

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082522\
 Data File : VX030797.D
 Acq On : 26 Aug 2022 02:13
 Operator : JC/MD
 Sample : N4245-13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP04-20220816

Quant Time: Aug 26 02:45:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 26 02:03:28 2022
 Response via : Initial Calibration

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

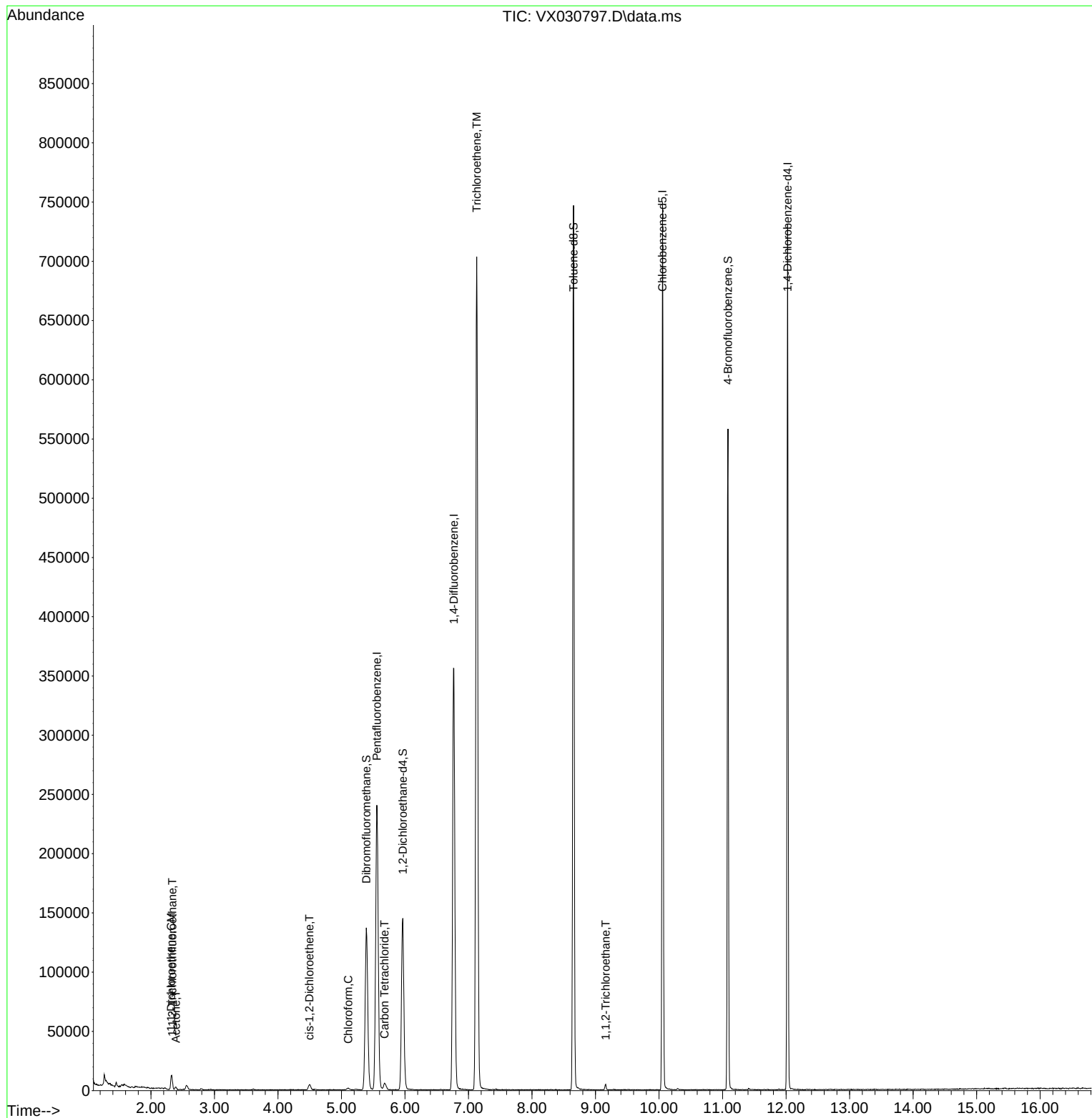
Internal Standards						
1) Pentafluorobenzene	5.556	168	227771	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	387933	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	340931	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	149723	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	139817	52.186	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.380%	
35) Dibromofluoromethane	5.391	113	121282	50.870	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.740%	
50) Toluene-d8	8.653	98	450114	54.178	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 108.360%	
62) 4-Bromofluorobenzene	11.085	95	150543	48.671	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 97.340%	
Target Compounds						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.337	101	2539	1.145	ug/l	# 86
12) 1,1-Dichloroethene	2.319	96	2842	1.376	ug/l	92
16) Acetone	2.392	43	2456	1.984	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	3420	1.248	ug/l	82
30) Chloroform	5.105	83	1770	0.387	ug/l	# 67
38) Carbon Tetrachloride	5.678	117	4904	1.432	ug/l	95
44) Trichloroethene	7.129	130	285074	101.586	ug/l	99
55) 1,1,2-Trichloroethane	9.159	97	1660	0.616	ug/l	86

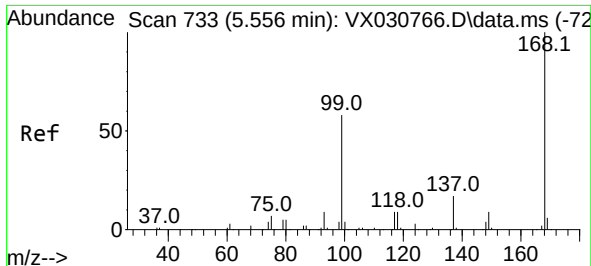
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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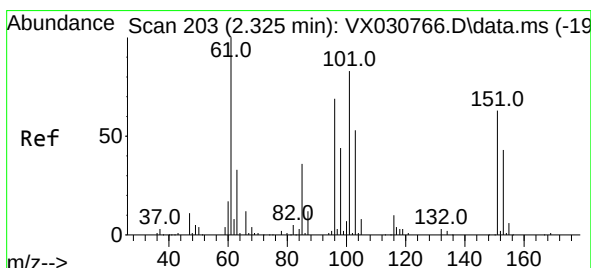
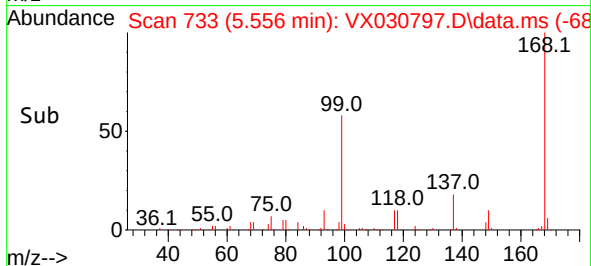
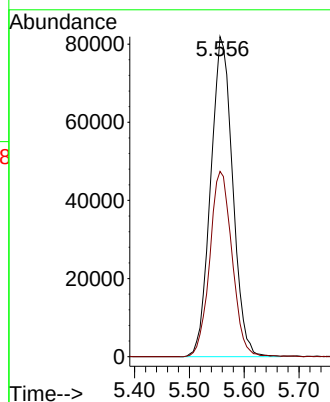
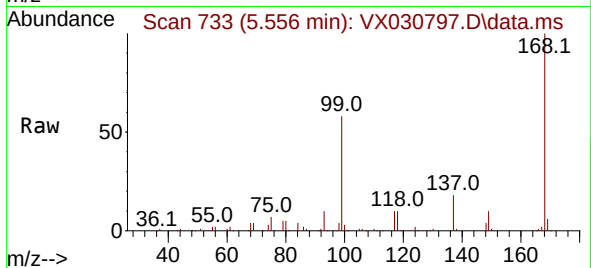




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX030797.D
Acq: 26 Aug 2022 02:13

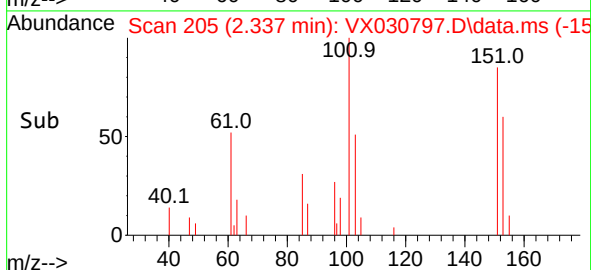
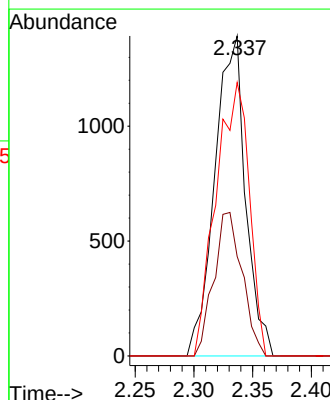
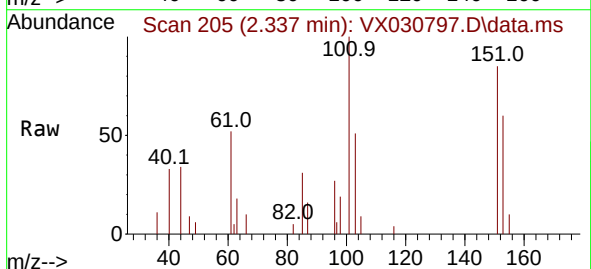
Instrument :
MSVOA_X
ClientSampleId :
DUP04-20220816

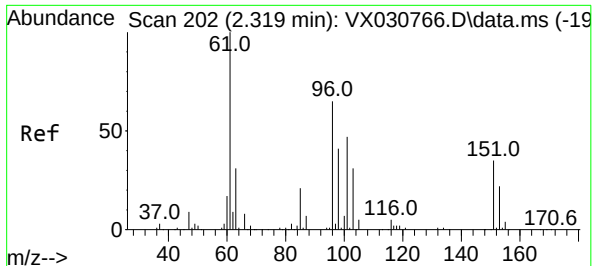
Tgt Ion:168 Resp: 227771
Ion Ratio Lower Upper
168 100
99 57.9 44.0 66.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.145 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.012 min
Lab File: VX030797.D
Acq: 26 Aug 2022 02:13

Tgt Ion:101 Resp: 2539
Ion Ratio Lower Upper
101 100
85 41.4 34.0 51.0
151 92.2 59.4 89.0#





#12

1,1-Dichloroethene

Concen: 1.376 ug/l

RT: 2.319 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX030797.D

Acq: 26 Aug 2022 02:13

Instrument :

MSVOA_X

ClientSampleId :

DUP04-20220816

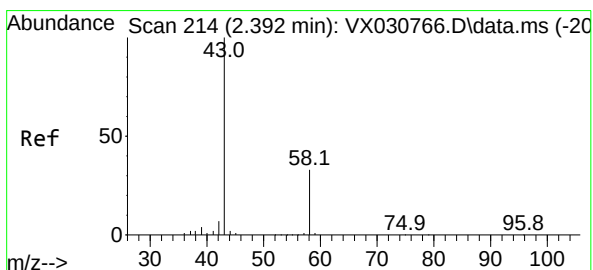
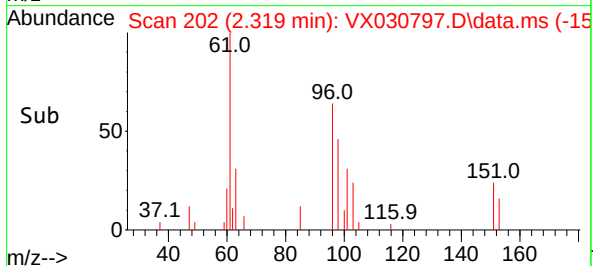
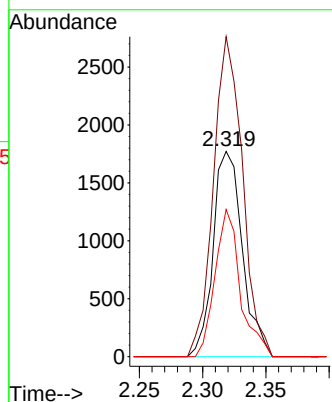
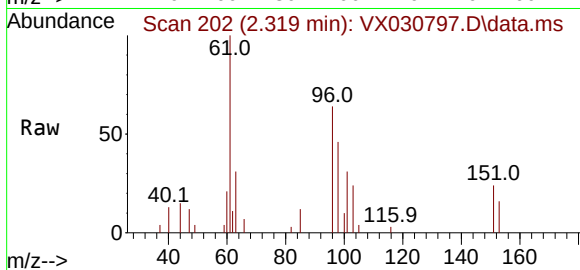
Tgt Ion: 96 Resp: 2842

Ion Ratio Lower Upper

96 100

61 155.9 117.4 176.0

98 71.7 52.2 78.4



#16

Acetone

Concen: 1.984 ug/l

RT: 2.392 min Scan# 214

Delta R.T. -0.000 min

Lab File: VX030797.D

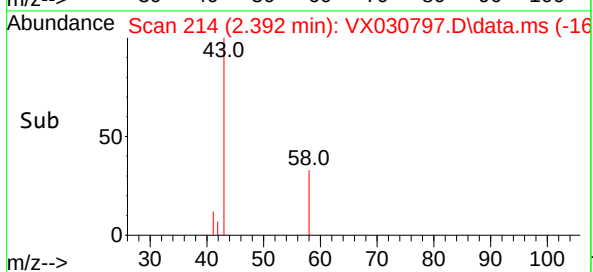
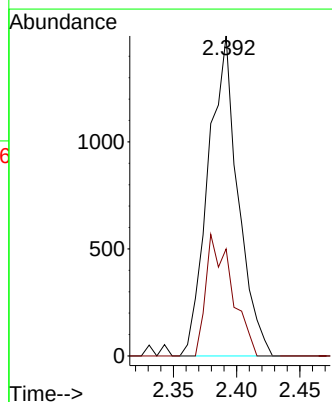
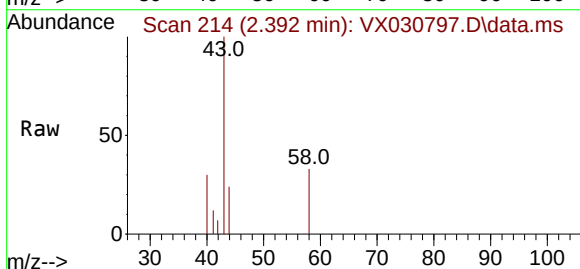
Acq: 26 Aug 2022 02:13

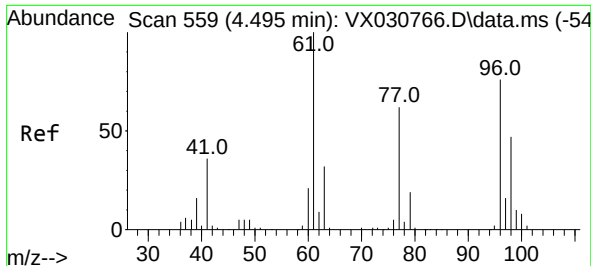
Tgt Ion: 43 Resp: 2456

Ion Ratio Lower Upper

43 100

58 33.4 27.7 41.5





#27

cis-1,2-Dichloroethene

Concen: 1.248 ug/l

RT: 4.495 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX030797.D

Acq: 26 Aug 2022 02:13

Instrument :

MSVOA_X

ClientSampleId :

DUP04-20220816

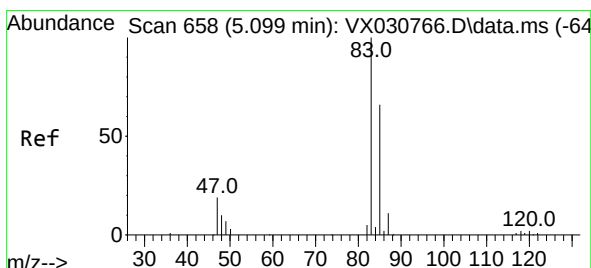
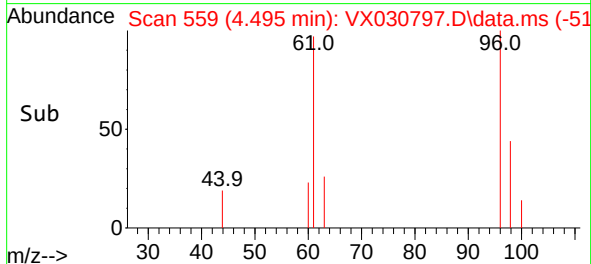
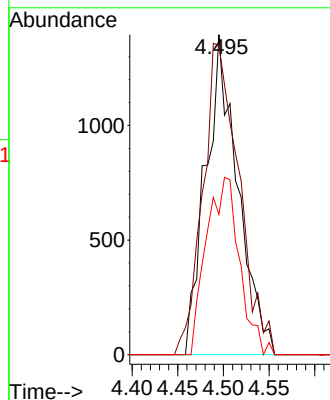
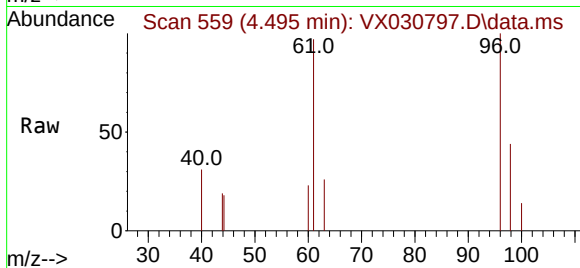
Tgt Ion: 96 Resp: 3420

Ion Ratio Lower Upper

96 100

61 108.5 0.0 270.0

98 57.3 0.0 127.8



#30

Chloroform

Concen: 0.387 ug/l

RT: 5.105 min Scan# 659

Delta R.T. 0.006 min

Lab File: VX030797.D

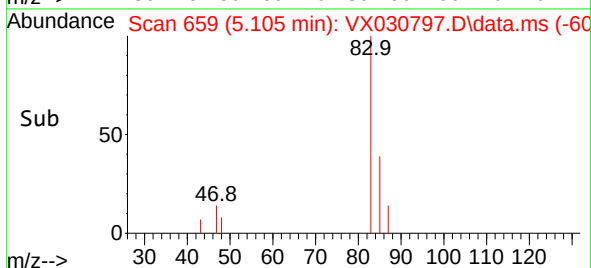
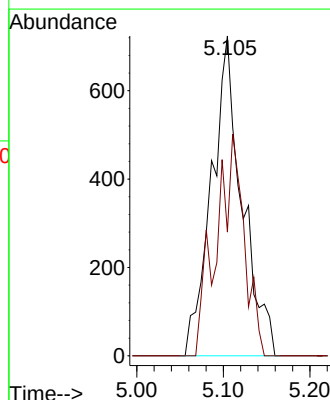
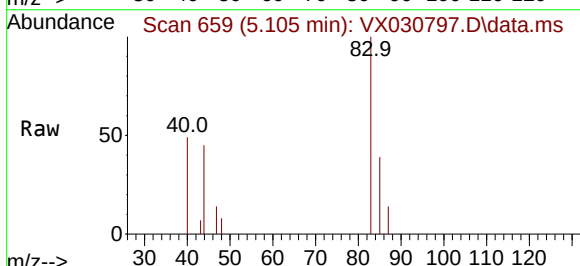
Acq: 26 Aug 2022 02:13

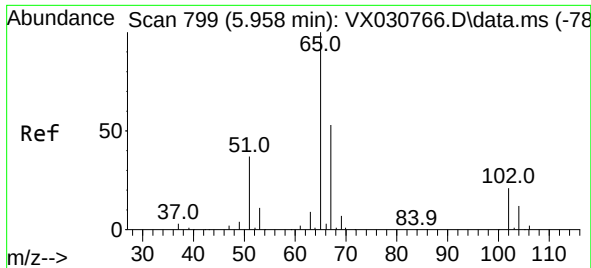
Tgt Ion: 83 Resp: 1770

Ion Ratio Lower Upper

83 100

85 38.7 51.5 77.3#

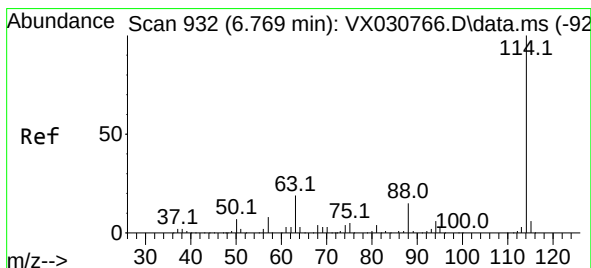
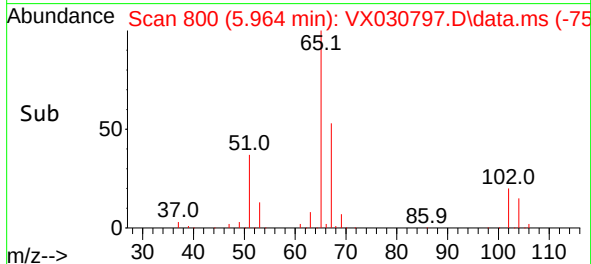
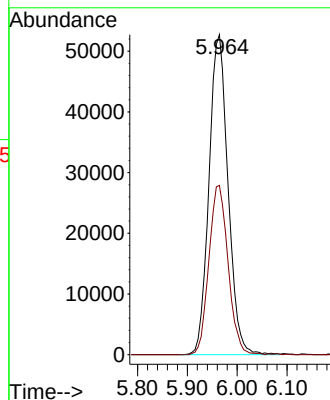
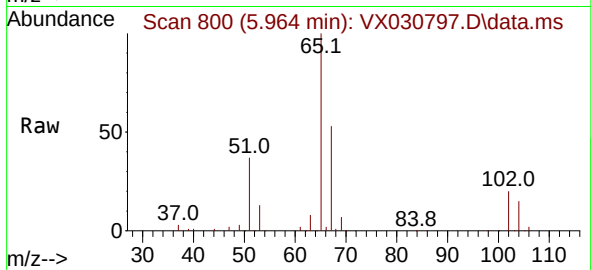




#33
1,2-Dichloroethane-d4
Concen: 52.186 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX030797.D
Acq: 26 Aug 2022 02:13

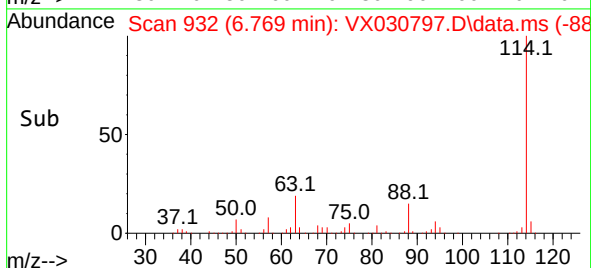
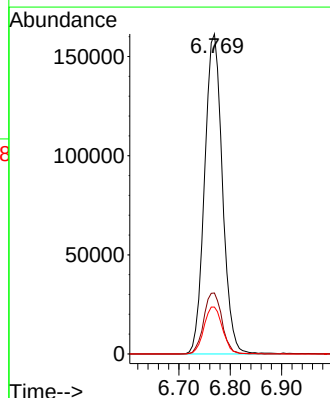
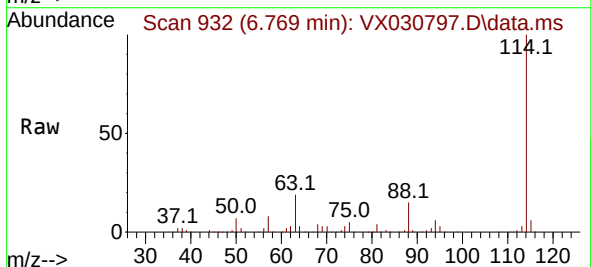
Instrument :
MSVOA_X
ClientSampleId :
DUP04-20220816

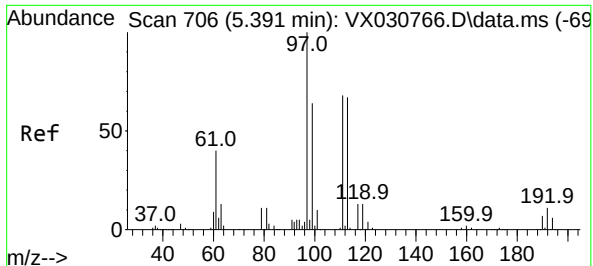
Tgt Ion: 65 Resp: 139817
Ion Ratio Lower Upper
65 100
67 53.3 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX030797.D
Acq: 26 Aug 2022 02:13

Tgt Ion: 114 Resp: 387933
Ion Ratio Lower Upper
114 100
63 19.1 0.0 38.4
88 14.6 0.0 31.8

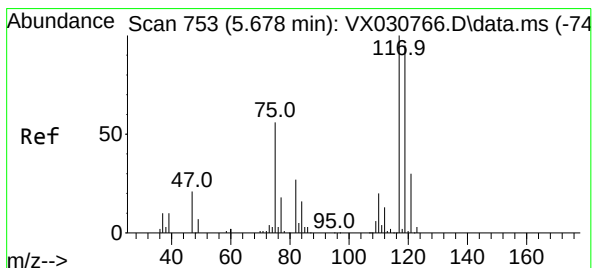
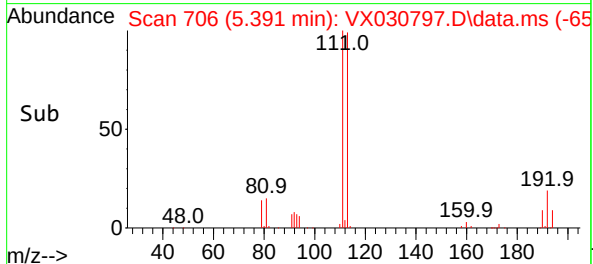
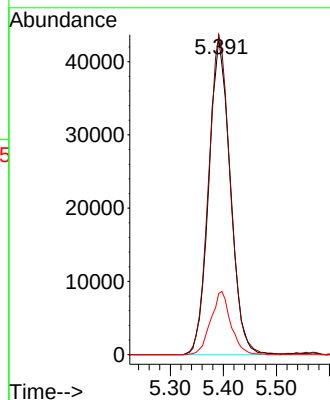
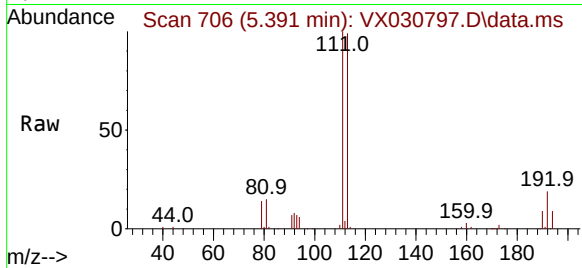




#35
Dibromofluoromethane
Concen: 50.870 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX030797.D
Acq: 26 Aug 2022 02:13

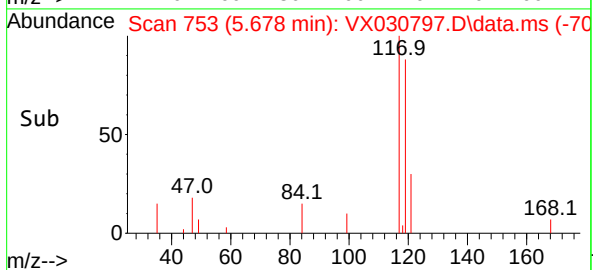
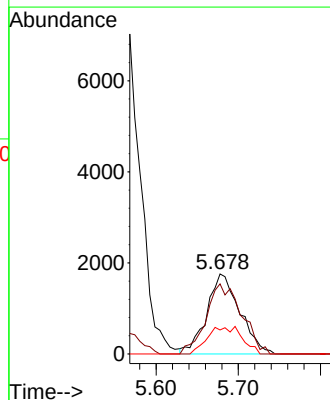
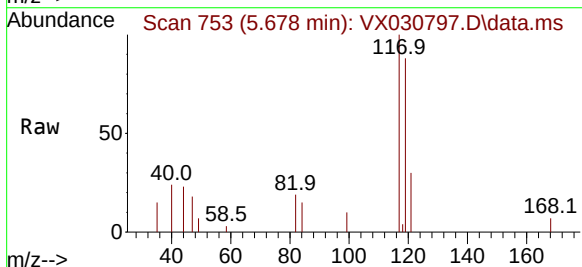
Instrument :
MSVOA_X
ClientSampleId :
DUP04-20220816

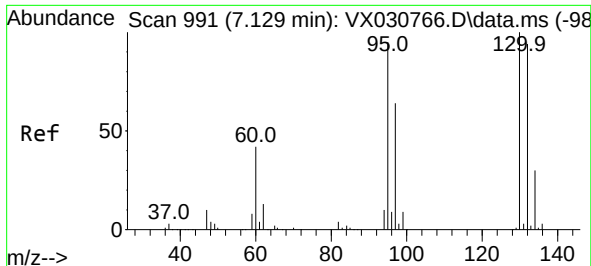
Tgt Ion:113 Resp: 121282
Ion Ratio Lower Upper
113 100
111 102.4 83.2 124.8
192 18.7 14.8 22.2



#38
Carbon Tetrachloride
Concen: 1.432 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.000 min
Lab File: VX030797.D
Acq: 26 Aug 2022 02:13

Tgt Ion:117 Resp: 4904
Ion Ratio Lower Upper
117 100
119 87.6 74.1 111.1
121 30.0 25.8 38.8

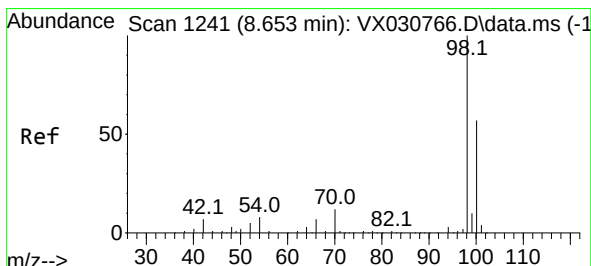
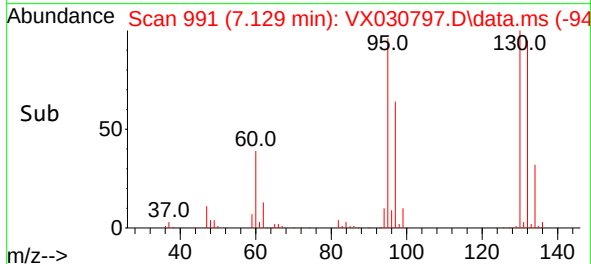
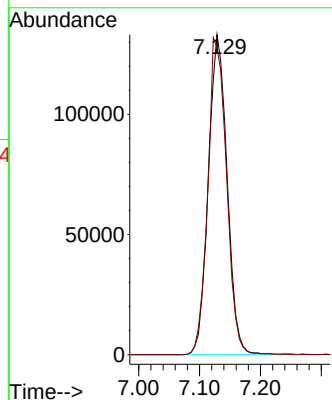
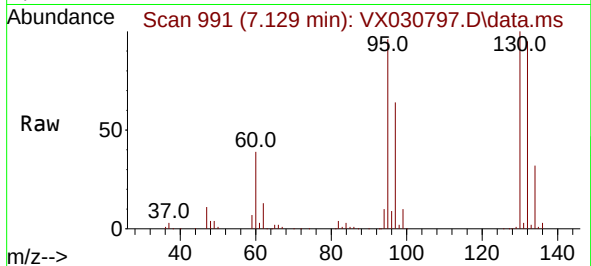




#44
Trichloroethene
Concen: 101.586 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX030797.D
Acq: 26 Aug 2022 02:13

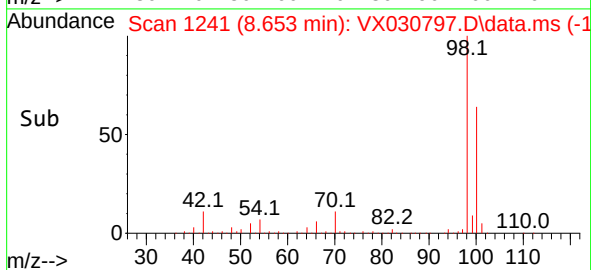
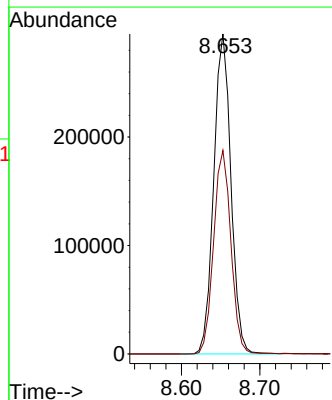
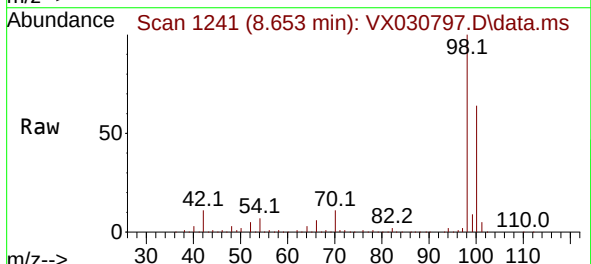
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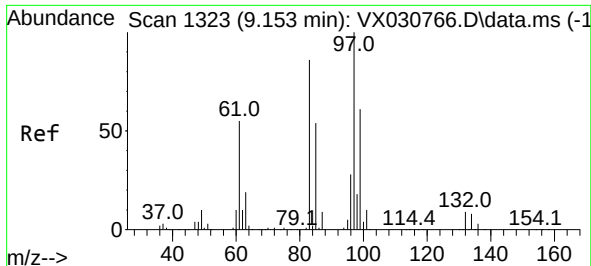
Tgt Ion:130 Resp: 285074
Ion Ratio Lower Upper
130 100
95 96.0 0.0 194.8



#50
Toluene-d8
Concen: 54.178 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX030797.D
Acq: 26 Aug 2022 02:13

Tgt Ion: 98 Resp: 450114
Ion Ratio Lower Upper
98 100
100 63.8 52.3 78.5





#55

1,1,2-Trichloroethane

Concen: 0.616 ug/l

RT: 9.159 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX030797.D

Acq: 26 Aug 2022 02:13

Instrument :

MSVOA_X

ClientSampleId :

DUP04-20220816

Tgt Ion: 97 Resp: 1660

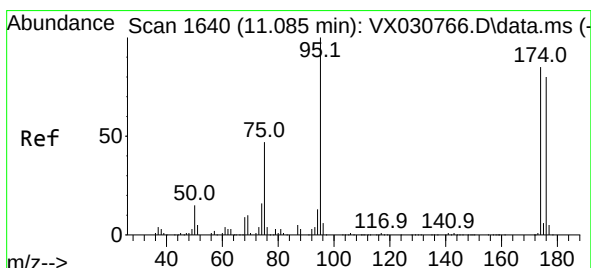
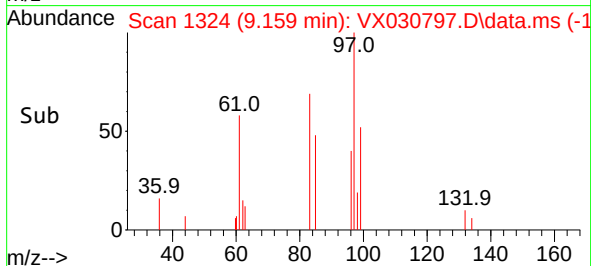
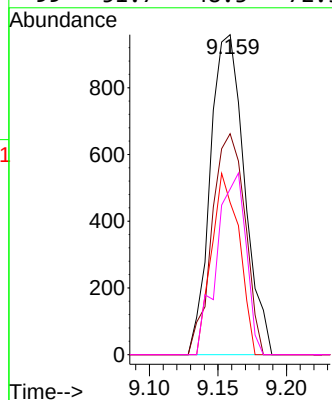
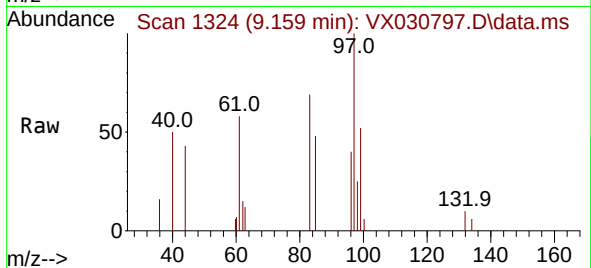
Ion Ratio Lower Upper

97 100

83 69.0 68.9 103.3

85 47.5 44.0 66.0

99 51.7 48.3 72.5



#62

4-Bromofluorobenzene

Concen: 48.671 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.000 min

Lab File: VX030797.D

Acq: 26 Aug 2022 02:13

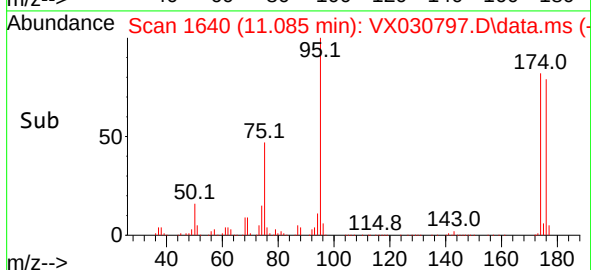
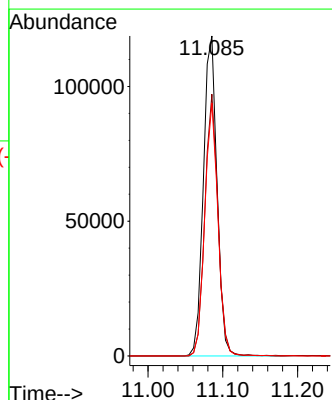
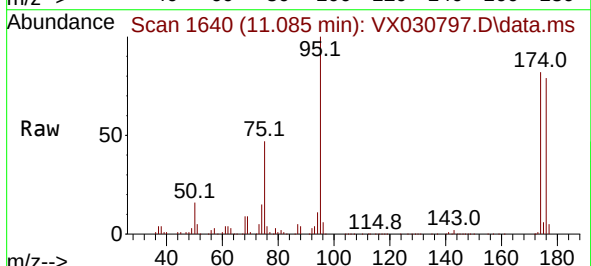
Tgt Ion: 95 Resp: 150543

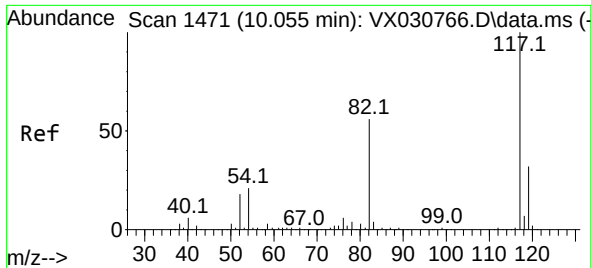
Ion Ratio Lower Upper

95 100

174 78.9 0.0 149.0

176 76.6 0.0 146.0

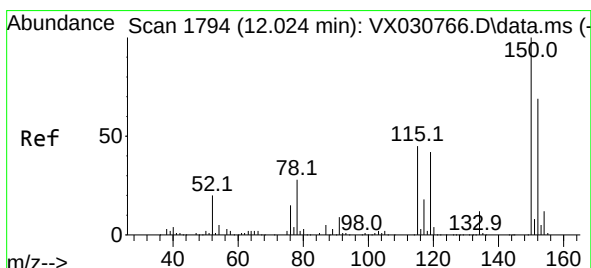
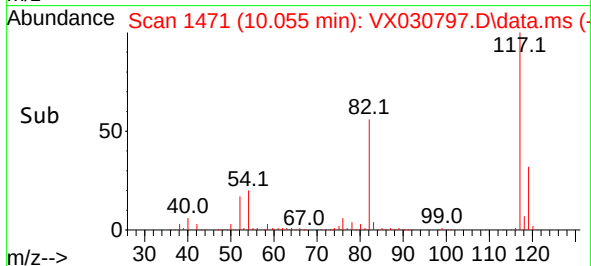
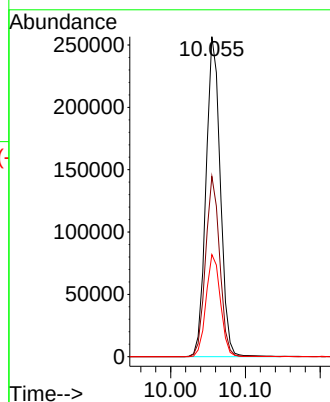
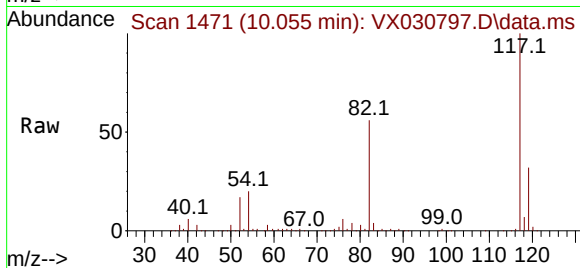




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX030797.D
Acq: 26 Aug 2022 02:13

Instrument :
MSVOA_X
ClientSampleId :
DUP04-20220816

Tgt Ion:117 Resp: 340931
Ion Ratio Lower Upper
117 100
82 56.4 42.7 64.1
119 31.9 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: VX030797.D
Acq: 26 Aug 2022 02:13

Tgt Ion:152 Resp: 149723
Ion Ratio Lower Upper
152 100
115 58.9 40.5 121.5
150 155.5 0.0 347.0

