

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021624\
 Data File : VX040278.D
 Acq On : 16 Feb 2024 15:08
 Operator : JC/MD
 Sample : P1507-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D3-20240214

Quant Time: Feb 17 01:36:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 12 00:21:14 2024
 Response via : Initial Calibration

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

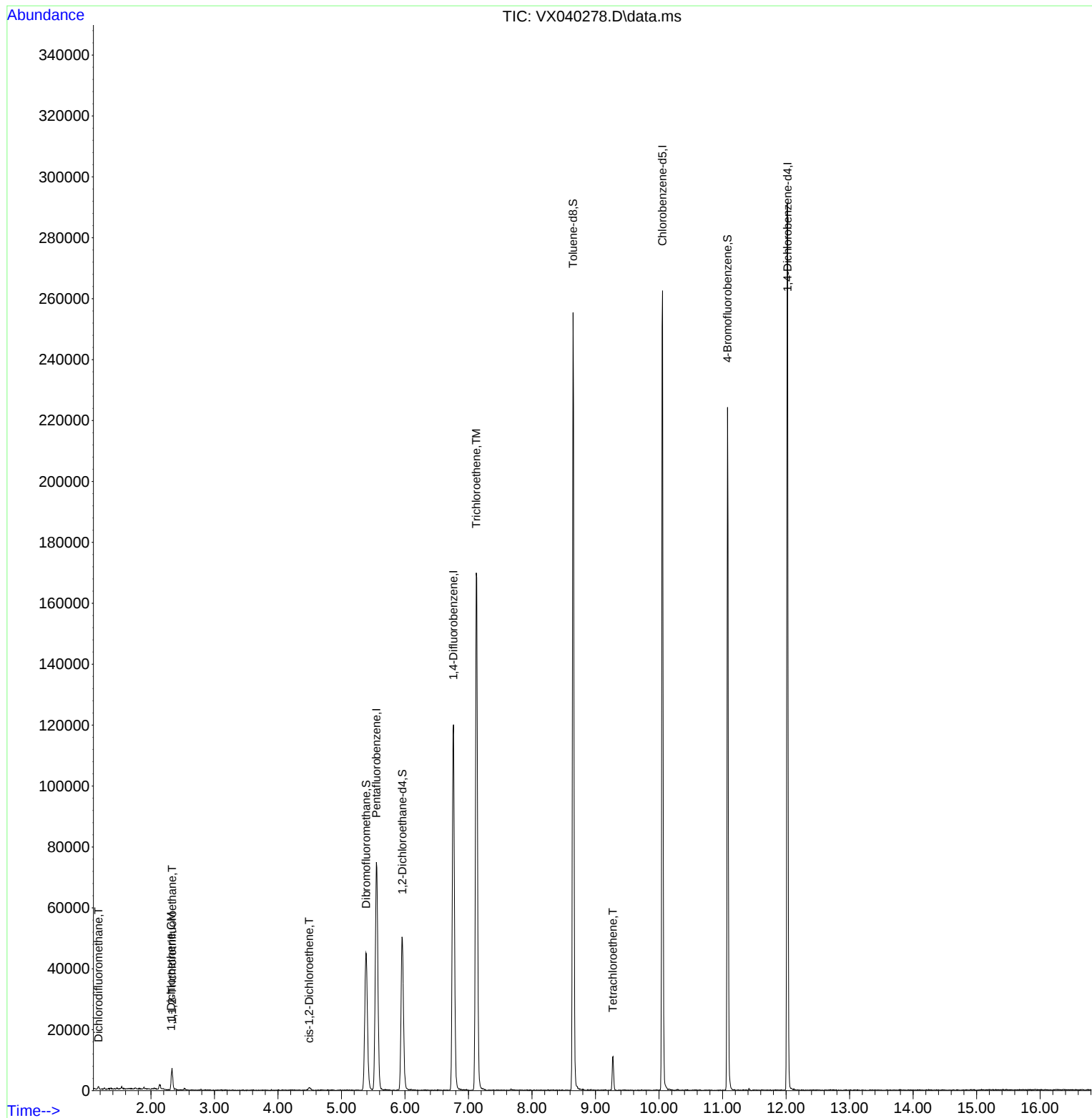
Internal Standards						
1) Pentafluorobenzene	5.550	168	71536	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	121279	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	119131	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	61289	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	48944	45.989	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.980%
35) Dibromofluoromethane	5.385	113	39923	47.138	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.280%
50) Toluene-d8	8.647	98	149084	47.057	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.120%
62) 4-Bromofluorobenzene	11.079	95	57400	44.424	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.840%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	381	0.471	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.331	101	2593	3.418	ug/l	96
12) 1,1-Dichloroethene	2.318	96	252	0.345	ug/l #	79
27) cis-1,2-Dichloroethene	4.489	96	696	0.733	ug/l	70
44) Trichloroethene	7.123	130	65381	71.440	ug/l	92
64) Tetrachloroethene	9.275	164	1951	2.337	ug/l #	85

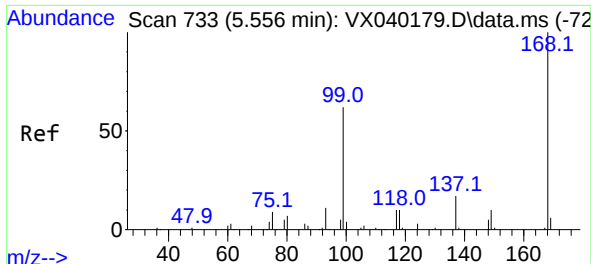
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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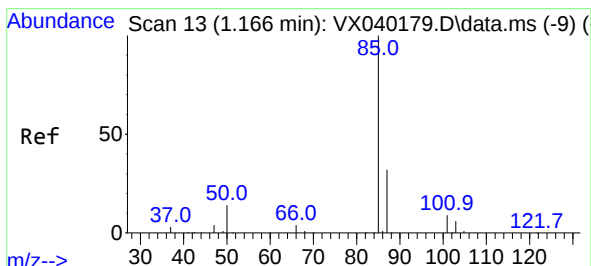
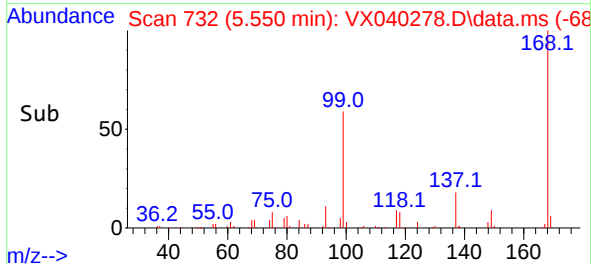
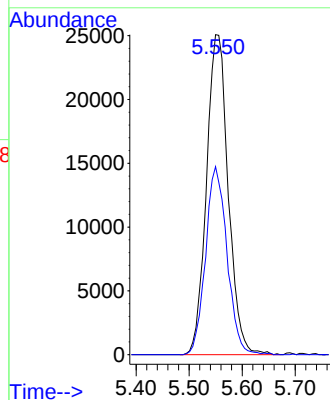
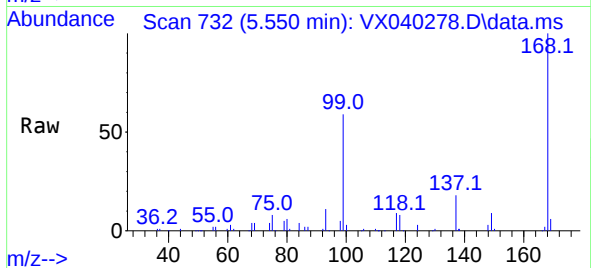




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX040278.D
Acq: 16 Feb 2024 15:08

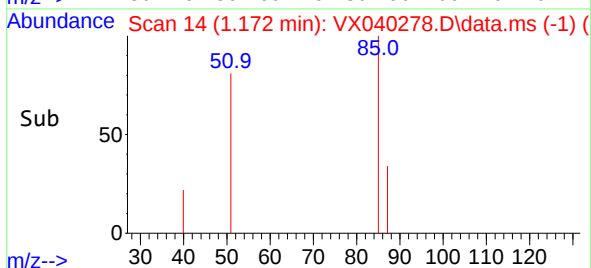
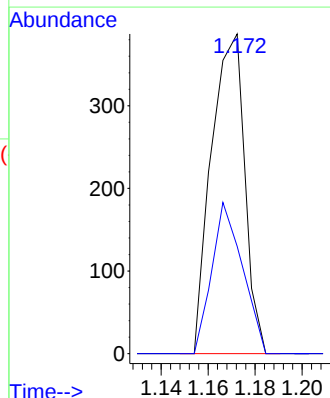
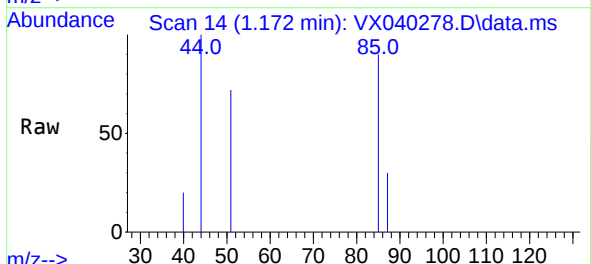
Instrument :
MSVOA_X
ClientSampleId :
RE132D3-20240214

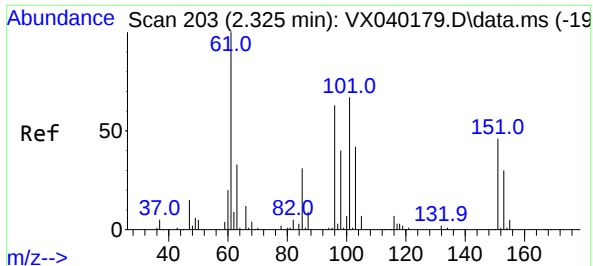
Tgt Ion:168 Resp: 71536
Ion Ratio Lower Upper
168 100
99 58.7 56.6 85.0



#2
Dichlorodifluoromethane
Concen: 0.471 ug/l
RT: 1.172 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX040278.D
Acq: 16 Feb 2024 15:08

Tgt Ion: 85 Resp: 381
Ion Ratio Lower Upper
85 100
87 33.6 16.7 50.1

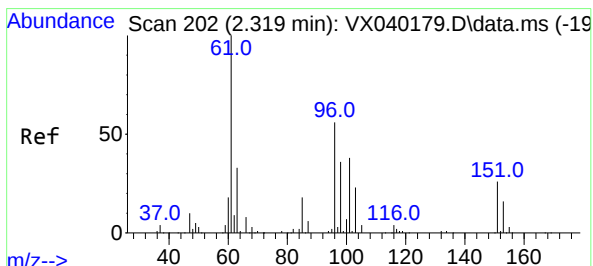
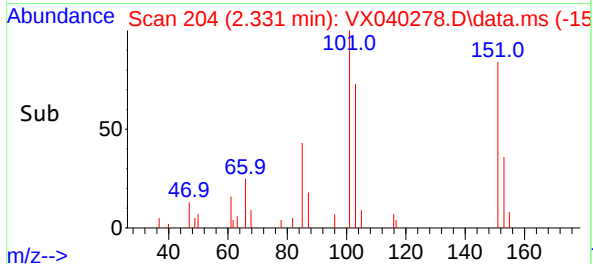
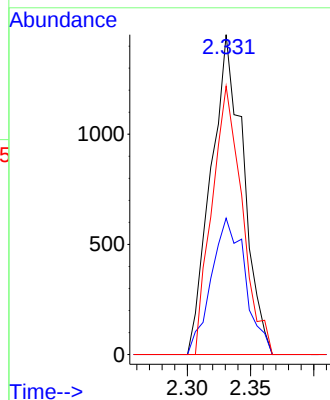
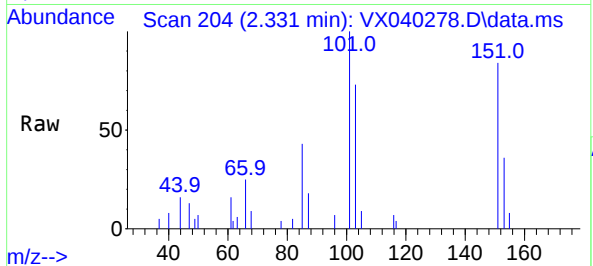




#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.418 ug/l
RT: 2.331 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX040278.D
Acq: 16 Feb 2024 15:08

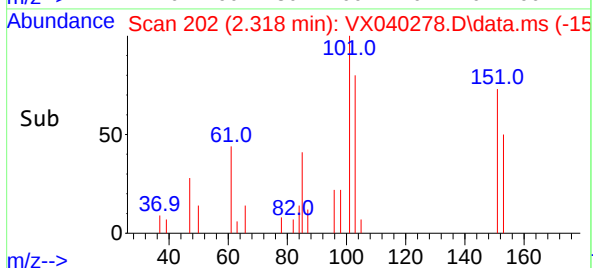
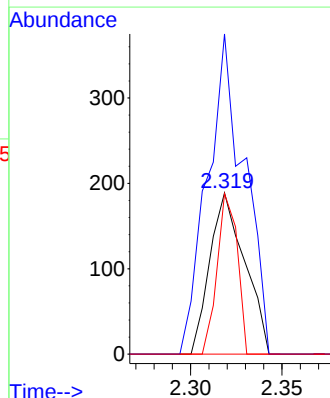
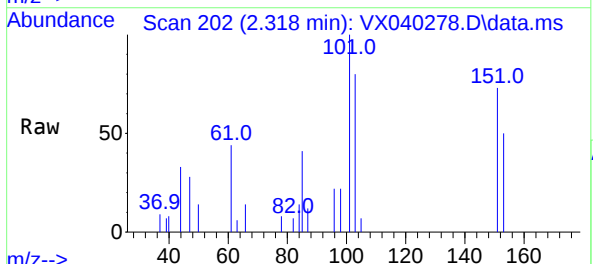
Instrument :
MSVOA_X
ClientSampleId :
RE132D3-20240214

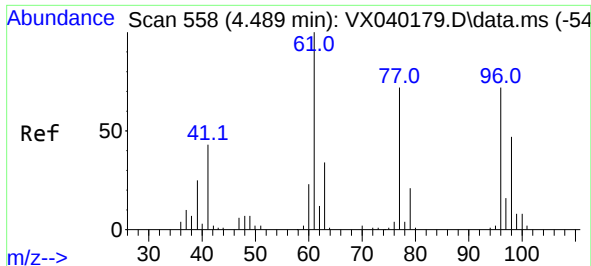
Tgt Ion:101 Resp: 2593
Ion Ratio Lower Upper
101 100
85 44.7 37.0 55.6
151 78.0 58.6 87.8



#12
1,1-Dichloroethene
Concen: 0.345 ug/l
RT: 2.318 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX040278.D
Acq: 16 Feb 2024 15:08

Tgt Ion: 96 Resp: 252
Ion Ratio Lower Upper
96 100
61 198.4 144.6 216.8
98 99.5 50.4 75.6#

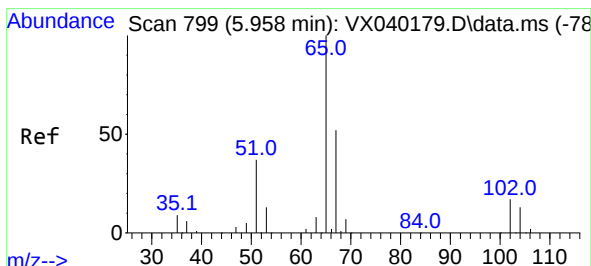
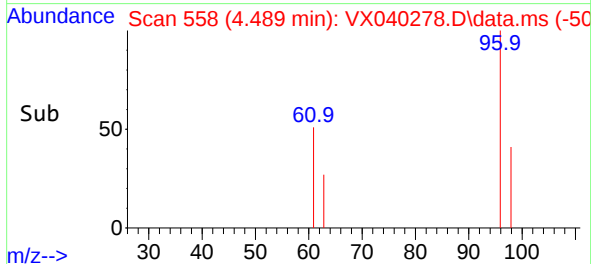
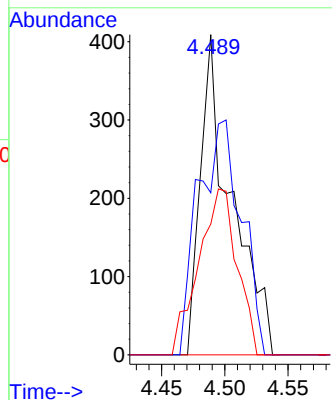
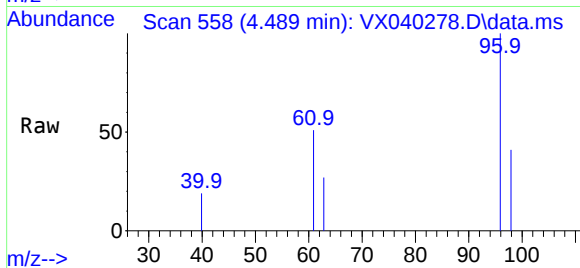




#27
 cis-1,2-Dichloroethene
 Concen: 0.733 ug/l
 RT: 4.489 min Scan# 511
 Delta R.T. -0.000 min
 Lab File: VX040278.D
 Acq: 16 Feb 2024 15:08

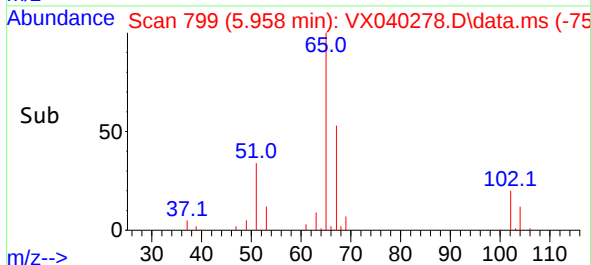
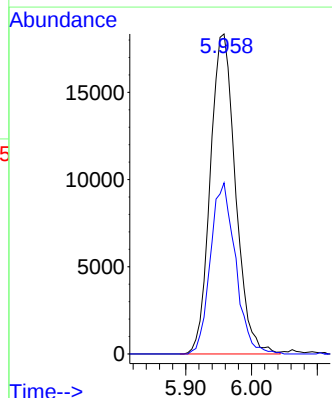
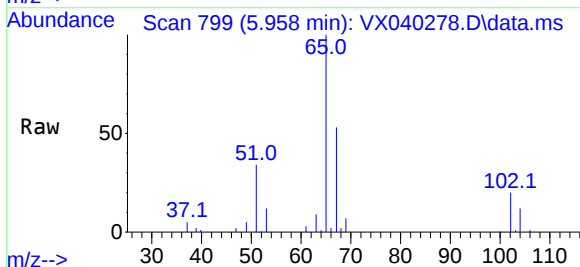
Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D3-20240214

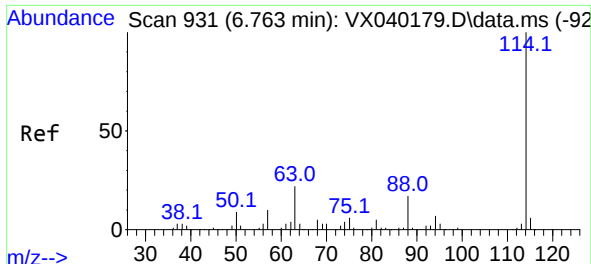
Tgt Ion: 96	Resp:	696	
Ion	Ratio	Lower	Upper
96	100		
61	101.9	0.0	312.2
98	64.4	0.0	129.0



#33
 1,2-Dichloroethane-d4
 Concen: 45.989 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. -0.000 min
 Lab File: VX040278.D
 Acq: 16 Feb 2024 15:08

Tgt Ion: 65	Resp:	48944	
Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	100.2

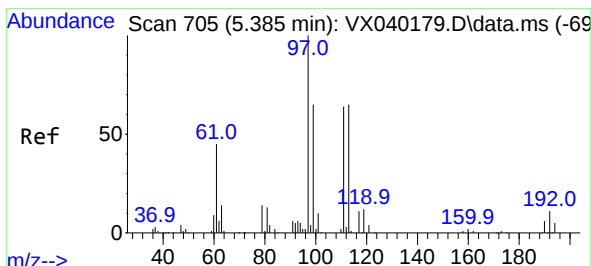
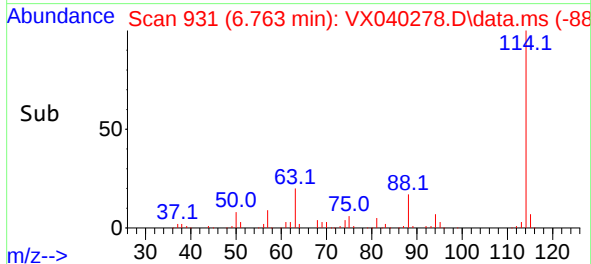
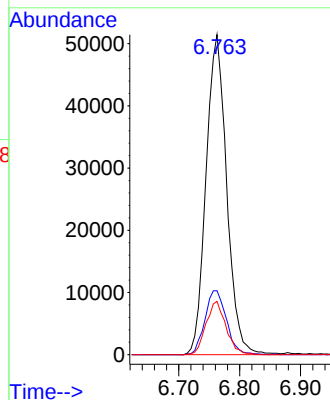
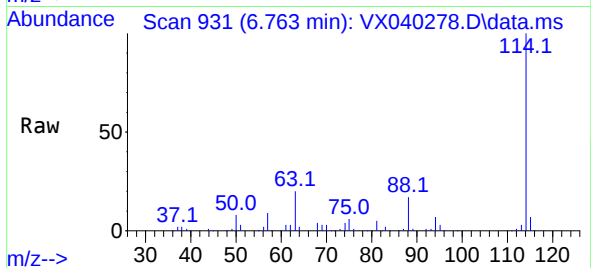




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX040278.D
Acq: 16 Feb 2024 15:08

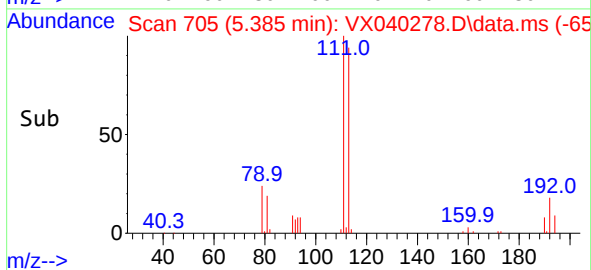
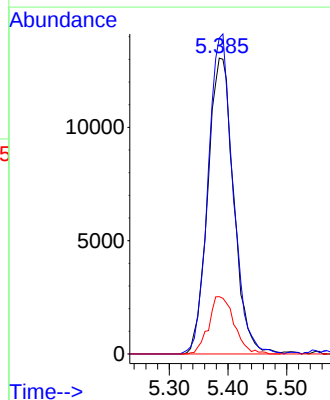
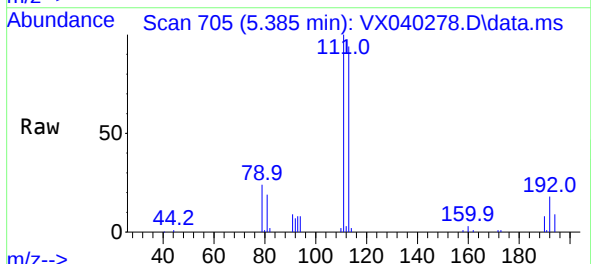
Instrument :
MSVOA_X
ClientSampleId :
RE132D3-20240214

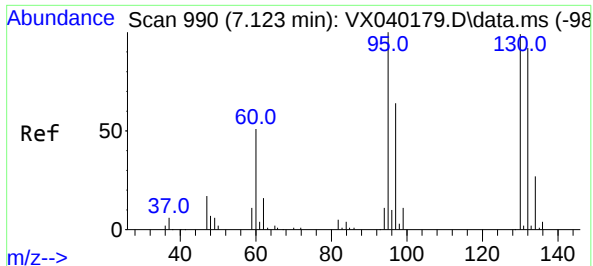
Tgt Ion:114 Resp: 121279
Ion Ratio Lower Upper
114 100
63 20.0 0.0 45.0
88 16.7 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.138 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX040278.D
Acq: 16 Feb 2024 15:08

Tgt Ion:113 Resp: 39923
Ion Ratio Lower Upper
113 100
111 103.8 82.9 124.3
192 19.1 13.3 19.9

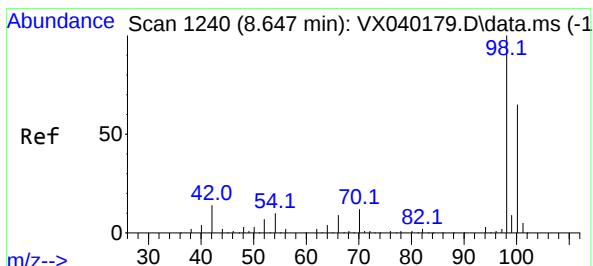
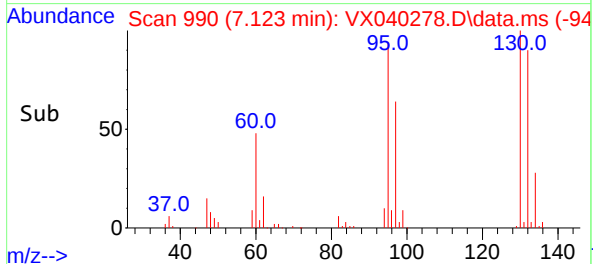
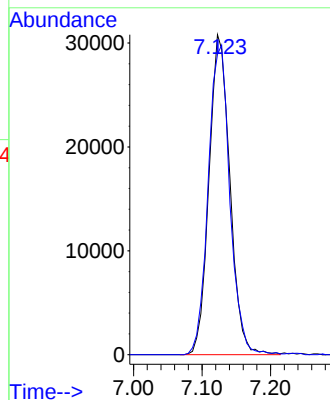
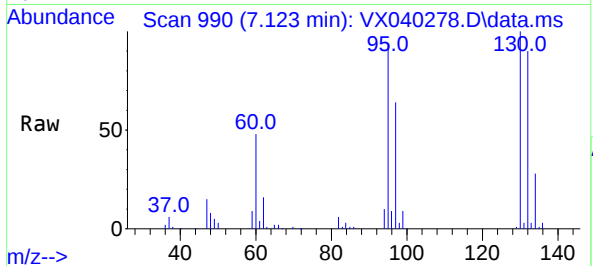




#44
Trichloroethene
Concen: 71.440 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX040278.D
Acq: 16 Feb 2024 15:08

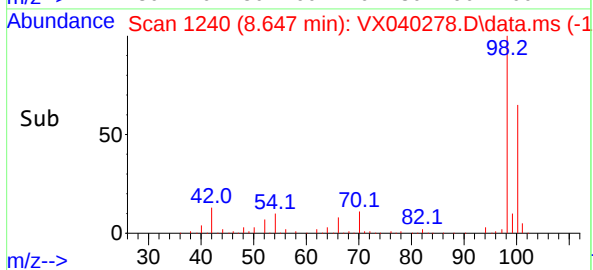
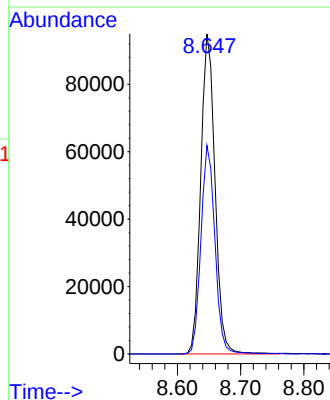
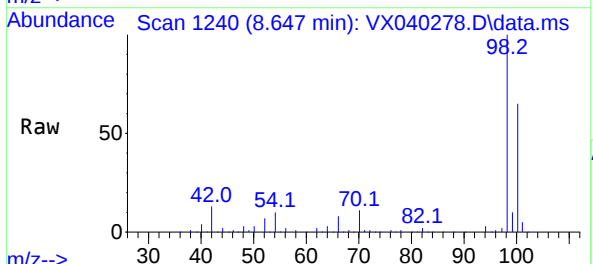
Instrument :
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ClientSampleId :
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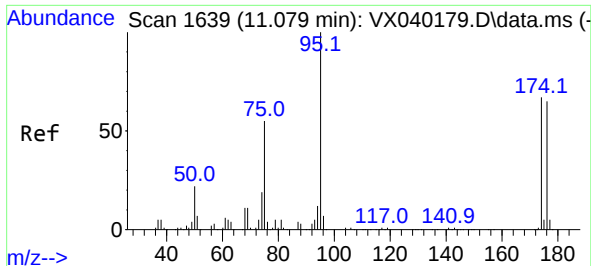
Tgt Ion:130 Resp: 65381
Ion Ratio Lower Upper
130 100
95 93.8 0.0 204.4



#50
Toluene-d8
Concen: 47.057 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX040278.D
Acq: 16 Feb 2024 15:08

Tgt Ion: 98 Resp: 149084
Ion Ratio Lower Upper
98 100
100 64.1 53.1 79.7





#62

4-Bromofluorobenzene

Concen: 44.424 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX040278.D

Acq: 16 Feb 2024 15:08

Instrument :

MSVOA_X

ClientSampleId :

RE132D3-20240214

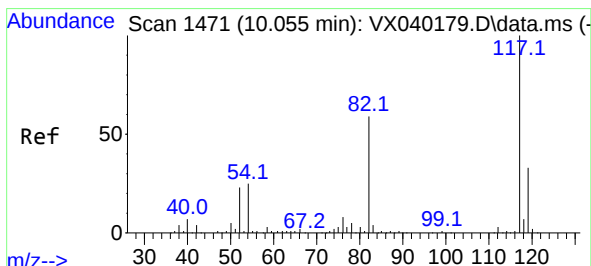
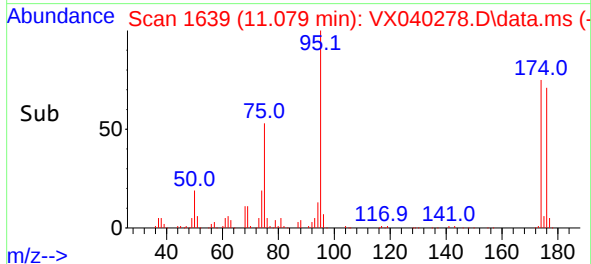
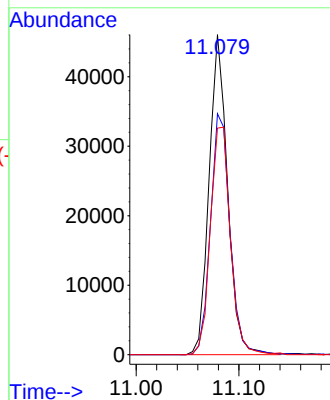
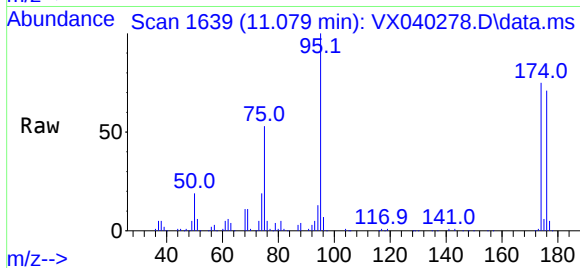
Tgt Ion: 95 Resp: 57400

Ion Ratio Lower Upper

95 100

174 80.1 0.0 135.6

176 77.3 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: VX040278.D

Acq: 16 Feb 2024 15:08

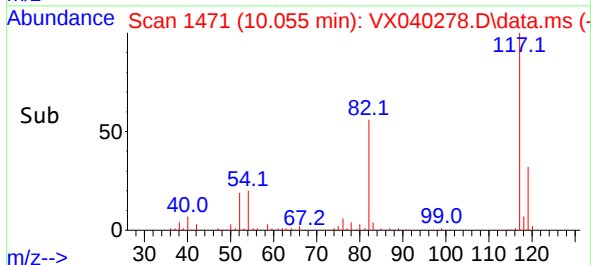
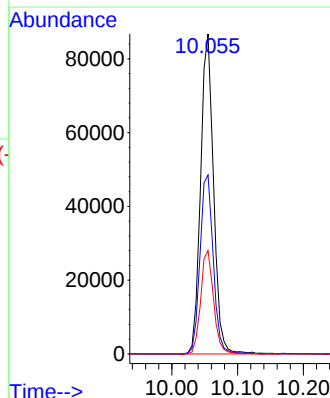
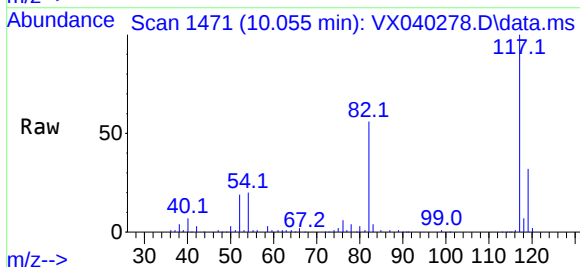
Tgt Ion: 117 Resp: 119131

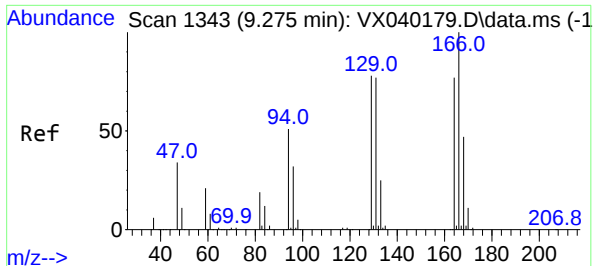
Ion Ratio Lower Upper

117 100

82 55.9 46.2 69.4

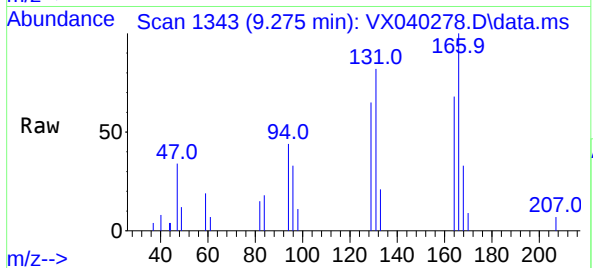
119 32.3 25.5 38.3



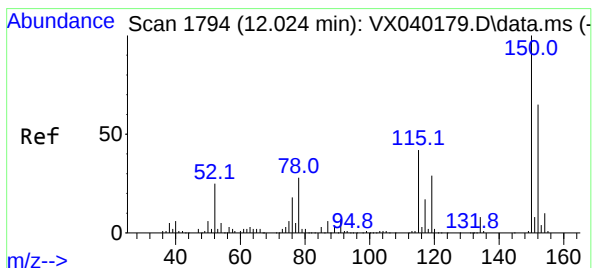
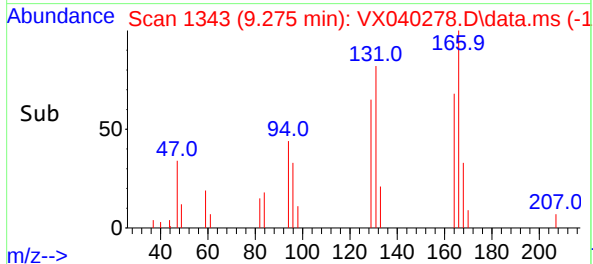
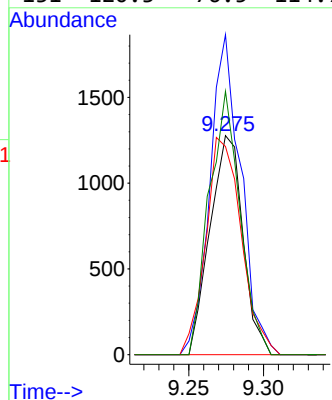


#64
Tetrachloroethene
Concen: 2.337 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040278.D
Acq: 16 Feb 2024 15:08

Instrument :
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Tgt Ion:164 Resp: 1951
Ion Ratio Lower Upper
164 100
166 146.1 102.7 154.1
129 95.1 80.4 120.6
131 120.3 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: VX040278.D
Acq: 16 Feb 2024 15:08

Tgt Ion:152 Resp: 61289
Ion Ratio Lower Upper
152 100
115 60.4 43.3 129.9
150 156.6 0.0 345.0

