

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX081823\
 Data File : VX037112.D
 Acq On : 19 Aug 2023 06:24
 Operator : JC/MD
 Sample : 04025-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW179D2-20230814

Quant Time: Aug 21 01:42:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

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

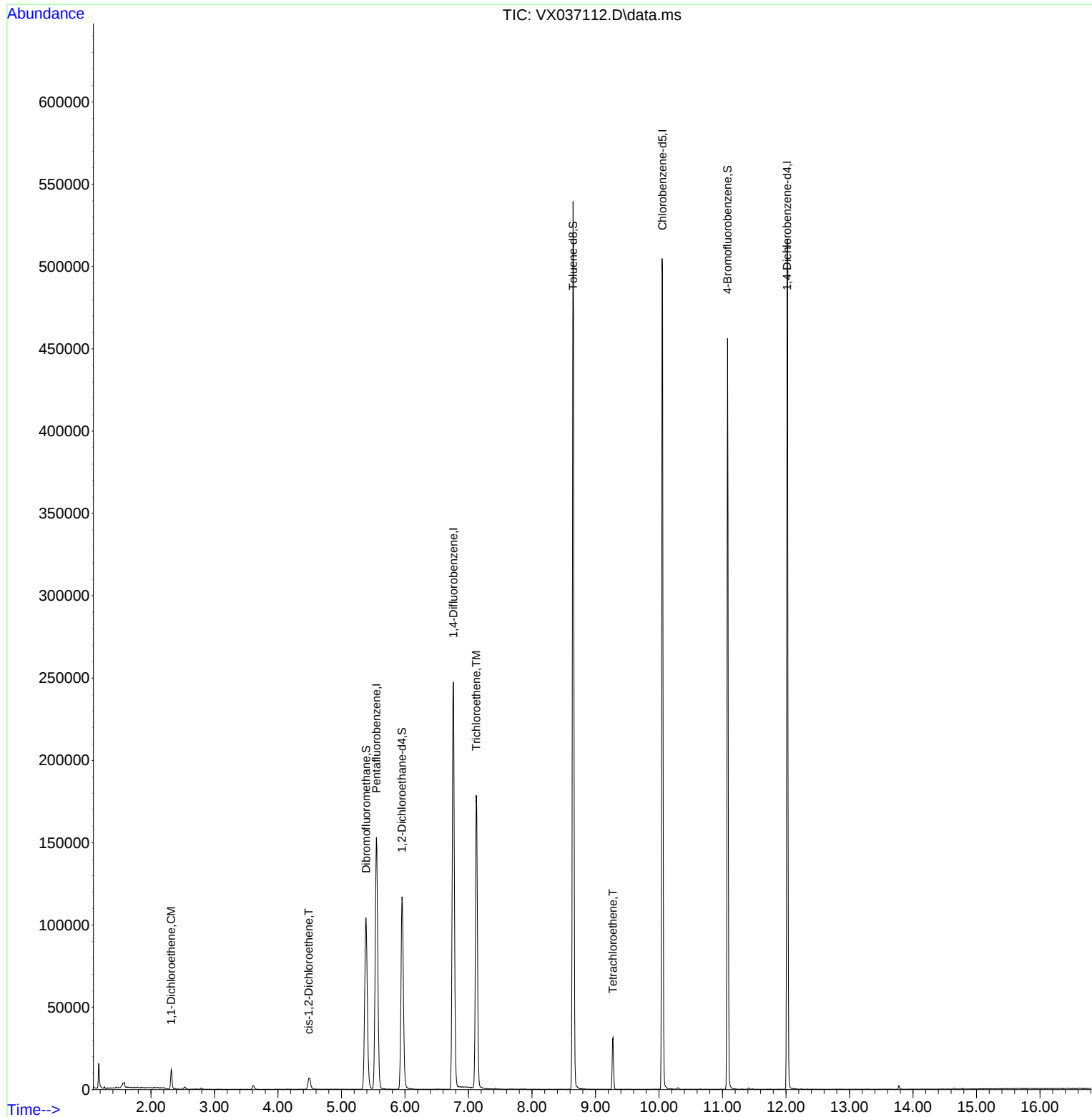
Internal Standards						
1) Pentafluorobenzene	5.550	168	140820	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	262507	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	236010	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	103152	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	117298	57.777	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	115.560%
35) Dibromofluoromethane	5.385	113	90278	51.928	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.860%
50) Toluene-d8	8.647	98	321055	50.910	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.820%
62) 4-Bromofluorobenzene	11.079	95	120769	48.731	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.460%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.319	96	4094	2.824	ug/l	85
27) cis-1,2-Dichloroethene	4.483	96	5088	2.619	ug/l	80
44) Trichloroethene	7.123	130	69500	34.600	ug/l	100
64) Tetrachloroethene	9.275	164	5848	3.397	ug/l	95

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

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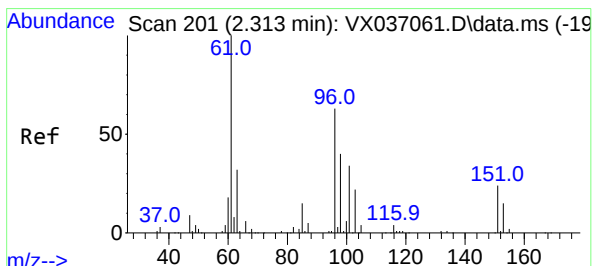
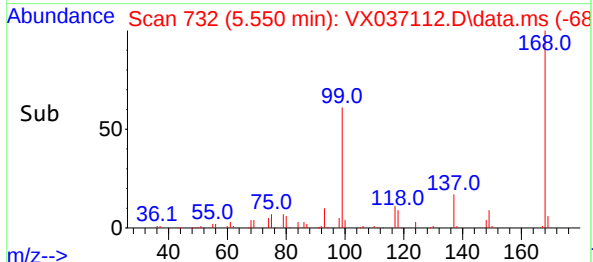
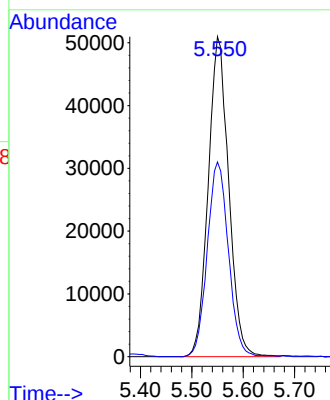
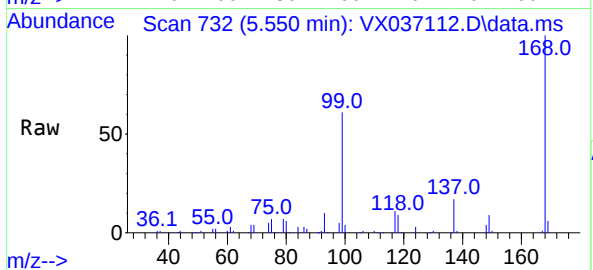




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.000 min
Lab File: VX037112.D
Acq: 19 Aug 2023 06:24

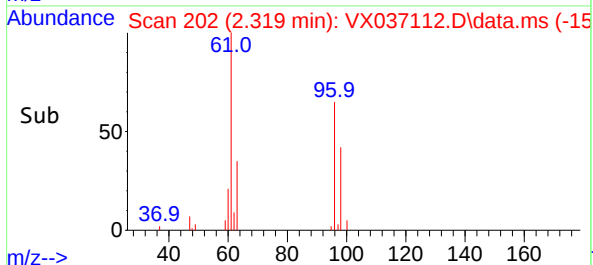
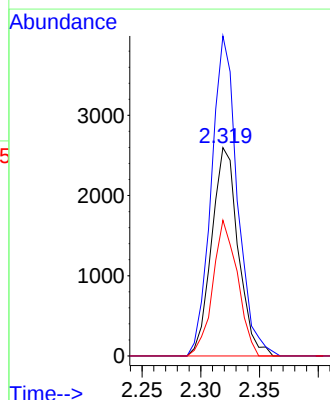
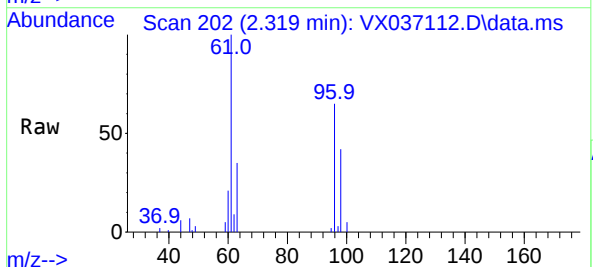
Instrument :
MSVOA_X
ClientSampleId :
MW179D2-20230814

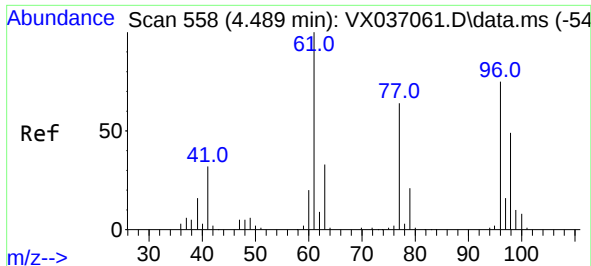
Tgt Ion:168 Resp: 140820
Ion Ratio Lower Upper
168 100
99 60.8 56.6 85.0



#12
1,1-Dichloroethene
Concen: 2.824 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.006 min
Lab File: VX037112.D
Acq: 19 Aug 2023 06:24

Tgt Ion: 96 Resp: 4094
Ion Ratio Lower Upper
96 100
61 153.6 144.6 216.8
98 65.1 50.4 75.6





#27

cis-1,2-Dichloroethene

Concen: 2.619 ug/l

RT: 4.483 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX037112.D

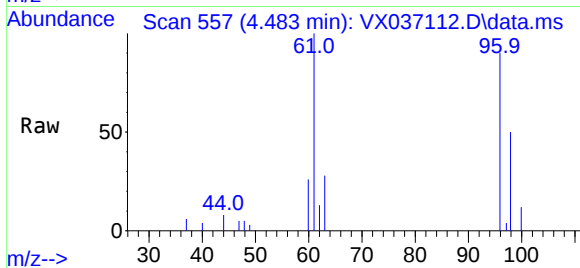
Acq: 19 Aug 2023 06:24

Instrument :

MSVOA_X

ClientSampleId :

MW179D2-20230814



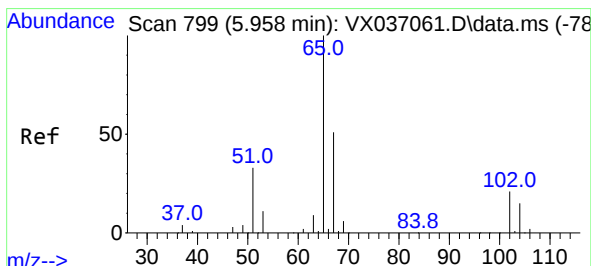
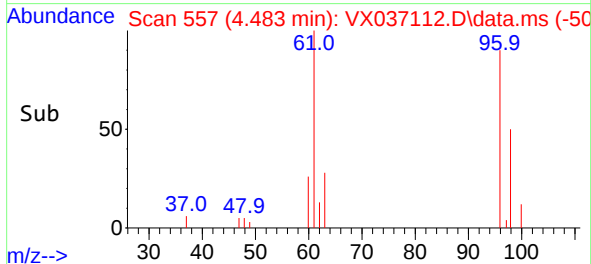
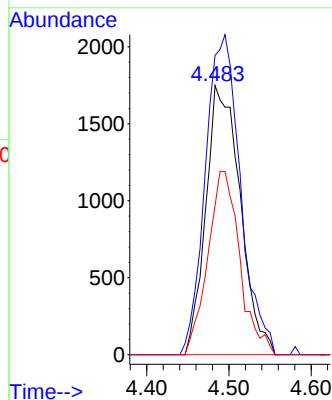
Tgt Ion: 96 Resp: 5088

Ion Ratio Lower Upper

96 100

61 121.0 0.0 312.2

98 63.4 0.0 129.0



#33

1,2-Dichloroethane-d4

Concen: 57.777 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX037112.D

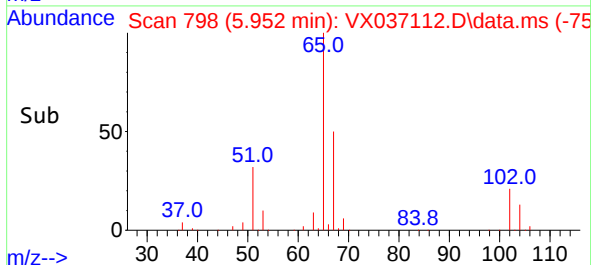
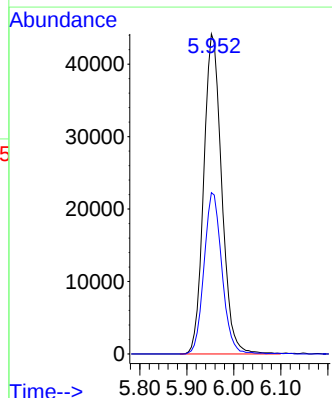
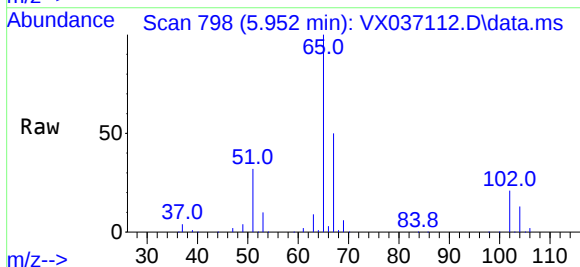
Acq: 19 Aug 2023 06:24

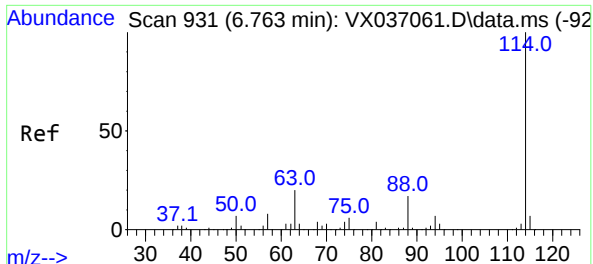
Tgt Ion: 65 Resp: 117298

Ion Ratio Lower Upper

65 100

67 50.1 0.0 100.2

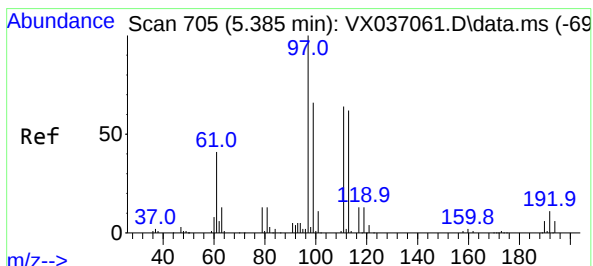
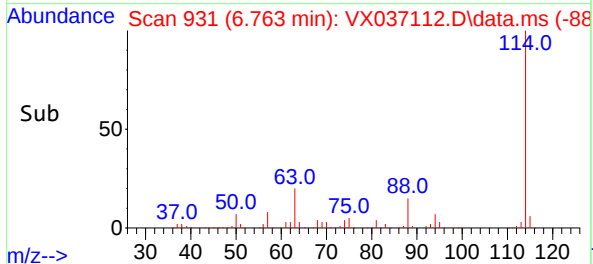
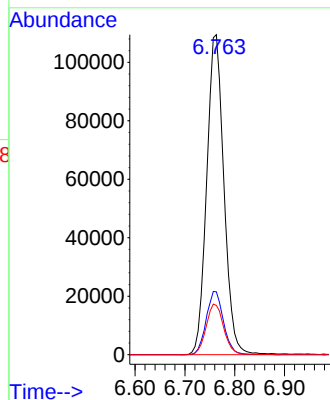
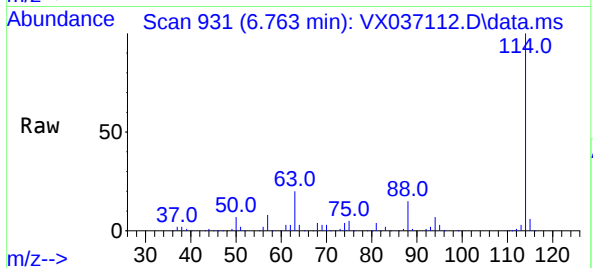




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX037112.D
Acq: 19 Aug 2023 06:24

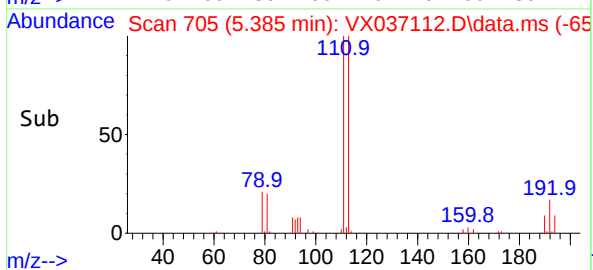
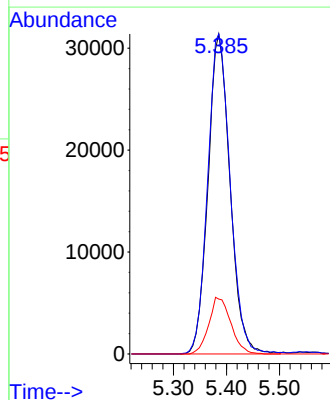
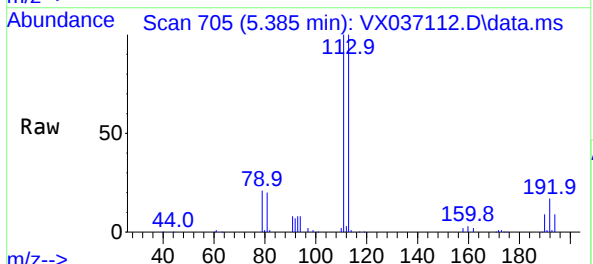
Instrument :
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ClientSampleId :
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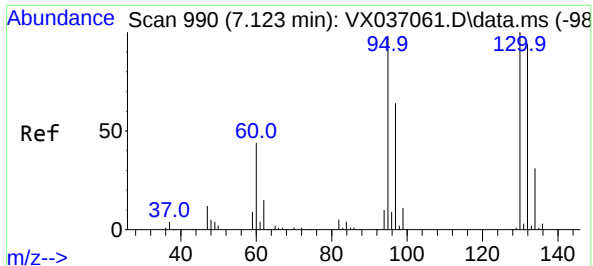
Tgt Ion:114 Resp: 262507
Ion Ratio Lower Upper
114 100
63 19.6 0.0 45.0
88 15.4 0.0 36.6



#35
Dibromofluoromethane
Concen: 51.928 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX037112.D
Acq: 19 Aug 2023 06:24

Tgt Ion:113 Resp: 90278
Ion Ratio Lower Upper
113 100
111 102.3 82.9 124.3
192 17.7 13.3 19.9

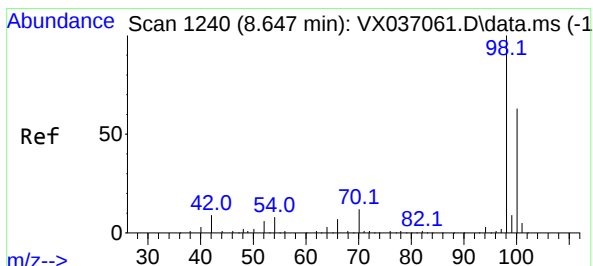
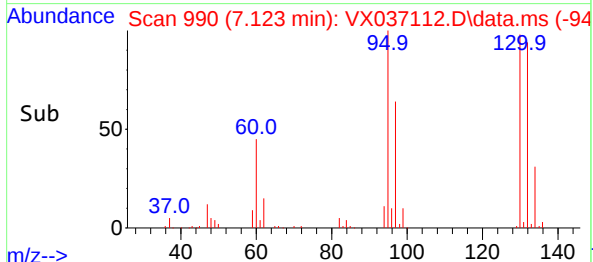
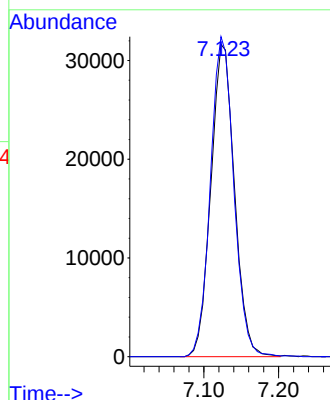
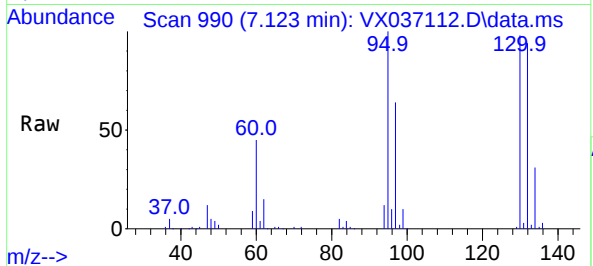




#44
Trichloroethene
Concen: 34.600 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.000 min
Lab File: VX037112.D
Acq: 19 Aug 2023 06:24

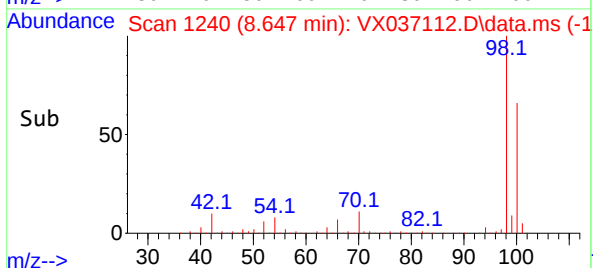
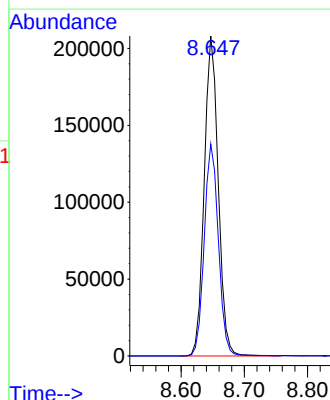
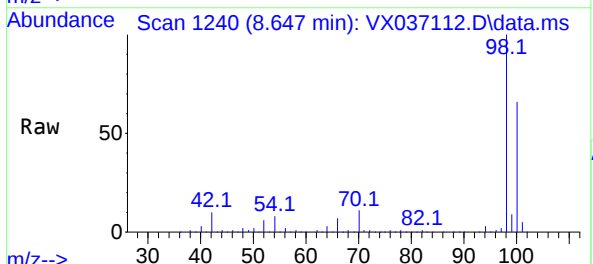
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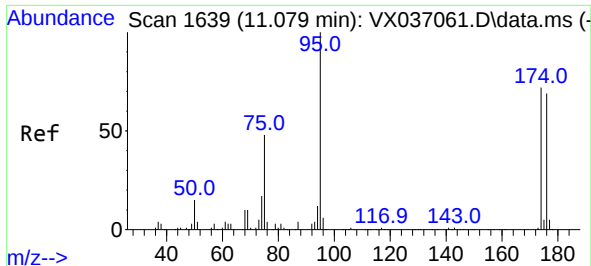
Tgt Ion:130 Resp: 69500
Ion Ratio Lower Upper
130 100
95 102.5 0.0 204.4



#50
Toluene-d8
Concen: 50.910 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX037112.D
Acq: 19 Aug 2023 06:24

Tgt Ion: 98 Resp: 321055
Ion Ratio Lower Upper
98 100
100 66.9 53.1 79.7

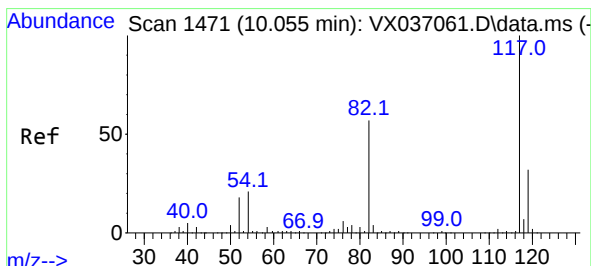
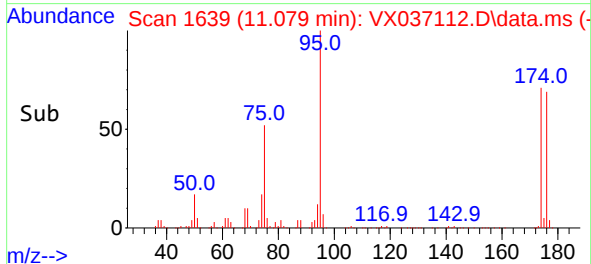
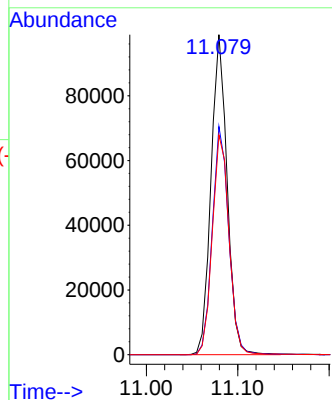
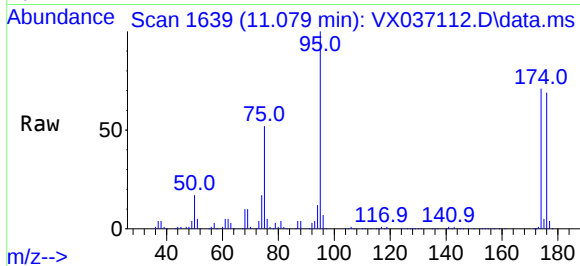




#62
4-Bromofluorobenzene
Concen: 48.731 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX037112.D
Acq: 19 Aug 2023 06:24

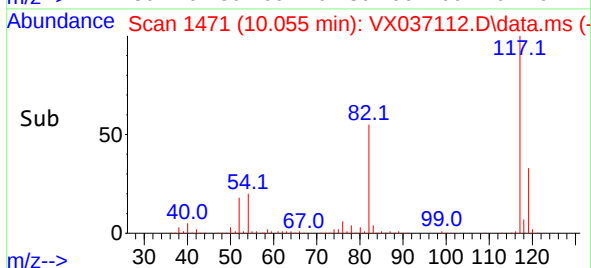
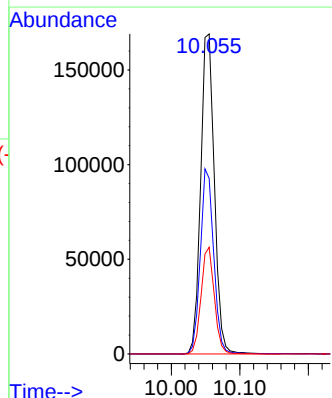
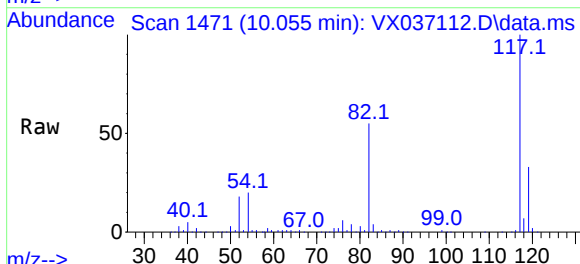
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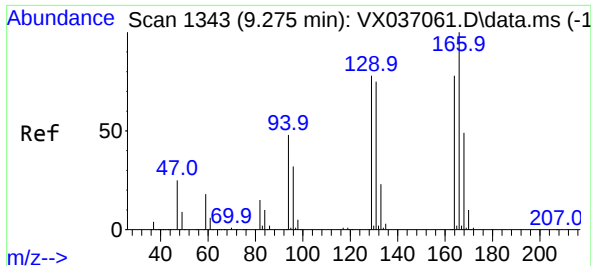
Tgt Ion: 95 Resp: 120769
Ion Ratio Lower Upper
95 100
174 72.9 0.0 135.6
176 71.4 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX037112.D
Acq: 19 Aug 2023 06:24

Tgt Ion: 117 Resp: 236010
Ion Ratio Lower Upper
117 100
82 54.8 46.2 69.4
119 33.3 25.5 38.3



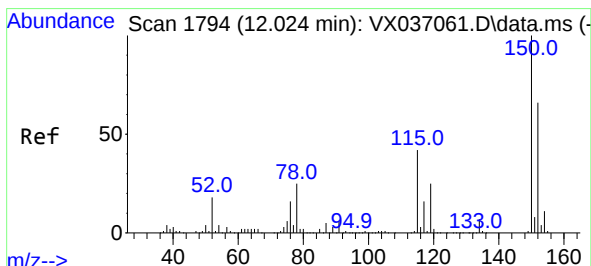
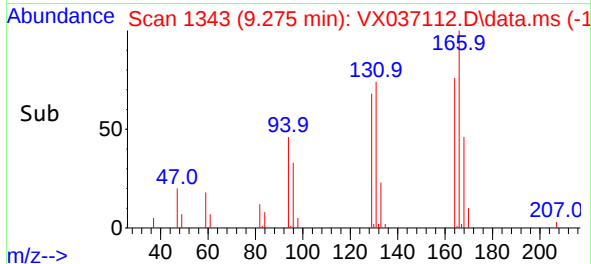
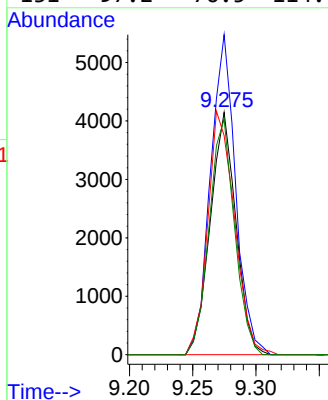
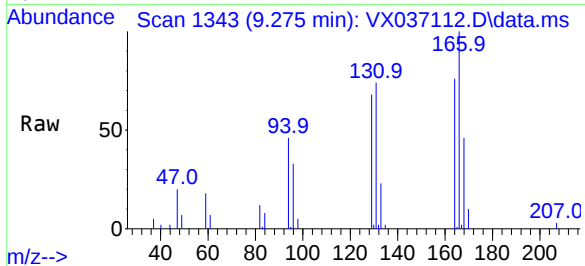


#64
Tetrachloroethene
Concen: 3.397 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX037112.D
Acq: 19 Aug 2023 06:24

Instrument :
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Tgt Ion:164 Resp: 5848

Ion	Ratio	Lower	Upper
164	100		
166	132.1	102.7	154.1
129	90.4	80.4	120.6
131	97.2	76.5	114.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX037112.D
Acq: 19 Aug 2023 06:24

Tgt Ion:152 Resp: 103152

Ion	Ratio	Lower	Upper
152	100		
115	63.8	43.3	129.9
150	159.3	0.0	345.0

