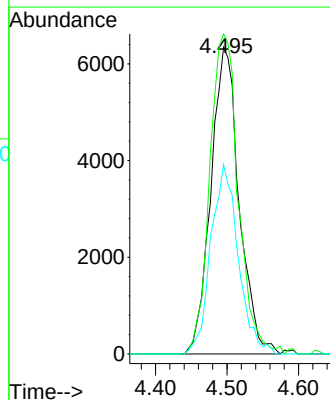
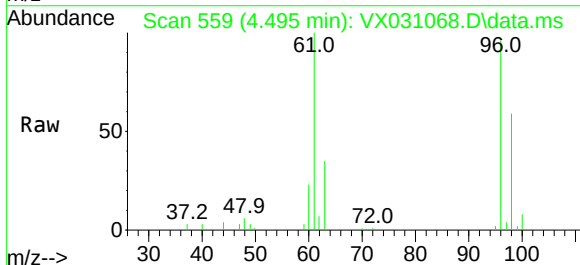
Instrument :
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 ClientSampleId :
 MW202D1-20220820

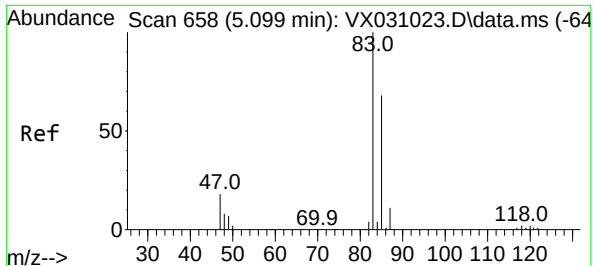
Tgt Ion: 63 Resp: 3000
 Ion Ratio Lower Upper
 63 100
 98 9.4 3.5 10.5
 100 0.0 2.3 6.9#



#27
 cis-1,2-Dichloroethene
 Concen: 5.663 ug/l
 RT: 4.495 min Scan# 559
 Delta R.T. 0.006 min
 Lab File: VX031068.D
 Acq: 02 Sep 2022 15:38

Tgt Ion: 96 Resp: 17396
 Ion Ratio Lower Upper
 96 100
 61 105.3 0.0 270.0
 98 59.8 0.0 127.8





#30

Chloroform

Concen: 0.483 ug/l

RT: 5.099 min Scan# 61

Delta R.T. -0.000 min

Lab File: VX031068.D

Acq: 02 Sep 2022 15:38

Instrument :

MSVOA_X

ClientSampleId :

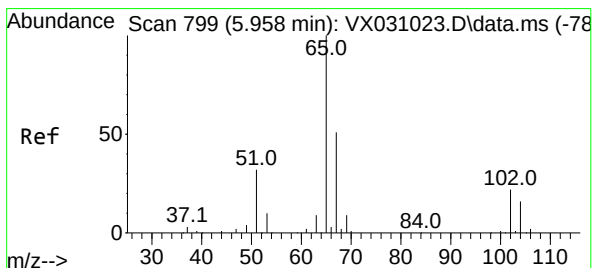
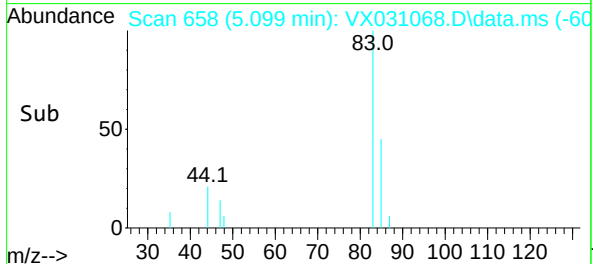
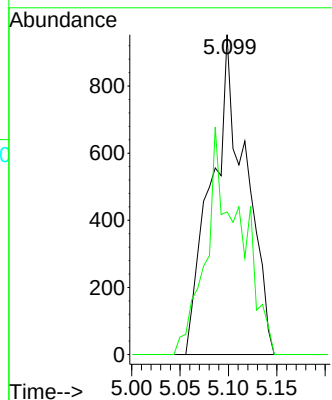
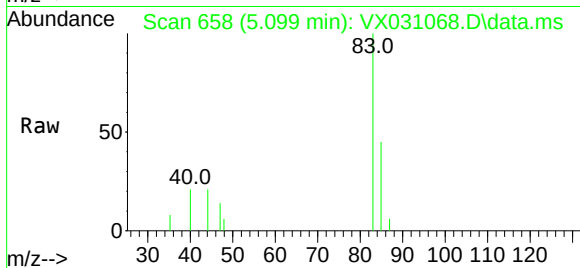
MW202D1-20220820

Tgt Ion: 83 Resp: 2354

Ion Ratio Lower Upper

83 100

85 44.6 51.5 77.3#



#33

1,2-Dichloroethane-d4

Concen: 46.507 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.006 min

Lab File: VX031068.D

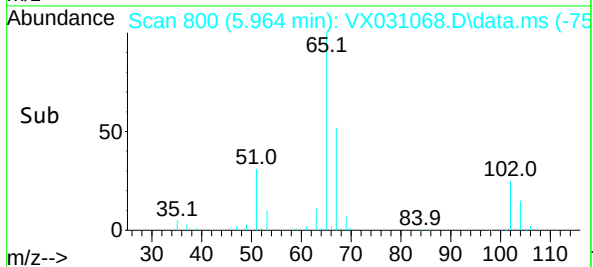
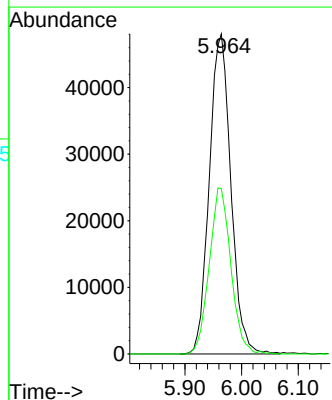
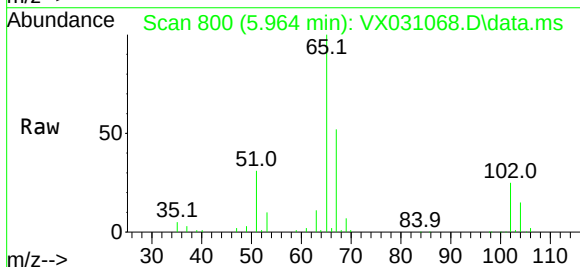
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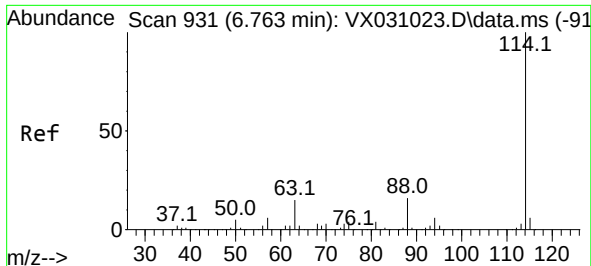
Tgt Ion: 65 Resp: 126867

Ion Ratio Lower Upper

65 100

67 52.1 0.0 109.6

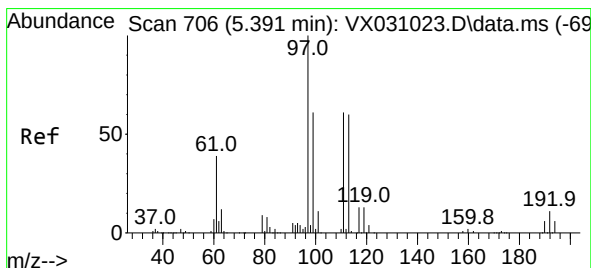
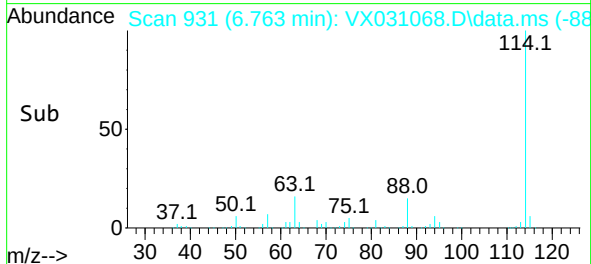
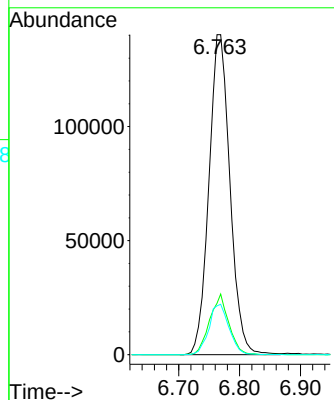
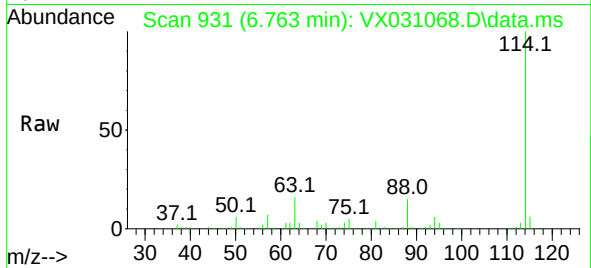




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX031068.D
Acq: 02 Sep 2022 15:38

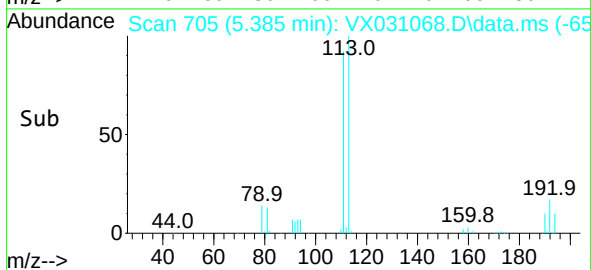
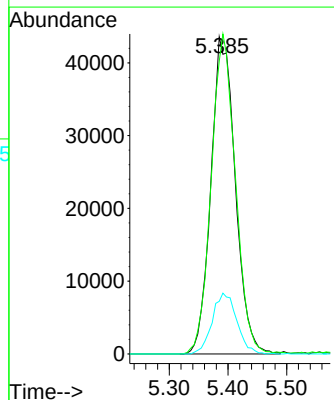
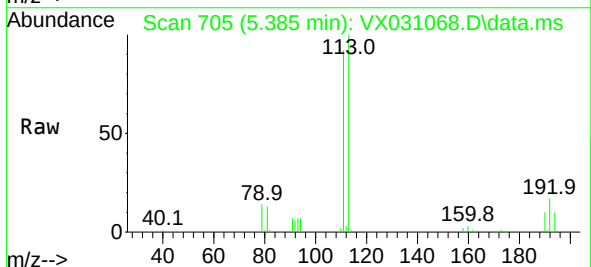
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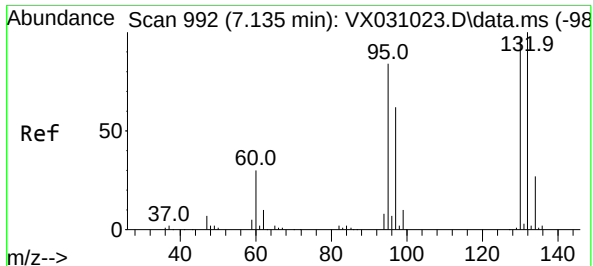
Tgt Ion:114 Resp: 336698
Ion Ratio Lower Upper
114 100
63 16.1 0.0 38.4
88 15.2 0.0 31.8



#35
Dibromofluoromethane
Concen: 51.120 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX031068.D
Acq: 02 Sep 2022 15:38

Tgt Ion:113 Resp: 125608
Ion Ratio Lower Upper
113 100
111 100.2 83.2 124.8
192 19.3 14.8 22.2

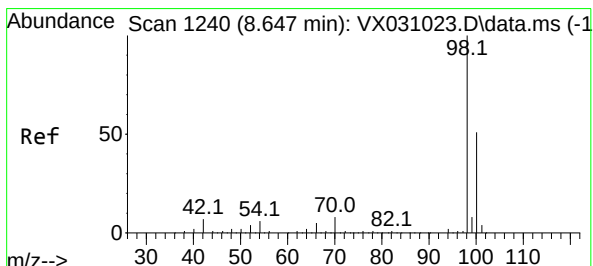
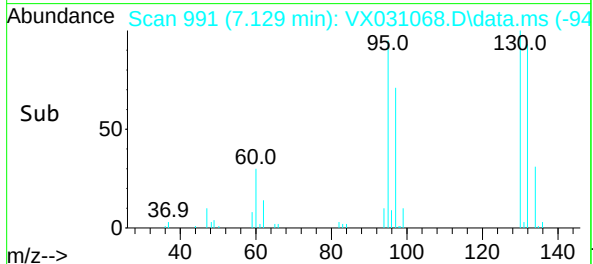
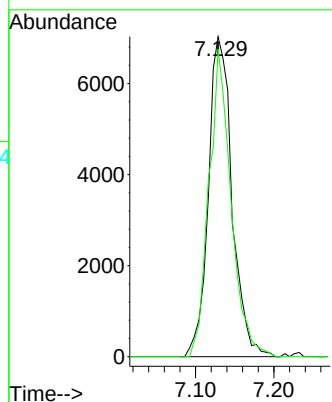
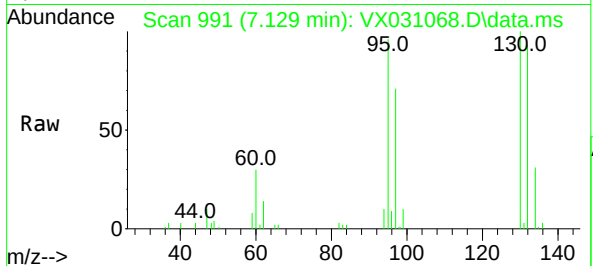




#44
Trichloroethene
Concen: 4.709 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX031068.D
Acq: 02 Sep 2022 15:38

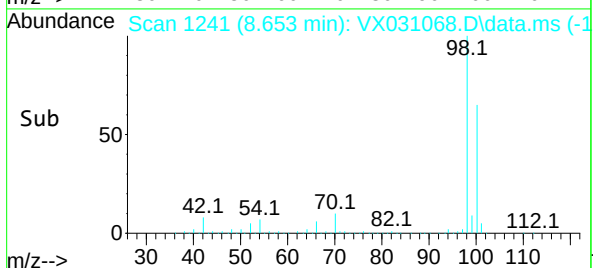
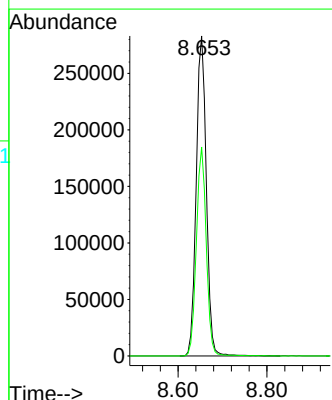
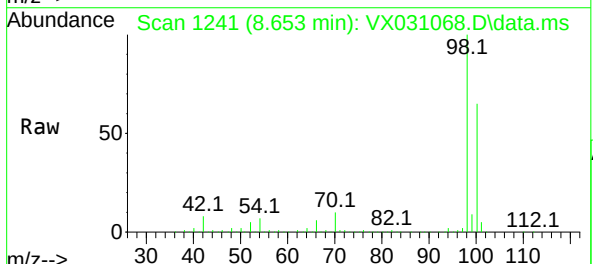
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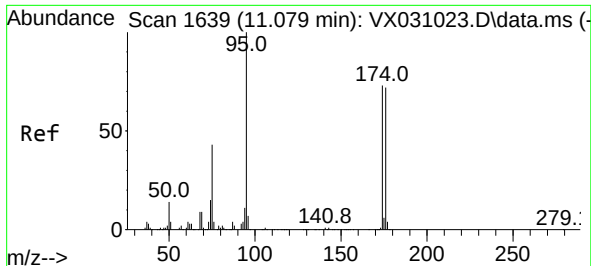
Tgt Ion:130 Resp: 14729
Ion Ratio Lower Upper
130 100
95 96.0 0.0 194.8



#50
Toluene-d8
Concen: 49.275 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX031068.D
Acq: 02 Sep 2022 15:38

Tgt Ion: 98 Resp: 445594
Ion Ratio Lower Upper
98 100
100 63.9 52.3 78.5

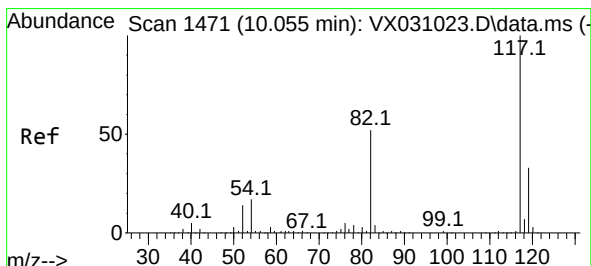
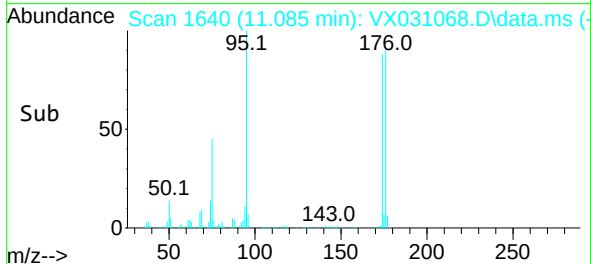
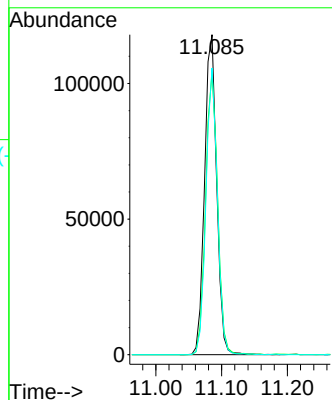
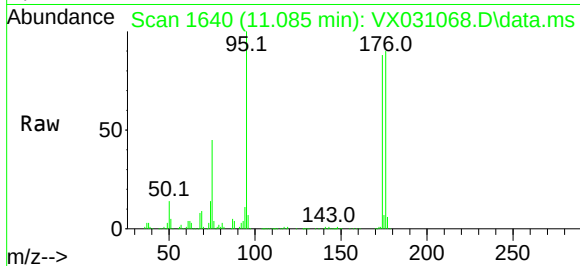




#62
4-Bromofluorobenzene
Concen: 47.178 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX031068.D
Acq: 02 Sep 2022 15:38

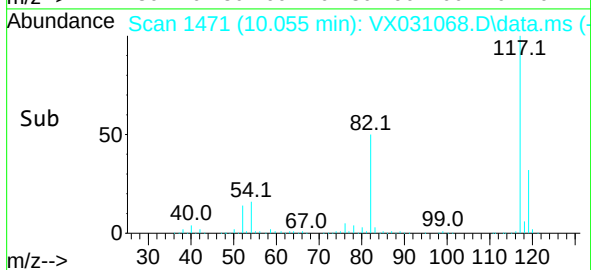
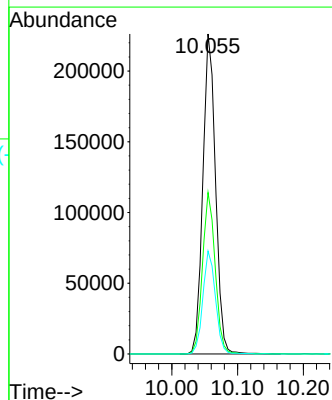
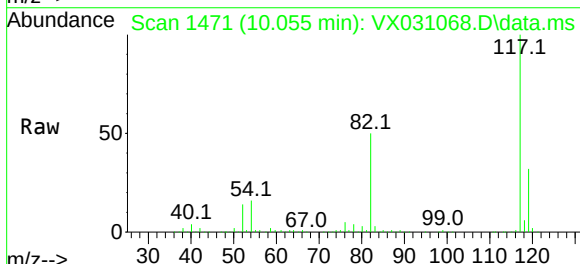
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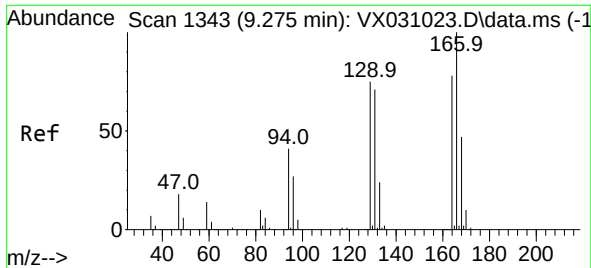
Tgt Ion: 95 Resp: 150685
Ion Ratio Lower Upper
95 100
174 87.8 0.0 149.0
176 85.1 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031068.D
Acq: 02 Sep 2022 15:38

Tgt Ion: 117 Resp: 303716
Ion Ratio Lower Upper
117 100
82 50.5 42.7 64.1
119 32.1 25.4 38.2

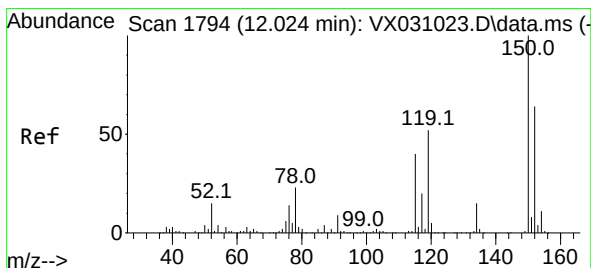
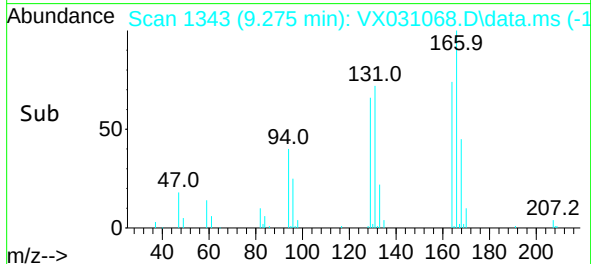
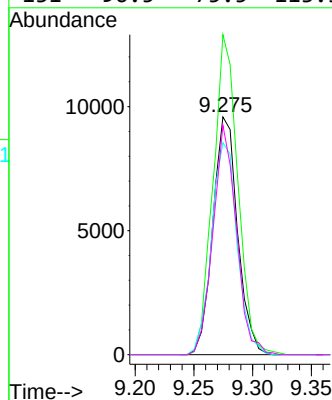
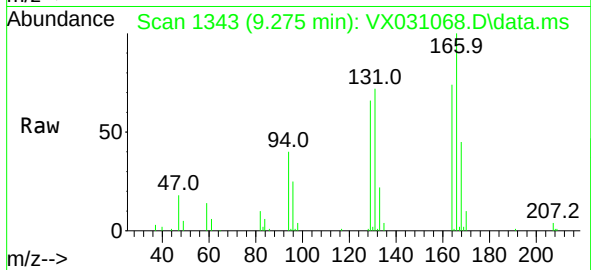




#64
Tetrachloroethene
Concen: 4.621 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX031068.D
Acq: 02 Sep 2022 15:38

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:164	Resp:	14014
Ion	Ratio	Lower Upper
164	100	
166	134.6	98.2 147.4
129	89.2	80.8 121.2
131	96.5	75.5 113.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031068.D
Acq: 02 Sep 2022 15:38

Tgt Ion:152	Resp:	138086
Ion	Ratio	Lower Upper
152	100	
115	57.7	40.5 121.5
150	164.3	0.0 347.0

