

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082322\
 Data File : VX030751.D
 Acq On : 23 Aug 2022 23:07
 Operator : JC/MD
 Sample : N4245-03DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW179D2-20220816DL

Quant Time: Aug 24 04:33:45 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)

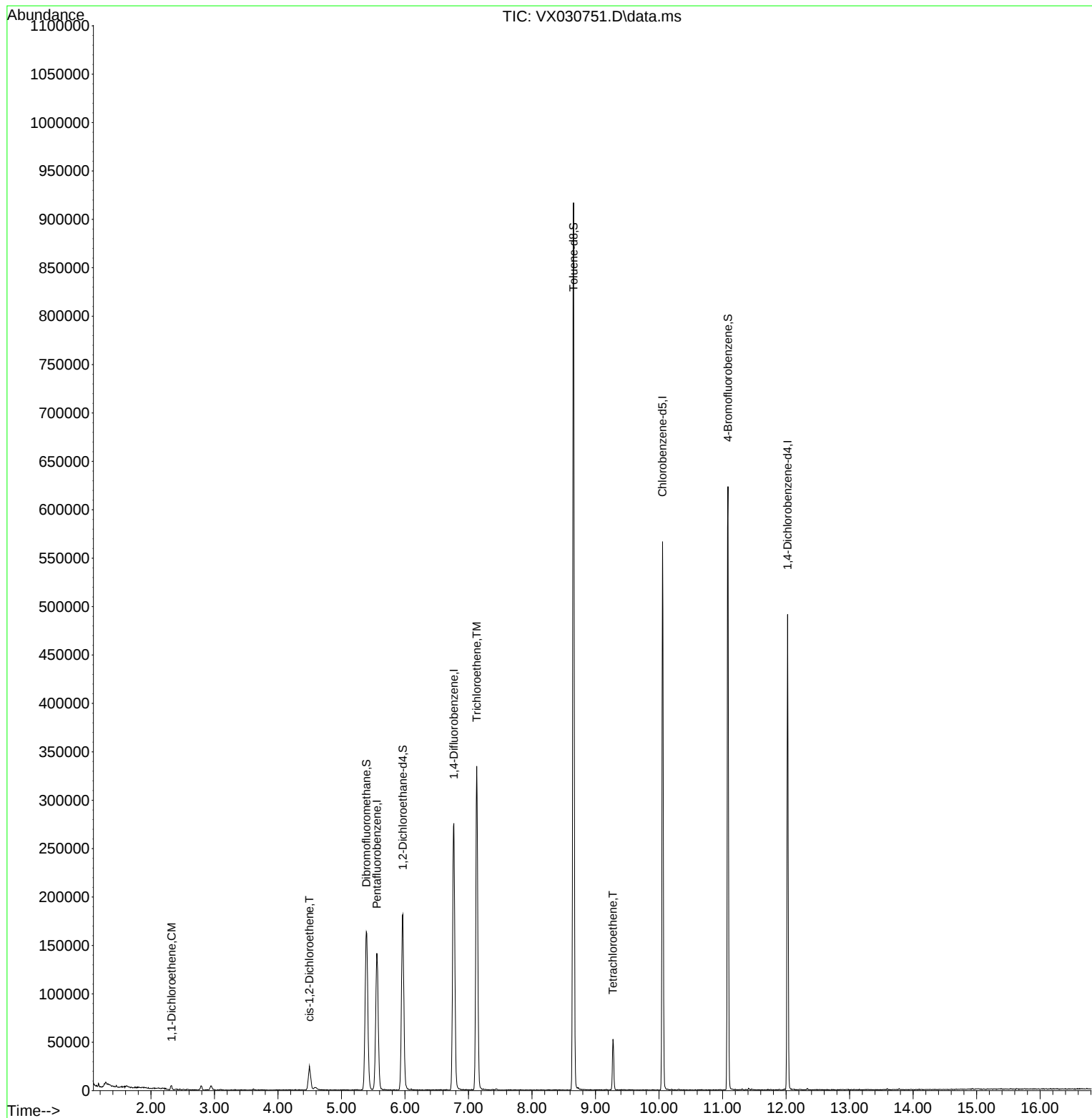
Internal Standards						
1) Pentafluorobenzene	5.556	168	133657	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	297374	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	267943	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	99447	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	164877	61.374	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 122.740%	
35) Dibromofluoromethane	5.391	113	152469	53.634	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 107.260%	
50) Toluene-d8	8.653	98	569015	51.687	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.380%	
62) 4-Bromofluorobenzene	11.085	95	182524	44.674	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 89.340%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.325	96	1612	0.772	ug/l	# 80
27) cis-1,2-Dichloroethene	4.495	96	16216	5.984	ug/l	86
44) Trichloroethene	7.129	130	131604	37.418	ug/l	95
64) Tetrachloroethene	9.275	164	9769	3.387	ug/l	99

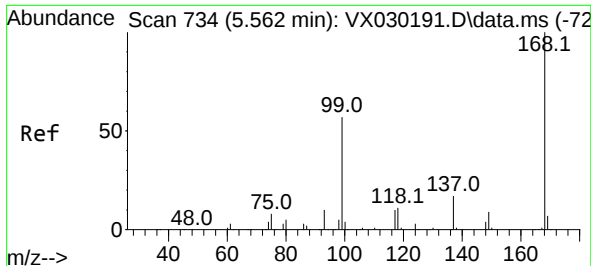
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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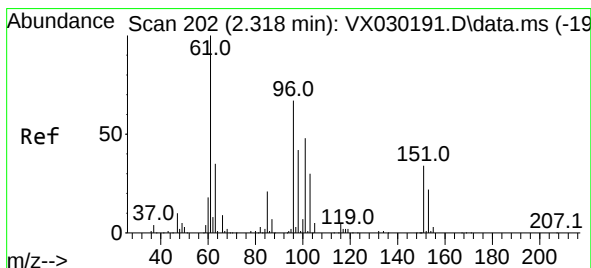
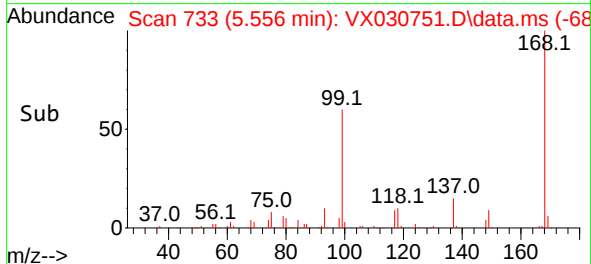
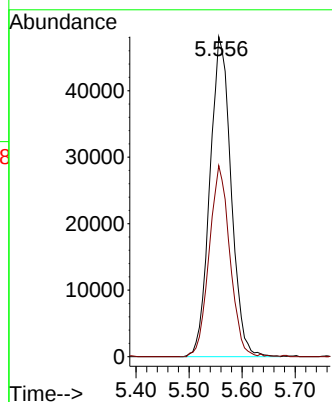
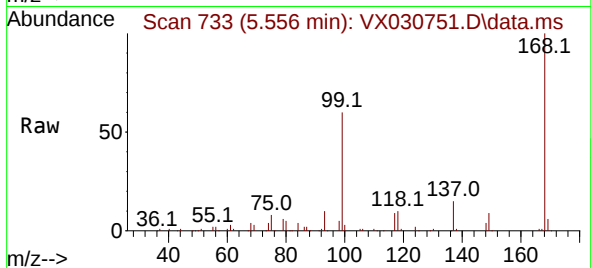




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX030751.D
Acq: 23 Aug 2022 23:07

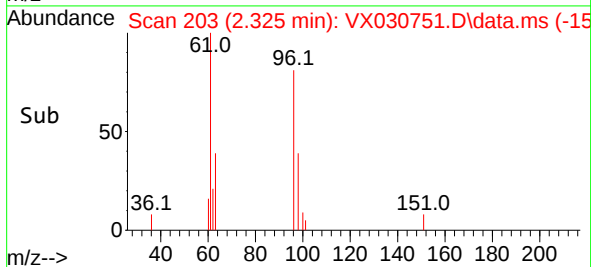
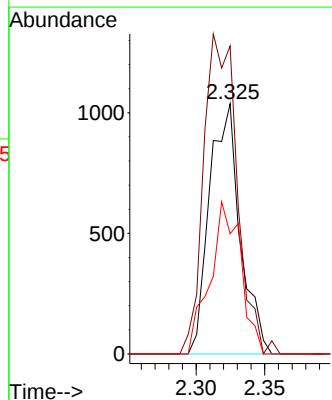
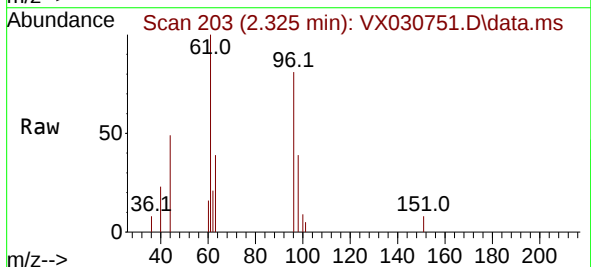
Instrument :
MSVOA_X
ClientSampleId :
MW179D2-20220816DL

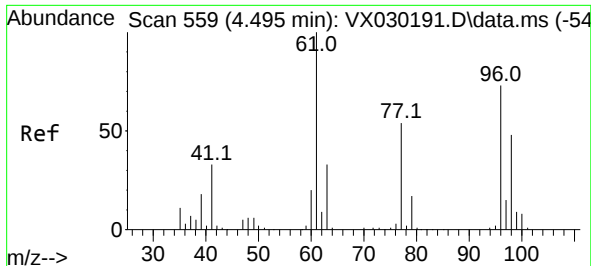
Tgt Ion:168 Resp: 133657
Ion Ratio Lower Upper
168 100
99 59.7 44.0 66.0



#12
1,1-Dichloroethene
Concen: 0.772 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.007 min
Lab File: VX030751.D
Acq: 23 Aug 2022 23:07

Tgt Ion: 96 Resp: 1612
Ion Ratio Lower Upper
96 100
61 123.0 117.4 176.0
98 48.0 52.2 78.4#





#27

cis-1,2-Dichloroethene

Concen: 5.984 ug/l

RT: 4.495 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX030751.D

Acq: 23 Aug 2022 23:07

Instrument :

MSVOA_X

ClientSampleId :

MW179D2-20220816DL

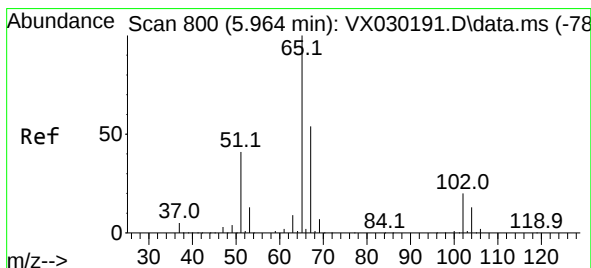
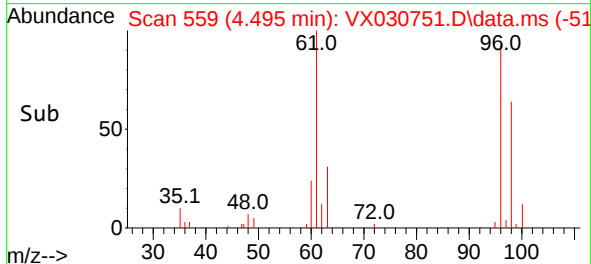
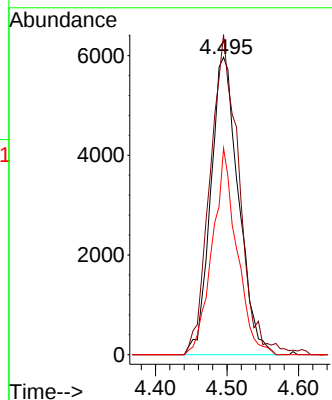
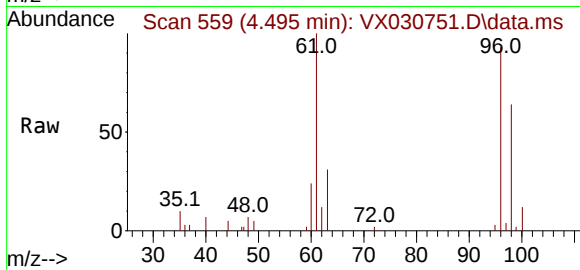
Tgt Ion: 96 Resp: 16216

Ion Ratio Lower Upper

96 100

61 111.9 0.0 270.0

98 60.8 0.0 127.8



#33

1,2-Dichloroethane-d4

Concen: 61.374 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX030751.D

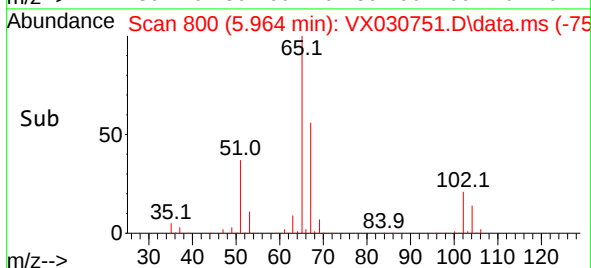
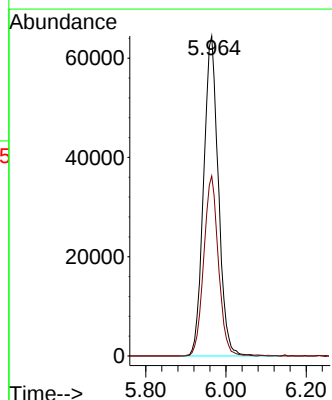
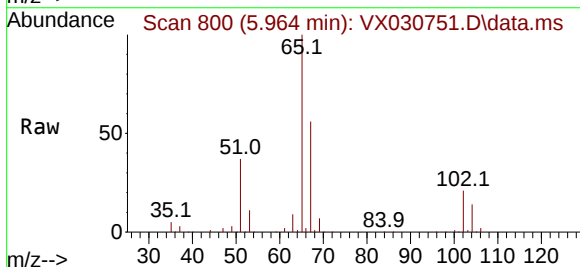
Acq: 23 Aug 2022 23:07

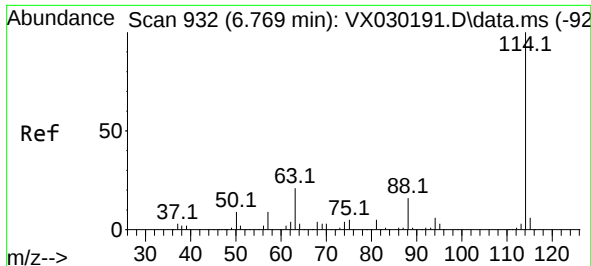
Tgt Ion: 65 Resp: 164877

Ion Ratio Lower Upper

65 100

67 55.8 0.0 109.6

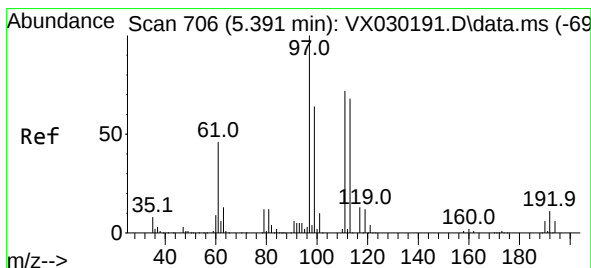
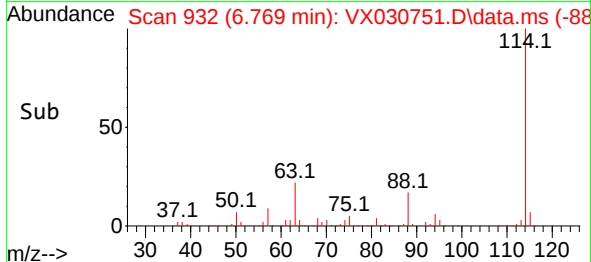
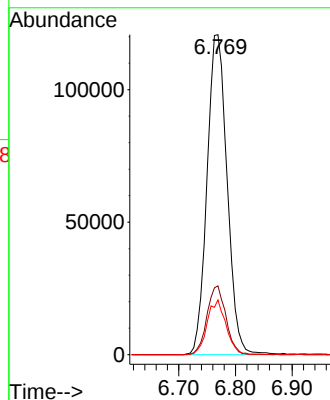
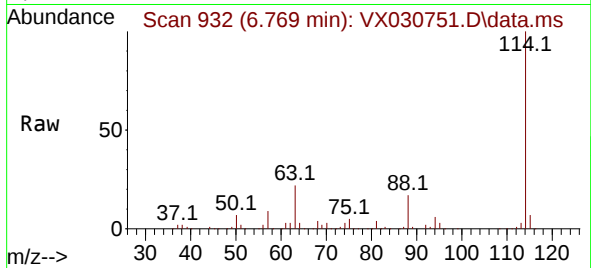




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX030751.D
Acq: 23 Aug 2022 23:07

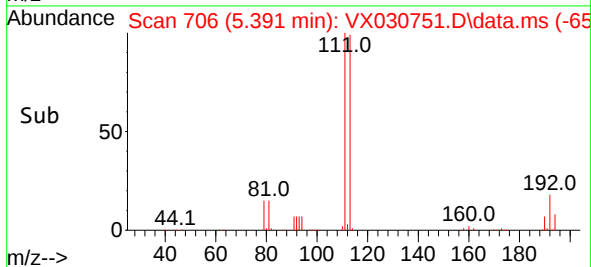
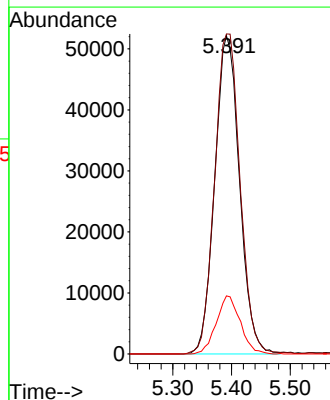
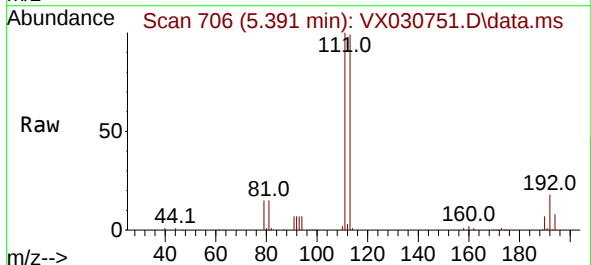
Instrument :
MSVOA_X
ClientSampleId :
MW179D2-20220816DL

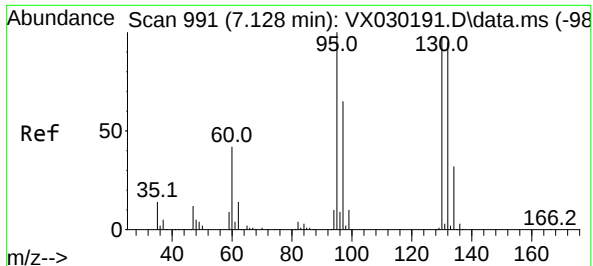
Tgt Ion:114 Resp: 297374
Ion Ratio Lower Upper
114 100
63 21.5 0.0 38.4
88 17.1 0.0 31.8



#35
Dibromofluoromethane
Concen: 53.634 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX030751.D
Acq: 23 Aug 2022 23:07

Tgt Ion:113 Resp: 152469
Ion Ratio Lower Upper
113 100
111 103.2 83.2 124.8
192 17.7 14.8 22.2

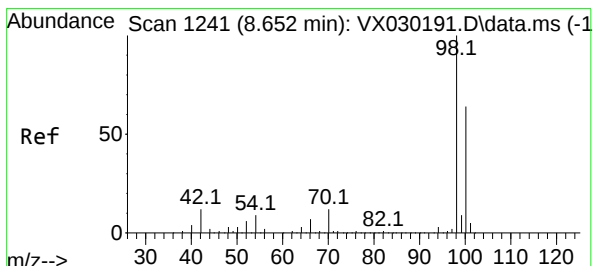
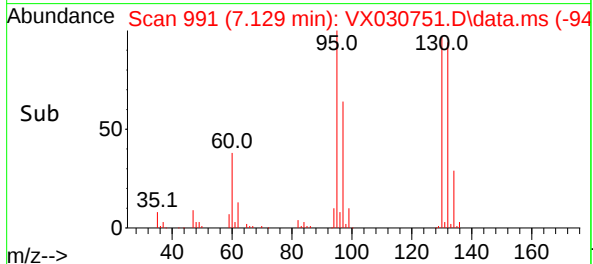
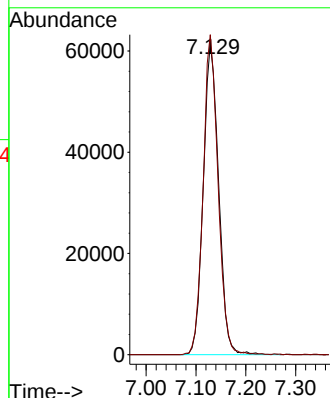
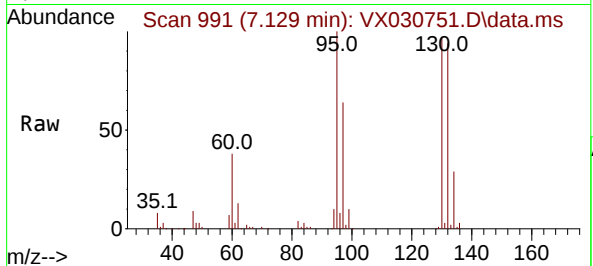




#44
Trichloroethene
Concen: 37.418 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.001 min
Lab File: VX030751.D
Acq: 23 Aug 2022 23:07

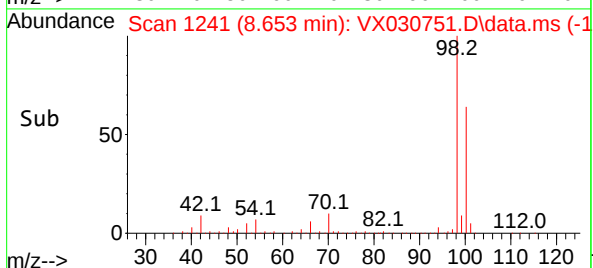
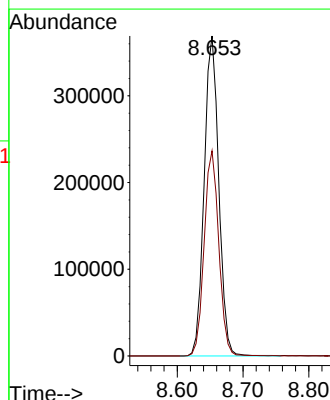
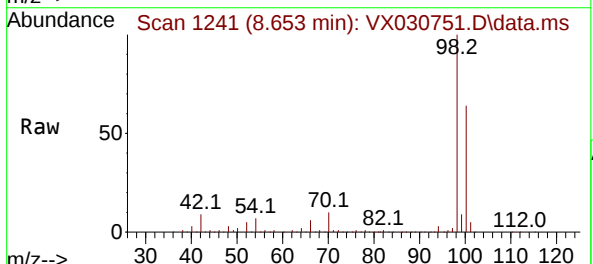
Instrument :
MSVOA_X
ClientSampleId :
MW179D2-20220816DL

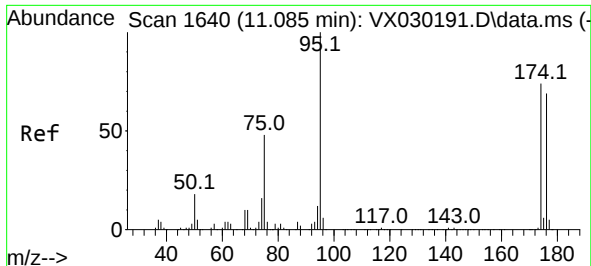
Tgt Ion:130 Resp: 131604
Ion Ratio Lower Upper
130 100
95 102.8 0.0 194.8



#50
Toluene-d8
Concen: 51.687 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.001 min
Lab File: VX030751.D
Acq: 23 Aug 2022 23:07

Tgt Ion: 98 Resp: 569015
Ion Ratio Lower Upper
98 100
100 64.4 52.3 78.5

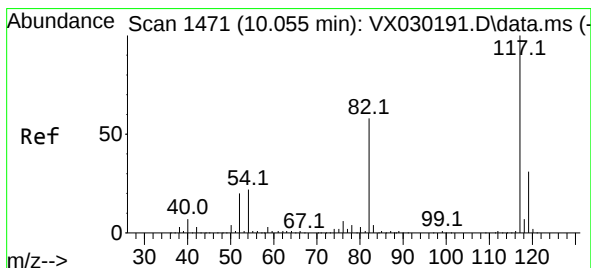
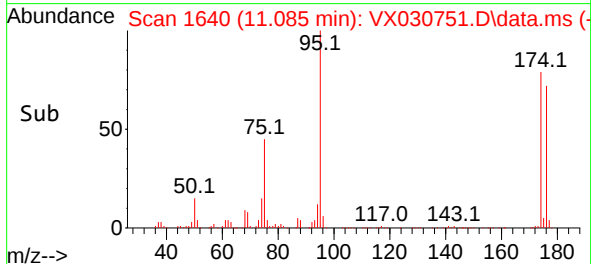
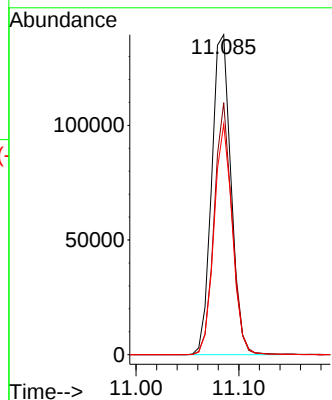
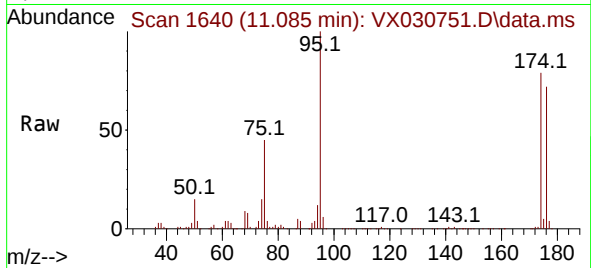




#62
4-Bromofluorobenzene
Concen: 44.674 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX030751.D
Acq: 23 Aug 2022 23:07

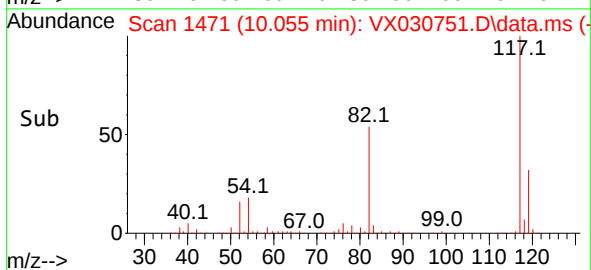
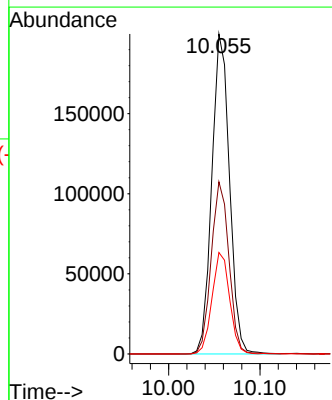
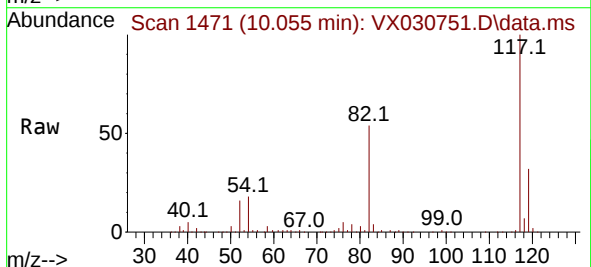
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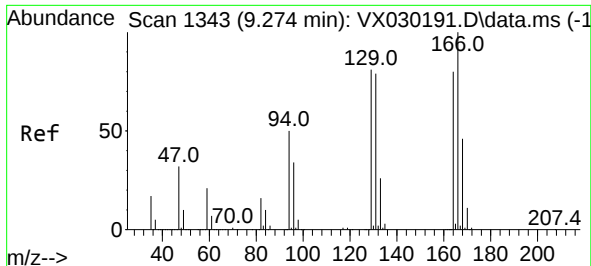
Tgt Ion: 95 Resp: 182524
Ion Ratio Lower Upper
95 100
174 73.2 0.0 149.0
176 68.4 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030751.D
Acq: 23 Aug 2022 23:07

Tgt Ion: 117 Resp: 267943
Ion Ratio Lower Upper
117 100
82 53.8 42.7 64.1
119 31.7 25.4 38.2

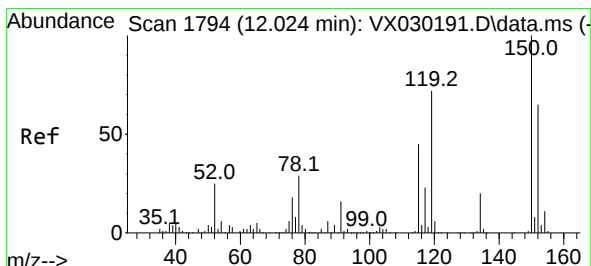
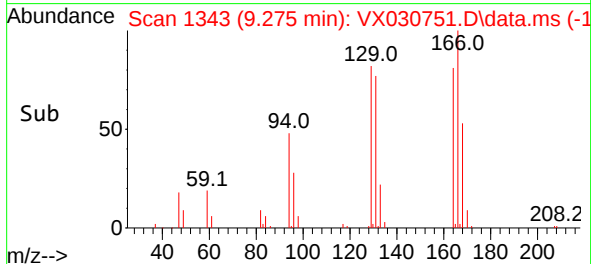
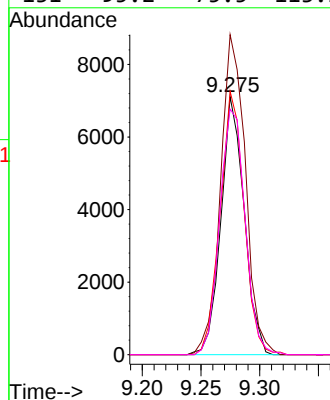
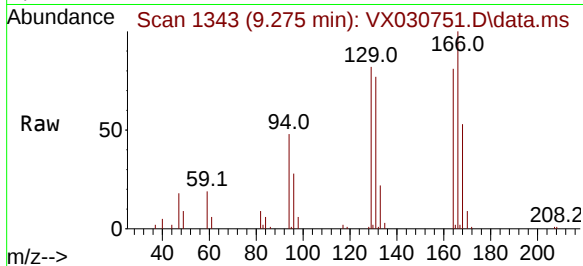




#64
Tetrachloroethene
Concen: 3.387 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX030751.D
Acq: 23 Aug 2022 23:07

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:164	Resp:	9769	
Ion	Ratio	Lower	Upper
164	100		
166	124.0	98.2	147.4
129	102.1	80.8	121.2
131	95.2	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: VX030751.D
Acq: 23 Aug 2022 23:07

Tgt Ion:152	Resp:	99447	
Ion	Ratio	Lower	Upper
152	100		
115	63.0	40.5	121.5
150	156.1	0.0	347.0

