

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072722\
 Data File : VX030236.D
 Acq On : 27 Jul 2022 17:02
 Operator : JC/MD
 Sample : N3898-02 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 61422-A

Quant Time: Jul 28 05:52:06 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)

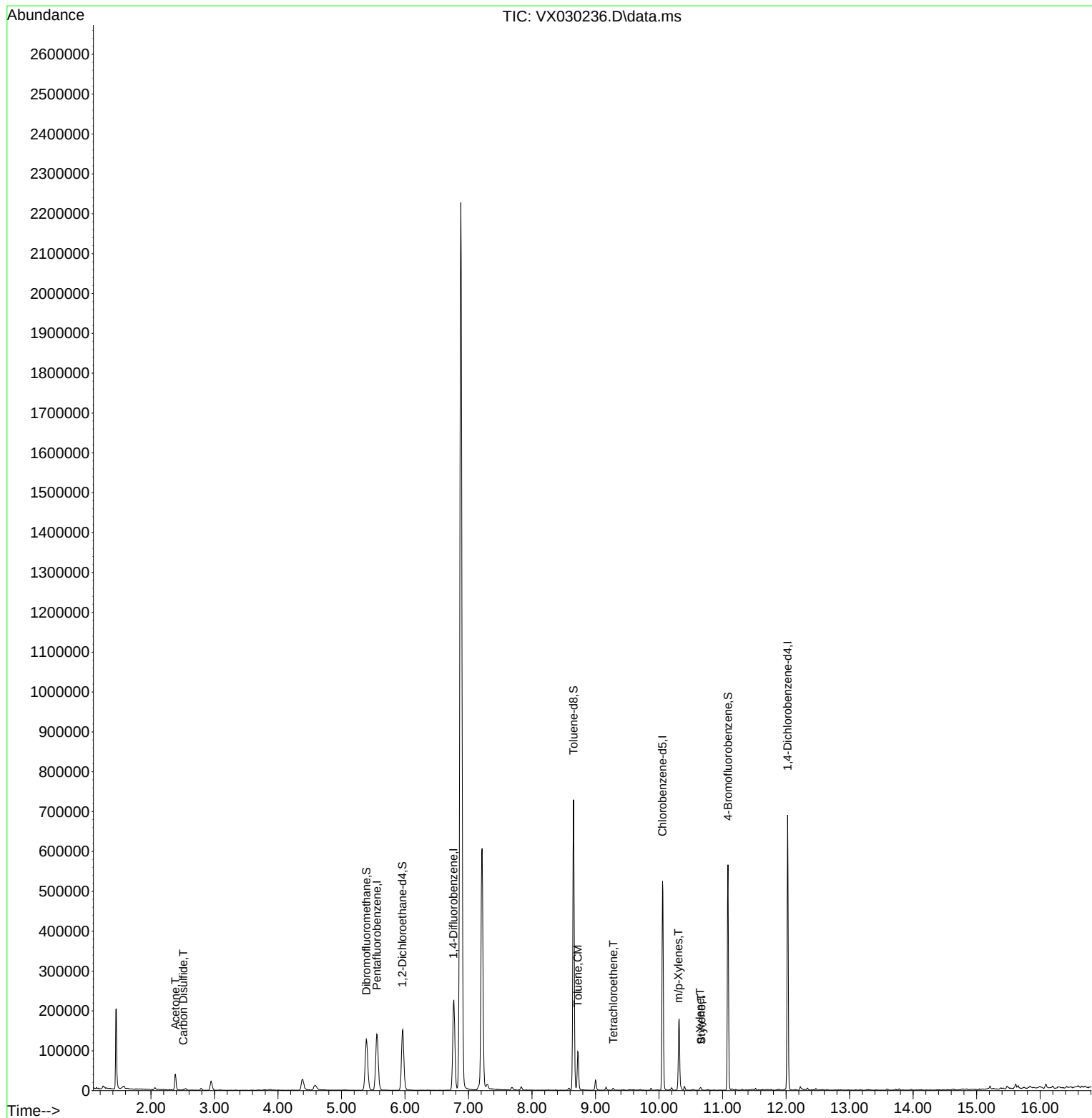
Internal Standards						
1) Pentafluorobenzene	5.556	168	130856	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	234248	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	236072	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	133911	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	143823	54.683	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.360%	
35) Dibromofluoromethane	5.391	113	113088	50.502	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.000%	
50) Toluene-d8	8.653	98	416711	48.053	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 96.100%	
62) 4-Bromofluorobenzene	11.085	95	149608	46.485	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 92.980%	
Target Compounds						
						Qvalue
16) Acetone	2.385	43	43541	32.335	ug/l	93
17) Carbon Disulfide	2.507	76	1725	0.313	ug/l	95
52) Toluene	8.720	92	36848	5.957	ug/l	97
64) Tetrachloroethene	9.281	164	765	0.301	ug/l	81
68) m/p-Xylenes	10.305	106	4904	1.129	ug/l	92
69) o-Xylene	10.646	106	1185	0.277	ug/l	91
70) Styrene	10.664	104	1835	0.261	ug/l	97

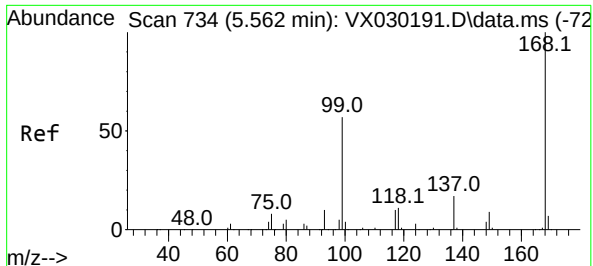
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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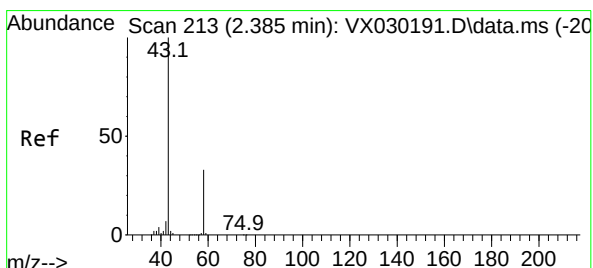
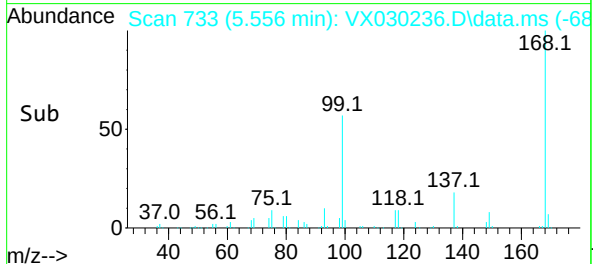
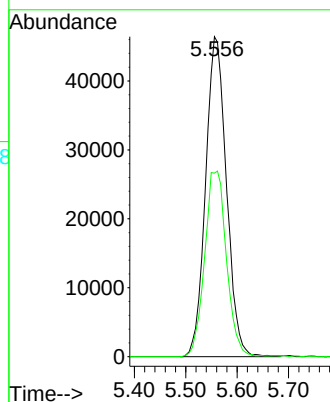
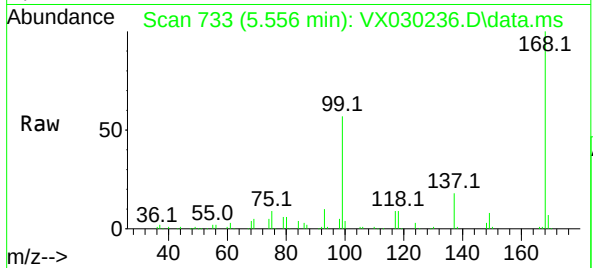




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX030236.D
Acq: 27 Jul 2022 17:02

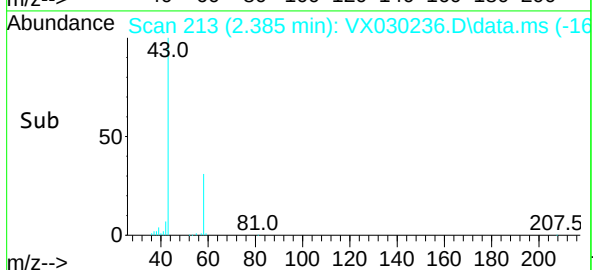
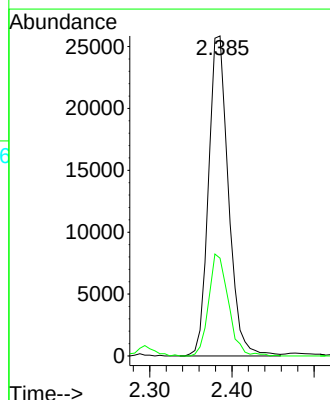
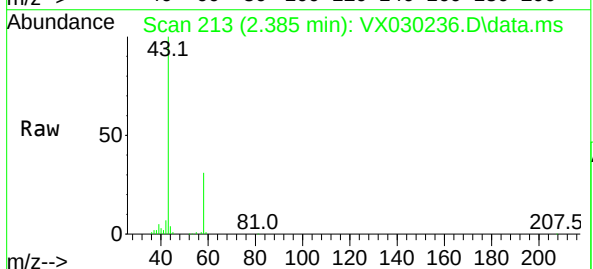
Instrument :
MSVOA_X
ClientSampleId :
61422-A

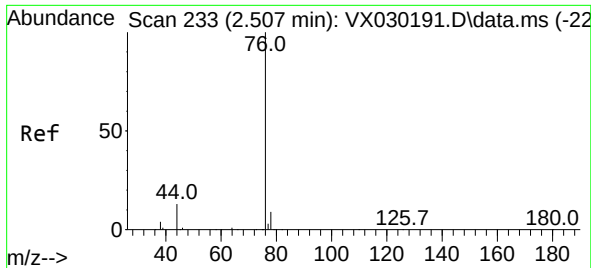
Tgt Ion:168 Resp: 130856
Ion Ratio Lower Upper
168 100
99 57.3 44.0 66.0



#16
Acetone
Concen: 32.335 ug/l
RT: 2.385 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX030236.D
Acq: 27 Jul 2022 17:02

Tgt Ion: 43 Resp: 43541
Ion Ratio Lower Upper
43 100
58 30.5 27.7 41.5

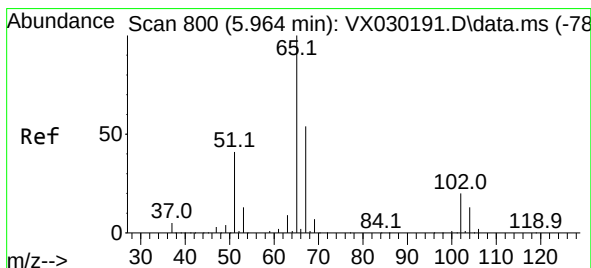
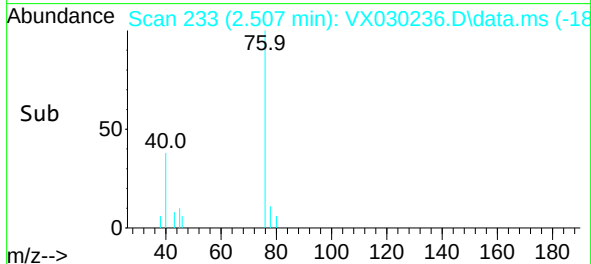
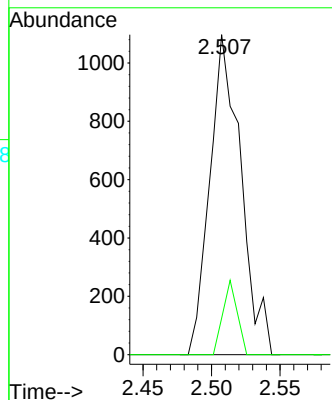
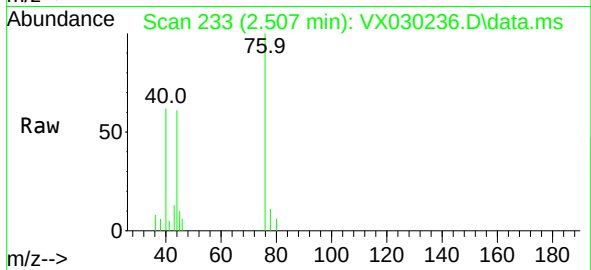




#17
Carbon Disulfide
Concen: 0.313 ug/l
RT: 2.507 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX030236.D
Acq: 27 Jul 2022 17:02

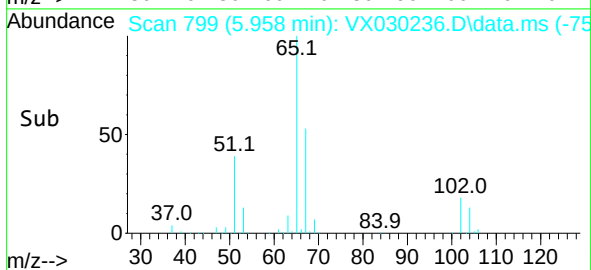
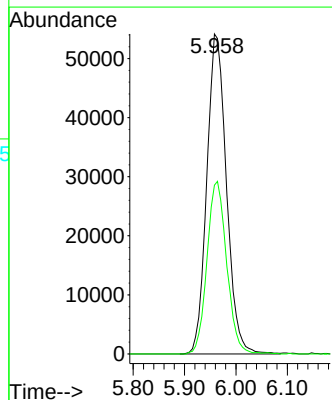
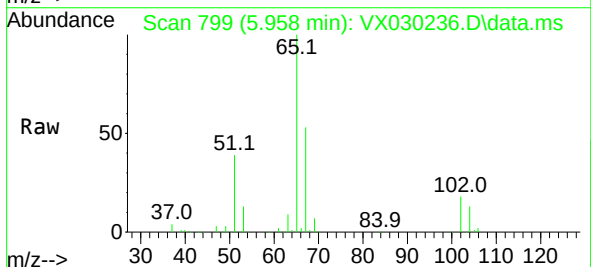
Instrument :
MSVOA_X
ClientSampleId :
61422-A

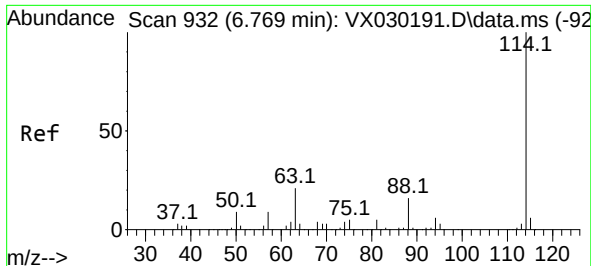
Tgt Ion: 76 Resp: 1725
Ion Ratio Lower Upper
76 100
78 11.4 7.8 11.6



#33
1,2-Dichloroethane-d4
Concen: 54.683 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX030236.D
Acq: 27 Jul 2022 17:02

Tgt Ion: 65 Resp: 143823
Ion Ratio Lower Upper
65 100
67 53.9 0.0 109.6

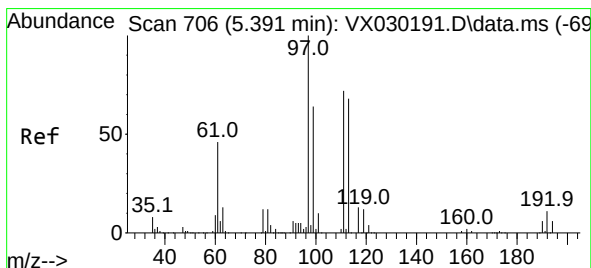
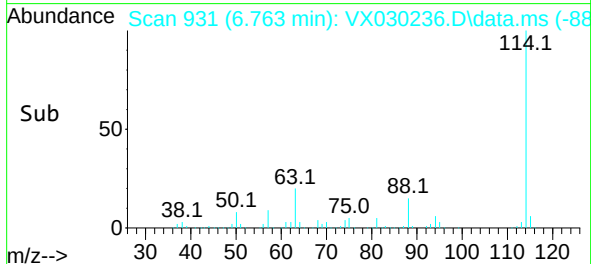
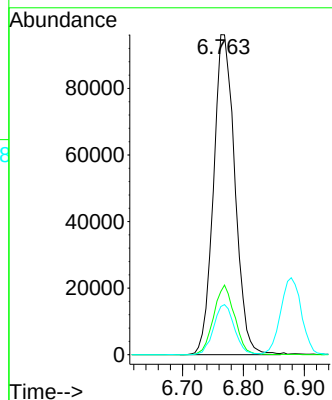
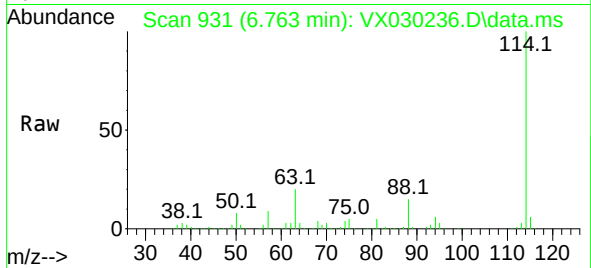




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX030236.D
Acq: 27 Jul 2022 17:02

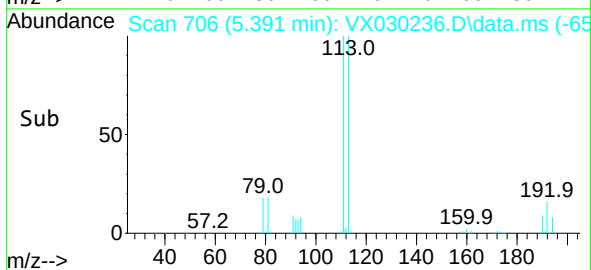
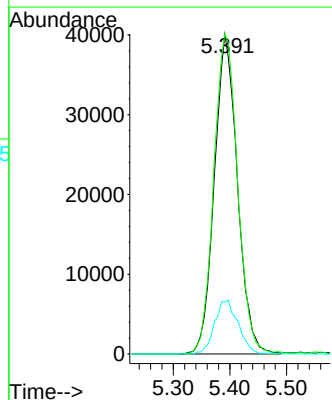
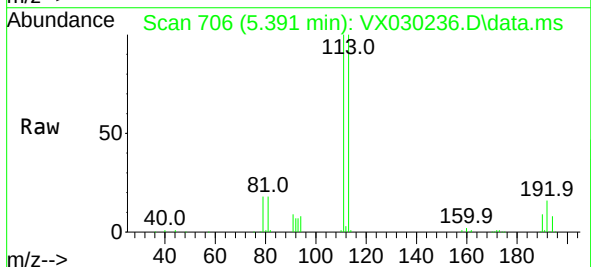
Instrument :
MSVOA_X
ClientSampleId :
61422-A

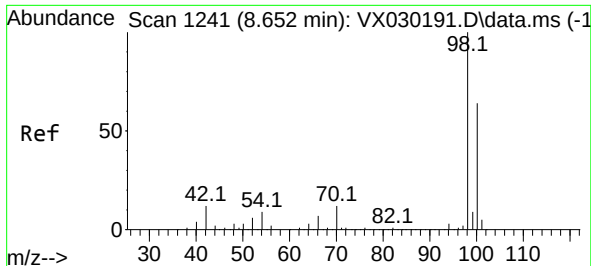
Tgt Ion:114 Resp: 234248
Ion Ratio Lower Upper
114 100
63 19.8 0.0 38.4
88 15.0 0.0 31.8



#35
Dibromofluoromethane
Concen: 50.502 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX030236.D
Acq: 27 Jul 2022 17:02

Tgt Ion:113 Resp: 113088
Ion Ratio Lower Upper
113 100
111 103.7 83.2 124.8
192 17.2 14.8 22.2

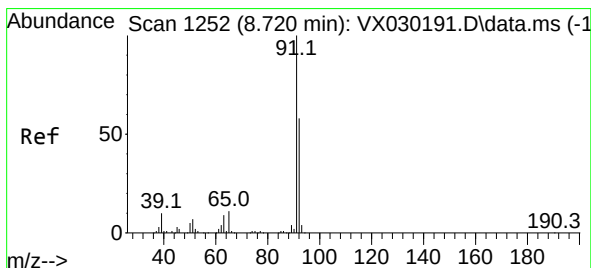
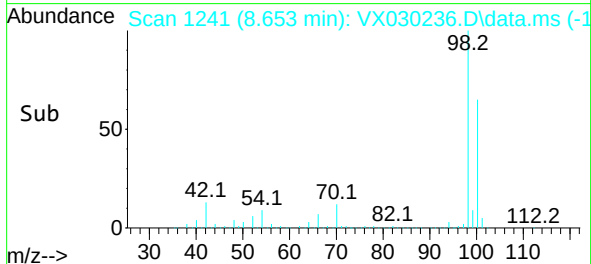
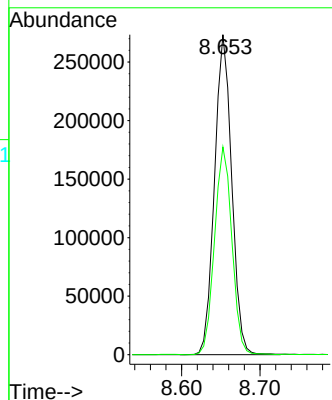
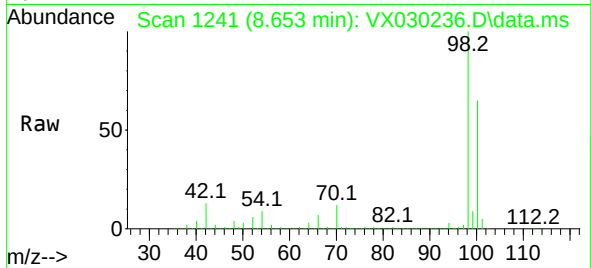




#50
Toluene-d8
Concen: 48.053 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX030236.D
Acq: 27 Jul 2022 17:02

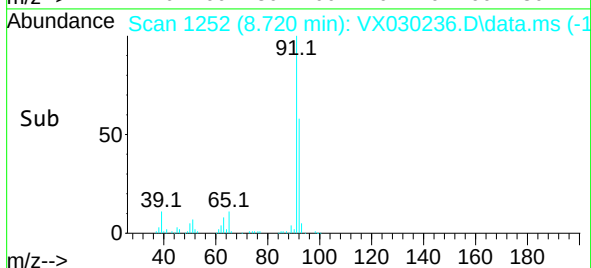
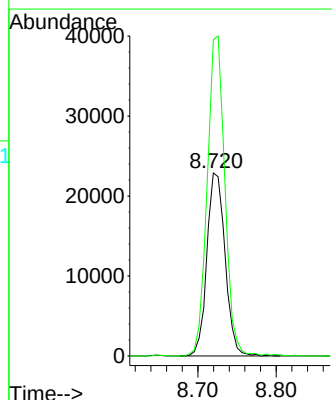
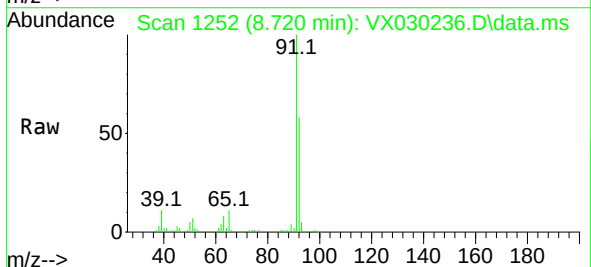
Instrument :
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ClientSampleId :
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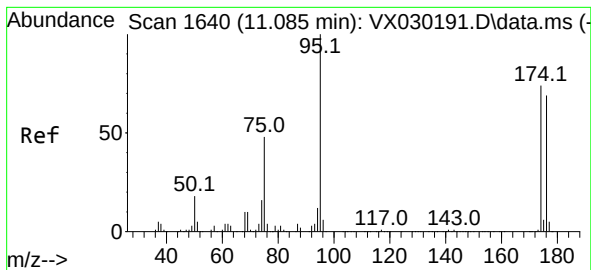
Tgt Ion: 98 Resp: 416711
Ion Ratio Lower Upper
98 100
100 65.6 52.3 78.5



#52
Toluene
Concen: 5.957 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX030236.D
Acq: 27 Jul 2022 17:02

Tgt Ion: 92 Resp: 36848
Ion Ratio Lower Upper
92 100
91 170.2 139.2 208.8

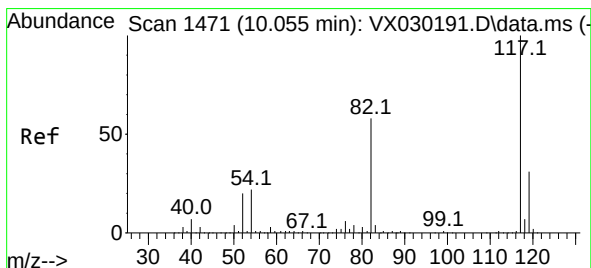
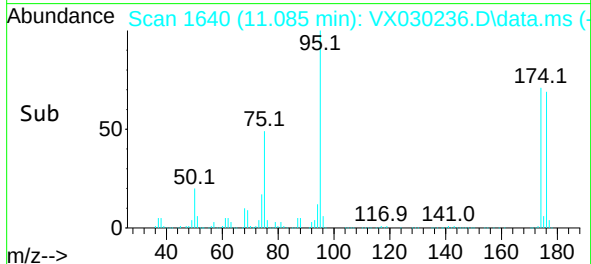
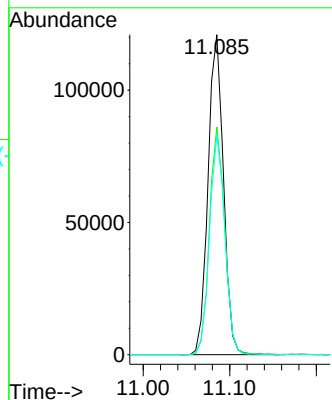
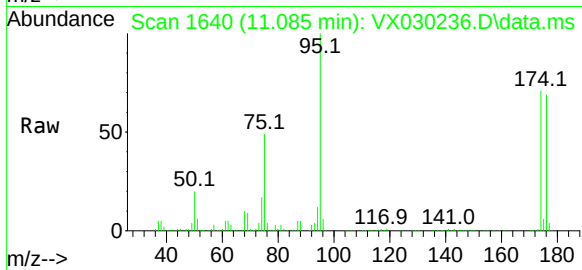




#62
4-Bromofluorobenzene
Concen: 46.485 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX030236.D
Acq: 27 Jul 2022 17:02

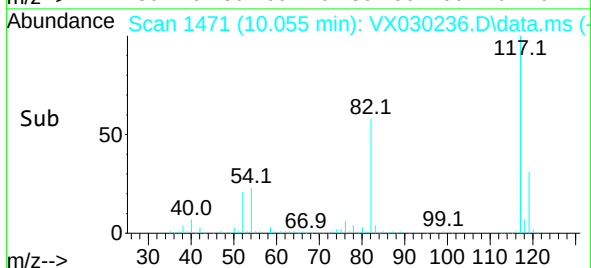
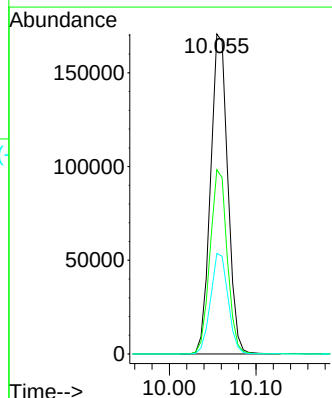
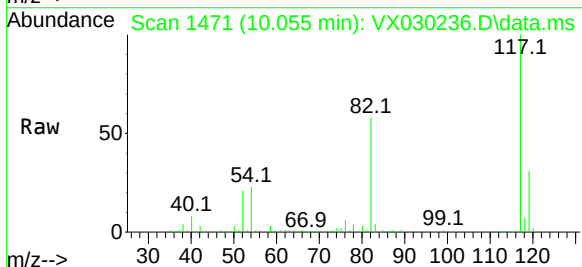
Instrument :
MSVOA_X
ClientSampleId :
61422-A

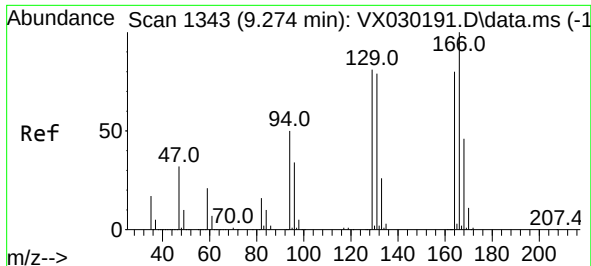
Tgt Ion: 95 Resp: 149608
Ion Ratio Lower Upper
95 100
174 71.1 0.0 149.0
176 68.0 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX030236.D
Acq: 27 Jul 2022 17:02

Tgt Ion: 117 Resp: 236072
Ion Ratio Lower Upper
117 100
82 57.6 42.7 64.1
119 31.4 25.4 38.2

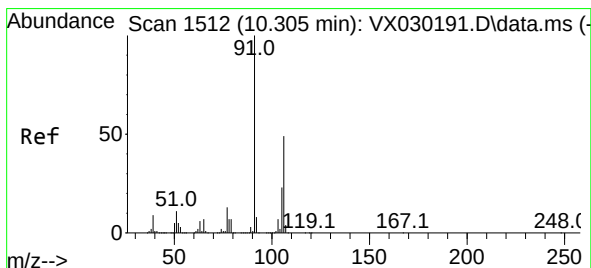
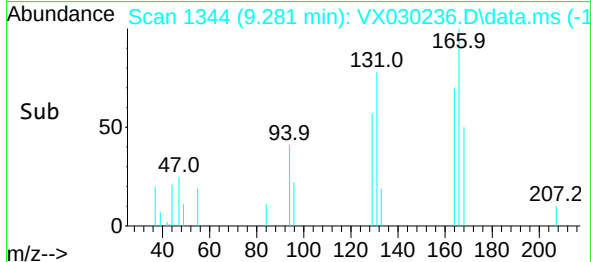
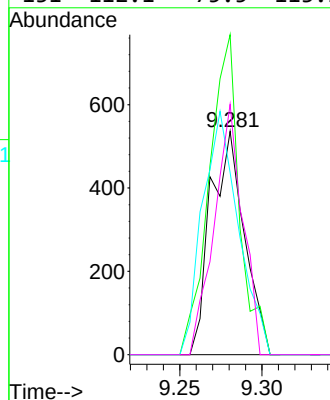
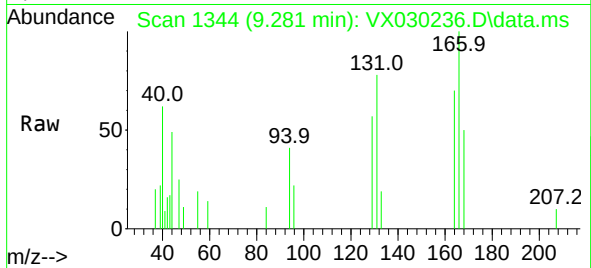




#64
Tetrachloroethene
Concen: 0.301 ug/l
RT: 9.281 min Scan# 11
Delta R.T. 0.007 min
Lab File: VX030236.D
Acq: 27 Jul 2022 17:02

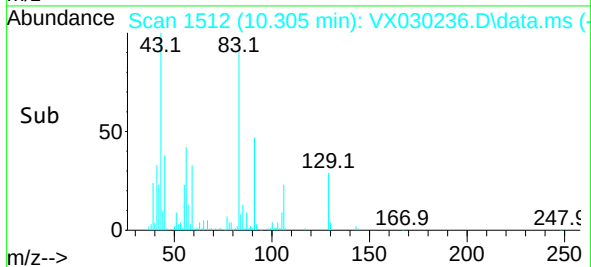
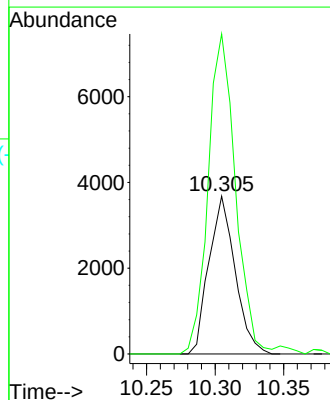
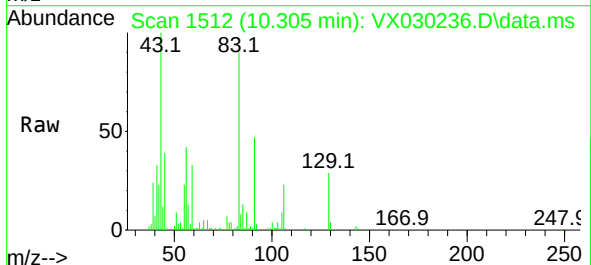
Instrument :
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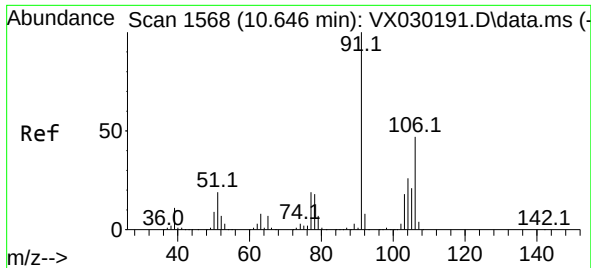
Tgt Ion:164	Resp:	765
Ion	Ratio	Lower Upper
164	100	
166	143.3	98.2 147.4
129	81.5	80.8 121.2
131	112.1	75.5 113.3



#68
m/p-Xylenes
Concen: 1.129 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX030236.D
Acq: 27 Jul 2022 17:02

Tgt Ion:106	Resp:	4904
Ion	Ratio	Lower Upper
106	100	
91	210.4	158.2 237.4

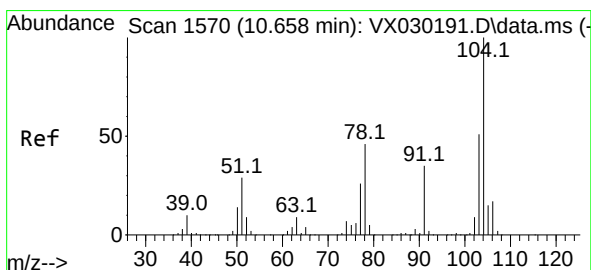
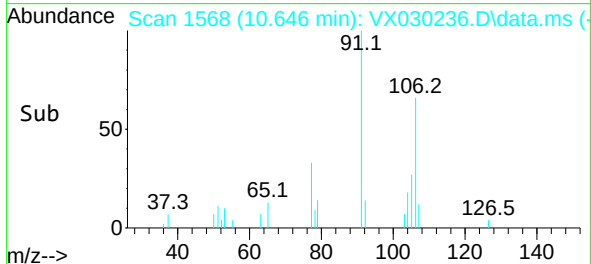
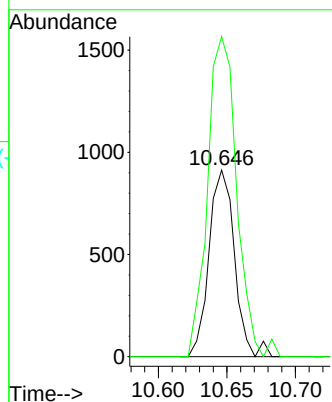
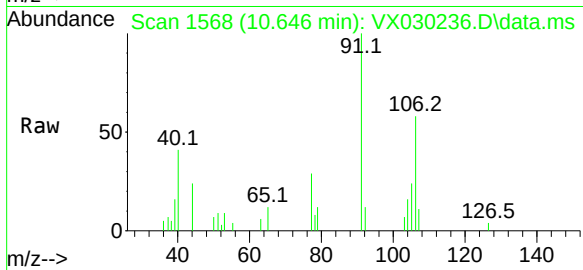




#69
o-Xylene
Concen: 0.277 ug/l
RT: 10.646 min Scan# 1185
Delta R.T. 0.000 min
Lab File: VX030236.D
Acq: 27 Jul 2022 17:02

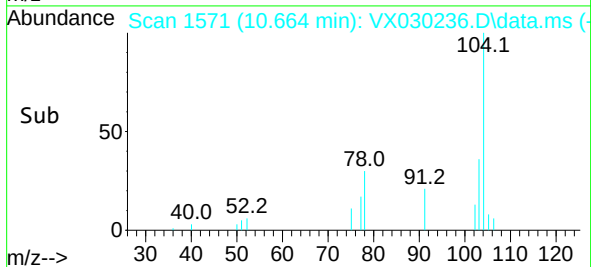
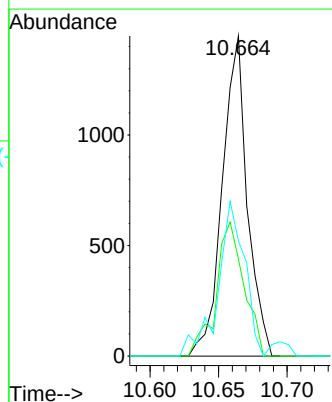
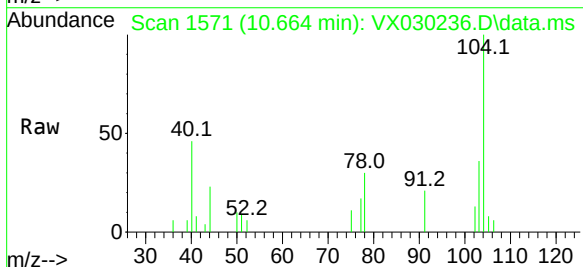
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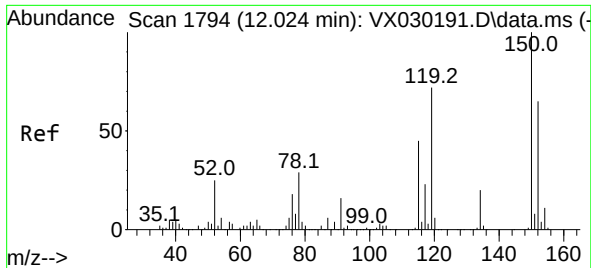
Tgt Ion:106 Resp: 1185
Ion Ratio Lower Upper
106 100
91 193.2 103.8 311.6



#70
Styrene
Concen: 0.261 ug/l
RT: 10.664 min Scan# 1571
Delta R.T. 0.006 min
Lab File: VX030236.D
Acq: 27 Jul 2022 17:02

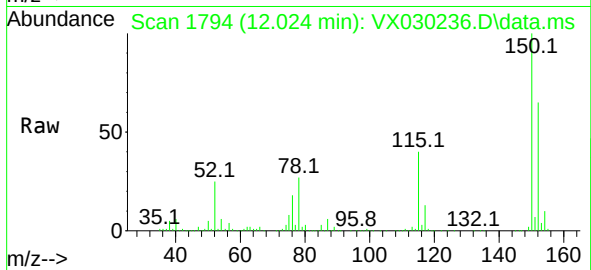
Tgt Ion:104 Resp: 1835
Ion Ratio Lower Upper
104 100
78 46.8 37.8 56.8
103 51.5 44.5 66.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX030236.D
 Acq: 27 Jul 2022 17:02

Instrument :
 MSVOA_X
 ClientSampleId :
 61422-A



Tgt Ion:152 Resp: 133911
 Ion Ratio Lower Upper
 152 100
 115 60.7 40.5 121.5
 150 156.4 0.0 347.0

