

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111623\
 Data File : VX038857.D
 Acq On : 16 Nov 2023 22:50
 Operator : JC/MD
 Sample : 05357-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT161S1-20231108

Quant Time: Nov 17 03:21:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X111623W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 16 22:59:22 2023
 Response via : Initial Calibration

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

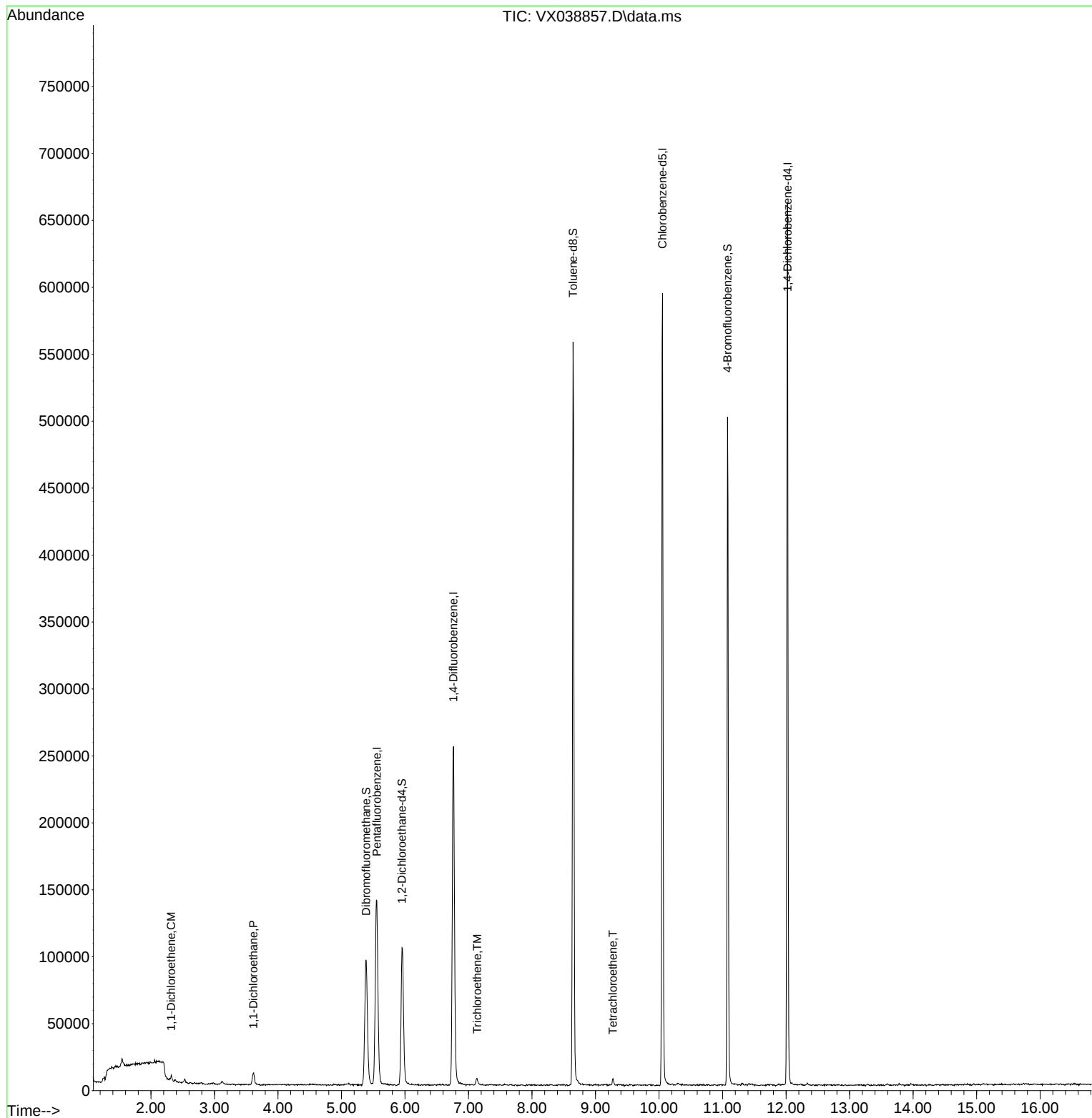
Internal Standards						
1) Pentafluorobenzene	5.556	168	129193	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	263552	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	272680	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	135373	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	96580	46.394	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.780%
35) Dibromofluoromethane	5.385	113	83555	43.897	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	87.800%
50) Toluene-d8	8.647	98	334953	45.993	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	91.980%#
62) 4-Bromofluorobenzene	11.079	95	144339	49.511	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.020%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.319	96	1366	0.848	ug/l #	76
24) 1,1-Dichloroethane	3.611	63	9773	2.955	ug/l	98
44) Trichloroethene	7.135	130	1925	0.980	ug/l	99
64) Tetrachloroethene	9.275	164	719	0.424	ug/l	89

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

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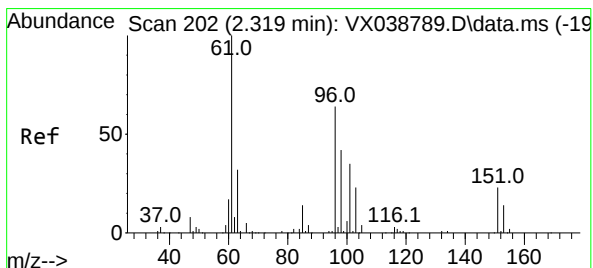
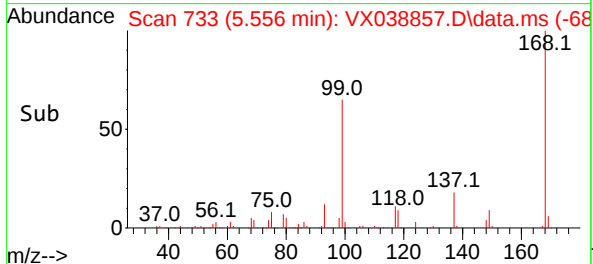
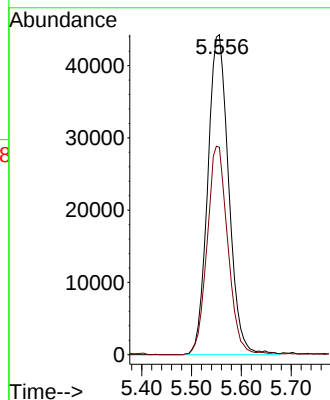
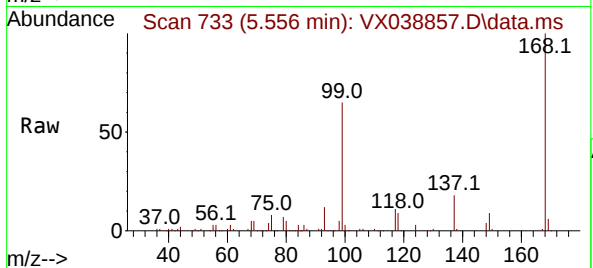




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX038857.D
Acq: 16 Nov 2023 22:50

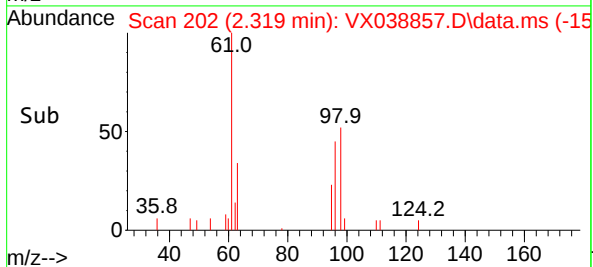
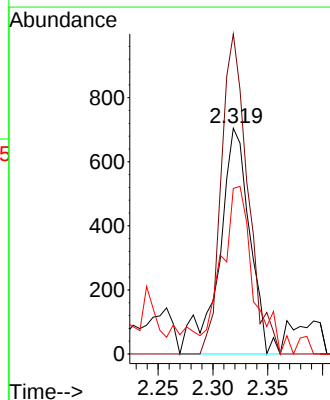
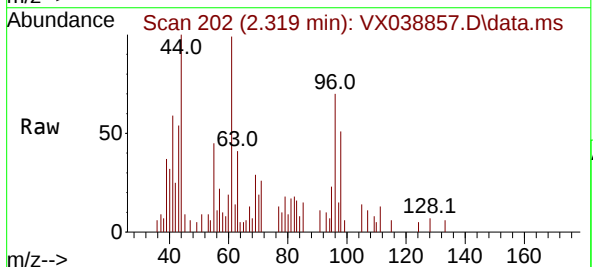
Instrument :
MSVOA_X
ClientSampleId :
TT161S1-20231108

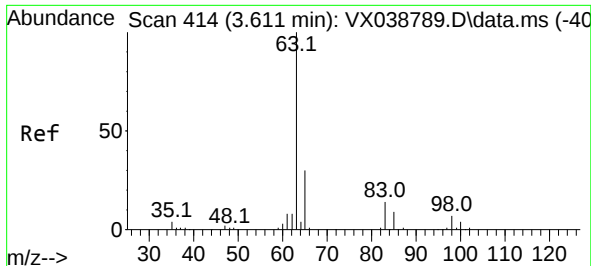
Tgt Ion:168 Resp: 129193
Ion Ratio Lower Upper
168 100
99 64.8 56.6 85.0



#12
1,1-Dichloroethene
Concen: 0.848 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.000 min
Lab File: VX038857.D
Acq: 16 Nov 2023 22:50

Tgt Ion: 96 Resp: 1366
Ion Ratio Lower Upper
96 100
61 141.7 144.6 216.8#
98 73.3 50.4 75.6

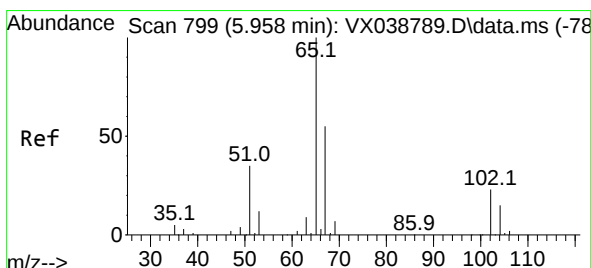
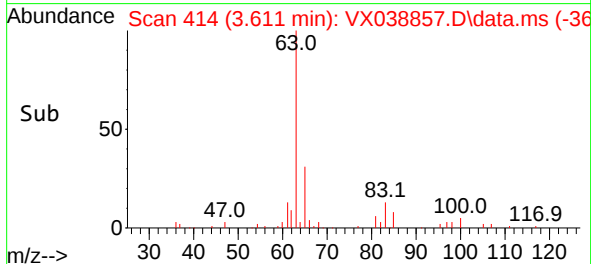
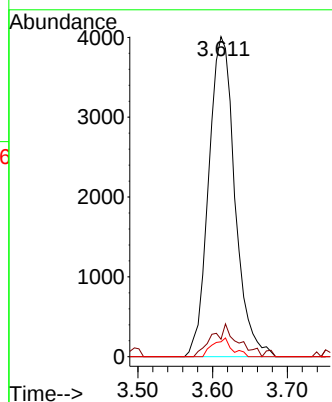
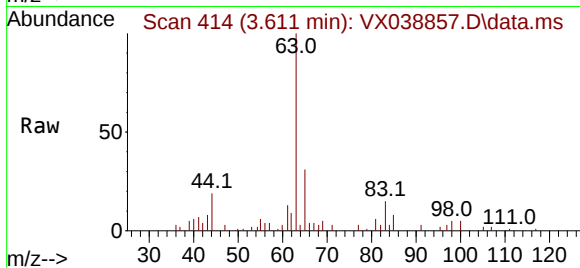




#24
 1,1-Dichloroethane
 Concen: 2.955 ug/l
 RT: 3.611 min Scan# 41
 Delta R.T. 0.000 min
 Lab File: VX038857.D
 Acq: 16 Nov 2023 22:50

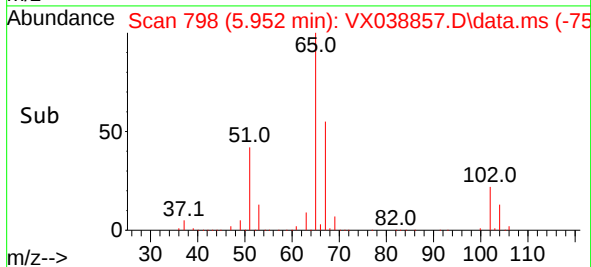
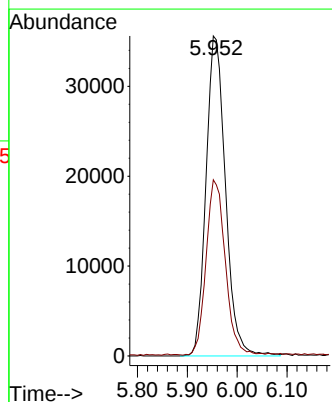
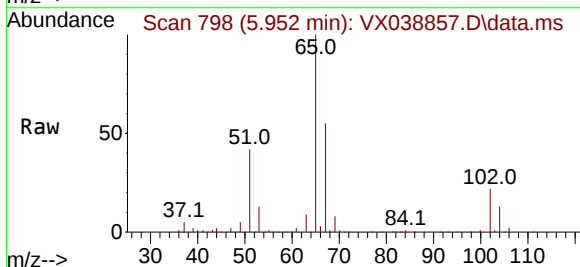
Instrument :
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 ClientSampleId :
 TT161S1-20231108

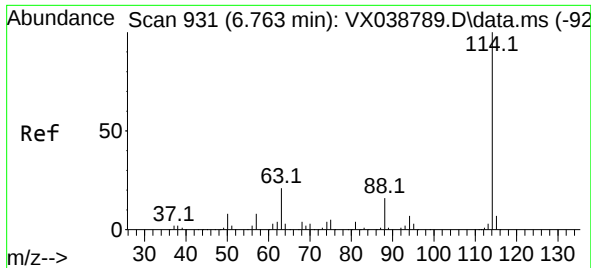
Tgt Ion:	63	Resp:	9773
Ion	Ratio	Lower	Upper
63	100		
98	5.4	3.3	9.8
100	4.6	2.1	6.5



#33
 1,2-Dichloroethane-d4
 Concen: 46.394 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. -0.006 min
 Lab File: VX038857.D
 Acq: 16 Nov 2023 22:50

Tgt Ion:	65	Resp:	96580
Ion	Ratio	Lower	Upper
65	100		
67	54.2	0.0	100.2

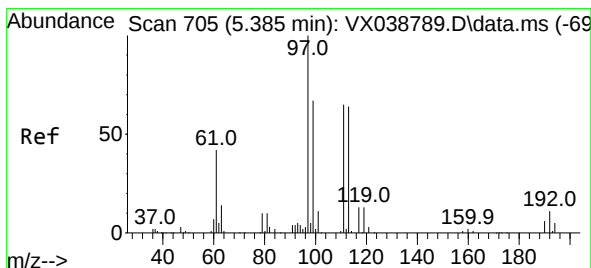
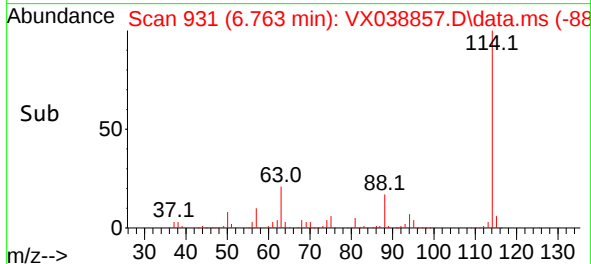
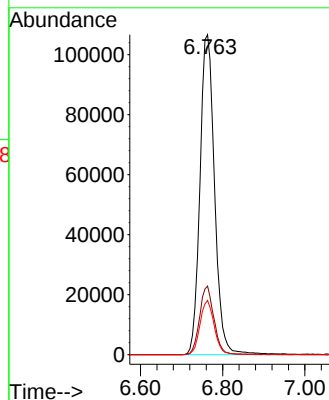
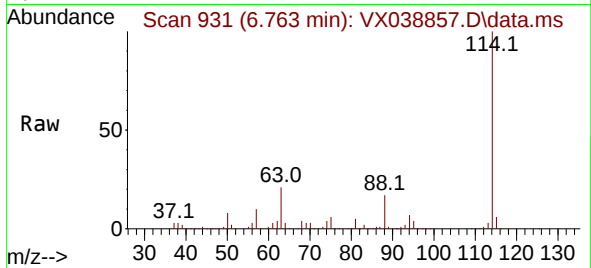




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX038857.D
Acq: 16 Nov 2023 22:50

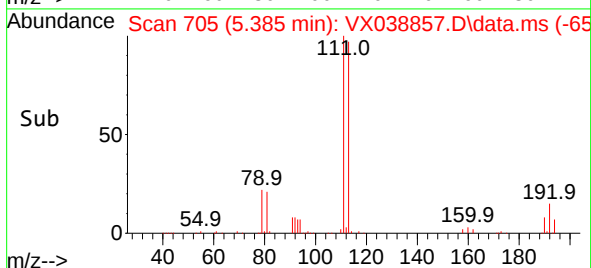
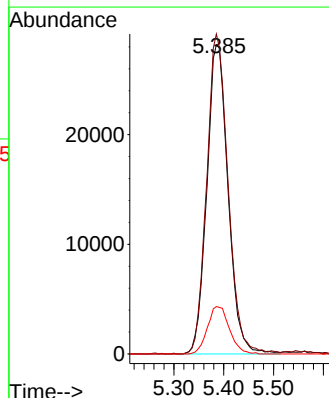
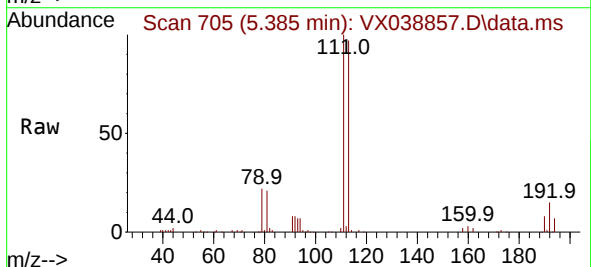
Instrument :
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ClientSampleId :
TT161S1-20231108

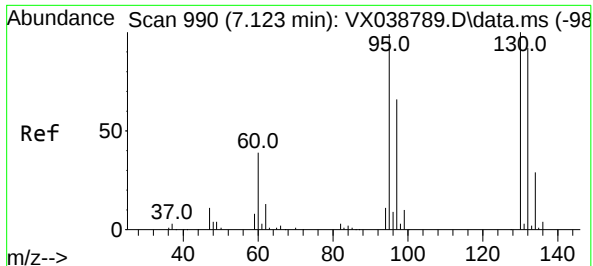
Tgt Ion:114 Resp: 263552
Ion Ratio Lower Upper
114 100
63 21.4 0.0 45.0
88 17.0 0.0 36.6



#35
Dibromofluoromethane
Concen: 43.897 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038857.D
Acq: 16 Nov 2023 22:50

Tgt Ion:113 Resp: 83555
Ion Ratio Lower Upper
113 100
111 103.9 82.9 124.3
192 15.8 13.3 19.9

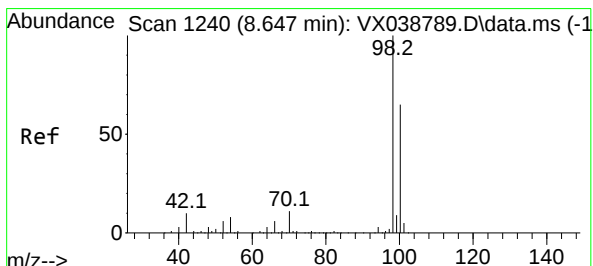
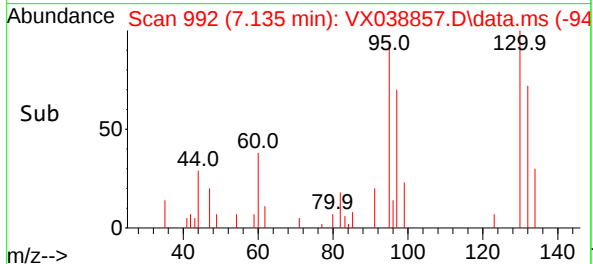
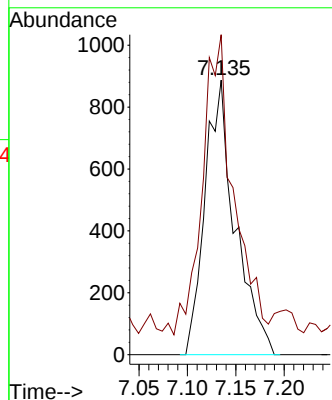
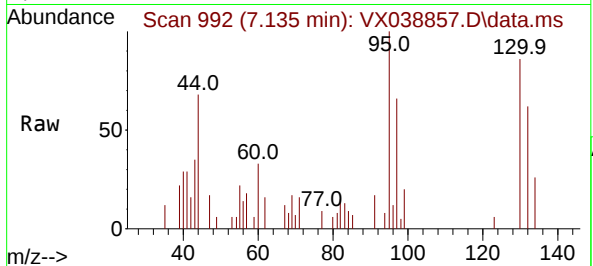




#44
Trichloroethene
Concen: 0.980 ug/l
RT: 7.135 min Scan# 990
Delta R.T. 0.012 min
Lab File: VX038857.D
Acq: 16 Nov 2023 22:50

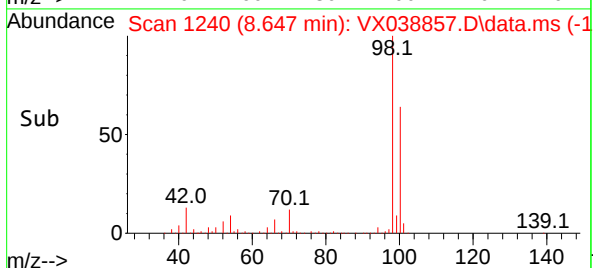
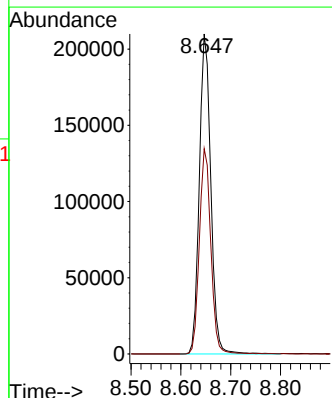
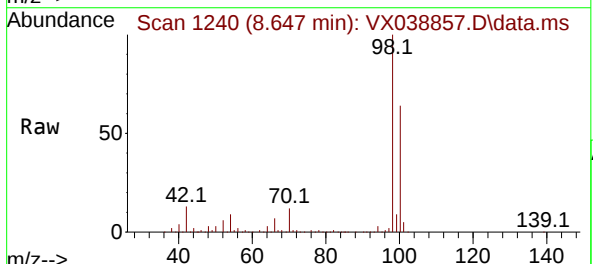
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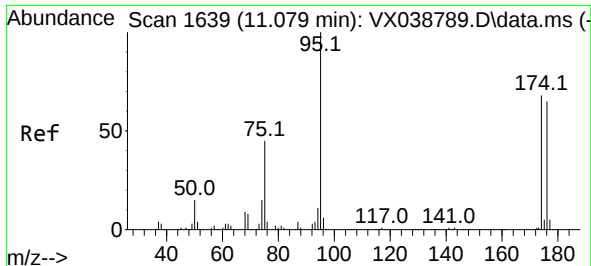
Tgt Ion:130 Resp: 1925
Ion Ratio Lower Upper
130 100
95 100.8 0.0 204.4



#50
Toluene-d8
Concen: 45.993 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX038857.D
Acq: 16 Nov 2023 22:50

Tgt Ion: 98 Resp: 334953
Ion Ratio Lower Upper
98 100
100 63.8 53.1 79.7

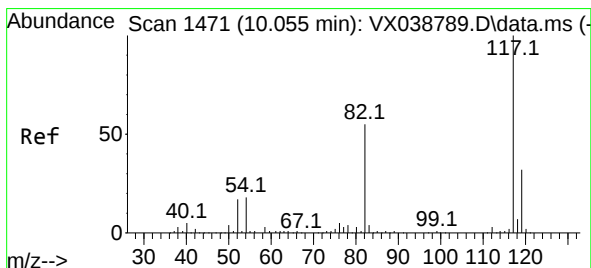
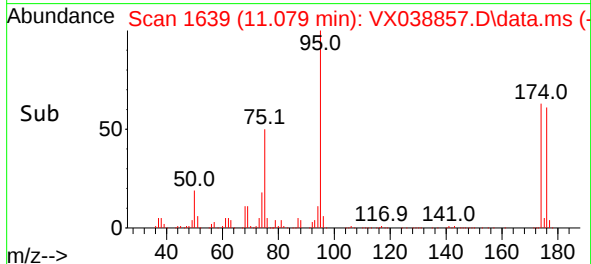
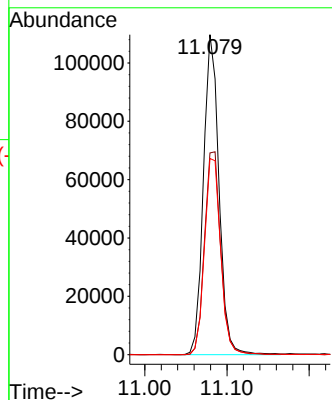
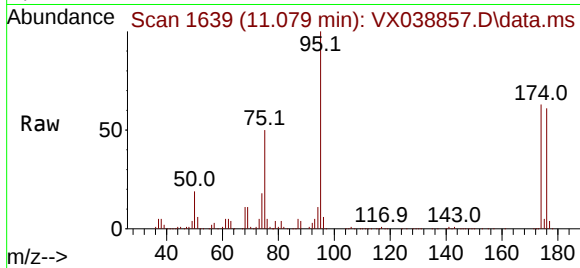




#62
4-Bromofluorobenzene
Concen: 49.511 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038857.D
Acq: 16 Nov 2023 22:50

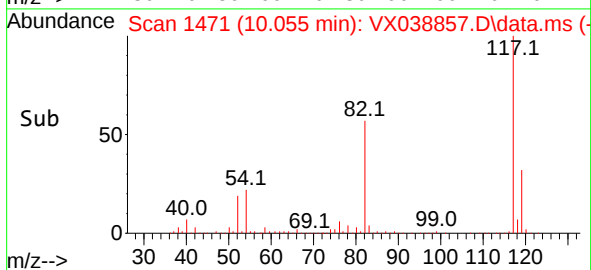
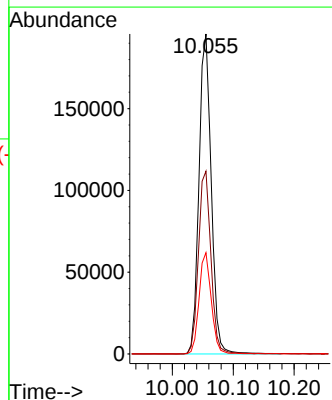
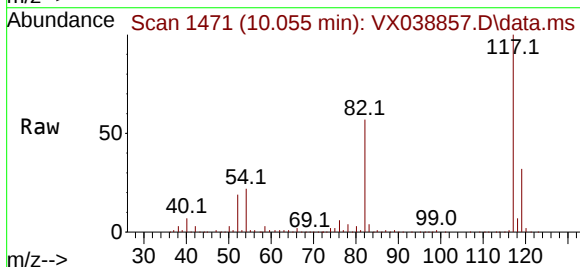
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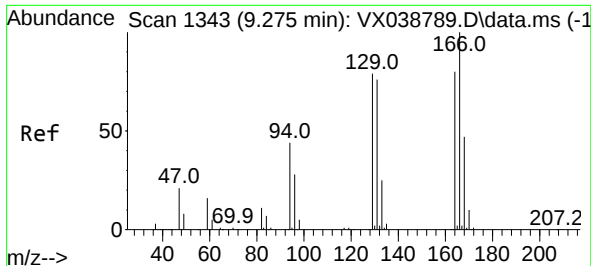
Tgt Ion: 95 Resp: 144339
Ion Ratio Lower Upper
95 100
174 66.1 0.0 135.6
176 64.0 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038857.D
Acq: 16 Nov 2023 22:50

Tgt Ion: 117 Resp: 272680
Ion Ratio Lower Upper
117 100
82 57.1 46.2 69.4
119 31.6 25.5 38.3



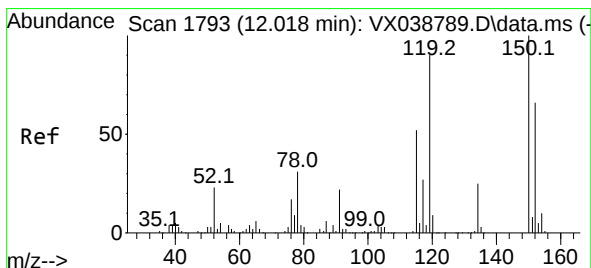
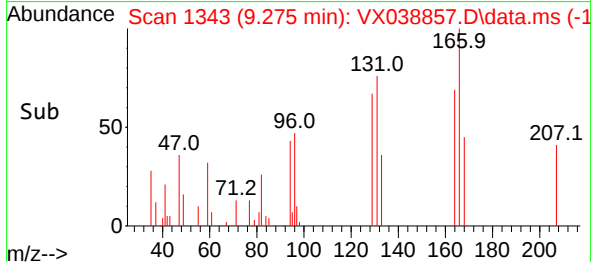
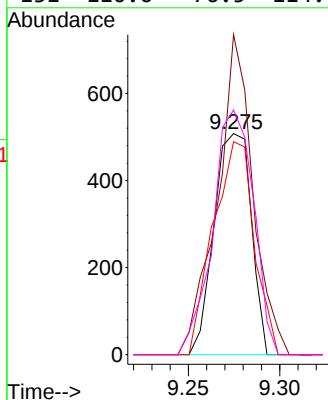
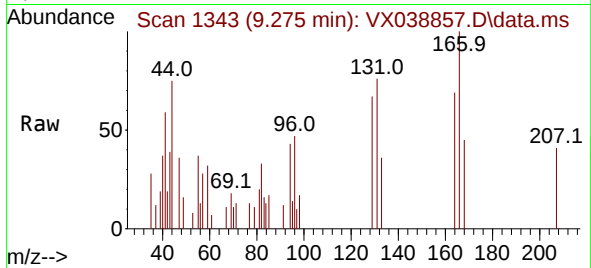


#64
 Tetrachloroethene
 Concen: 0.424 ug/l
 RT: 9.275 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX038857.D
 Acq: 16 Nov 2023 22:50

Instrument : MSVOA_X
 ClientSampleId : TT161S1-20231108

Tgt Ion:164 Resp: 719

Ion	Ratio	Lower	Upper
164	100		
166	144.7	102.7	154.1
129	96.3	80.4	120.6
131	110.6	76.5	114.7



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.006 min
 Lab File: VX038857.D
 Acq: 16 Nov 2023 22:50

Tgt Ion:152 Resp: 135373

Ion	Ratio	Lower	Upper
152	100		
115	65.4	43.3	129.9
150	157.6	0.0	345.0

