

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021624\
 Data File : VX040279.D
 Acq On : 16 Feb 2024 15:31
 Operator : JC/MD
 Sample : P1507-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D2-20240214

Quant Time: Feb 17 01:37:23 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)

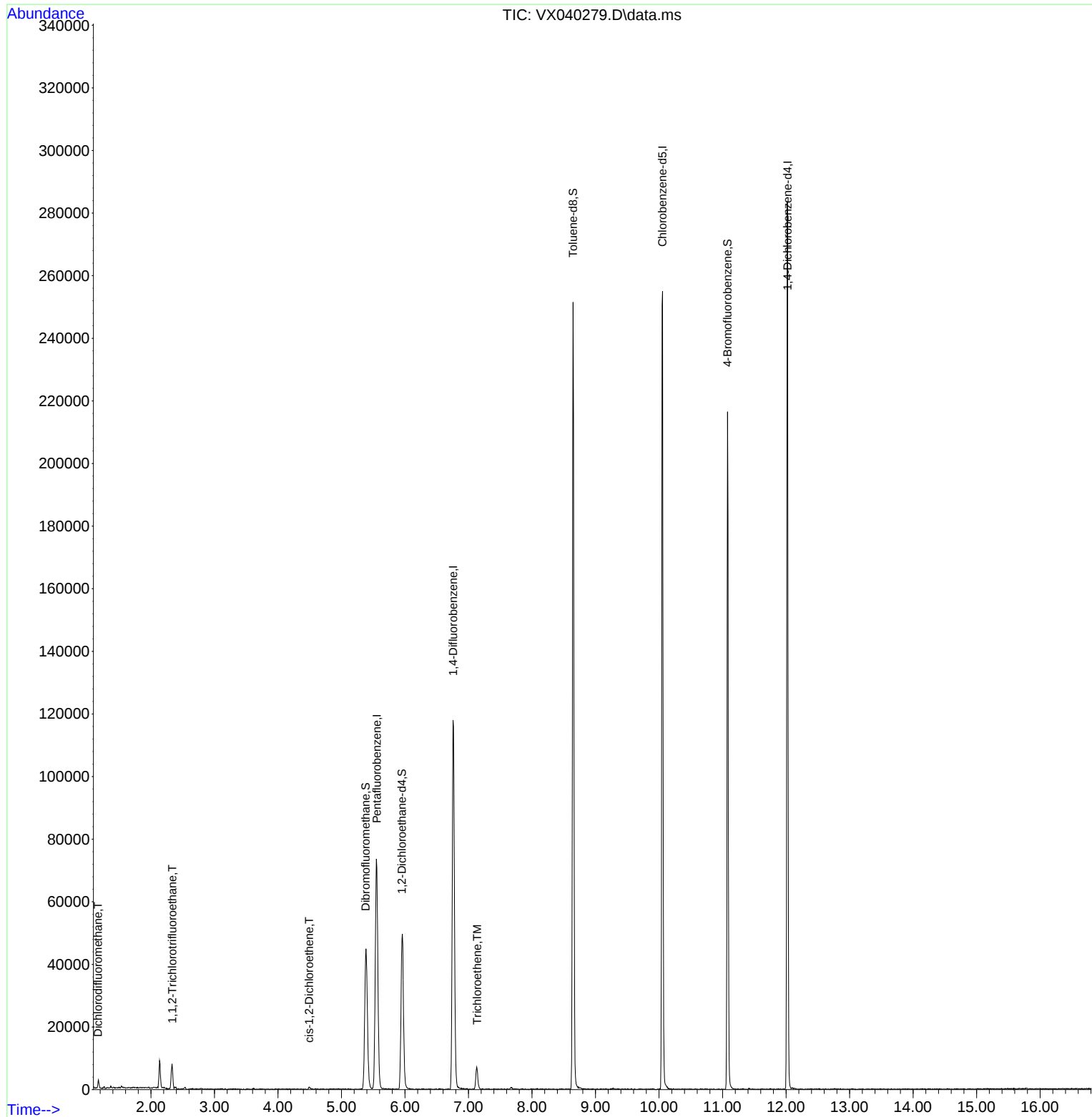
Internal Standards						
1) Pentafluorobenzene	5.556	168	70551	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.757	114	119785	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	116081	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	58258	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	48308	46.026	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.060%
35) Dibromofluoromethane	5.379	113	39370	47.064	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.120%
50) Toluene-d8	8.647	98	145198	46.402	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.800%
62) 4-Bromofluorobenzene	11.079	95	57414	44.989	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.980%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	1197	1.502	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.337	101	2986	3.991	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	268	0.286	ug/l	63
44) Trichloroethene	7.135	130	3042	3.365	ug/l	73

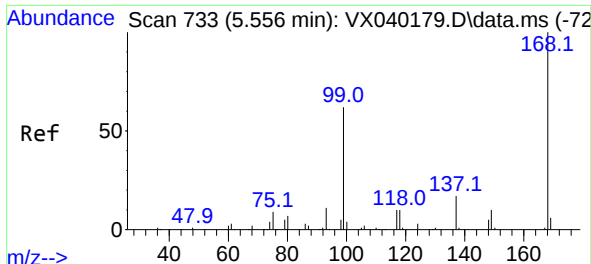
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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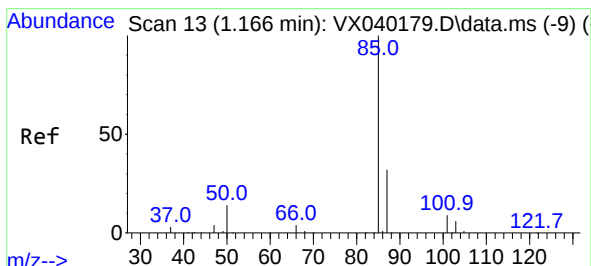
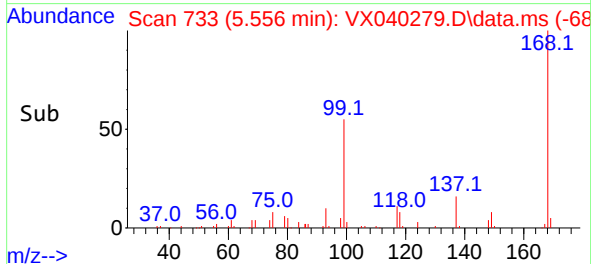
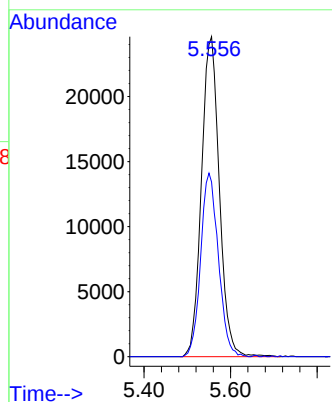
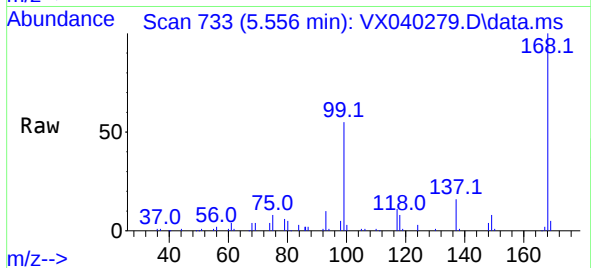




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX040279.D
Acq: 16 Feb 2024 15:31

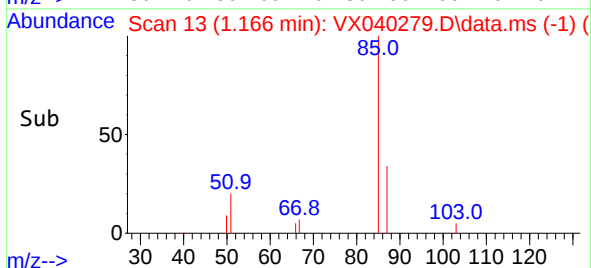
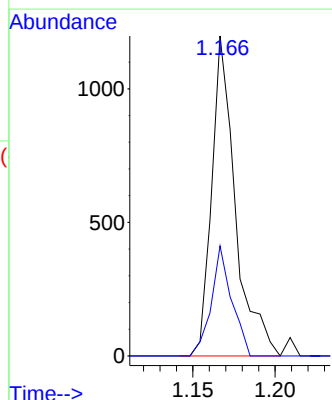
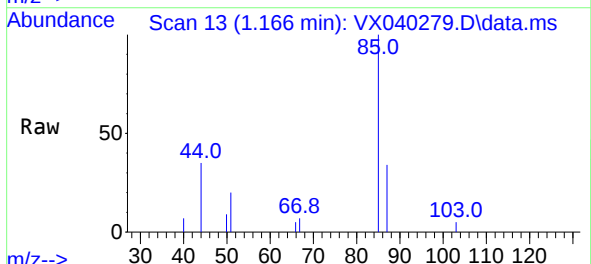
Instrument :
MSVOA_X
ClientSampleId :
RE132D2-20240214

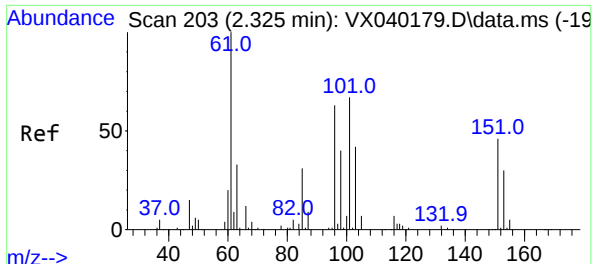
Tgt Ion:168 Resp: 70551
Ion Ratio Lower Upper
168 100
99 54.6 56.6 85.0#



#2
Dichlorodifluoromethane
Concen: 1.502 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX040279.D
Acq: 16 Feb 2024 15:31

Tgt Ion: 85 Resp: 1197
Ion Ratio Lower Upper
85 100
87 34.4 16.7 50.1

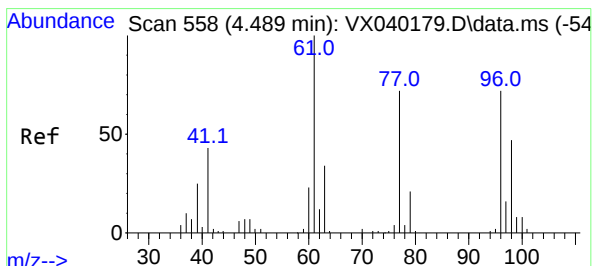
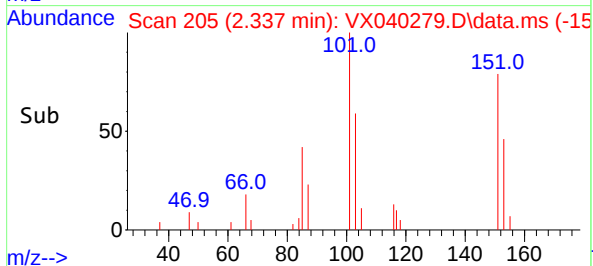
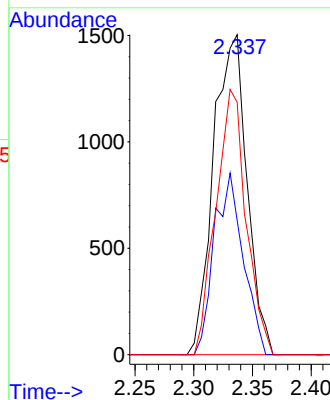
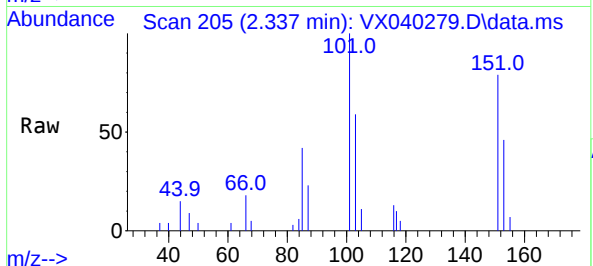




#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.991 ug/l
RT: 2.337 min Scan# 20
Delta R.T. 0.012 min
Lab File: VX040279.D
Acq: 16 Feb 2024 15:31

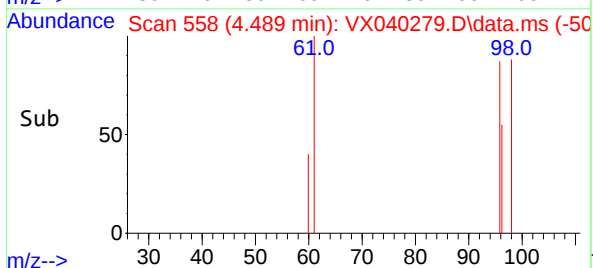
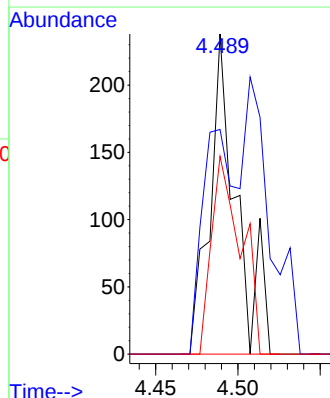
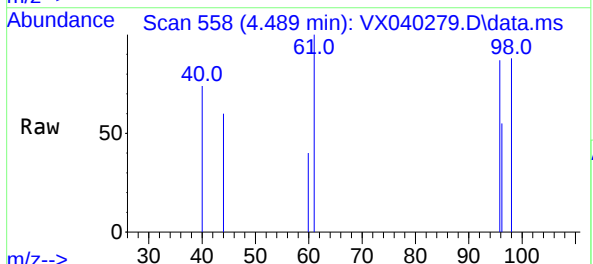
Instrument :
MSVOA_X
ClientSampleId :
RE132D2-20240214

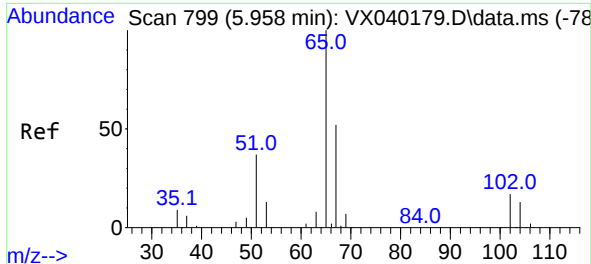
Tgt Ion:101 Resp: 2986
Ion Ratio Lower Upper
101 100
85 49.1 37.0 55.6
151 74.8 58.6 87.8



#27
cis-1,2-Dichloroethene
Concen: 0.286 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.000 min
Lab File: VX040279.D
Acq: 16 Feb 2024 15:31

Tgt Ion: 96 Resp: 268
Ion Ratio Lower Upper
96 100
61 91.8 0.0 312.2
98 68.7 0.0 129.0





#33

1,2-Dichloroethane-d4

Concen: 46.026 ug/l

RT: 5.952 min Scan# 79

Delta R.T. -0.006 min

Lab File: VX040279.D

Acq: 16 Feb 2024 15:31

Instrument :

MSVOA_X

ClientSampleId :

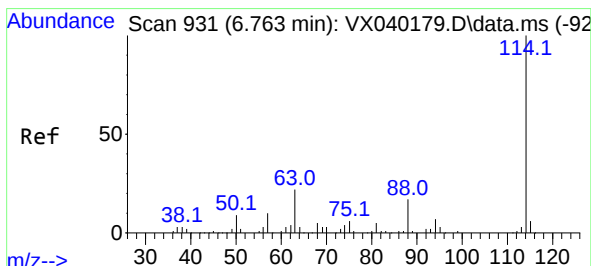
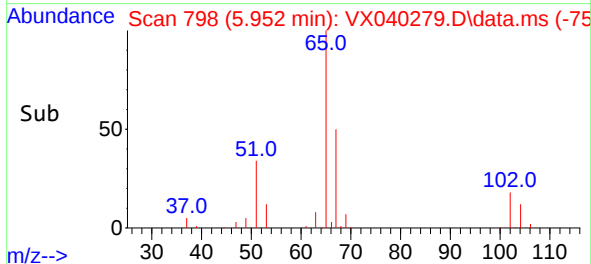
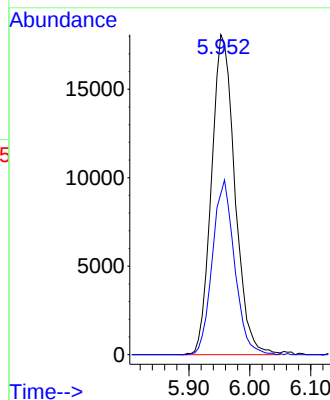
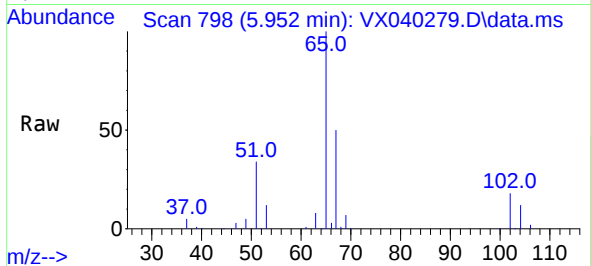
RE132D2-20240214

Tgt Ion: 65 Resp: 48308

Ion Ratio Lower Upper

65 100

67 51.7 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX040279.D

Acq: 16 Feb 2024 15:31

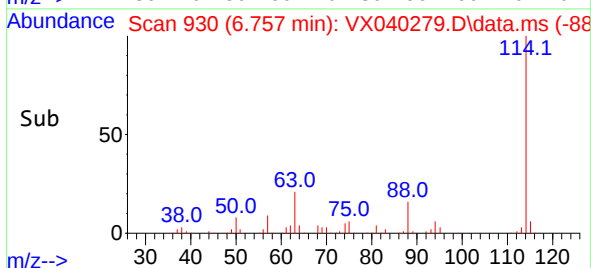
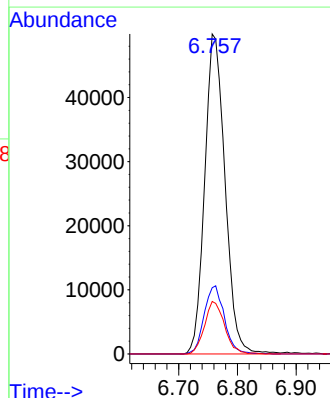
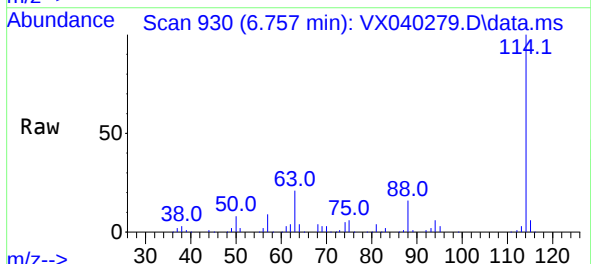
Tgt Ion:114 Resp: 119785

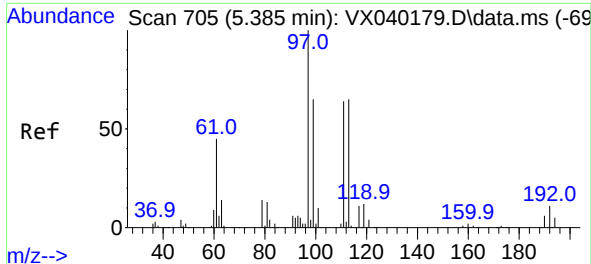
Ion Ratio Lower Upper

114 100

63 20.7 0.0 45.0

88 16.4 0.0 36.6





#35

Dibromofluoromethane

Concen: 47.064 ug/l

RT: 5.379 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX040279.D

Acq: 16 Feb 2024 15:31

Instrument :

MSVOA_X

ClientSampleId :

RE132D2-20240214

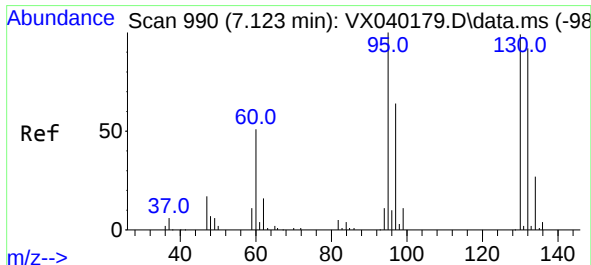
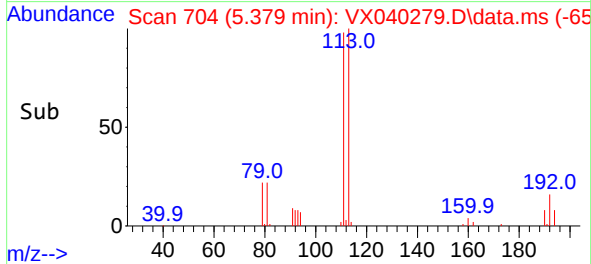
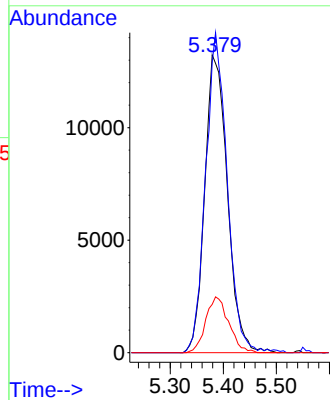
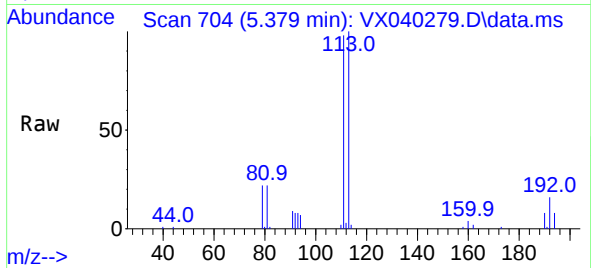
Tgt Ion:113 Resp: 39370

Ion Ratio Lower Upper

113 100

111 102.6 82.9 124.3

192 18.9 13.3 19.9



#44

Trichloroethene

Concen: 3.365 ug/l

RT: 7.135 min Scan# 992

Delta R.T. 0.006 min

Lab File: VX040279.D

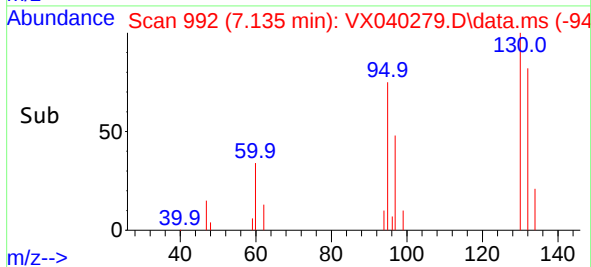
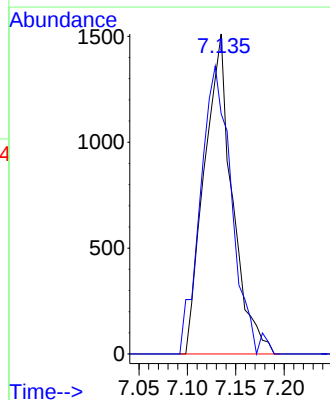
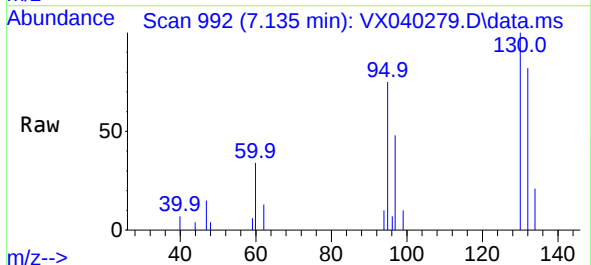
Acq: 16 Feb 2024 15:31

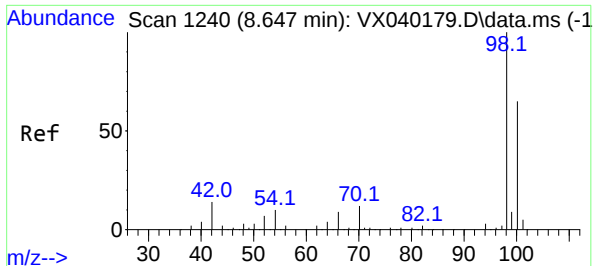
Tgt Ion:130 Resp: 3042

Ion Ratio Lower Upper

130 100

95 75.0 0.0 204.4

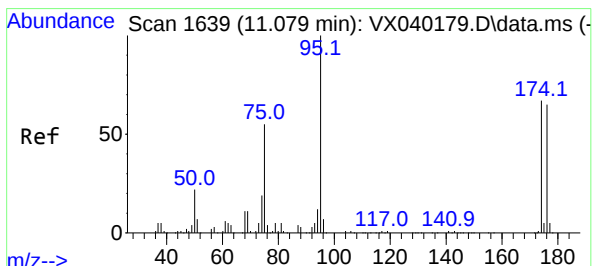
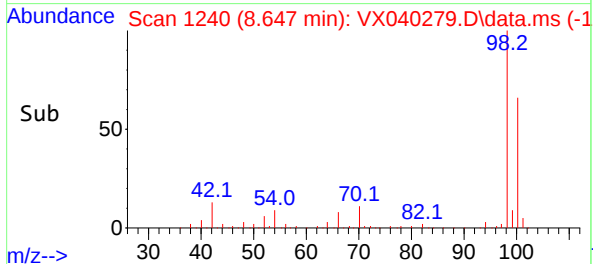
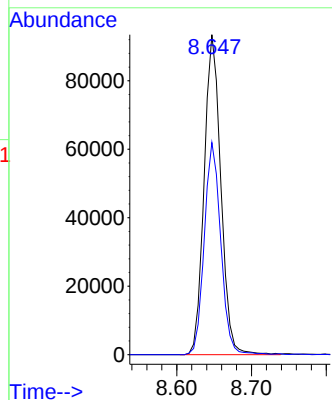
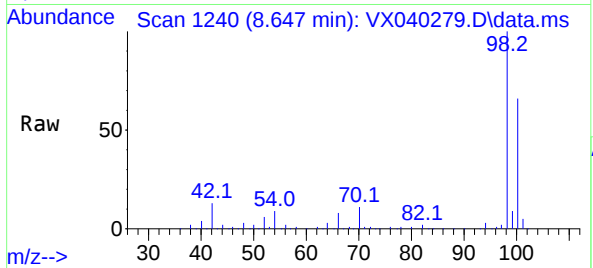




#50
Toluene-d8
Concen: 46.402 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX040279.D
Acq: 16 Feb 2024 15:31

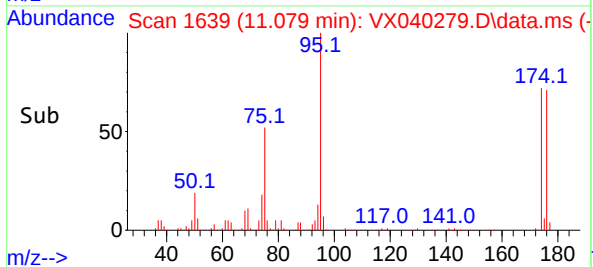
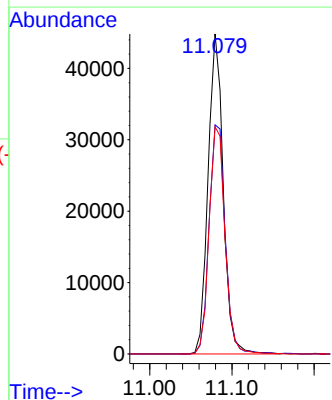
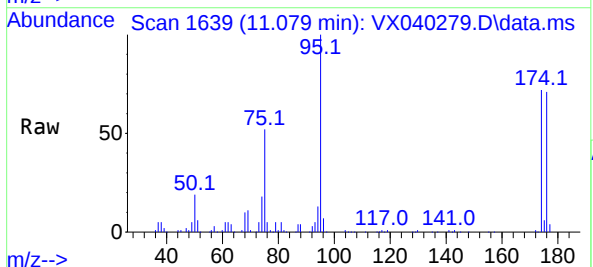
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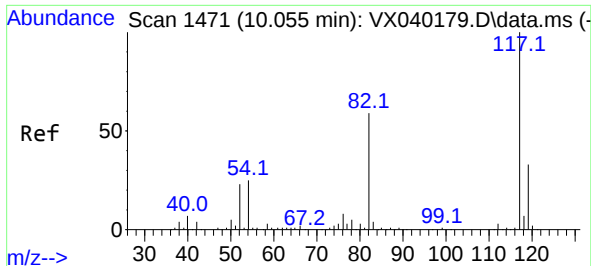
Tgt Ion: 98 Resp: 145198
Ion Ratio Lower Upper
98 100
100 65.3 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 44.989 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040279.D
Acq: 16 Feb 2024 15:31

Tgt Ion: 95 Resp: 57414
Ion Ratio Lower Upper
95 100
174 76.1 0.0 135.6
176 74.4 0.0 131.0

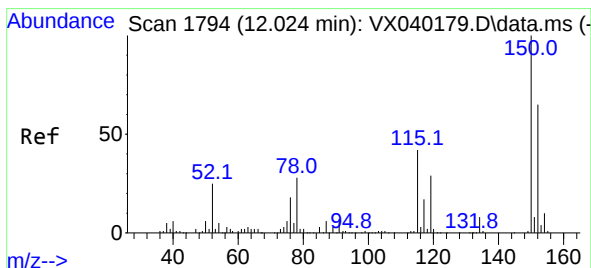
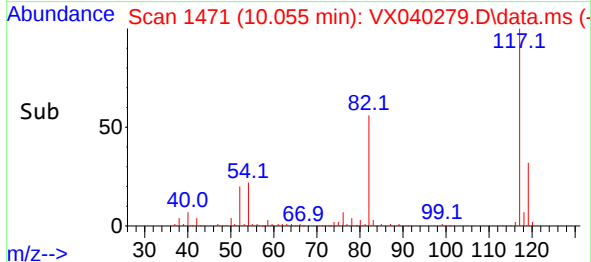
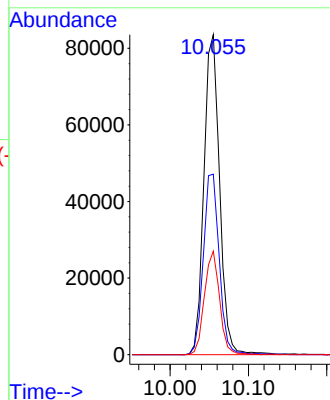
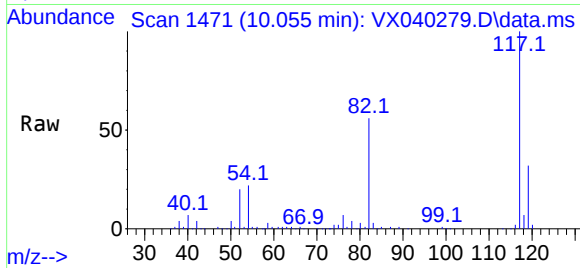




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040279.D
Acq: 16 Feb 2024 15:31

Instrument :
MSVOA_X
ClientSampleId :
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Tgt Ion:117 Resp: 116081
Ion Ratio Lower Upper
117 100
82 56.4 46.2 69.4
119 32.4 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX040279.D
Acq: 16 Feb 2024 15:31

Tgt Ion:152 Resp: 58258
Ion Ratio Lower Upper
152 100
115 61.7 43.3 129.9
150 159.3 0.0 345.0

