

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110823\
 Data File : VX038661.D
 Acq On : 08 Nov 2023 17:13
 Operator : JC/MD
 Sample : 05223-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FSND-B-3-20231031

Quant Time: Nov 09 01:21:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X110723W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 08 03:19:07 2023
 Response via : Initial Calibration

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

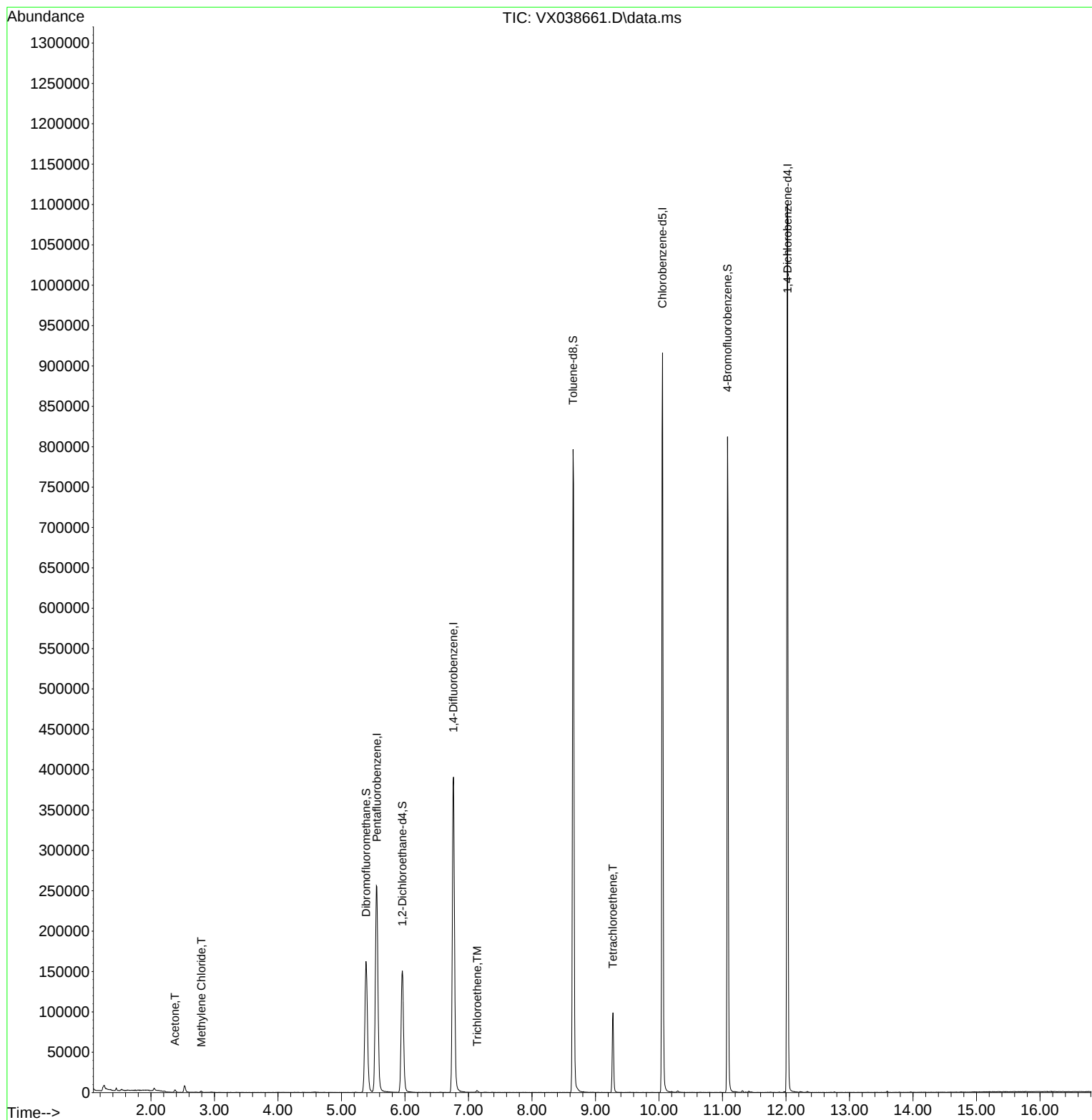
Internal Standards						
1) Pentafluorobenzene	5.556	168	264205	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	432553	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	447694	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	253291	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	153872	46.780	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	93.560%
35) Dibromofluoromethane	5.385	113	142956	45.887	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.780%
50) Toluene-d8	8.647	98	514797	46.178	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.360%
62) 4-Bromofluorobenzene	11.079	95	217737	50.376	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.760%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	3376	2.437	ug/l	91
20) Methylene Chloride	2.794	84	732	0.262	ug/l	# 79
44) Trichloroethene	7.135	130	960	0.277	ug/l	57
64) Tetrachloroethene	9.275	164	19513	5.823	ug/l	98

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

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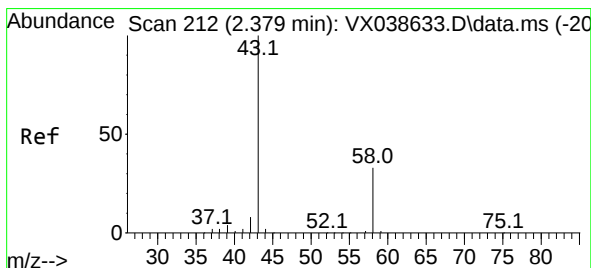
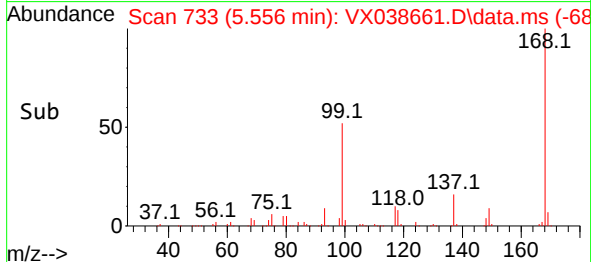
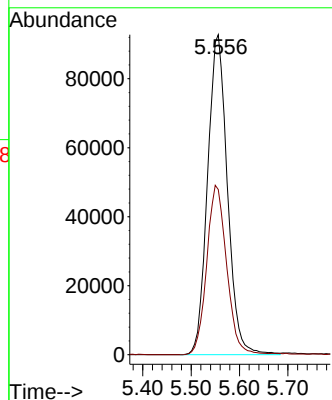
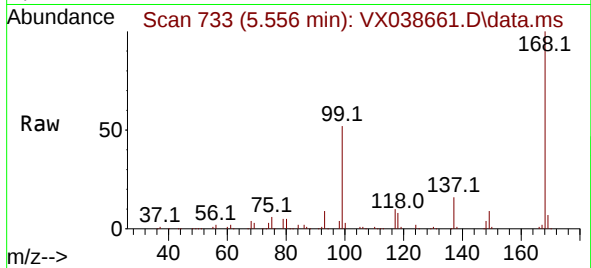




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX038661.D
Acq: 08 Nov 2023 17:13

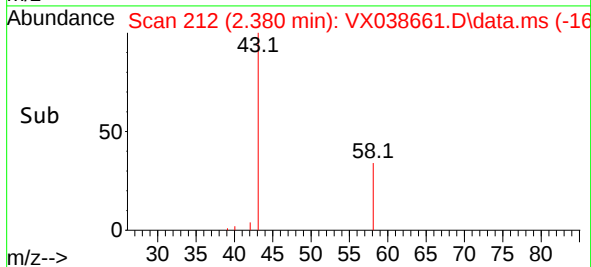
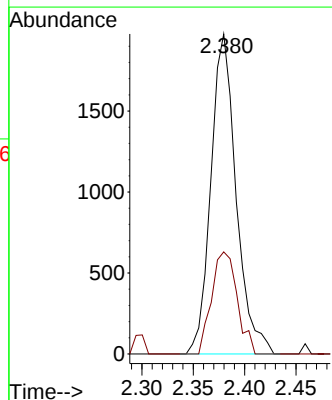
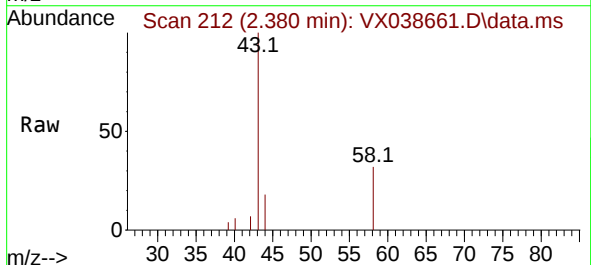
Instrument :
MSVOA_X
ClientSampleId :
FSND-B-3-20231031

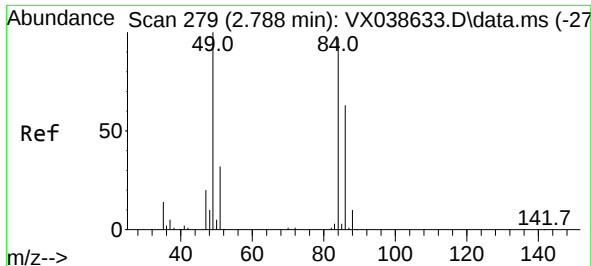
Tgt Ion:168 Resp: 264205
Ion Ratio Lower Upper
168 100
99 51.6 56.6 85.0#



#16
Acetone
Concen: 2.437 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX038661.D
Acq: 08 Nov 2023 17:13

Tgt Ion: 43 Resp: 3376
Ion Ratio Lower Upper
43 100
58 31.9 21.9 32.9

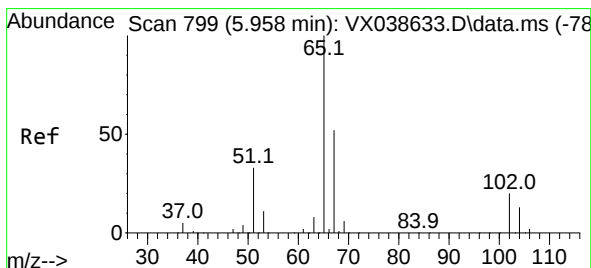
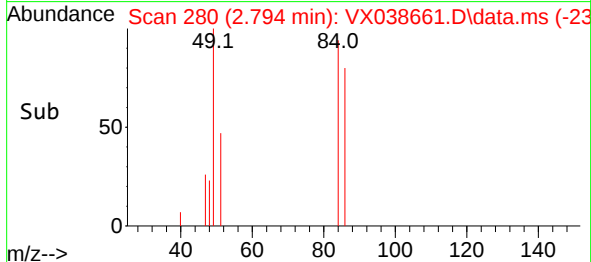
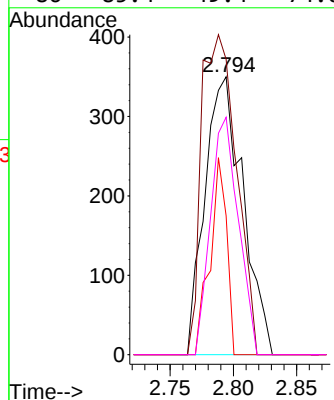
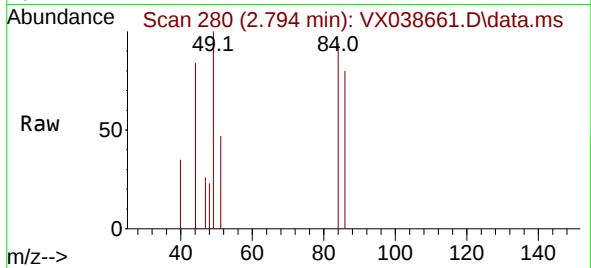




#20
Methylene Chloride
Concen: 0.262 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.007 min
Lab File: VX038661.D
Acq: 08 Nov 2023 17:13

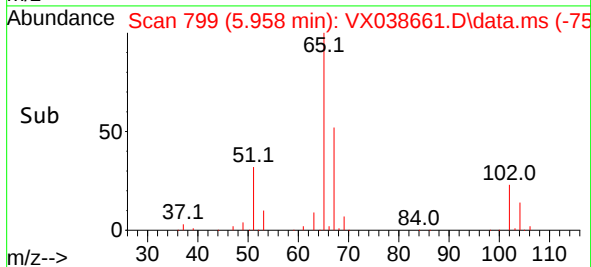
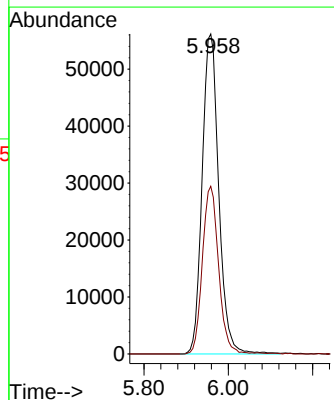
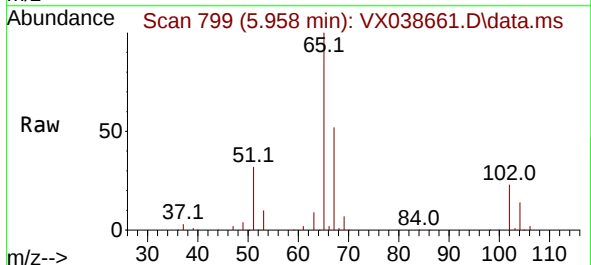
Instrument :
MSVOA_X
ClientSampleId :
FSND-B-3-20231031

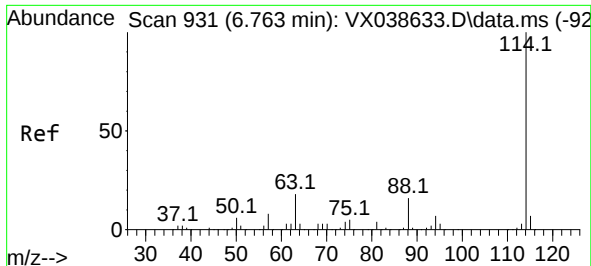
Tgt Ion:	84	Resp:	732
Ion	Ratio	Lower	Upper
84	100		
49	106.3	103.6	155.4
51	50.0	33.8	50.6
86	85.4	49.4	74.0



#33
1,2-Dichloroethane-d4
Concen: 46.780 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX038661.D
Acq: 08 Nov 2023 17:13

Tgt Ion:	65	Resp:	153872
Ion	Ratio	Lower	Upper
65	100		
67	51.0	0.0	100.2

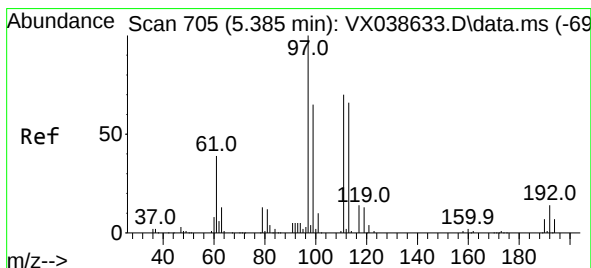
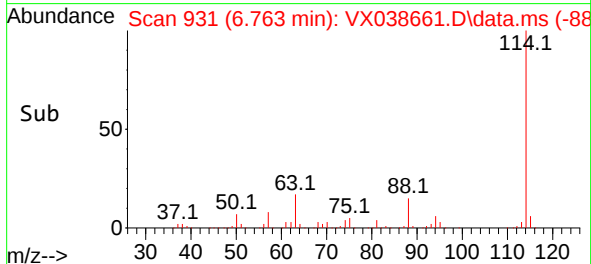
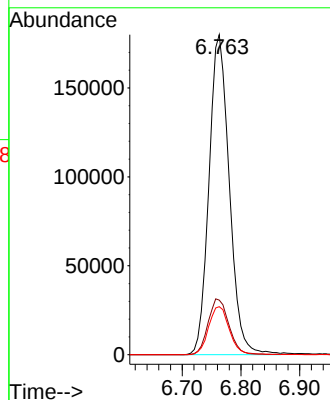
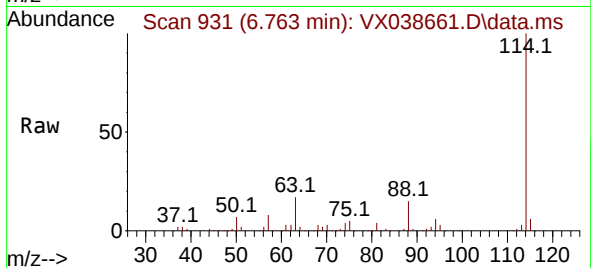




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX038661.D
Acq: 08 Nov 2023 17:13

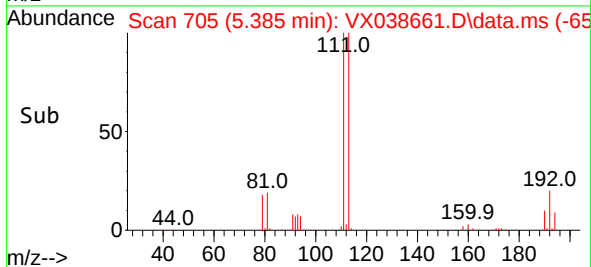
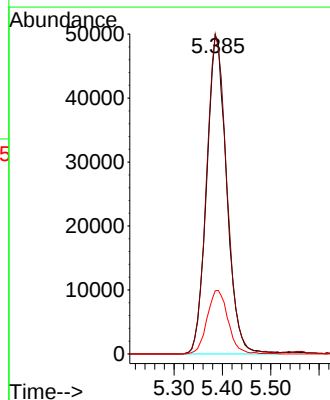
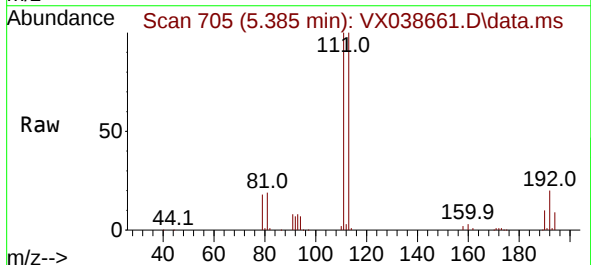
Instrument :
MSVOA_X
ClientSampleId :
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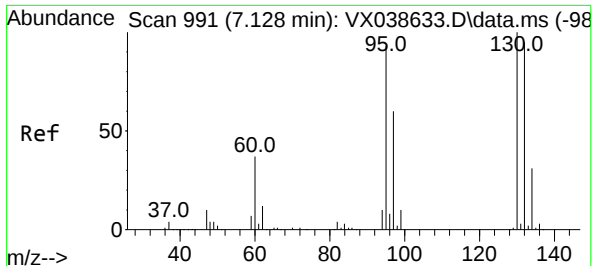
Tgt Ion:114 Resp: 432553
Ion Ratio Lower Upper
114 100
63 17.1 0.0 45.0
88 15.0 0.0 36.6



#35
Dibromofluoromethane
Concen: 45.887 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX038661.D
Acq: 08 Nov 2023 17:13

Tgt Ion:113 Resp: 142956
Ion Ratio Lower Upper
113 100
111 101.9 82.9 124.3
192 21.0 13.3 19.9#

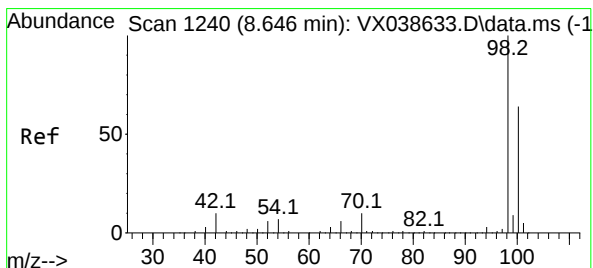
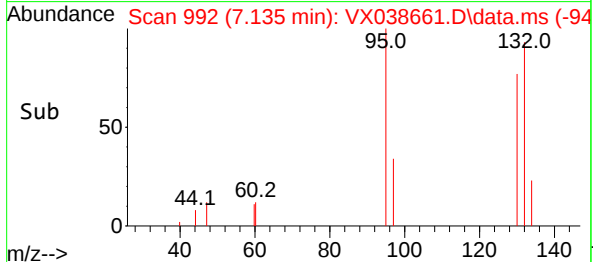
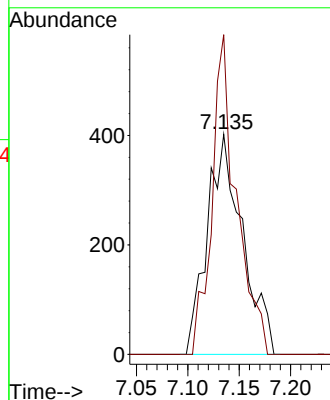
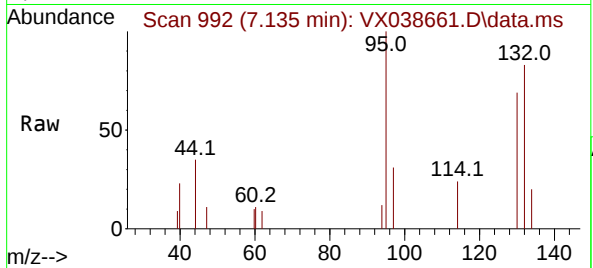




#44
Trichloroethene
Concen: 0.277 ug/l
RT: 7.135 min Scan# 991
Delta R.T. 0.007 min
Lab File: VX038661.D
Acq: 08 Nov 2023 17:13

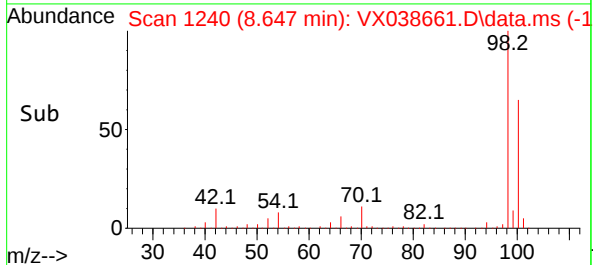
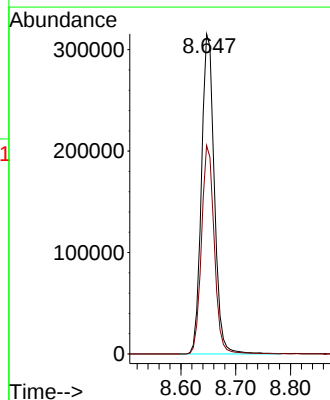
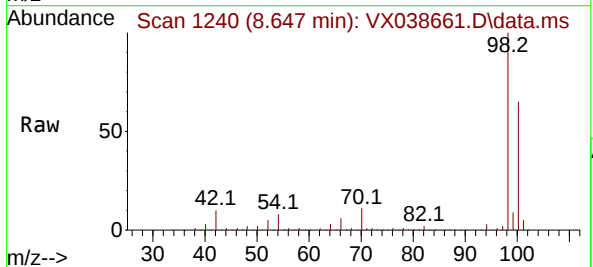
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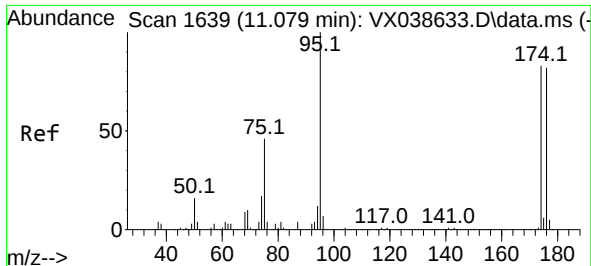
Tgt Ion:130 Resp: 960
Ion Ratio Lower Upper
130 100
95 145.3 0.0 204.4



#50
Toluene-d8
Concen: 46.178 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX038661.D
Acq: 08 Nov 2023 17:13

Tgt Ion: 98 Resp: 514797
Ion Ratio Lower Upper
98 100
100 64.8 53.1 79.7

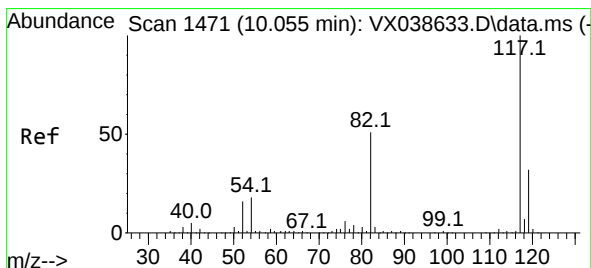
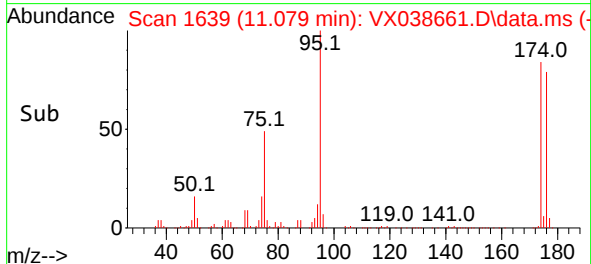
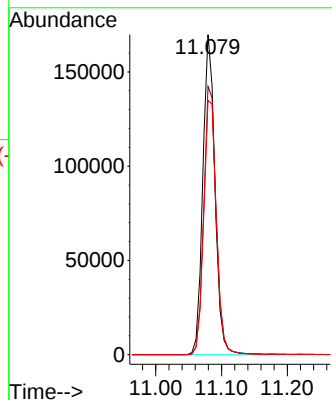
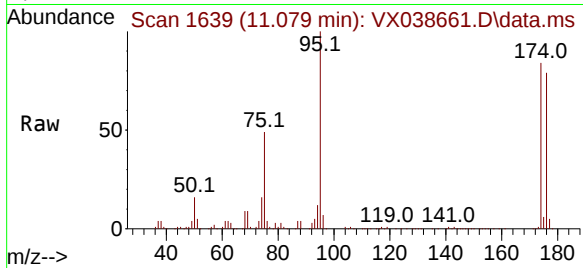




#62
4-Bromofluorobenzene
Concen: 50.376 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX038661.D
Acq: 08 Nov 2023 17:13

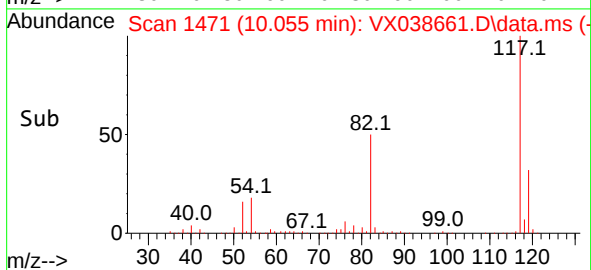
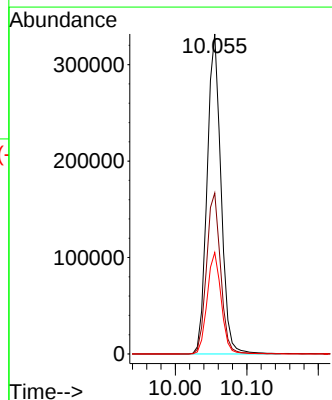
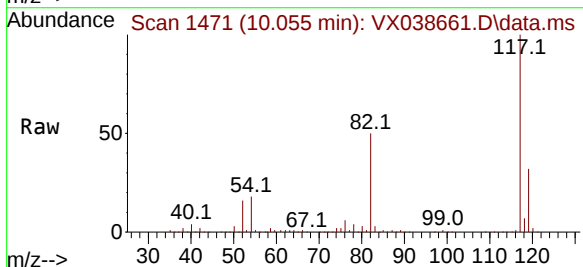
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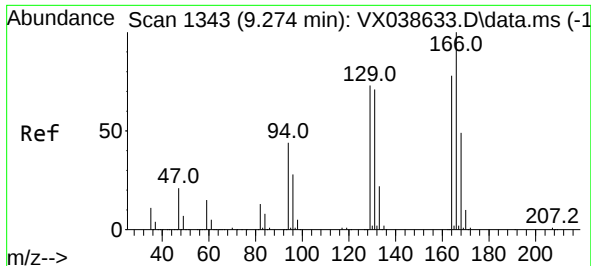
Tgt Ion: 95 Resp: 217737
Ion Ratio Lower Upper
95 100
174 86.3 0.0 135.6
176 83.1 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX038661.D
Acq: 08 Nov 2023 17:13

Tgt Ion: 117 Resp: 447694
Ion Ratio Lower Upper
117 100
82 50.3 46.2 69.4
119 31.7 25.5 38.3

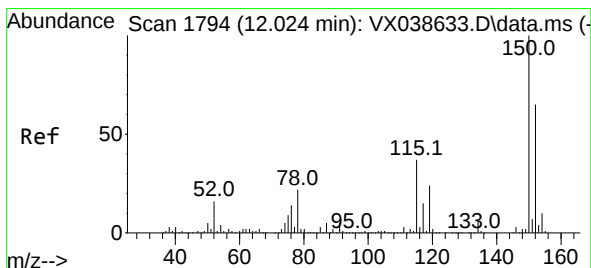
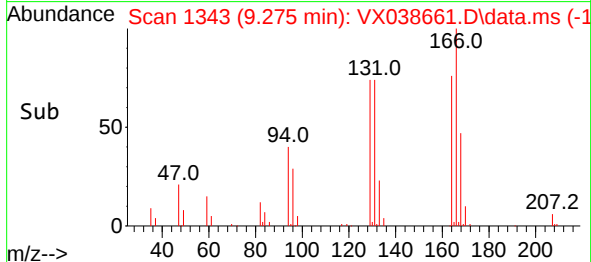
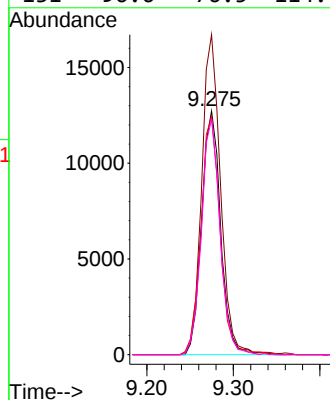
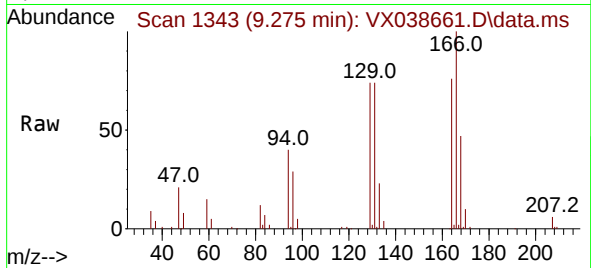




#64
Tetrachloroethene
Concen: 5.823 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX038661.D
Acq: 08 Nov 2023 17:13

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:164	Resp:	19513
Ion Ratio	Lower	Upper
164	100	
166	131.3	102.7 154.1
129	97.8	80.4 120.6
131	96.6	76.5 114.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX038661.D
Acq: 08 Nov 2023 17:13

Tgt Ion:152	Resp:	253291
Ion Ratio	Lower	Upper
152	100	
115	58.1	43.3 129.9
150	156.3	0.0 345.0

