

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021624\
 Data File : VX040284.D
 Acq On : 16 Feb 2024 17:25
 Operator : JC/MD
 Sample : P1507-19
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE126D2-20240215

Quant Time: Feb 17 01:39:19 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)

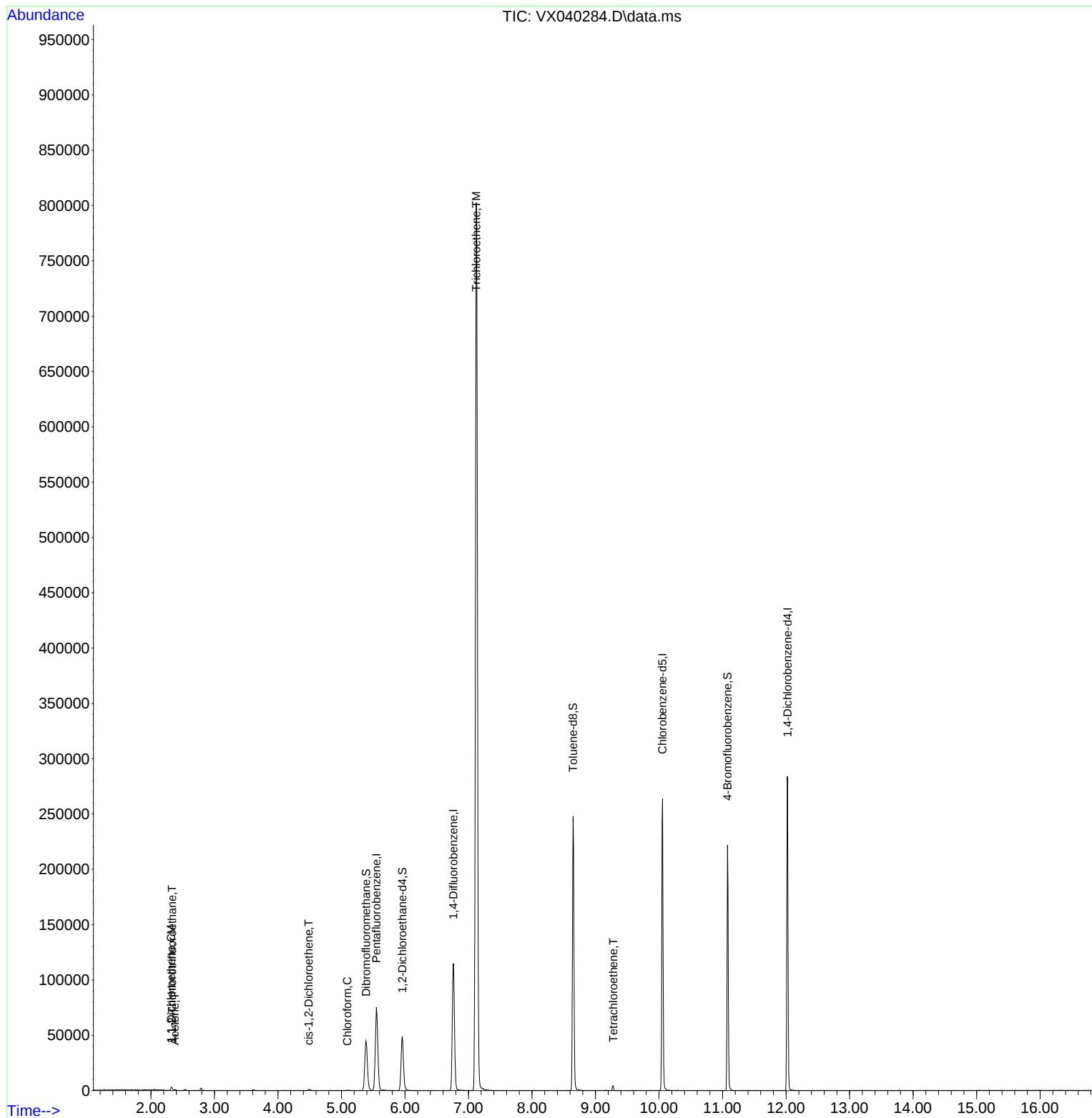
Internal Standards						
1) Pentafluorobenzene	5.550	168	68470	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	117600	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	117731	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	60300	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	47040	46.180	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.360%
35) Dibromofluoromethane	5.385	113	38453	46.822	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.640%
50) Toluene-d8	8.647	98	146121	47.564	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	95.120%
62) 4-Bromofluorobenzene	11.079	95	58433	46.638	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.280%
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.331	101	604	0.832	ug/l	# 69
12) 1,1-Dichloroethene	2.319	96	659	0.943	ug/l	98
16) Acetone	2.373	43	881	2.106	ug/l	93
27) cis-1,2-Dichloroethene	4.483	96	556	0.612	ug/l	90
30) Chloroform	5.093	83	513	0.331	ug/l	# 76
44) Trichloroethene	7.123	130	303954	342.513	ug/l	98
64) Tetrachloroethene	9.281	164	959	1.162	ug/l	# 58

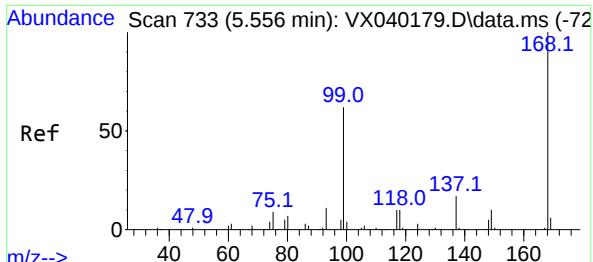
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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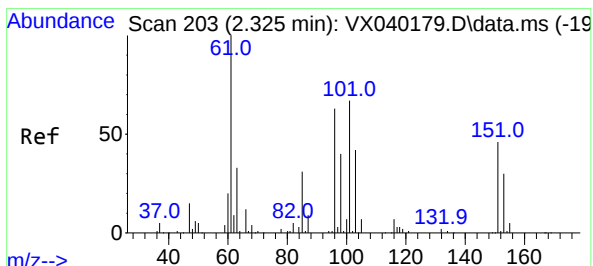
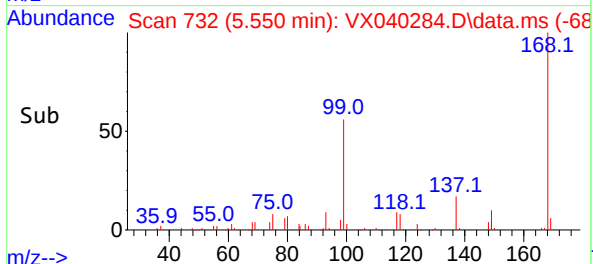
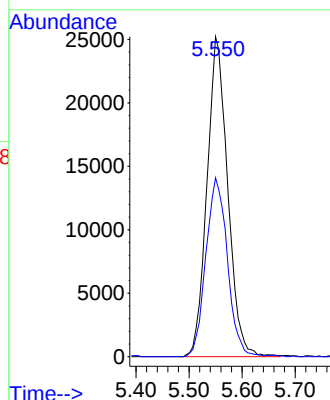
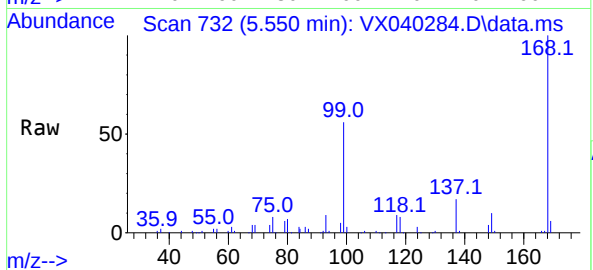




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX040284.D
Acq: 16 Feb 2024 17:25

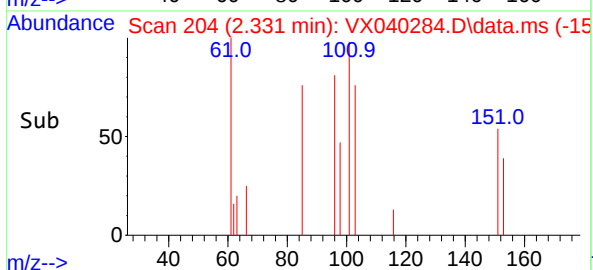
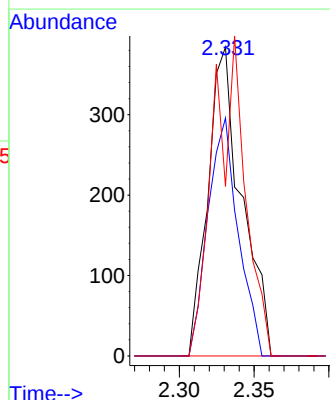
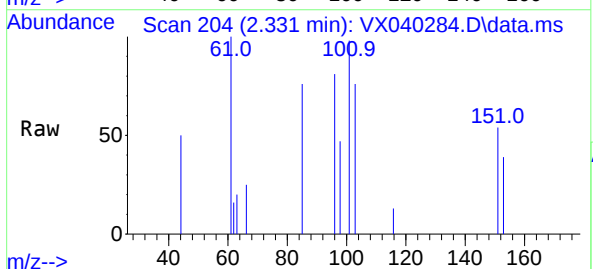
Instrument :
MSVOA_X
ClientSampleId :
RE126D2-20240215

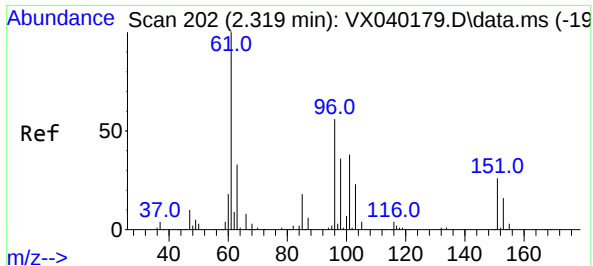
Tgt Ion:168 Resp: 68470
Ion Ratio Lower Upper
168 100
99 55.9 56.6 85.0#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.832 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX040284.D
Acq: 16 Feb 2024 17:25

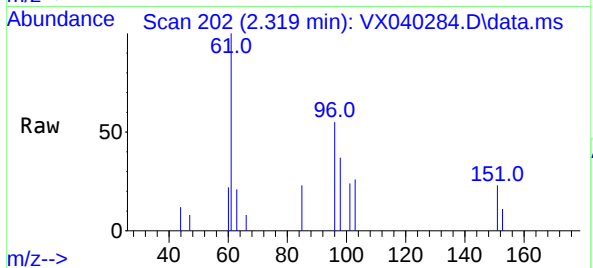
Tgt Ion:101 Resp: 604
Ion Ratio Lower Upper
101 100
85 68.9 37.0 55.6#
151 97.8 58.6 87.8#



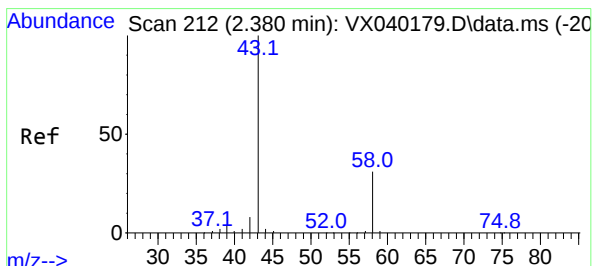
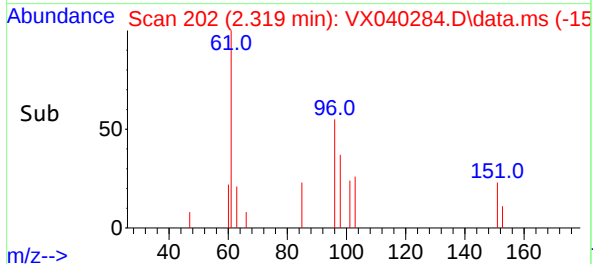
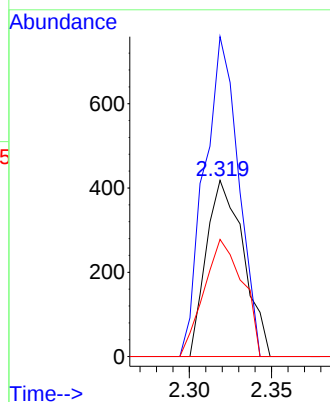


#12
1,1-Dichloroethene
Concen: 0.943 ug/l
RT: 2.319 min Scan# 20
Delta R.T. 0.000 min
Lab File: VX040284.D
Acq: 16 Feb 2024 17:25

Instrument :
MSVOA_X
ClientSampleId :
RE126D2-20240215

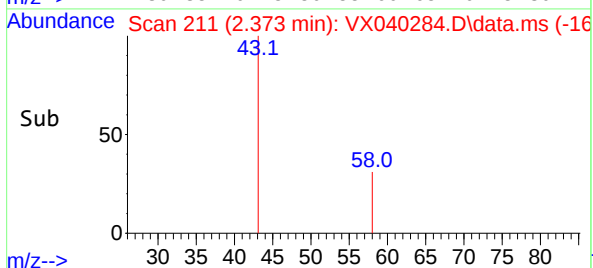
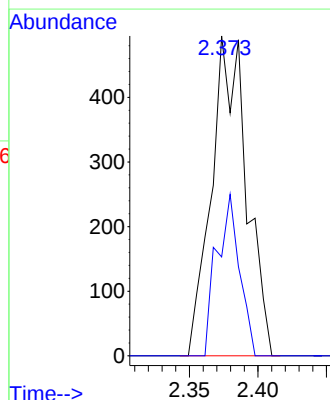
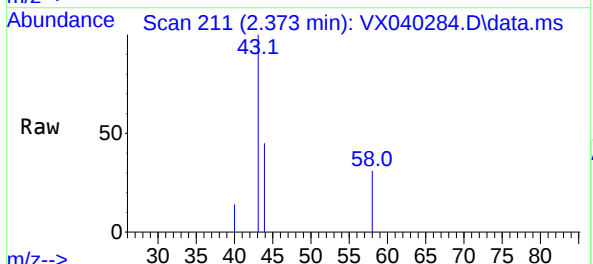


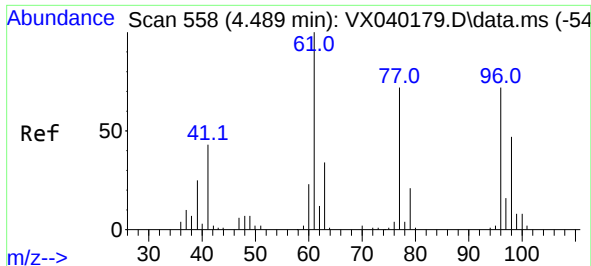
Tgt Ion: 96 Resp: 659
Ion Ratio Lower Upper
96 100
61 181.6 144.6 216.8
98 66.5 50.4 75.6



#16
Acetone
Concen: 2.106 ug/l
RT: 2.373 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX040284.D
Acq: 16 Feb 2024 17:25

Tgt Ion: 43 Resp: 881
Ion Ratio Lower Upper
43 100
58 30.9 21.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 0.612 ug/l

RT: 4.483 min Scan# 557

Delta R.T. -0.006 min

Lab File: VX040284.D

Acq: 16 Feb 2024 17:25

Instrument :

MSVOA_X

ClientSampleId :

RE126D2-20240215

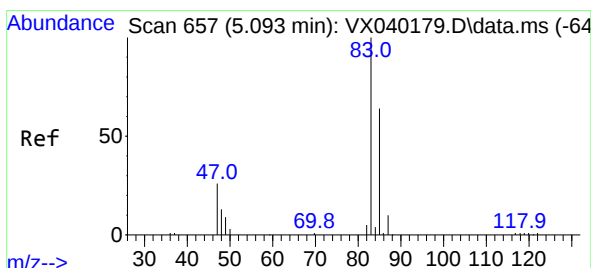
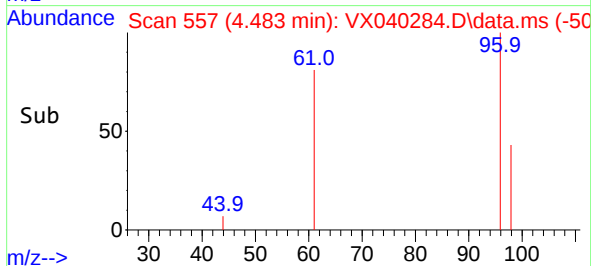
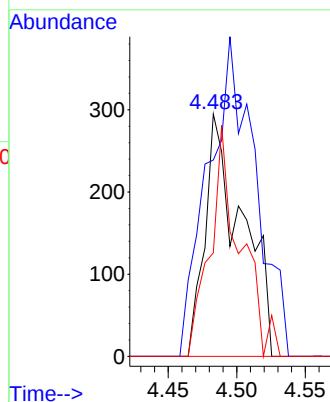
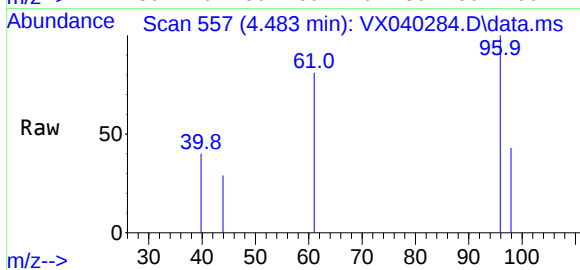
Tgt Ion: 96 Resp: 556

Ion Ratio Lower Upper

96 100

61 166.2 0.0 312.2

98 77.0 0.0 129.0



#30

Chloroform

Concen: 0.331 ug/l

RT: 5.093 min Scan# 657

Delta R.T. -0.006 min

Lab File: VX040284.D

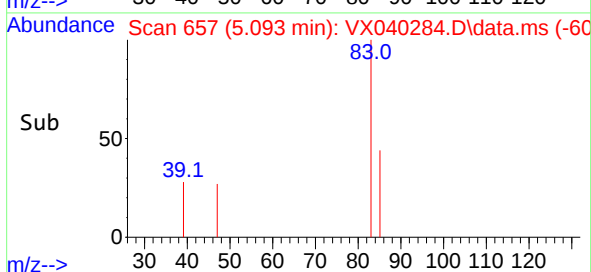
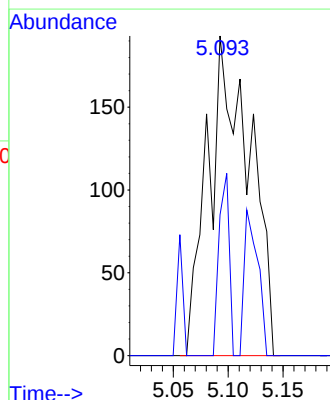
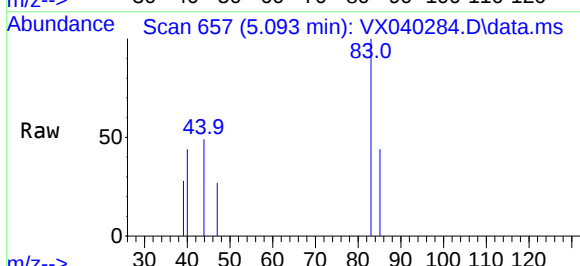
Acq: 16 Feb 2024 17:25

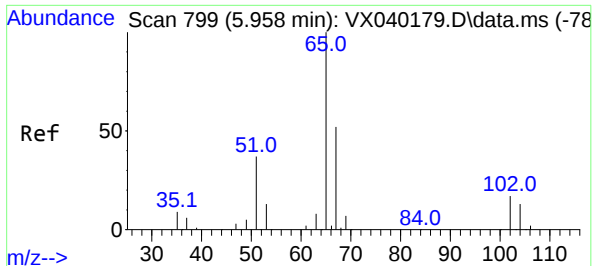
Tgt Ion: 83 Resp: 513

Ion Ratio Lower Upper

83 100

85 44.0 50.3 75.5#

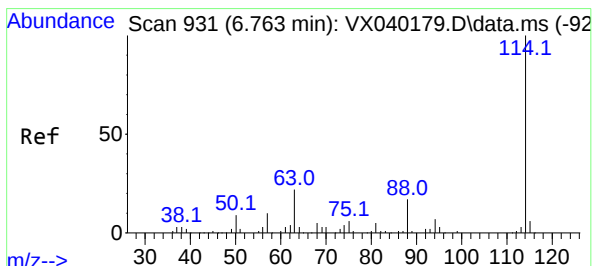
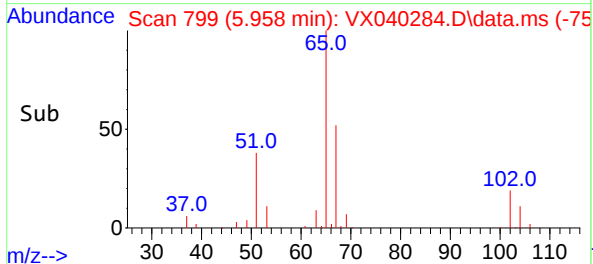
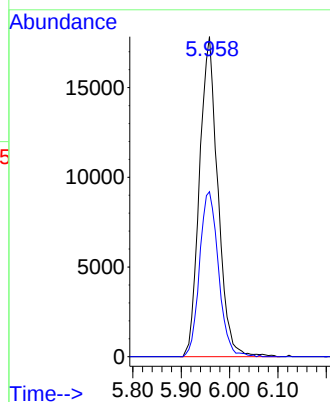
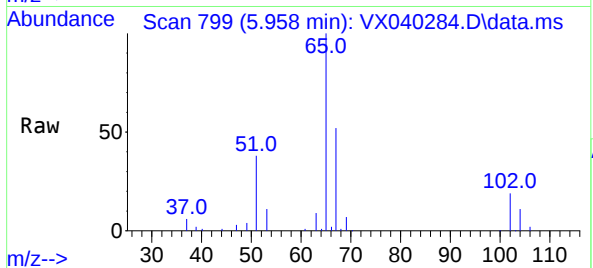




#33
 1,2-Dichloroethane-d4
 Concen: 46.180 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX040284.D
 Acq: 16 Feb 2024 17:25

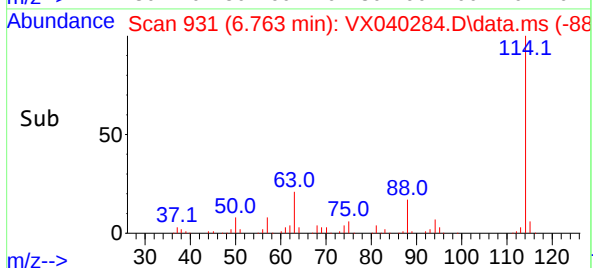
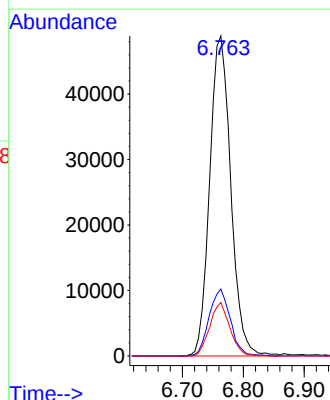
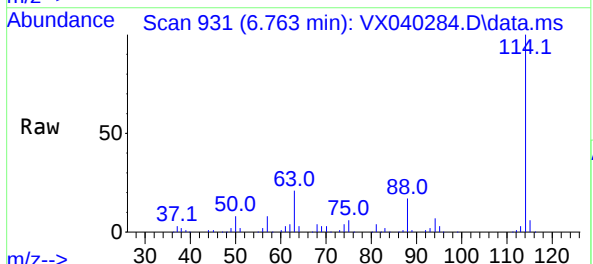
Instrument :
 MSVOA_X
 ClientSampleId :
 RE126D2-20240215

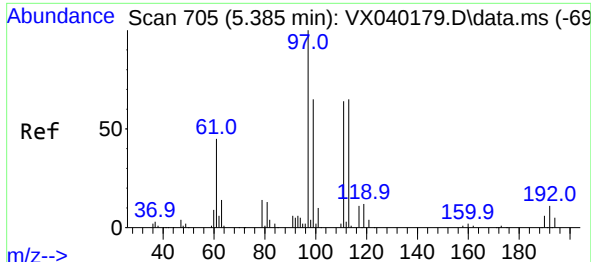
Tgt Ion: 65 Resp: 47040
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX040284.D
 Acq: 16 Feb 2024 17:25

Tgt Ion: 114 Resp: 117600
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 45.0
 88 16.7 0.0 36.6





#35

Dibromofluoromethane

Concen: 46.822 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX040284.D

Acq: 16 Feb 2024 17:25

Instrument :

MSVOA_X

ClientSampleId :

RE126D2-20240215

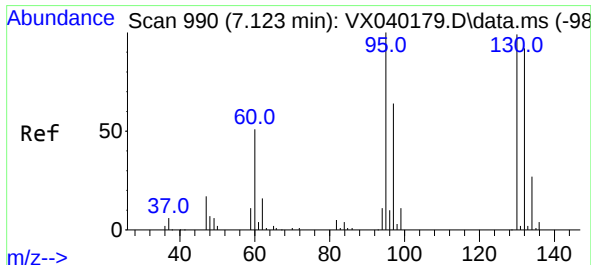
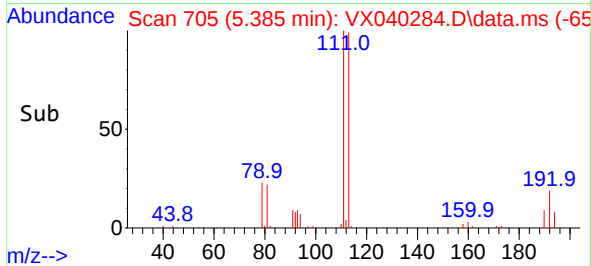
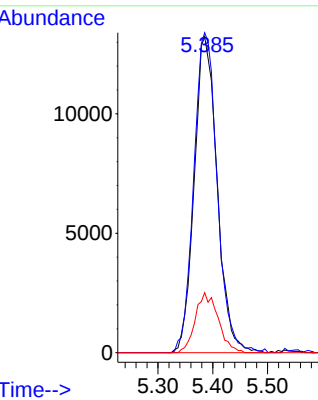
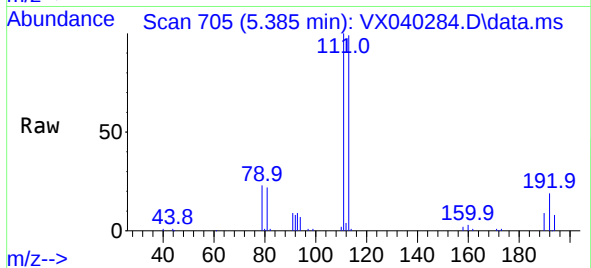
Tgt Ion:113 Resp: 38453

Ion Ratio Lower Upper

113 100

111 103.2 82.9 124.3

192 18.9 13.3 19.9



#44

Trichloroethene

Concen: 342.513 ug/l

RT: 7.123 min Scan# 990

Delta R.T. -0.006 min

Lab File: VX040284.D

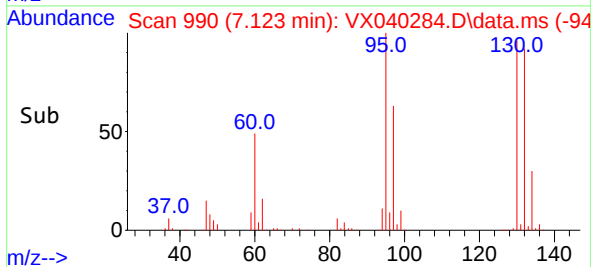
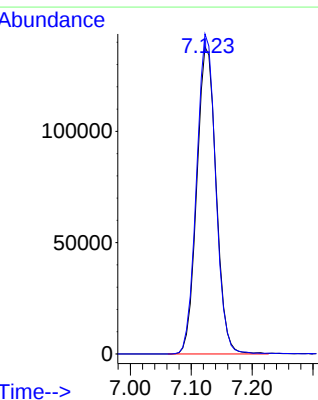
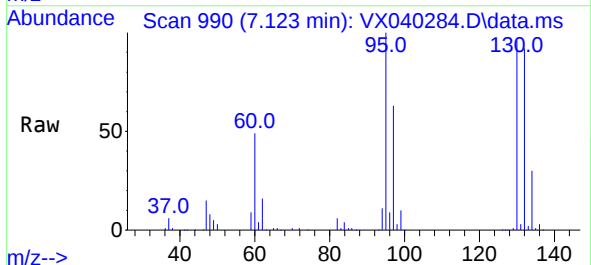
Acq: 16 Feb 2024 17:25

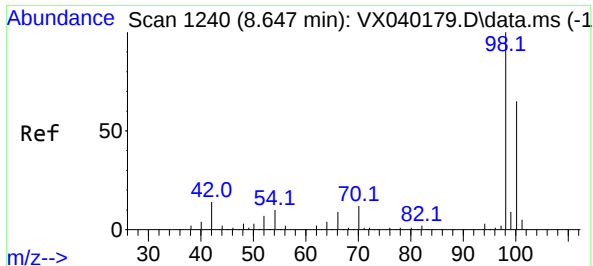
Tgt Ion:130 Resp: 303954

Ion Ratio Lower Upper

130 100

95 104.2 0.0 204.4

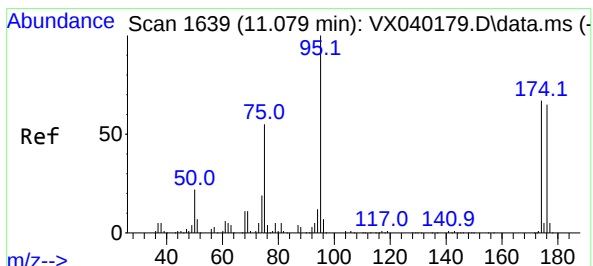
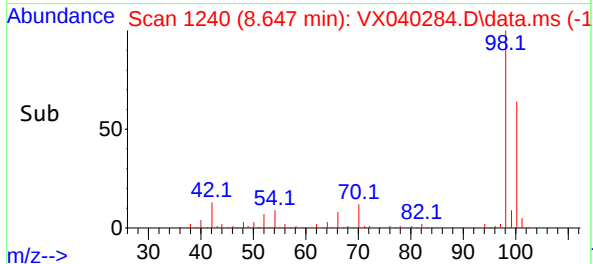
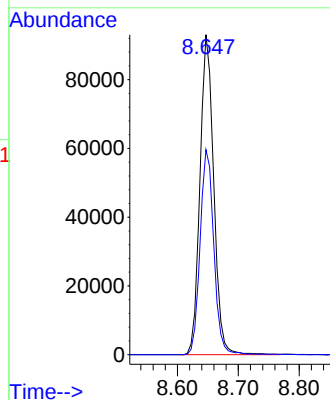
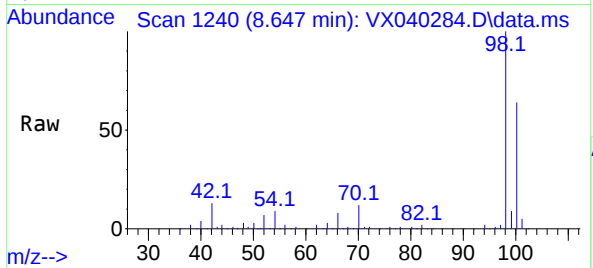




#50
Toluene-d8
Concen: 47.564 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX040284.D
Acq: 16 Feb 2024 17:25

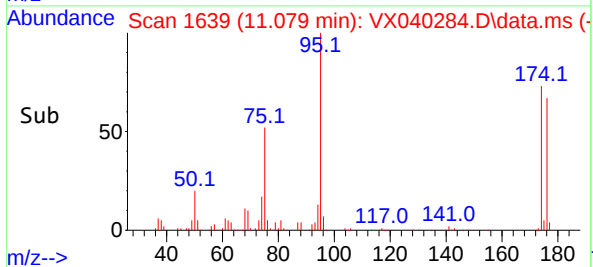
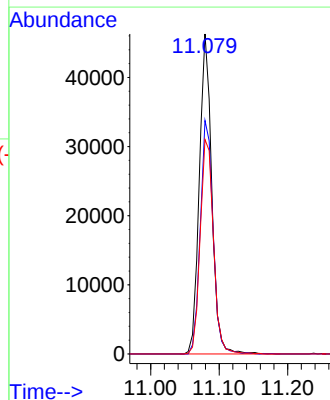
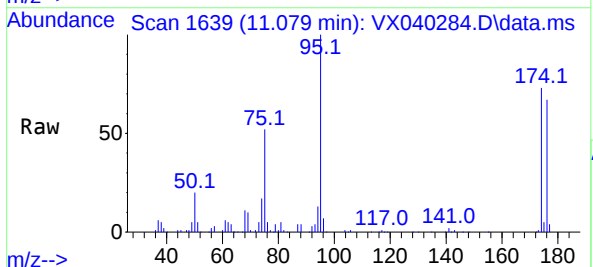
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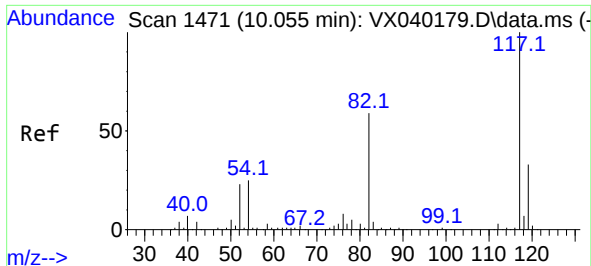
Tgt Ion: 98 Resp: 146121
Ion Ratio Lower Upper
98 100
100 64.0 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 46.638 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040284.D
Acq: 16 Feb 2024 17:25

Tgt Ion: 95 Resp: 58433
Ion Ratio Lower Upper
95 100
174 75.1 0.0 135.6
176 71.5 0.0 131.0

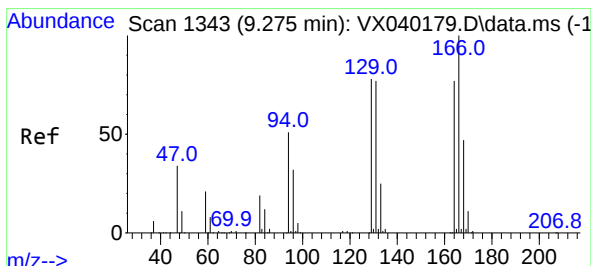
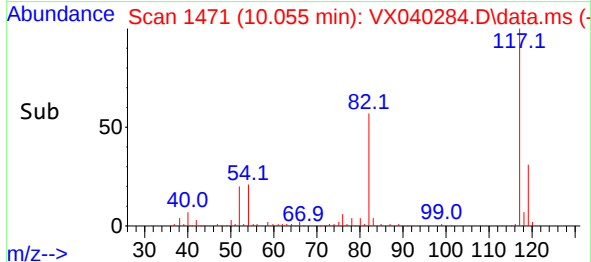
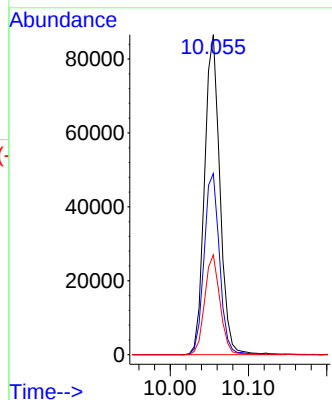
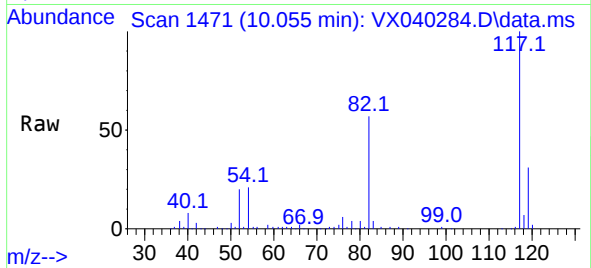




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040284.D
Acq: 16 Feb 2024 17:25

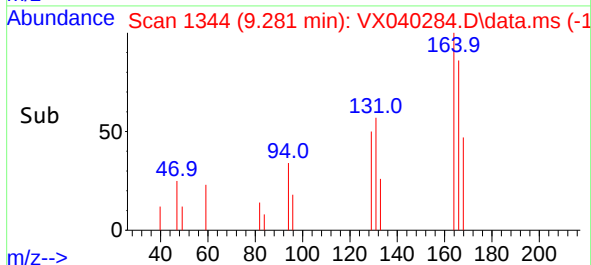
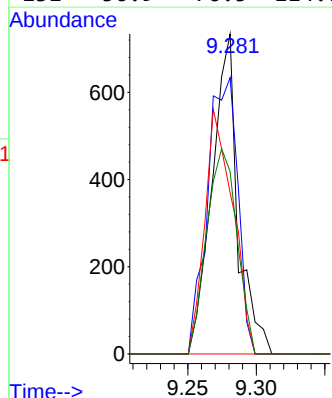
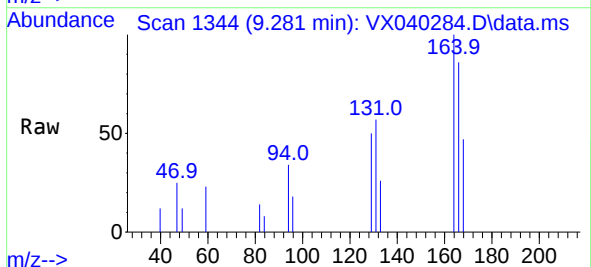
Instrument :
MSVOA_X
ClientSampleId :
RE126D2-20240215

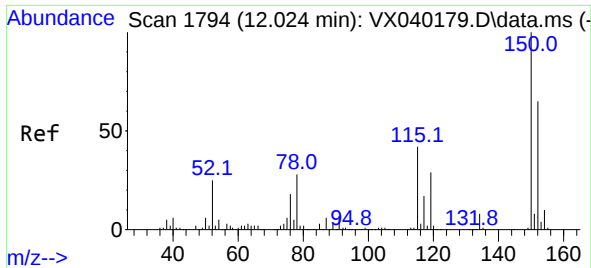
Tgt Ion:117 Resp: 117731
Ion Ratio Lower Upper
117 100
82 56.6 46.2 69.4
119 31.2 25.5 38.3



#64
Tetrachloroethene
Concen: 1.162 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX040284.D
Acq: 16 Feb 2024 17:25

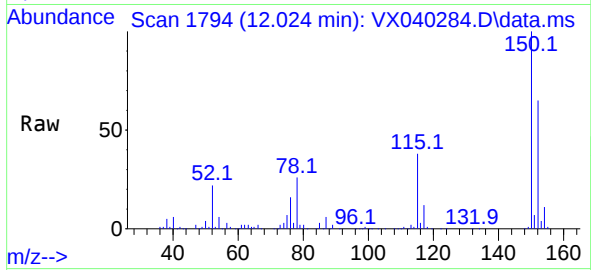
Tgt Ion:164 Resp: 959
Ion Ratio Lower Upper
164 100
166 86.4 102.7 154.1#
129 50.4 80.4 120.6#
131 56.9 76.5 114.7#





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX040284.D
 Acq: 16 Feb 2024 17:25

Instrument :
 MSVOA_X
 ClientSampleId :
 RE126D2-20240215



Tgt Ion:152 Resp: 60300
 Ion Ratio Lower Upper
 152 100
 115 60.2 43.3 129.9
 150 156.2 0.0 345.0

