

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021624\
 Data File : VX040277.D
 Acq On : 16 Feb 2024 14:45
 Operator : JC/MD
 Sample : P1507-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D1-20240214

Quant Time: Feb 17 01:36:28 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)

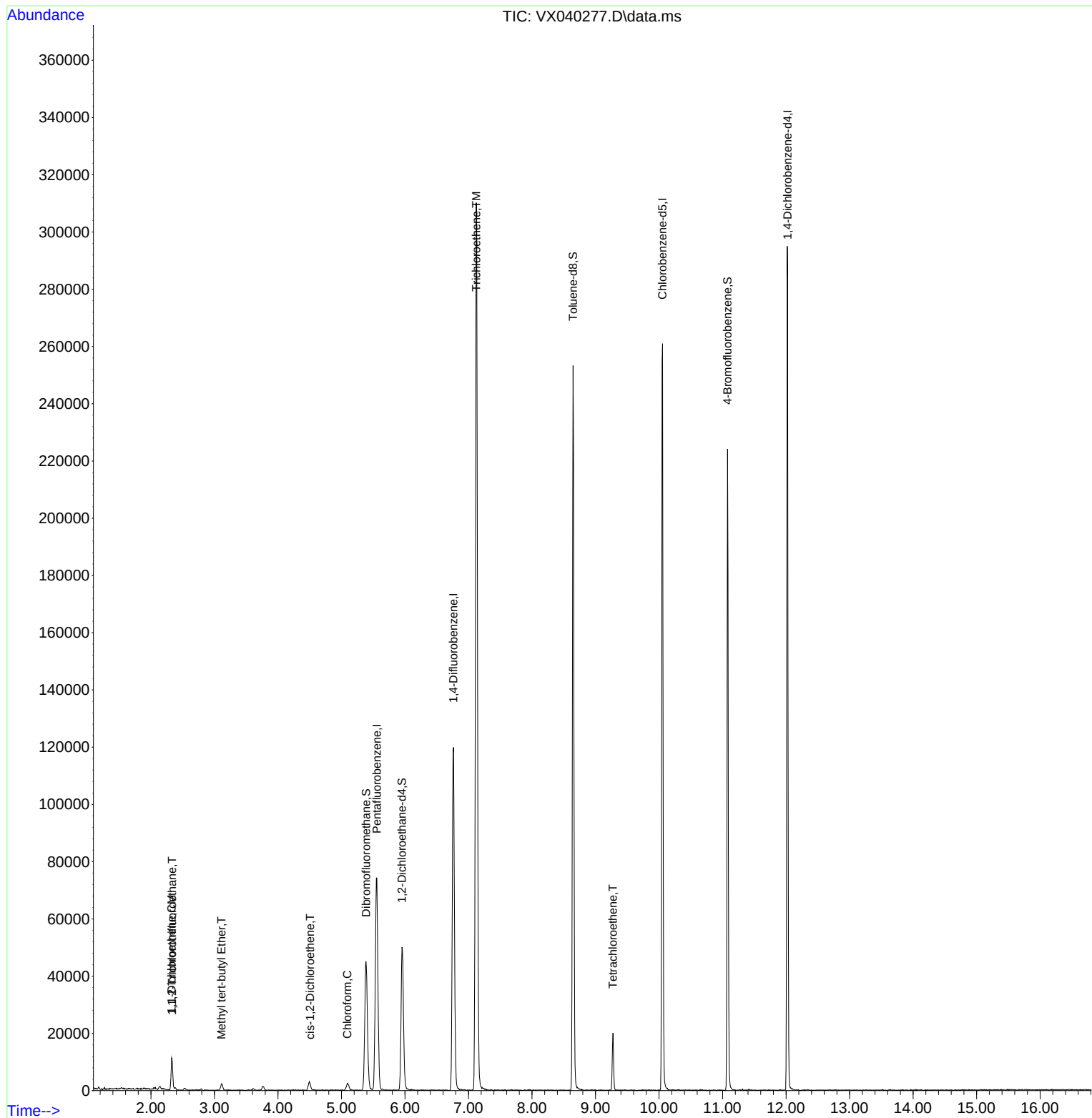
Internal Standards						
1) Pentafluorobenzene	5.556	168	71427	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	120664	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	118968	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	61169	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	48441	45.586	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.180%
35) Dibromofluoromethane	5.385	113	40106	47.595	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.180%
50) Toluene-d8	8.647	98	148978	47.263	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.520%
62) 4-Bromofluorobenzene	11.079	95	58187	45.262	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.520%
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.331	101	3720	4.912	ug/l	95
12) 1,1-Dichloroethene	2.325	96	612	0.839	ug/l	# 63
19) Methyl tert-butyl Ether	3.111	73	2543	0.990	ug/l	93
27) cis-1,2-Dichloroethene	4.507	96	2027	2.139	ug/l	76
30) Chloroform	5.093	83	3085	1.909	ug/l	93
44) Trichloroethene	7.123	130	116564	128.016	ug/l	98
64) Tetrachloroethene	9.275	164	3622	4.345	ug/l	89

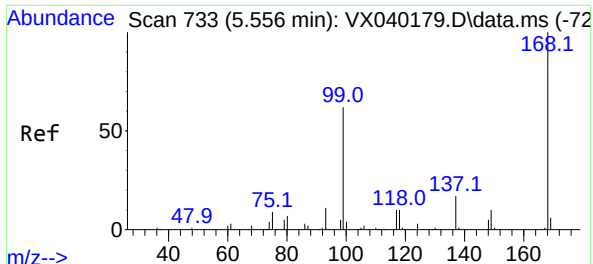
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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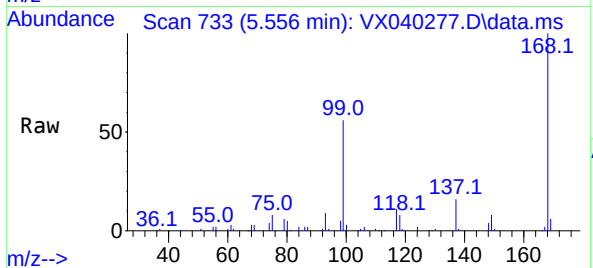
Quant Time: Feb 17 01:36:28 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
Quant Title : SW846 8260
QLast Update : Mon Feb 12 00:21:14 2024
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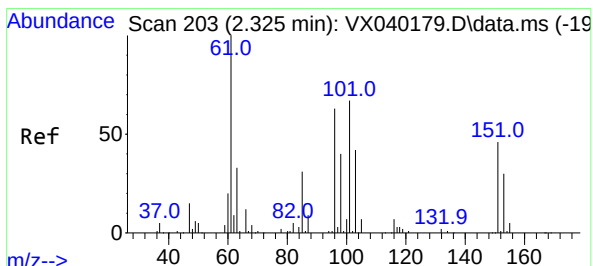
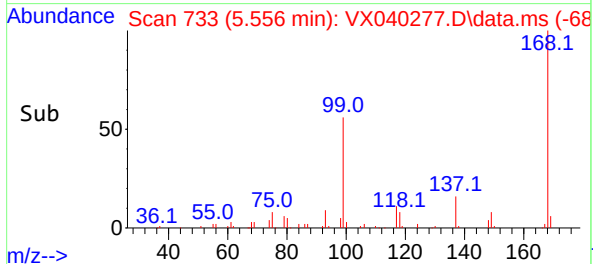
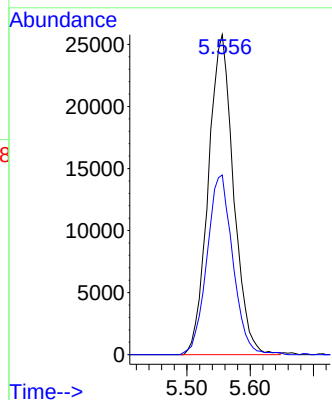


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX040277.D
Acq: 16 Feb 2024 14:45

Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20240214

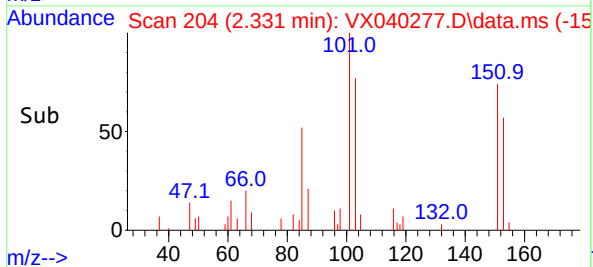
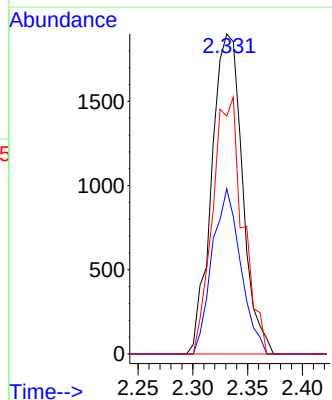
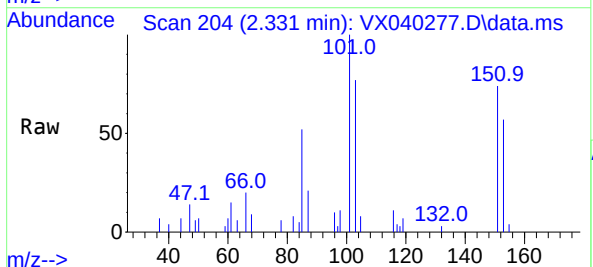


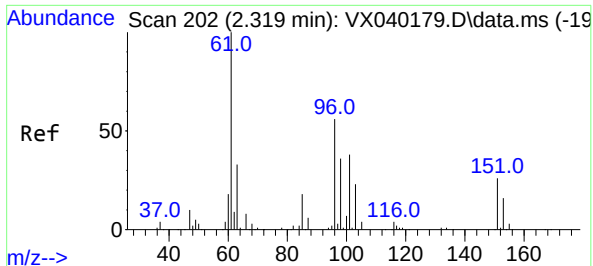
Tgt Ion:168 Resp: 71427
Ion Ratio Lower Upper
168 100
99 56.2 56.6 85.0#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.912 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX040277.D
Acq: 16 Feb 2024 14:45

Tgt Ion:101 Resp: 3720
Ion Ratio Lower Upper
101 100
85 47.7 37.0 55.6
151 78.5 58.6 87.8

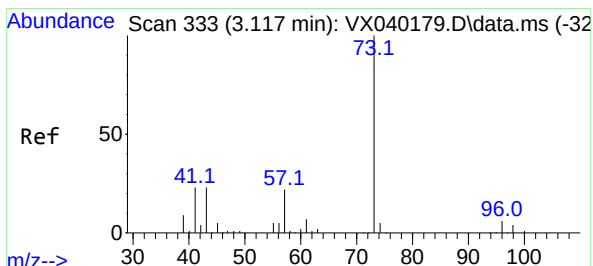
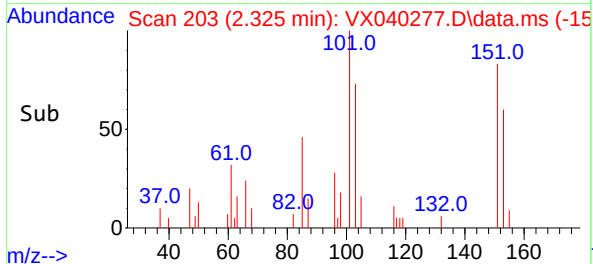
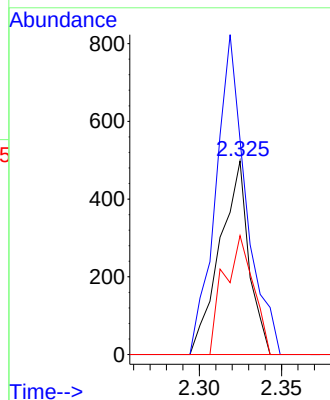
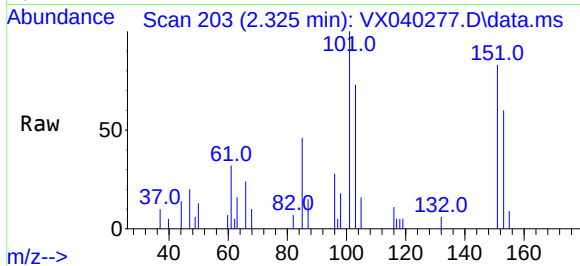




#12
1,1-Dichloroethene
Concen: 0.839 ug/l
RT: 2.325 min Scan# 202
Delta R.T. 0.006 min
Lab File: VX040277.D
Acq: 16 Feb 2024 14:45

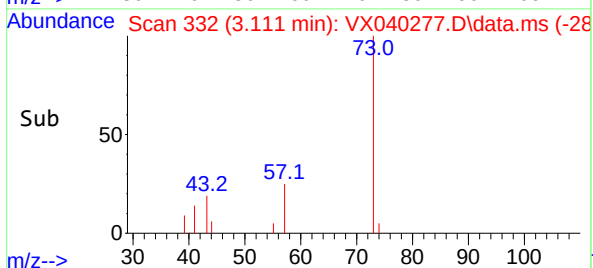
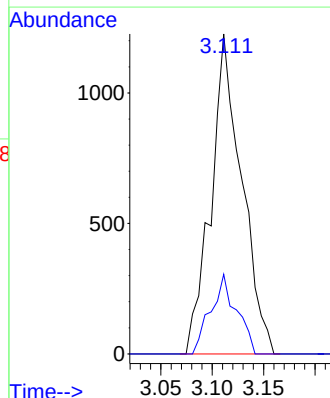
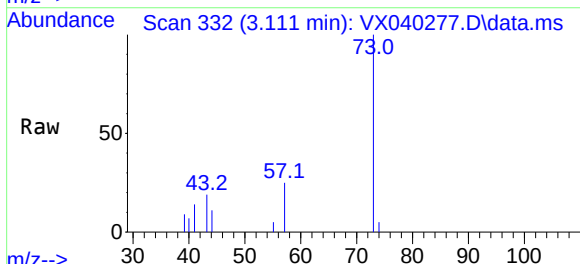
Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20240214

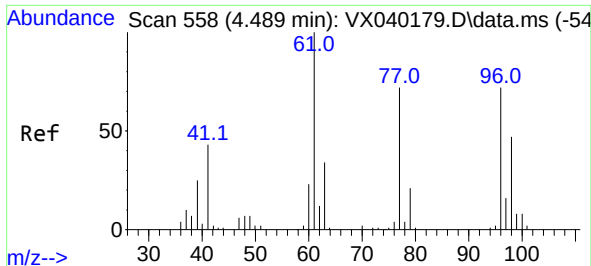
Tgt Ion: 96 Resp: 612
Ion Ratio Lower Upper
96 100
61 111.0 144.6 216.8#
98 61.4 50.4 75.6



#19
Methyl tert-butyl Ether
Concen: 0.990 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.006 min
Lab File: VX040277.D
Acq: 16 Feb 2024 14:45

Tgt Ion: 73 Resp: 2543
Ion Ratio Lower Upper
73 100
57 24.9 17.3 25.9





#27

cis-1,2-Dichloroethene

Concen: 2.139 ug/l

RT: 4.507 min Scan# 5

Delta R.T. 0.018 min

Lab File: VX040277.D

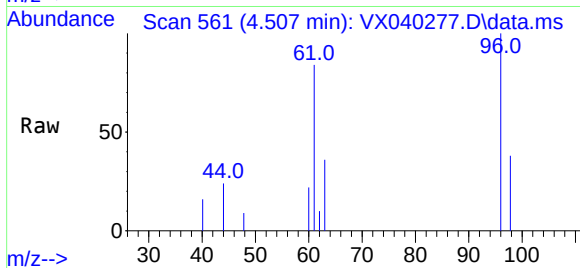
Acq: 16 Feb 2024 14:45

Instrument :

MSVOA_X

ClientSampleId :

RE132D1-20240214



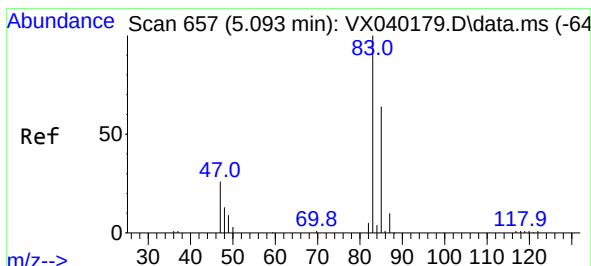
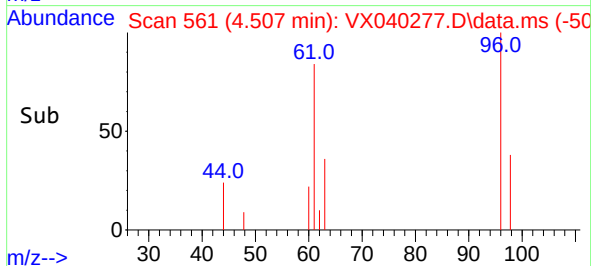
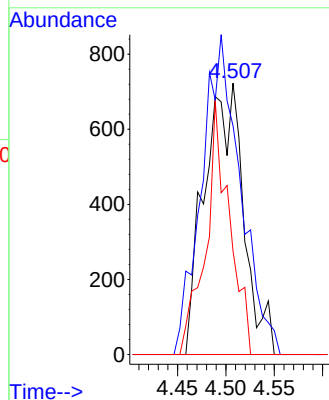
Tgt Ion: 96 Resp: 2027

Ion Ratio Lower Upper

96 100

61 117.0 0.0 312.2

98 56.8 0.0 129.0



#30

Chloroform

Concen: 1.909 ug/l

RT: 5.093 min Scan# 657

Delta R.T. -0.006 min

Lab File: VX040277.D

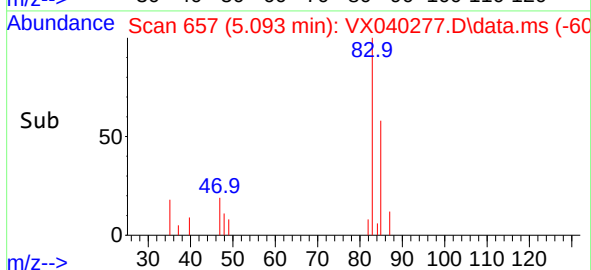
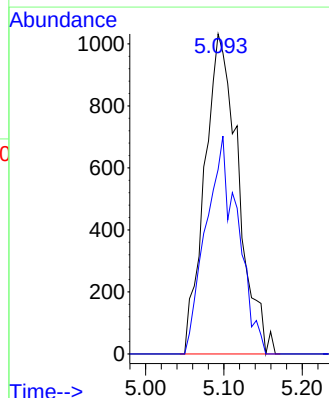
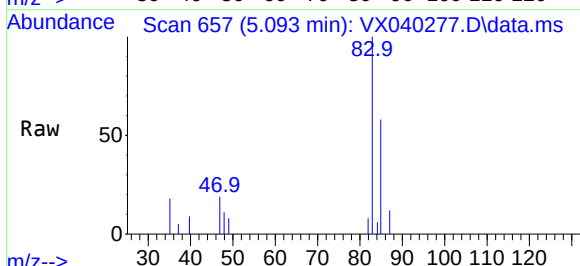
Acq: 16 Feb 2024 14:45

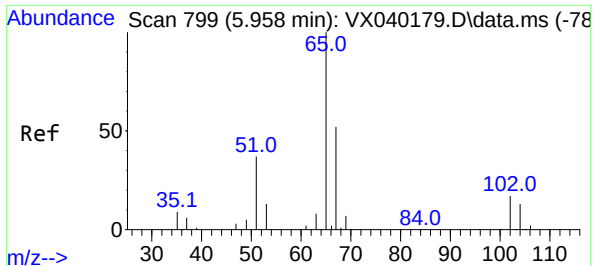
Tgt Ion: 83 Resp: 3085

Ion Ratio Lower Upper

83 100

85 57.7 50.3 75.5





#33

1,2-Dichloroethane-d4

Concen: 45.586 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX040277.D

Acq: 16 Feb 2024 14:45

Instrument :

MSVOA_X

ClientSampleId :

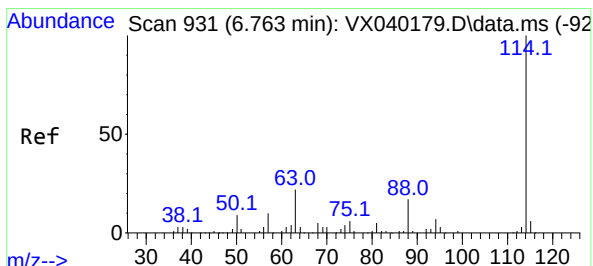
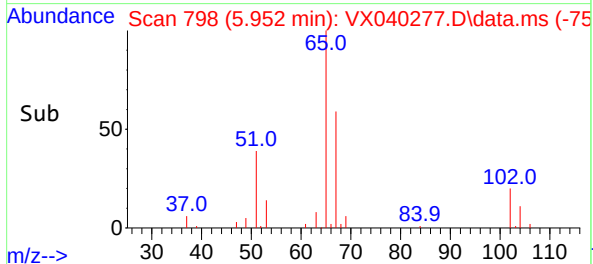
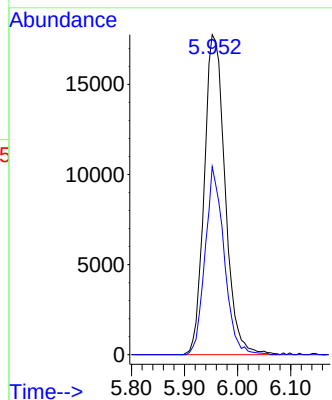
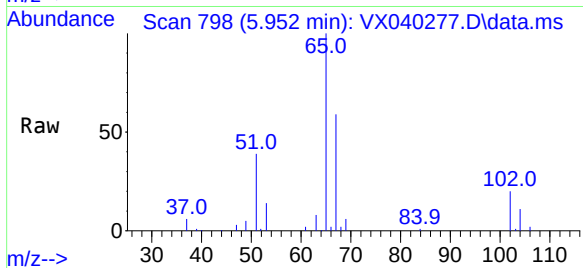
RE132D1-20240214

Tgt Ion: 65 Resp: 48441

Ion Ratio Lower Upper

65 100

67 53.6 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: VX040277.D

Acq: 16 Feb 2024 14:45

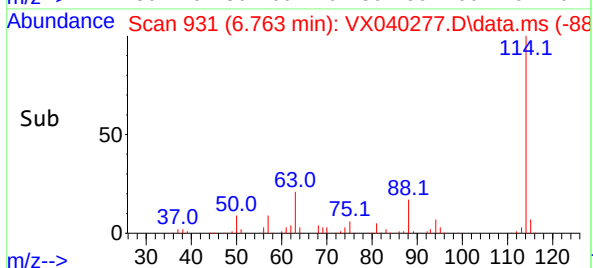
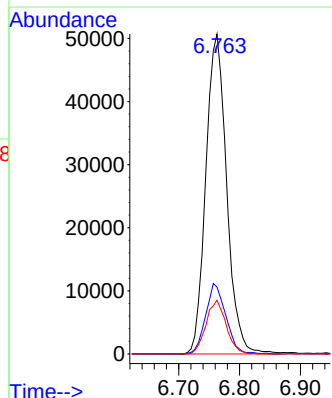
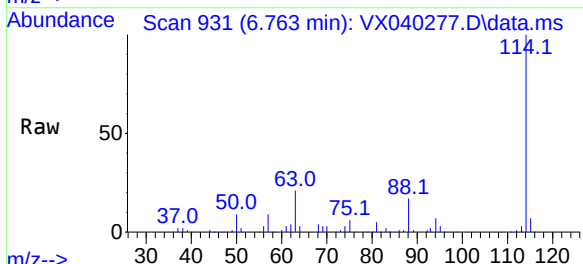
Tgt Ion: 114 Resp: 120664

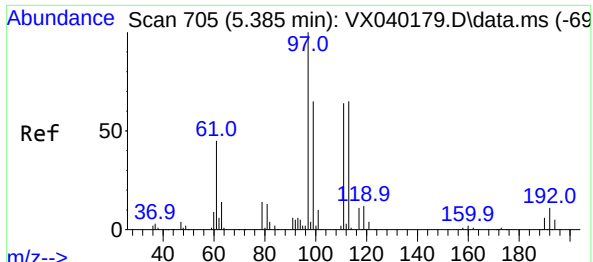
Ion Ratio Lower Upper

114 100

63 20.8 0.0 45.0

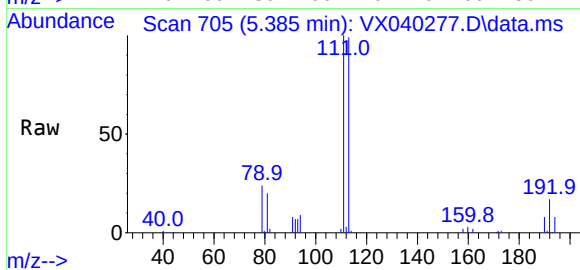
88 16.8 0.0 36.6



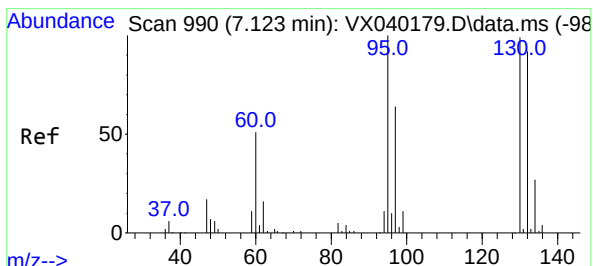
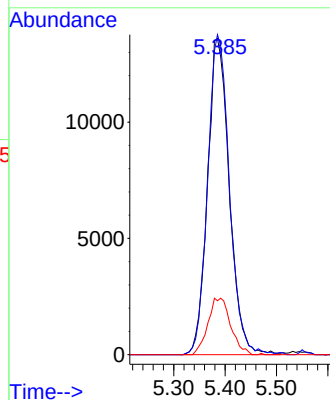
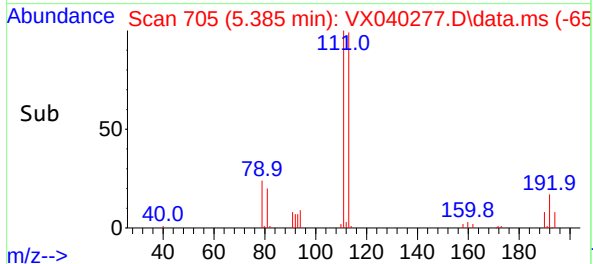


#35
Dibromofluoromethane
Concen: 47.595 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040277.D
Acq: 16 Feb 2024 14:45

Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20240214

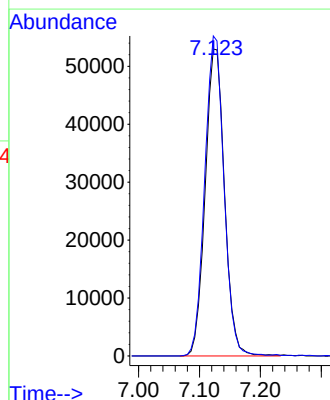
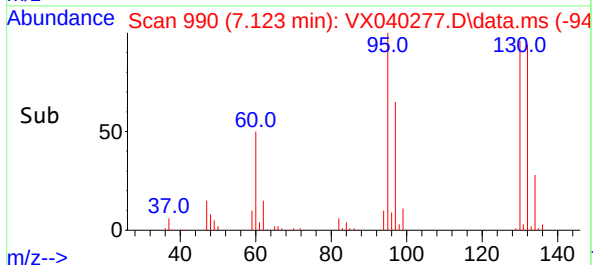
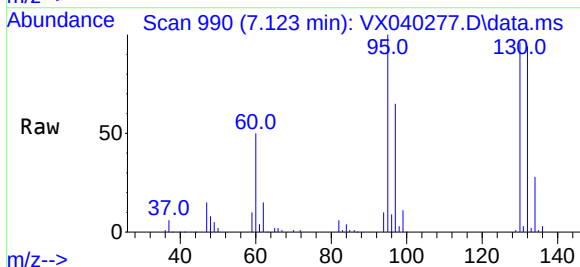


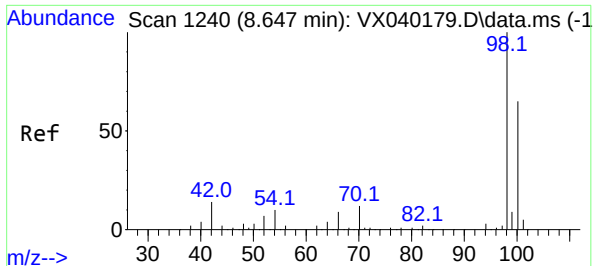
Tgt Ion:113 Resp: 40106
Ion Ratio Lower Upper
113 100
111 101.0 82.9 124.3
192 18.6 13.3 19.9



#44
Trichloroethene
Concen: 128.016 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX040277.D
Acq: 16 Feb 2024 14:45

Tgt Ion:130 Resp: 116564
Ion Ratio Lower Upper
130 100
95 104.3 0.0 204.4

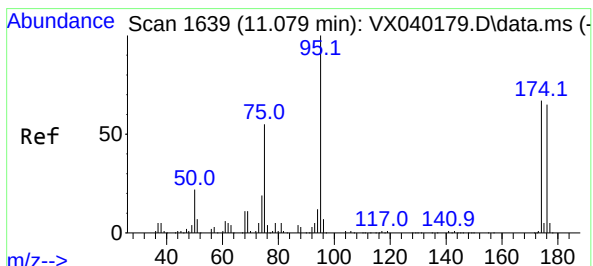
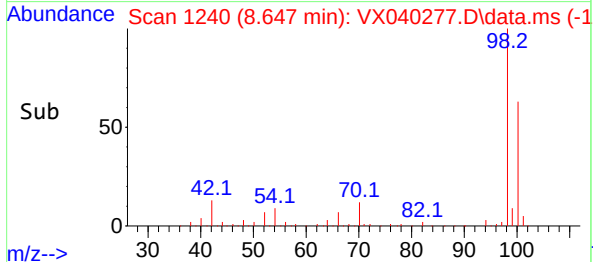
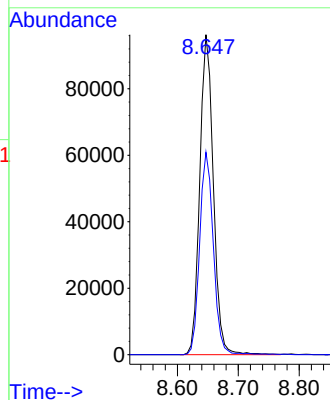
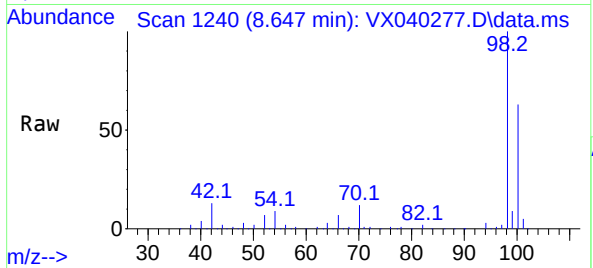




#50
Toluene-d8
Concen: 47.263 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX040277.D
Acq: 16 Feb 2024 14:45

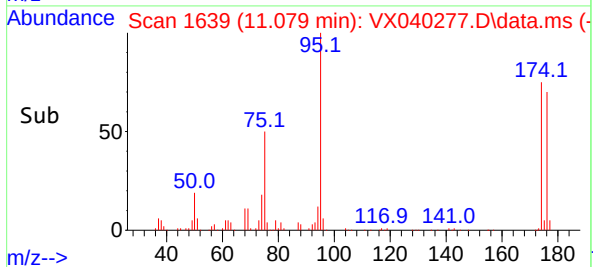
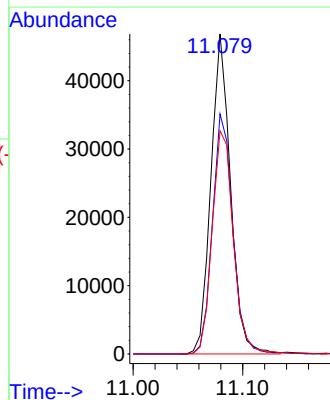
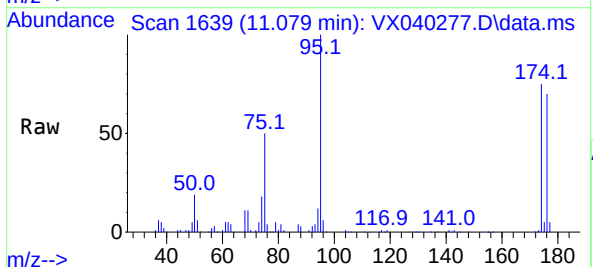
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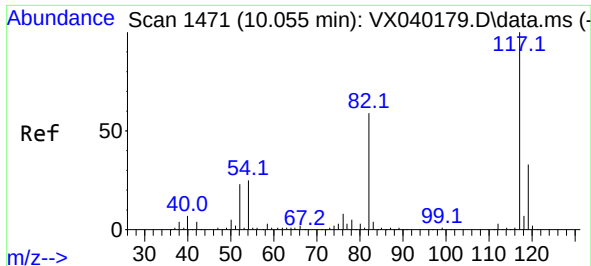
Tgt Ion: 98 Resp: 148978
Ion Ratio Lower Upper
98 100
100 63.7 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 45.262 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040277.D
Acq: 16 Feb 2024 14:45

Tgt Ion: 95 Resp: 58187
Ion Ratio Lower Upper
95 100
174 78.1 0.0 135.6
176 74.9 0.0 131.0

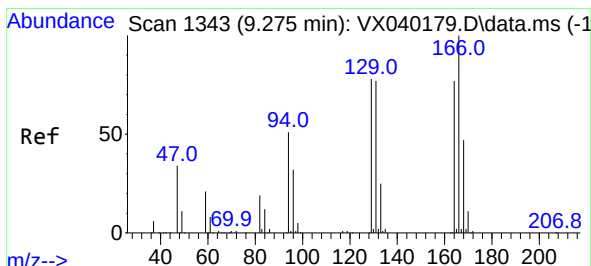
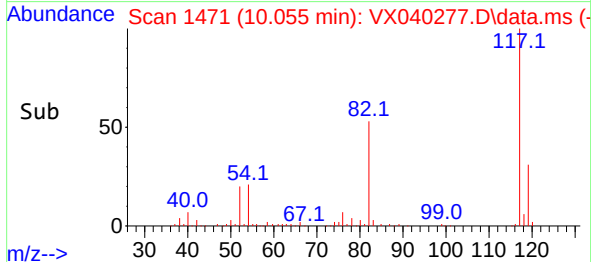
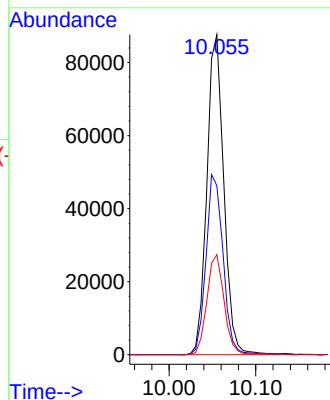
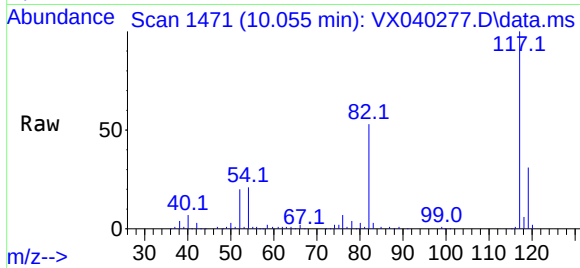




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040277.D
Acq: 16 Feb 2024 14:45

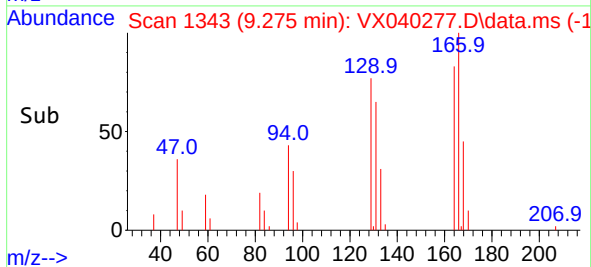
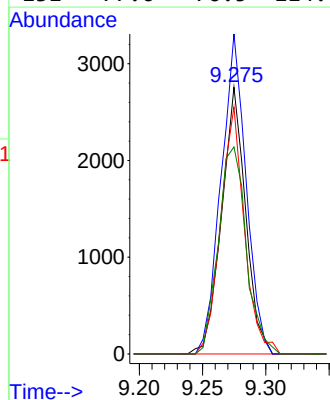
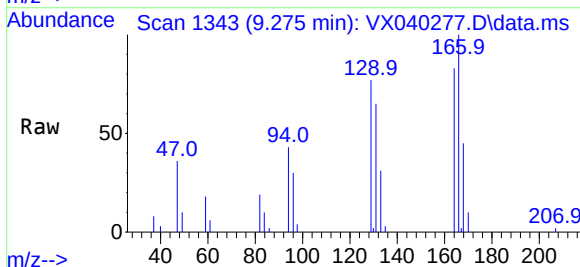
Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20240214

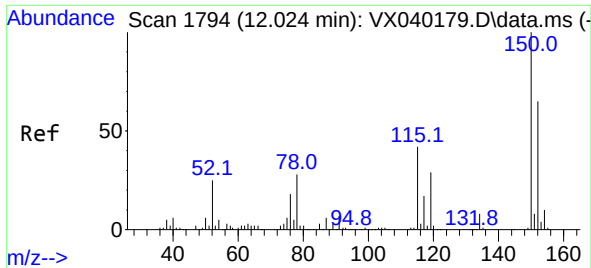
Tgt Ion:117 Resp: 118968
Ion Ratio Lower Upper
117 100
82 52.8 46.2 69.4
119 31.3 25.5 38.3



#64
Tetrachloroethene
Concen: 4.345 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX040277.D
Acq: 16 Feb 2024 14:45

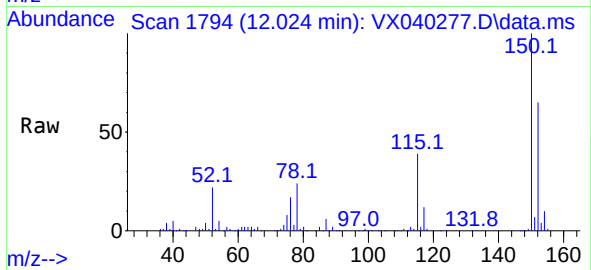
Tgt Ion:164 Resp: 3622
Ion Ratio Lower Upper
164 100
166 120.0 102.7 154.1
129 92.6 80.4 120.6
131 77.6 76.5 114.7





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX040277.D
Acq: 16 Feb 2024 14:45

Instrument :
MSVOA_X
ClientSampleId :
RE132D1-20240214



Tgt Ion:152 Resp: 61169
Ion Ratio Lower Upper
152 100
115 60.4 43.3 129.9
150 156.2 0.0 345.0

