

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082322\
 Data File : VX030740.D
 Acq On : 23 Aug 2022 18:25
 Operator : JC/MD
 Sample : N4245-13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP04-20220816

Quant Time: Aug 24 00:53:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 25 16:49:17 2022
 Response via : Initial Calibration

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

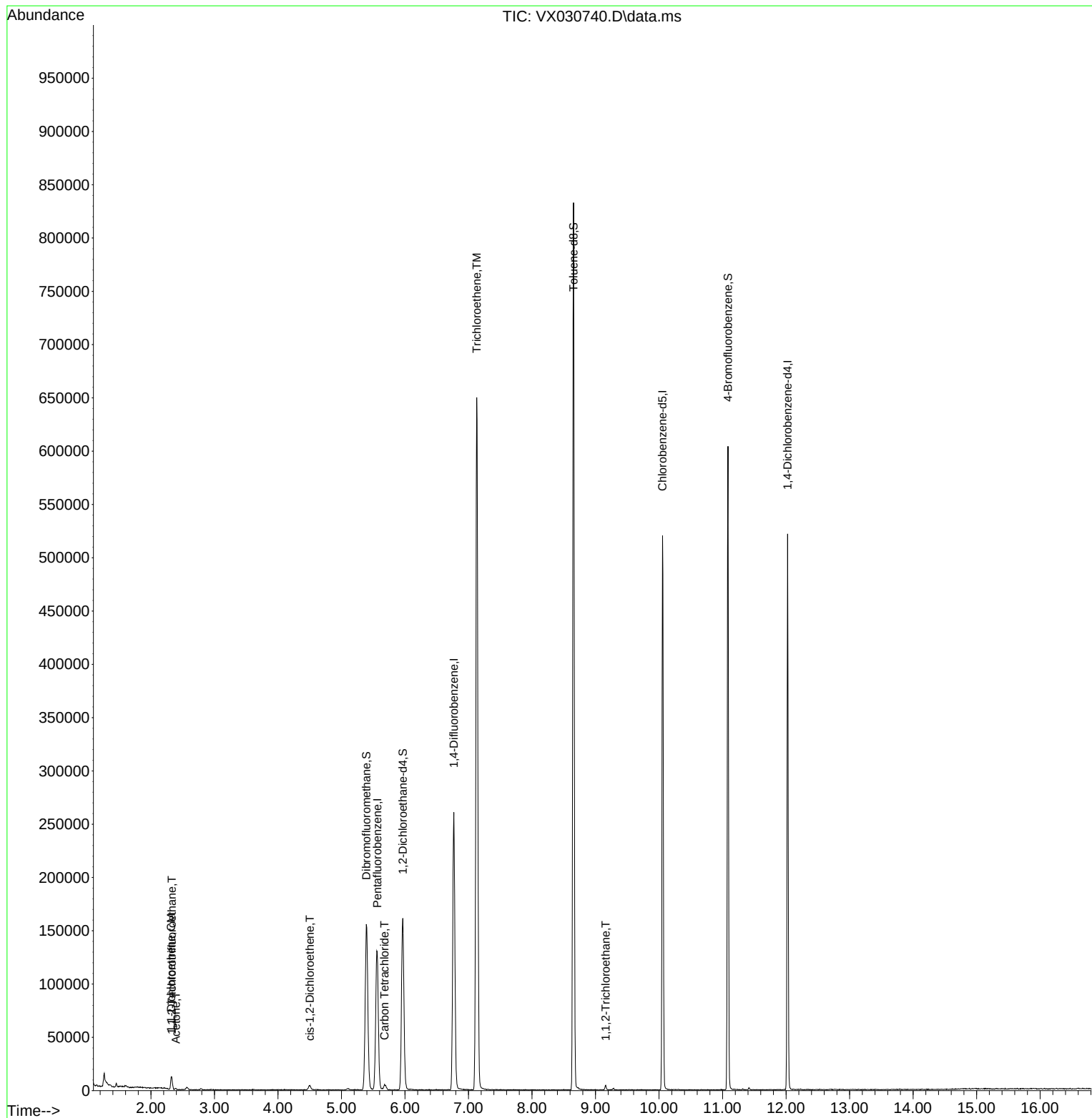
Internal Standards						
1) Pentafluorobenzene	5.562	168	125450	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	274868	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	253686	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	104208	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	152085	60.316	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 120.640%	
35) Dibromofluoromethane	5.391	113	141934	54.017	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 108.040%	
50) Toluene-d8	8.652	98	510682	50.186	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.380%	
62) 4-Bromofluorobenzene	11.085	95	171025	45.287	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 90.580%	
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.330	101	2225	1.110	ug/l	93
12) 1,1-Dichloroethene	2.318	96	2939	1.500	ug/l	98
16) Acetone	2.391	43	1411	1.093	ug/l #	77
27) cis-1,2-Dichloroethene	4.501	96	2787	1.096	ug/l	90
38) Carbon Tetrachloride	5.677	117	4495	1.273	ug/l	94
44) Trichloroethene	7.128	130	255018	78.445	ug/l	98
55) 1,1,2-Trichloroethane	9.158	97	1343	0.435	ug/l	92

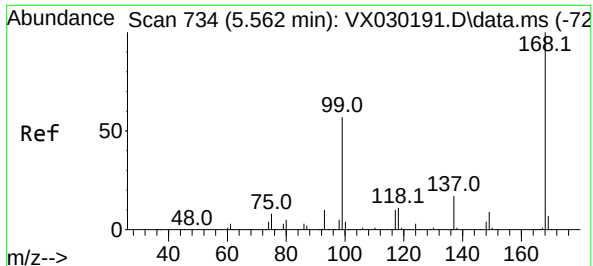
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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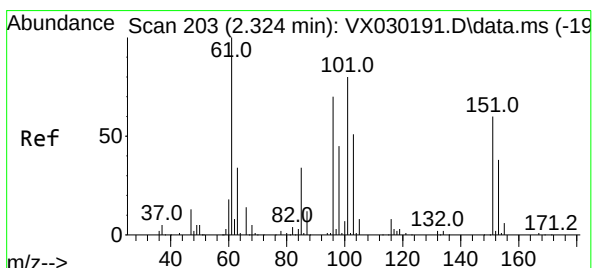
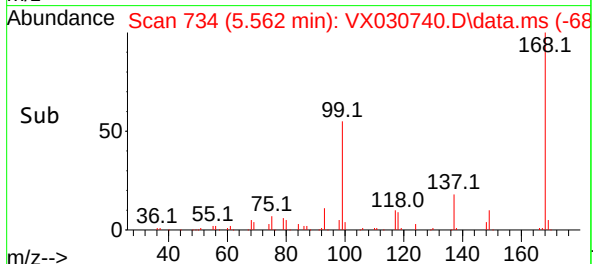
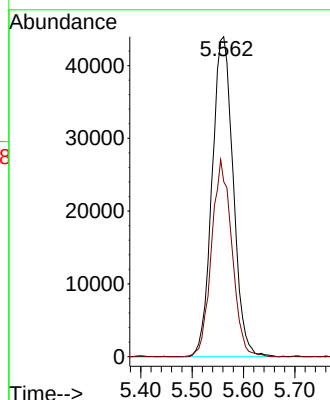
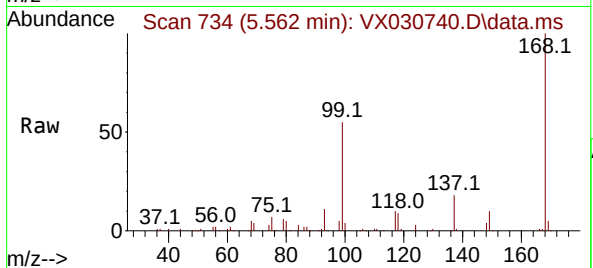




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX030740.D
Acq: 23 Aug 2022 18:25

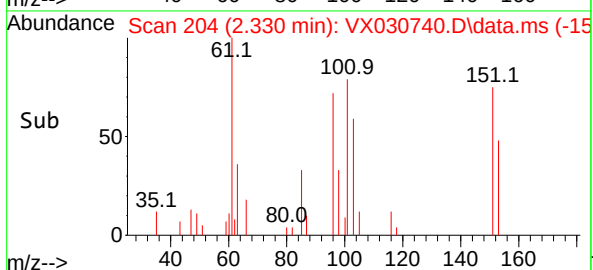
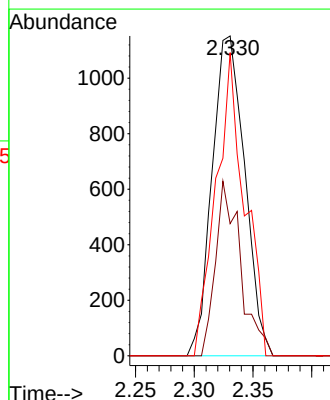
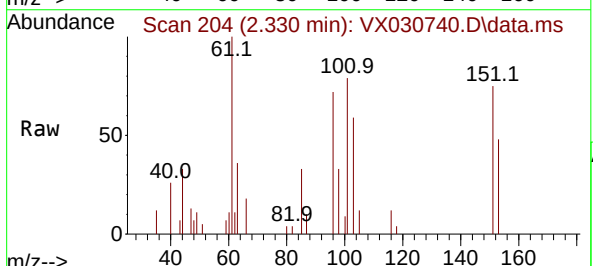
Instrument :
MSVOA_X
ClientSampleId :
DUP04-20220816

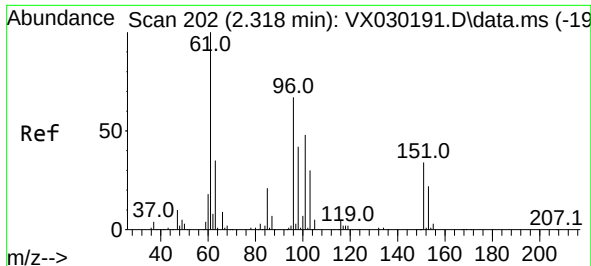
Tgt Ion:168 Resp: 125450
Ion Ratio Lower Upper
168 100
99 54.7 44.0 66.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.110 ug/l
RT: 2.330 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX030740.D
Acq: 23 Aug 2022 18:25

Tgt Ion:101 Resp: 2225
Ion Ratio Lower Upper
101 100
85 42.0 34.0 51.0
151 83.1 59.4 89.0





#12

1,1-Dichloroethene

Concen: 1.500 ug/l

RT: 2.318 min Scan# 20

Delta R.T. 0.000 min

Lab File: VX030740.D

Acq: 23 Aug 2022 18:25

Instrument :

MSVOA_X

ClientSampleId :

DUP04-20220816

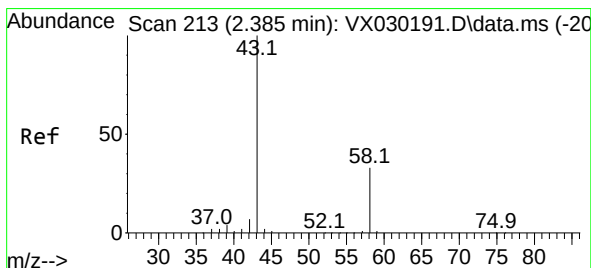
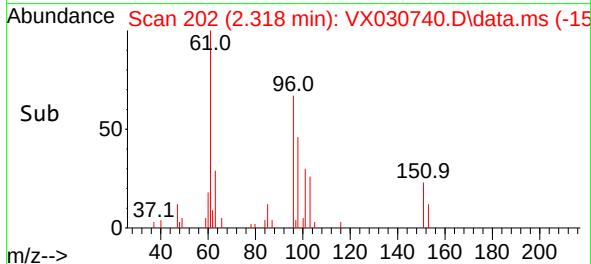
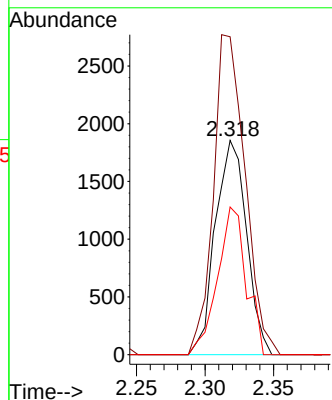
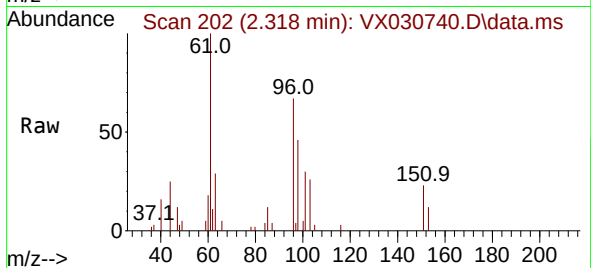
Tgt Ion: 96 Resp: 2939

Ion Ratio Lower Upper

96 100

61 148.4 117.4 176.0

98 68.9 52.2 78.4



#16

Acetone

Concen: 1.093 ug/l

RT: 2.391 min Scan# 214

Delta R.T. 0.006 min

Lab File: VX030740.D

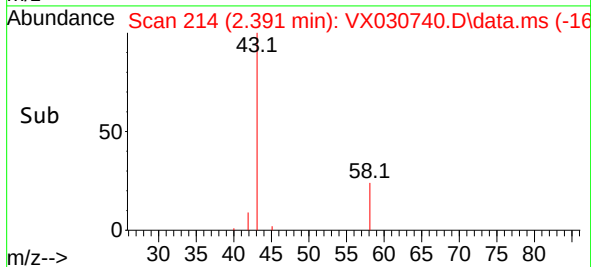
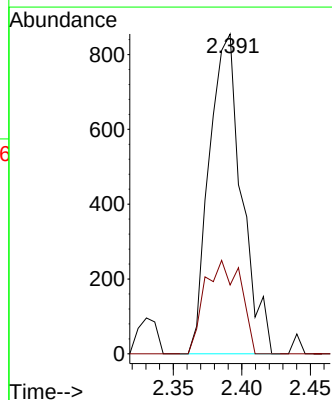
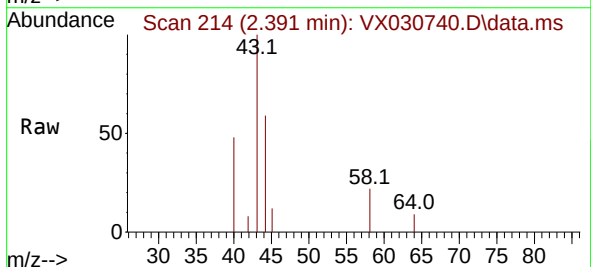
Acq: 23 Aug 2022 18:25

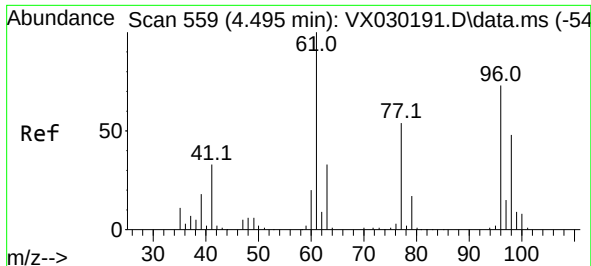
Tgt Ion: 43 Resp: 1411

Ion Ratio Lower Upper

43 100

58 21.5 27.7 41.5#





#27

cis-1,2-Dichloroethene

Concen: 1.096 ug/l

RT: 4.501 min Scan# 5

Delta R.T. 0.006 min

Lab File: VX030740.D

Acq: 23 Aug 2022 18:25

Instrument :

MSVOA_X

ClientSampleId :

DUP04-20220816

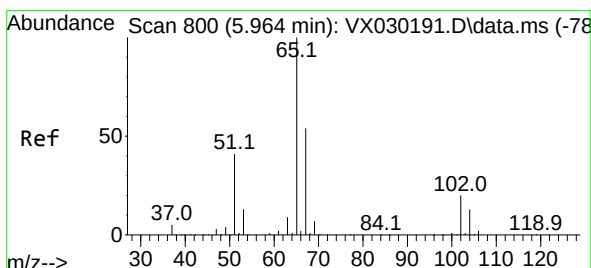
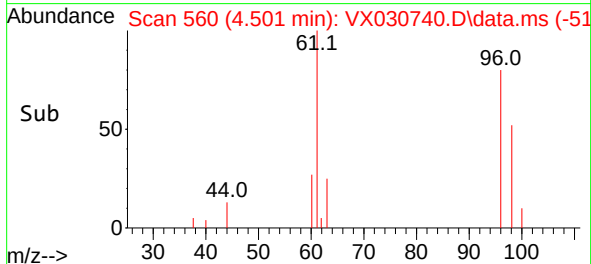
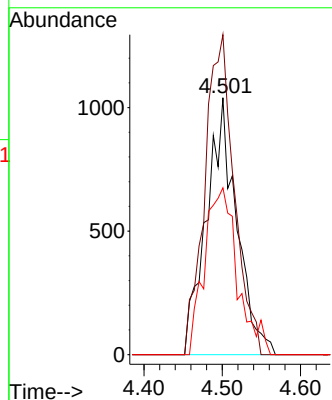
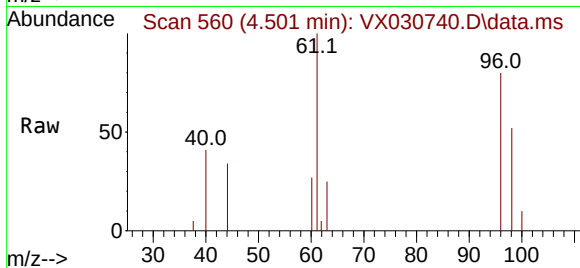
Tgt Ion: 96 Resp: 2787

Ion Ratio Lower Upper

96 100

61 121.6 0.0 270.0

98 70.6 0.0 127.8



#33

1,2-Dichloroethane-d4

Concen: 60.316 ug/l

RT: 5.964 min Scan# 800

Delta R.T. -0.000 min

Lab File: VX030740.D

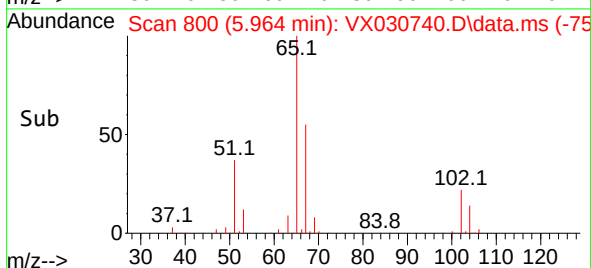
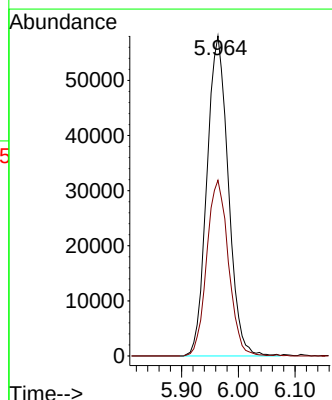
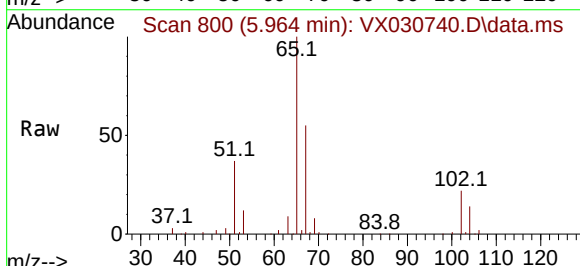
Acq: 23 Aug 2022 18:25

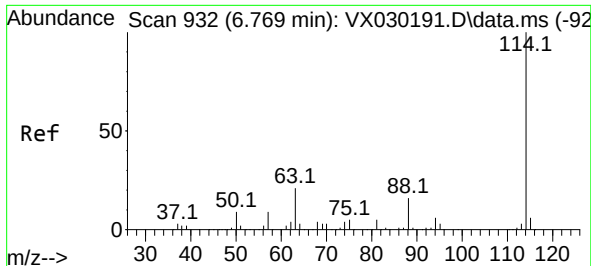
Tgt Ion: 65 Resp: 152085

Ion Ratio Lower Upper

65 100

67 55.7 0.0 109.6

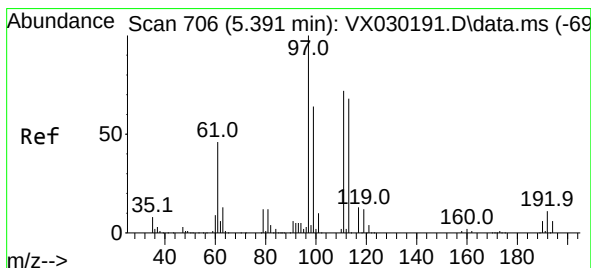
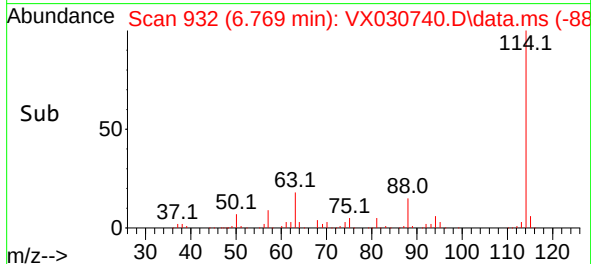
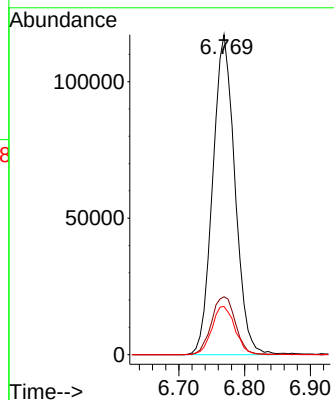
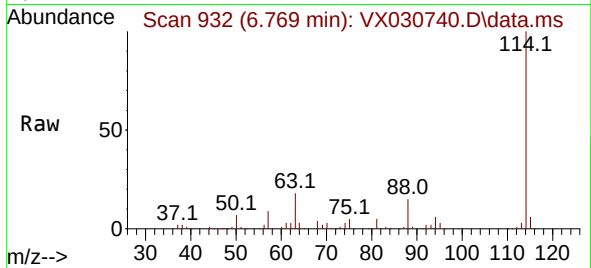




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX030740.D
Acq: 23 Aug 2022 18:25

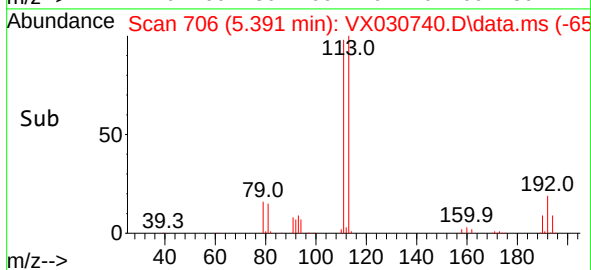
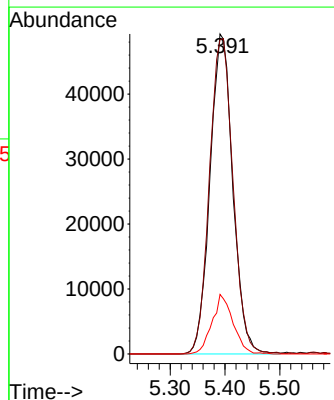
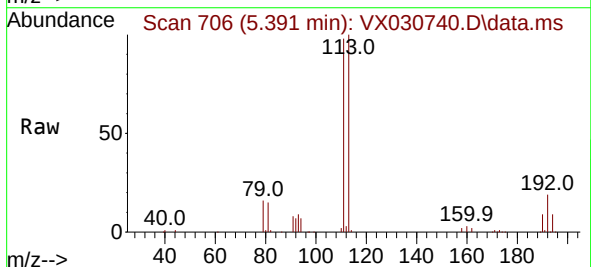
Instrument :
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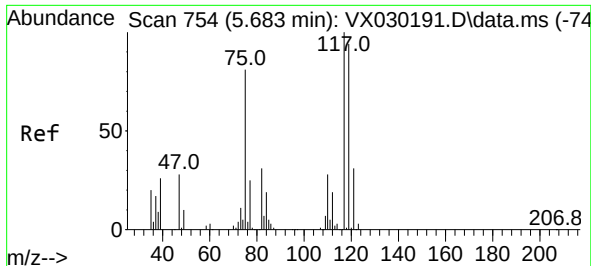
Tgt Ion:114 Resp: 274868
Ion Ratio Lower Upper
114 100
63 18.1 0.0 38.4
88 15.0 0.0 31.8



#35
Dibromofluoromethane
Concen: 54.017 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX030740.D
Acq: 23 Aug 2022 18:25

Tgt Ion:113 Resp: 141934
Ion Ratio Lower Upper
113 100
111 102.1 83.2 124.8
192 17.1 14.8 22.2

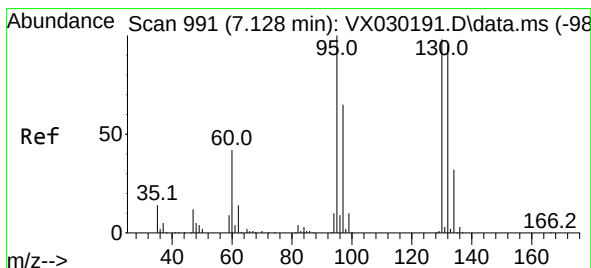
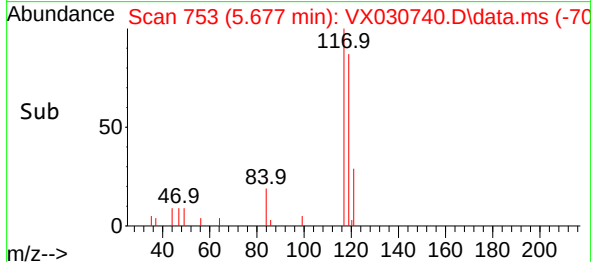
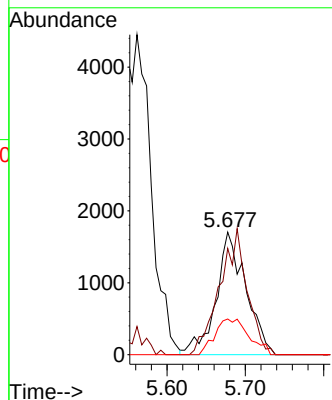
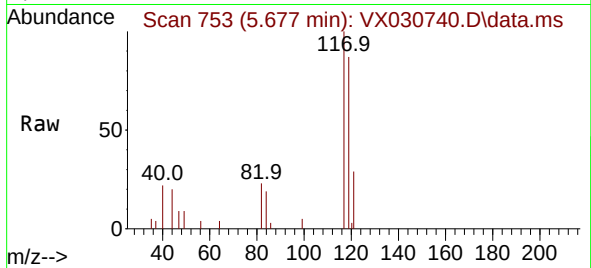




#38
Carbon Tetrachloride
Concen: 1.273 ug/l
RT: 5.677 min Scan# 754
Delta R.T. -0.006 min
Lab File: VX030740.D
Acq: 23 Aug 2022 18:25

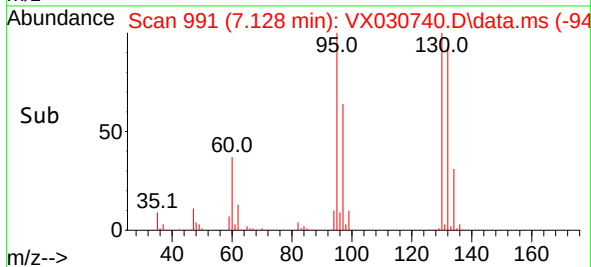
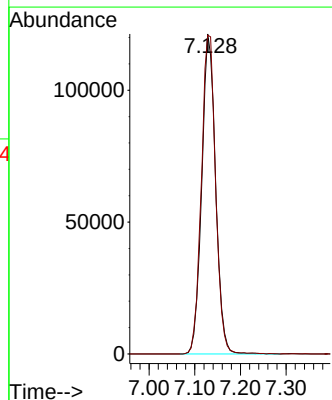
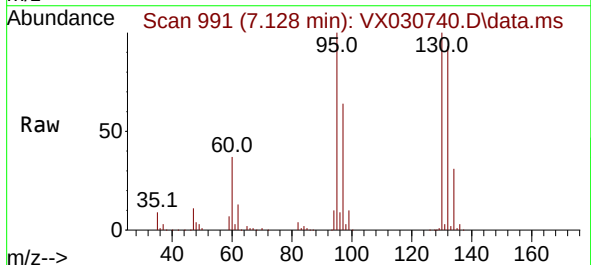
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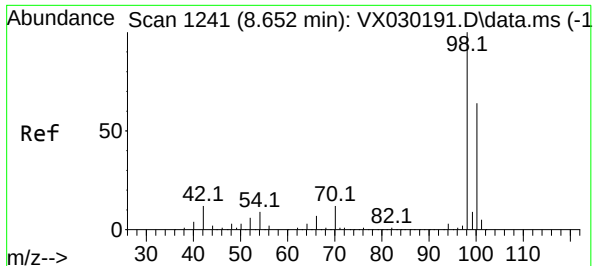
Tgt Ion:117 Resp: 4495
Ion Ratio Lower Upper
117 100
119 86.7 74.1 111.1
121 29.1 25.8 38.8



#44
Trichloroethene
Concen: 78.445 ug/l
RT: 7.128 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX030740.D
Acq: 23 Aug 2022 18:25

Tgt Ion:130 Resp: 255018
Ion Ratio Lower Upper
130 100
95 99.6 0.0 194.8

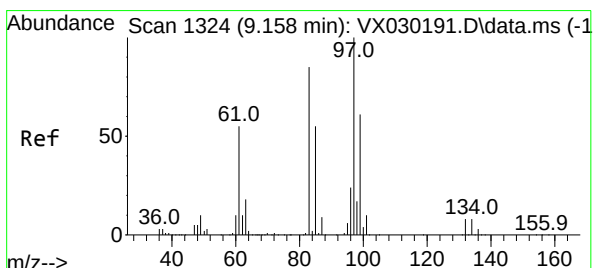
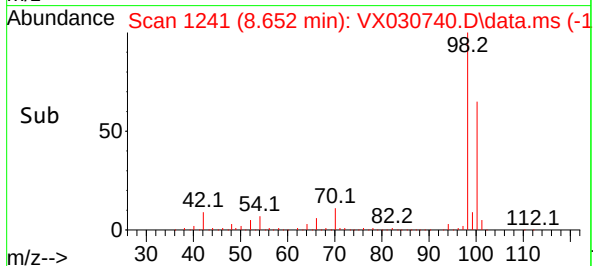
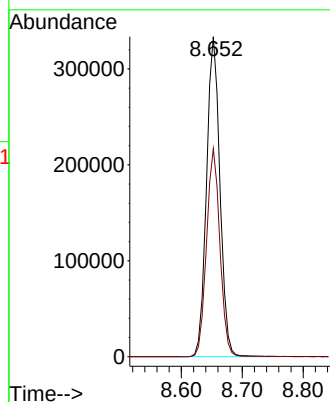
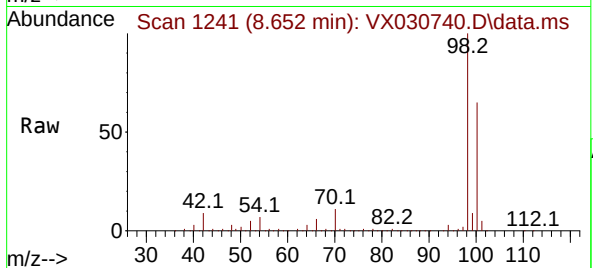




#50
Toluene-d8
Concen: 50.186 ug/l
RT: 8.652 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX030740.D
Acq: 23 Aug 2022 18:25

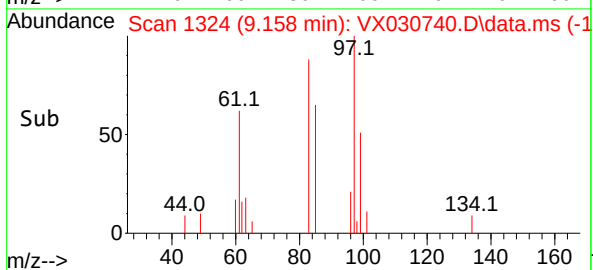
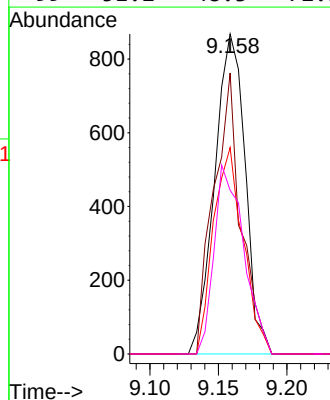
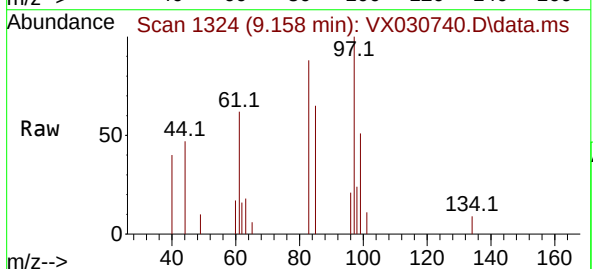
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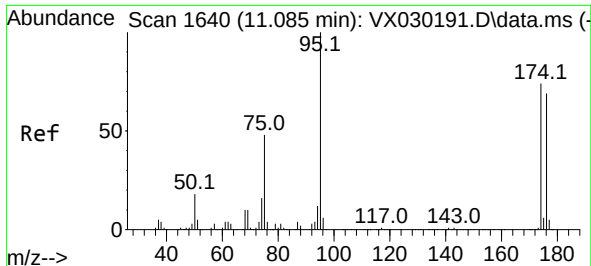
Tgt Ion: 98 Resp: 510682
Ion Ratio Lower Upper
98 100
100 64.7 52.3 78.5



#55
1,1,2-Trichloroethane
Concen: 0.435 ug/l
RT: 9.158 min Scan# 1324
Delta R.T. 0.000 min
Lab File: VX030740.D
Acq: 23 Aug 2022 18:25

Tgt Ion: 97 Resp: 1343
Ion Ratio Lower Upper
97 100
83 87.8 68.9 103.3
85 64.5 44.0 66.0
99 51.2 48.3 72.5

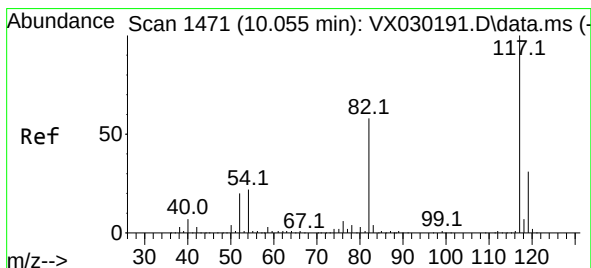
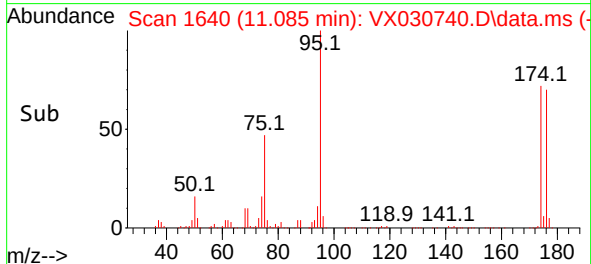
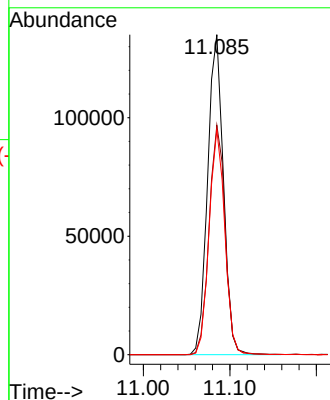
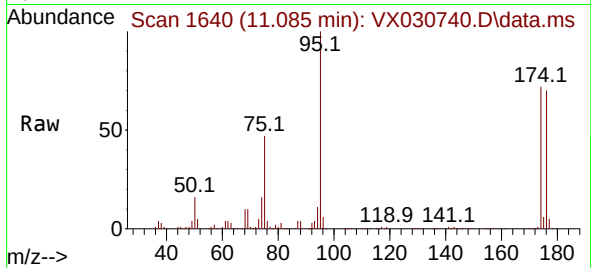




#62
4-Bromofluorobenzene
Concen: 45.287 ug/l
RT: 11.085 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX030740.D
Acq: 23 Aug 2022 18:25

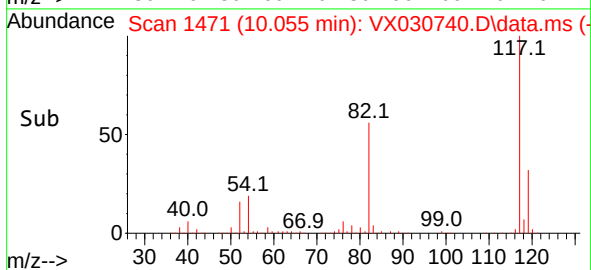
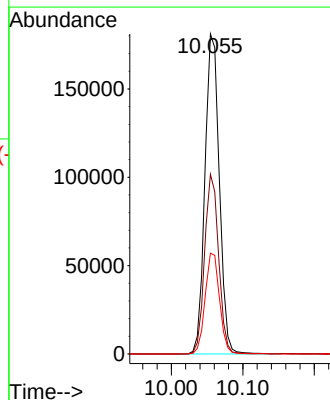
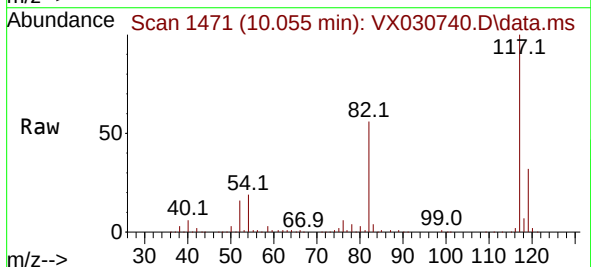
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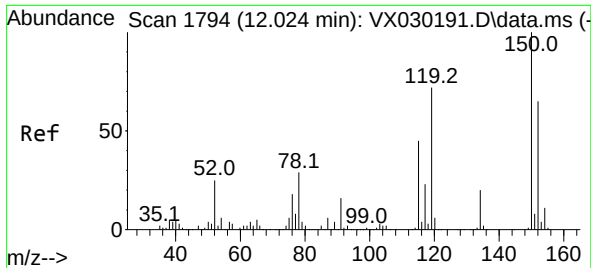
Tgt Ion: 95 Resp: 171025
Ion Ratio Lower Upper
95 100
174 72.7 0.0 149.0
176 69.8 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX030740.D
Acq: 23 Aug 2022 18:25

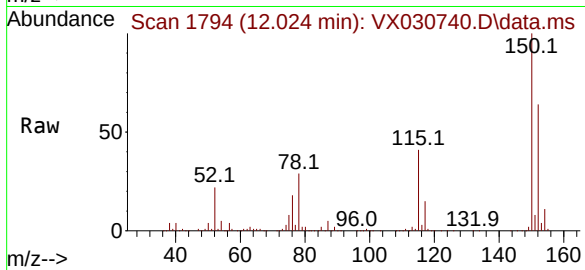
Tgt Ion: 117 Resp: 253686
Ion Ratio Lower Upper
117 100
82 56.1 42.7 64.1
119 31.5 25.4 38.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX030740.D
 Acq: 23 Aug 2022 18:25

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP04-20220816



Tgt Ion:152 Resp: 104208
 Ion Ratio Lower Upper
 152 100
 115 60.7 40.5 121.5
 150 155.4 0.0 347.0

