

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082523\
 Data File : VX037279.D
 Acq On : 25 Aug 2023 18:22
 Operator : JC/MD
 Sample : 04095-17
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT17411-20230818

Quant Time: Aug 26 02:24:56 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)

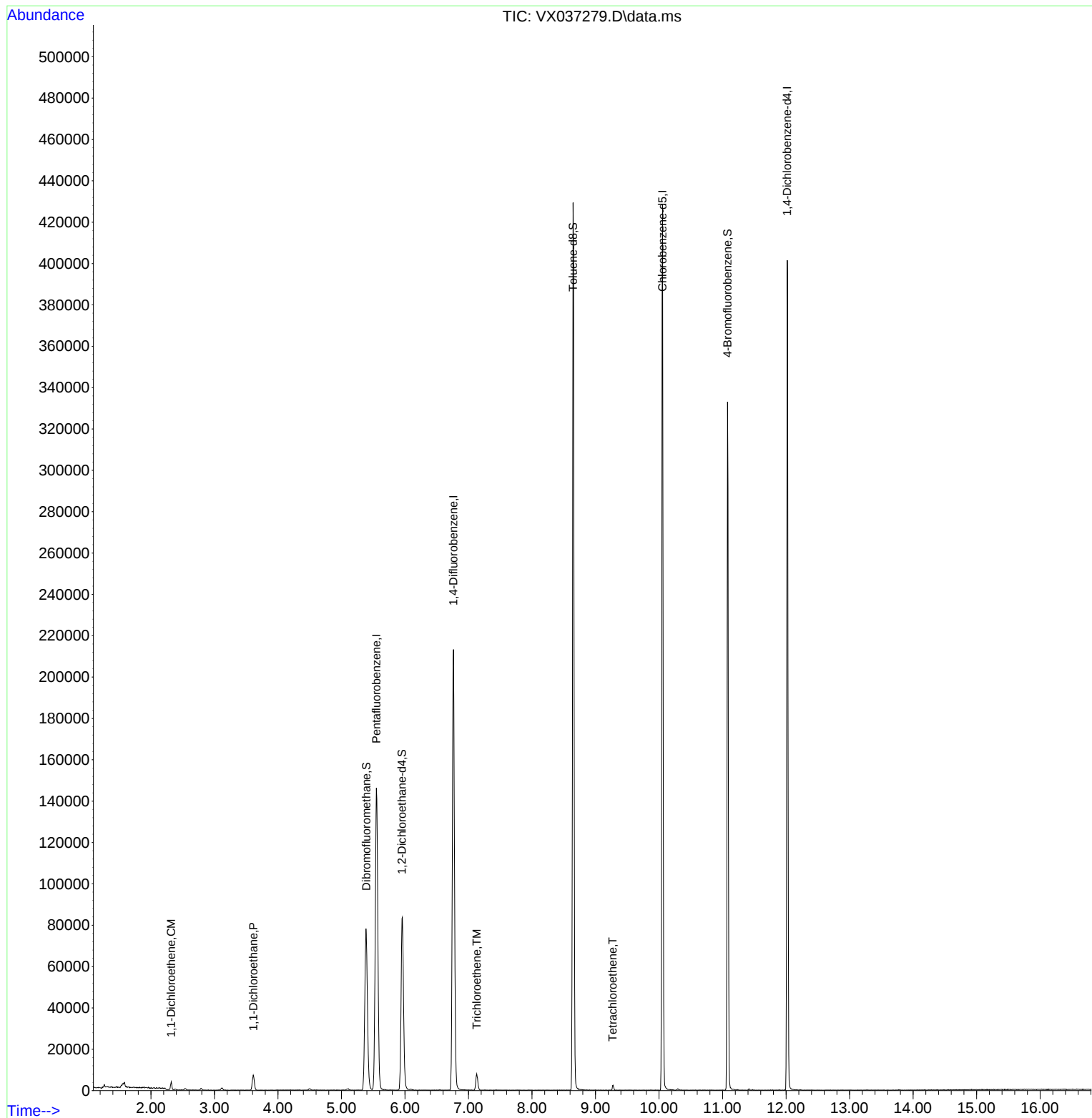
Internal Standards						
1) Pentafluorobenzene	5.550	168	135715	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	222278	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	198193	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	85858	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	84556	43.216	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	86.440%
35) Dibromofluoromethane	5.391	113	68662	46.642	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.280%
50) Toluene-d8	8.647	98	260728	48.827	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.660%
62) 4-Bromofluorobenzene	11.079	95	92477	44.068	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.140%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.319	96	1275	0.913	ug/l	86
24) 1,1-Dichloroethane	3.611	63	8364	3.006	ug/l	97
44) Trichloroethene	7.129	130	3465	2.037	ug/l	96
64) Tetrachloroethene	9.269	164	506	0.350	ug/l	82

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

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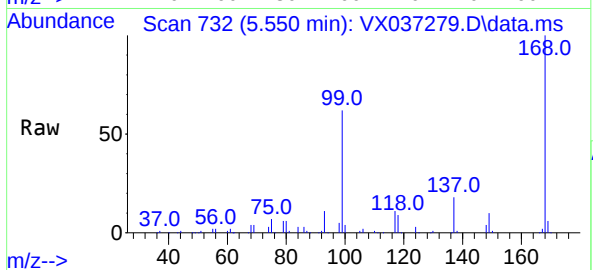
Quant Time: Aug 26 02:24:56 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
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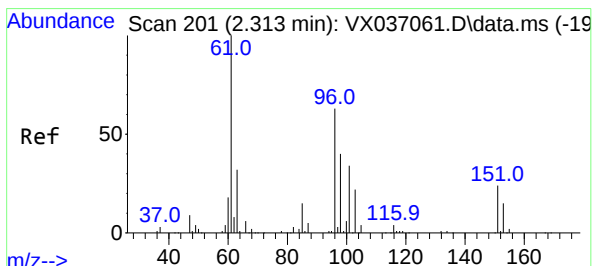
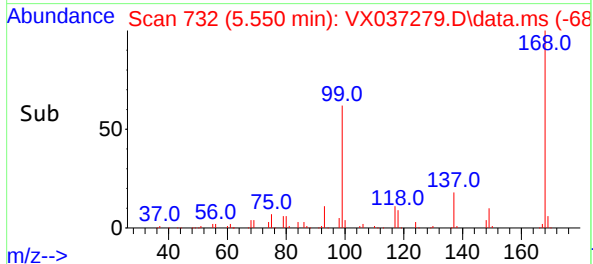
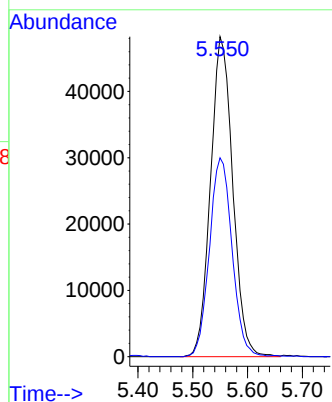


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX037279.D
Acq: 25 Aug 2023 18:22

Instrument :
MSVOA_X
ClientSampleId :
TT17411-20230818

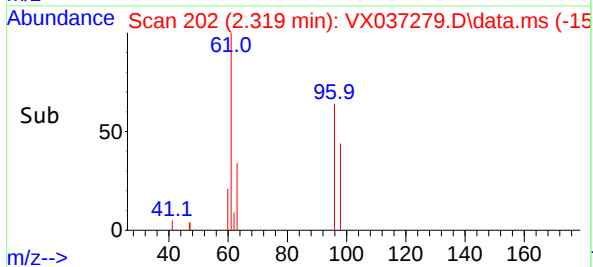
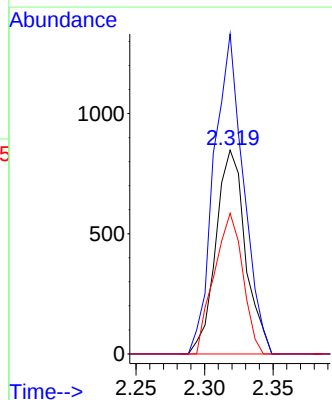
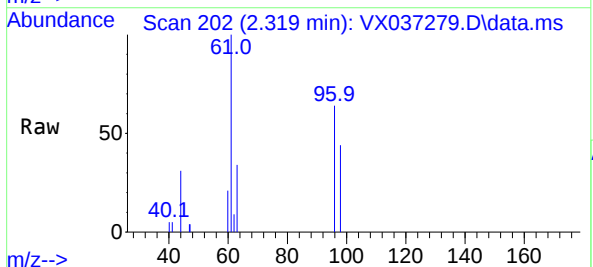


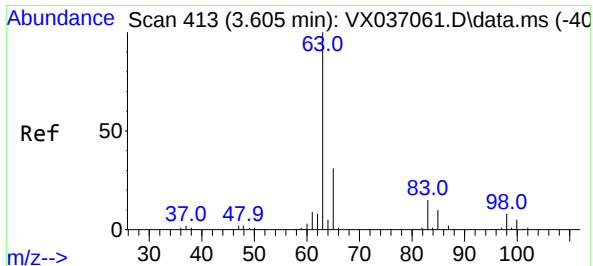
Tgt Ion:168 Resp: 135715
Ion Ratio Lower Upper
168 100
99 62.2 56.6 85.0



#12
1,1-Dichloroethene
Concen: 0.913 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.006 min
Lab File: VX037279.D
Acq: 25 Aug 2023 18:22

Tgt Ion: 96 Resp: 1275
Ion Ratio Lower Upper
96 100
61 157.0 144.6 216.8
98 69.0 50.4 75.6

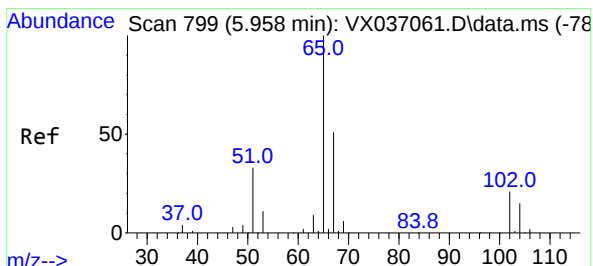
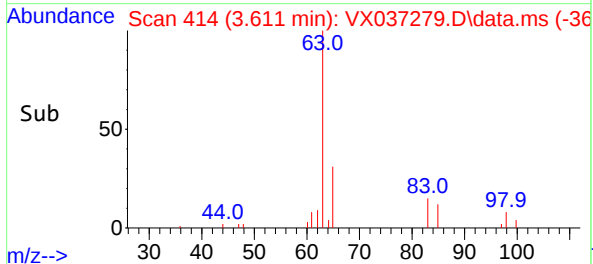
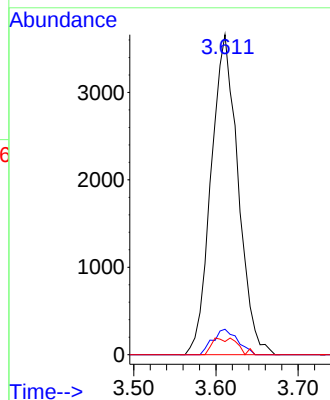
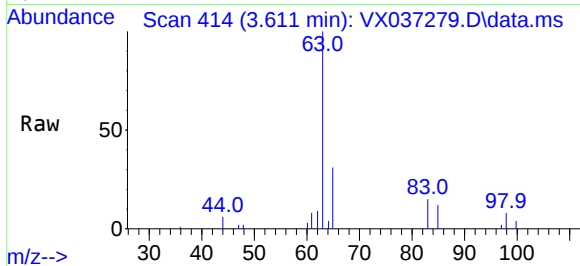




#24
1,1-Dichloroethane
Concen: 3.006 ug/l
RT: 3.611 min Scan# 41
Delta R.T. 0.006 min
Lab File: VX037279.D
Acq: 25 Aug 2023 18:22

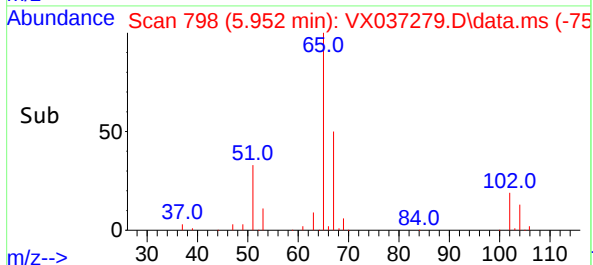
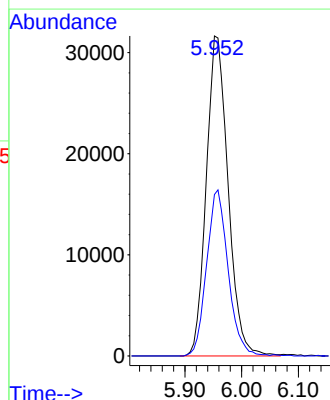
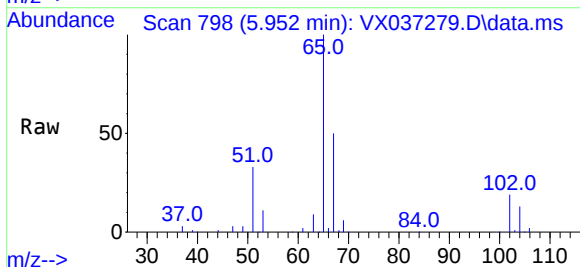
Instrument :
MSVOA_X
ClientSampleId :
TT17411-20230818

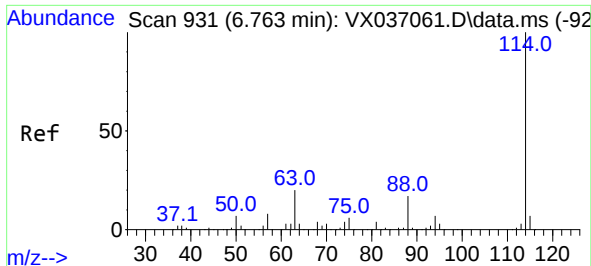
Tgt Ion: 63	Resp:	8364
Ion Ratio	Lower	Upper
63	100	
98	7.9	3.3 9.8
100	4.1	2.1 6.5



#33
1,2-Dichloroethane-d4
Concen: 43.216 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX037279.D
Acq: 25 Aug 2023 18:22

Tgt Ion: 65	Resp:	84556
Ion Ratio	Lower	Upper
65	100	
67	51.2	0.0 100.2

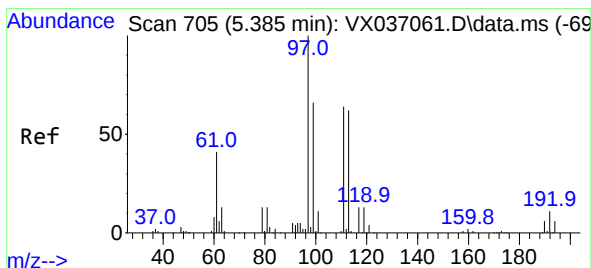
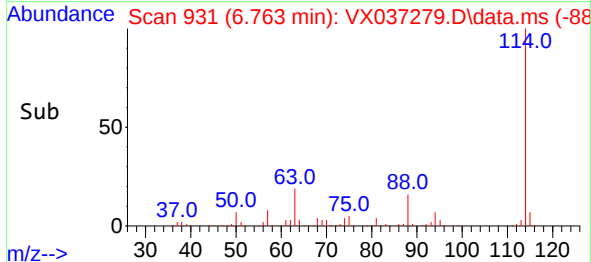
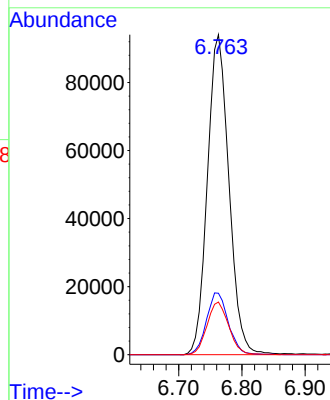
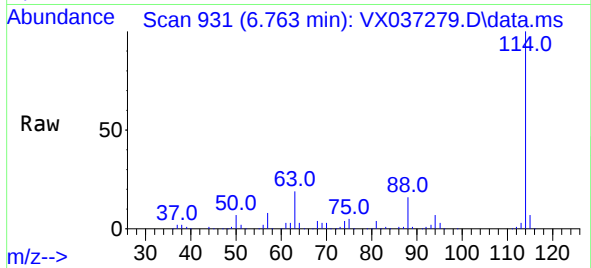




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX037279.D
Acq: 25 Aug 2023 18:22

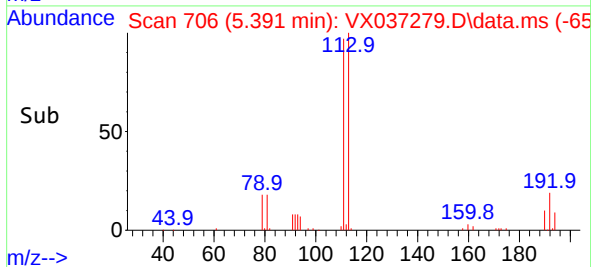
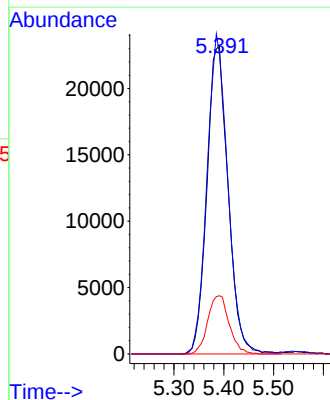
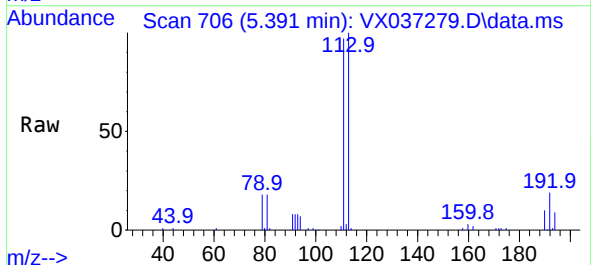
Instrument :
MSVOA_X
ClientSampleId :
TT17411-20230818

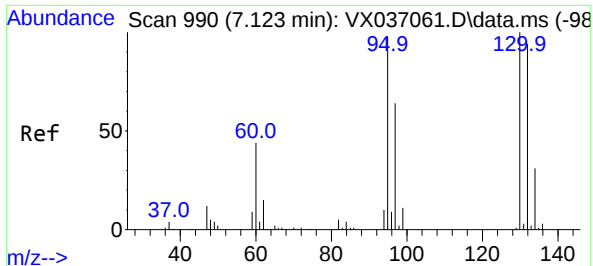
Tgt Ion:114 Resp: 222278
Ion Ratio Lower Upper
114 100
63 19.2 0.0 45.0
88 16.4 0.0 36.6



#35
Dibromofluoromethane
Concen: 46.642 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX037279.D
Acq: 25 Aug 2023 18:22

Tgt Ion:113 Resp: 68662
Ion Ratio Lower Upper
113 100
111 101.6 82.9 124.3
192 19.0 13.3 19.9





#44

Trichloroethene

Concen: 2.037 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.006 min

Lab File: VX037279.D

Acq: 25 Aug 2023 18:22

Instrument :

MSVOA_X

ClientSampleId :

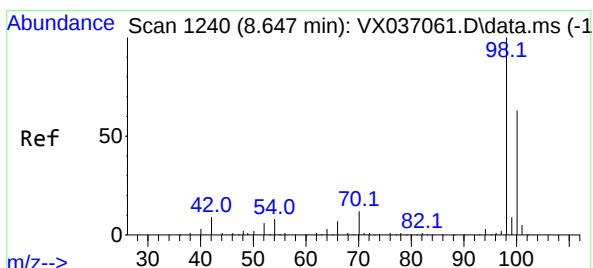
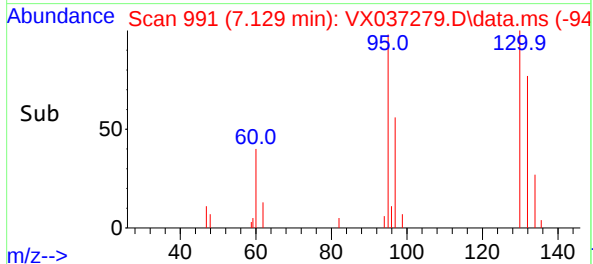
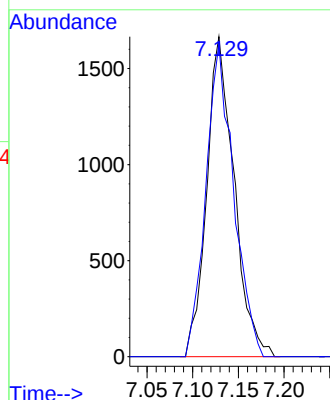
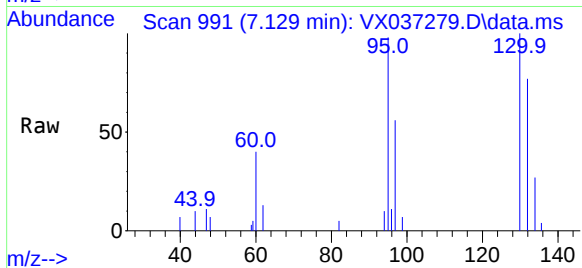
TT17411-20230818

Tgt Ion:130 Resp: 3465

Ion Ratio Lower Upper

130 100

95 97.9 0.0 204.4



#50

Toluene-d8

Concen: 48.827 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX037279.D

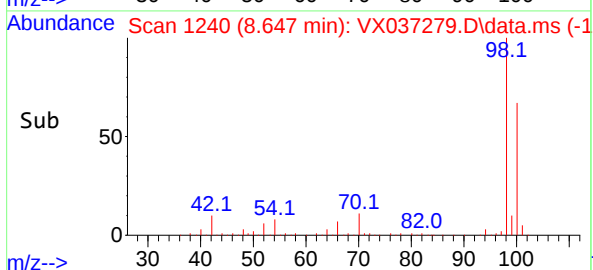
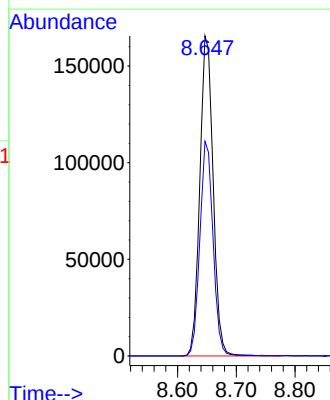
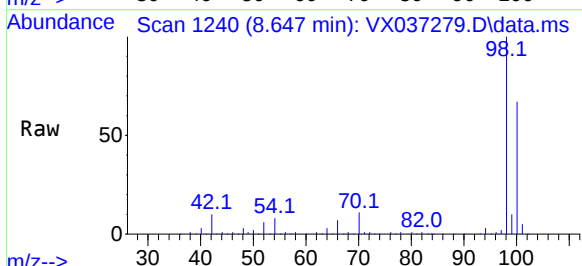
Acq: 25 Aug 2023 18:22

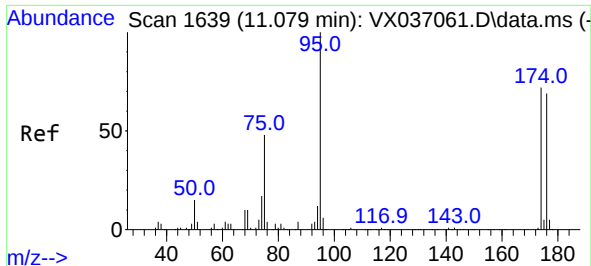
Tgt Ion: 98 Resp: 260728

Ion Ratio Lower Upper

98 100

100 66.5 53.1 79.7

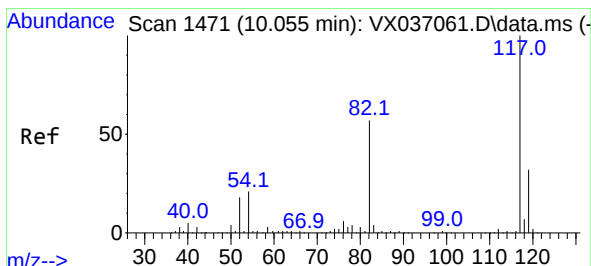
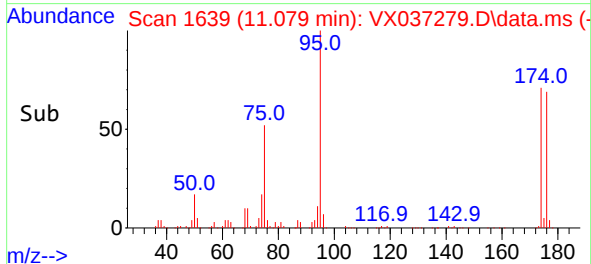
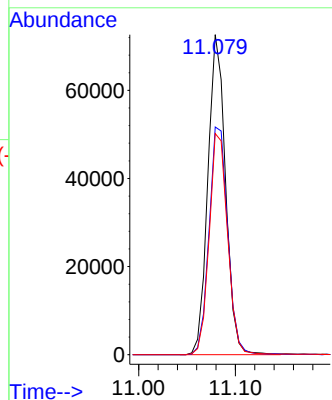
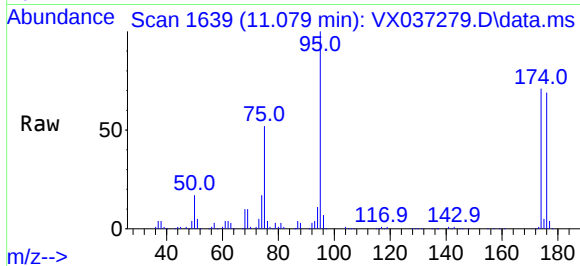




#62
4-Bromofluorobenzene
Concen: 44.068 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX037279.D
Acq: 25 Aug 2023 18:22

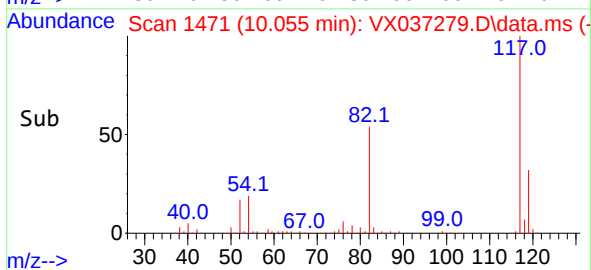
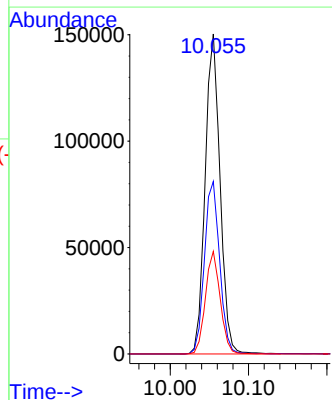
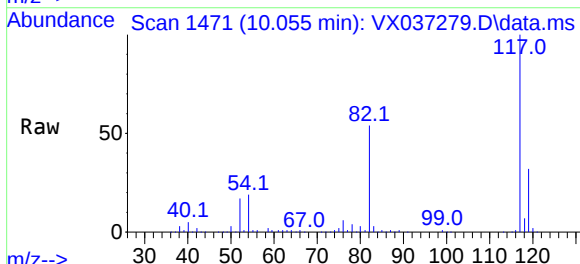
Instrument :
MSVOA_X
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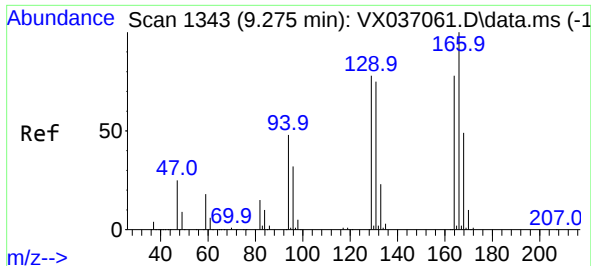
Tgt Ion: 95 Resp: 92477
Ion Ratio Lower Upper
95 100
174 75.2 0.0 135.6
176 71.9 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037279.D
Acq: 25 Aug 2023 18:22

Tgt Ion: 117 Resp: 198193
Ion Ratio Lower Upper
117 100
82 53.9 46.2 69.4
119 32.1 25.5 38.3



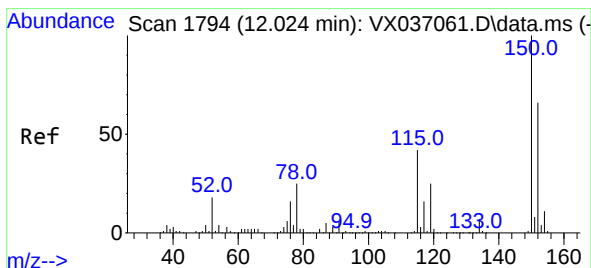
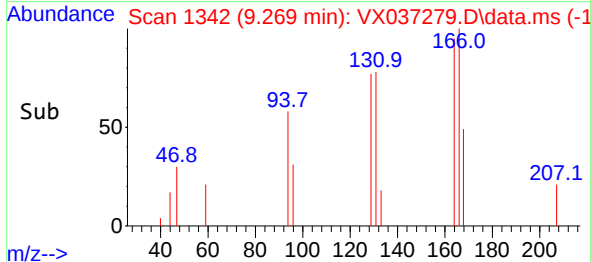
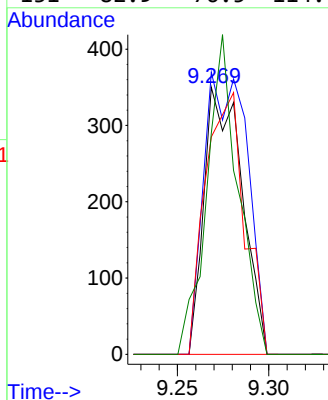
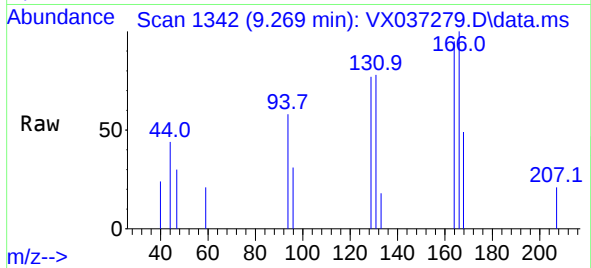


#64
Tetrachloroethene
Concen: 0.350 ug/l
RT: 9.269 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX037279.D
Acq: 25 Aug 2023 18:22

Instrument :
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ClientSampleId :
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Tgt Ion:164 Resp: 506

Ion	Ratio	Lower	Upper
164	100		
166	105.7	102.7	154.1
129	81.4	80.4	120.6
131	82.9	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: VX037279.D
Acq: 25 Aug 2023 18:22

Tgt Ion:152 Resp: 85858

Ion	Ratio	Lower	Upper
152	100		
115	62.8	43.3	129.9
150	156.4	0.0	345.0

