

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021624\
 Data File : VX040280.D
 Acq On : 16 Feb 2024 15:54
 Operator : JC/MD
 Sample : P1507-13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D3-20240214

Quant Time: Feb 17 01:37:49 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)

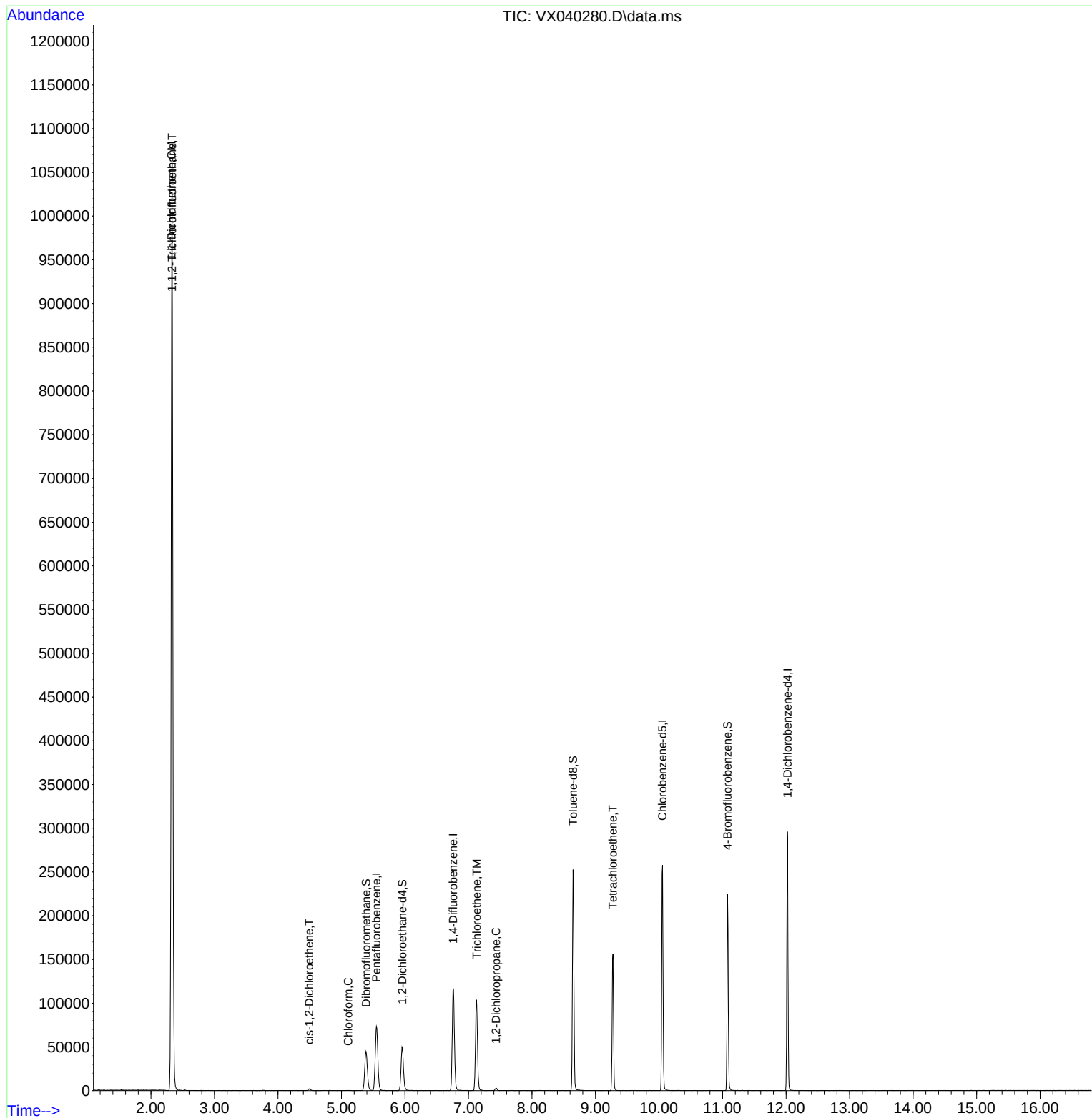
Internal Standards						
1) Pentafluorobenzene	5.550	168	70311	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	120485	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	118105	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	60999	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	48107	45.991	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.980%
35) Dibromofluoromethane	5.385	113	39935	47.462	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.920%
50) Toluene-d8	8.647	98	146748	46.625	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.240%
62) 4-Bromofluorobenzene	11.079	95	58300	45.417	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.840%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.331	101	391484	525.085	ug/l	98
12) 1,1-Dichloroethene	2.325	96	2794	3.892	ug/l #	69
27) cis-1,2-Dichloroethene	4.489	96	1144	1.227	ug/l	83
30) Chloroform	5.105	83	411	0.258	ug/l #	58
44) Trichloroethene	7.129	130	39103	43.008	ug/l	98
45) 1,2-Dichloropropane	7.433	63	1266	1.476	ug/l	91
64) Tetrachloroethene	9.275	164	28976	35.010	ug/l	98

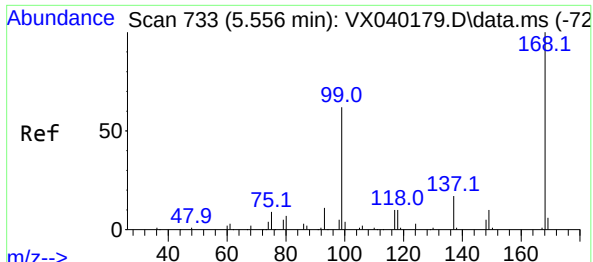
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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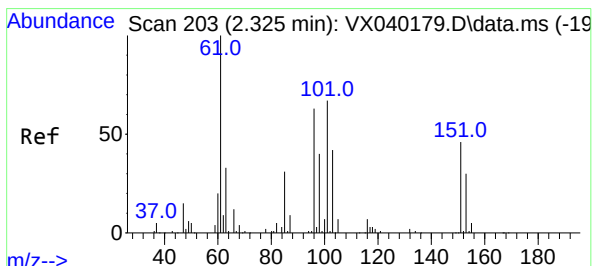
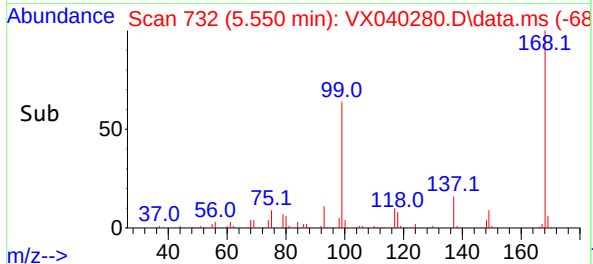
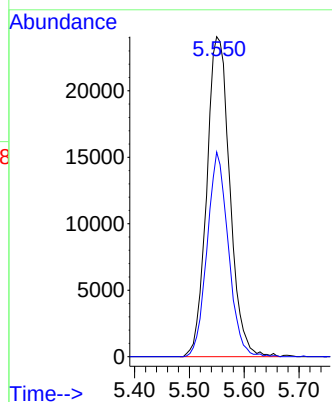
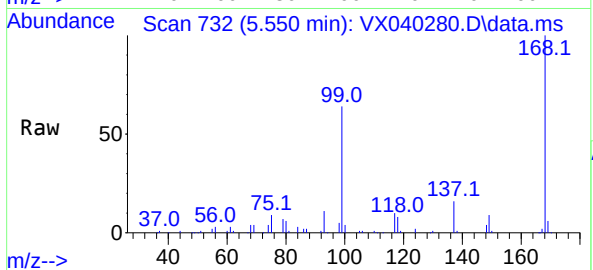




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX040280.D
Acq: 16 Feb 2024 15:54

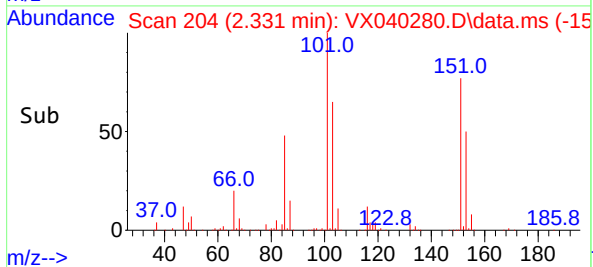
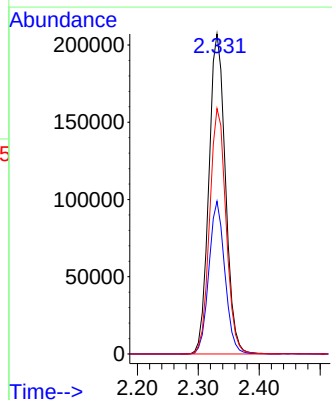
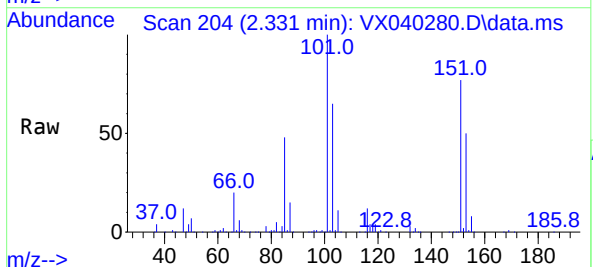
Instrument :
MSVOA_X
ClientSampleId :
RE131D3-20240214

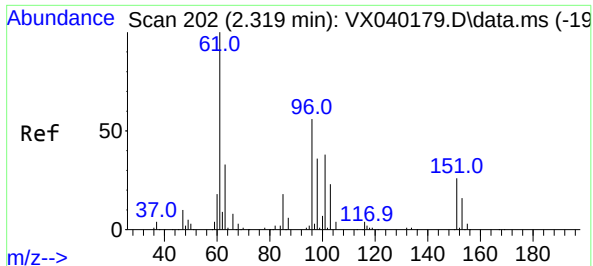
Tgt Ion:168 Resp: 70311
Ion Ratio Lower Upper
168 100
99 63.9 56.6 85.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 525.085 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX040280.D
Acq: 16 Feb 2024 15:54

Tgt Ion:101 Resp: 391484
Ion Ratio Lower Upper
101 100
85 46.0 37.0 55.6
151 76.1 58.6 87.8

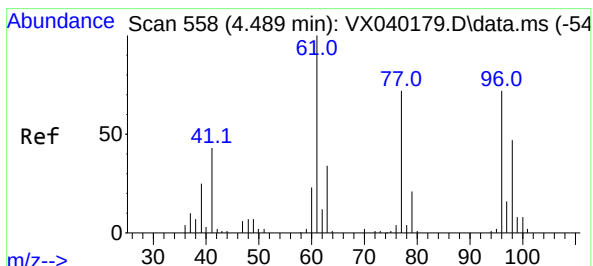
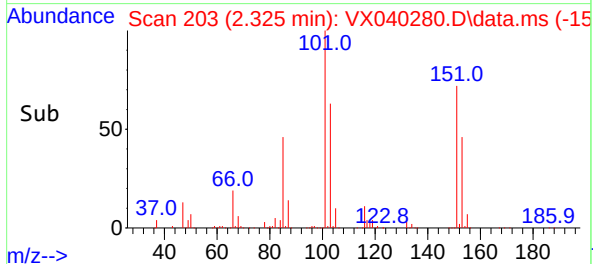
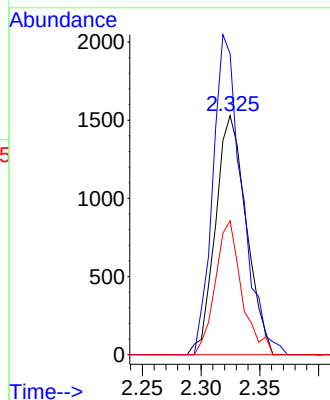
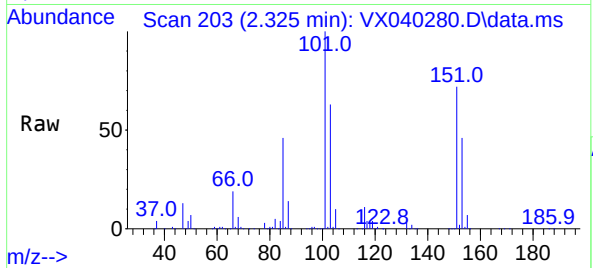




#12
1,1-Dichloroethene
Concen: 3.892 ug/l
RT: 2.325 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX040280.D
Acq: 16 Feb 2024 15:54

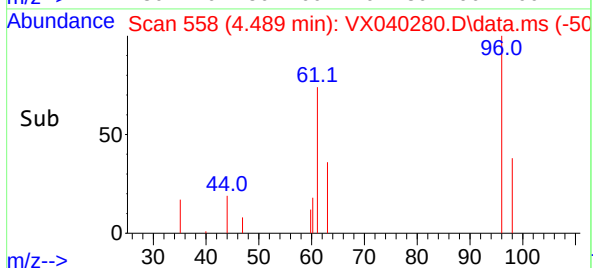
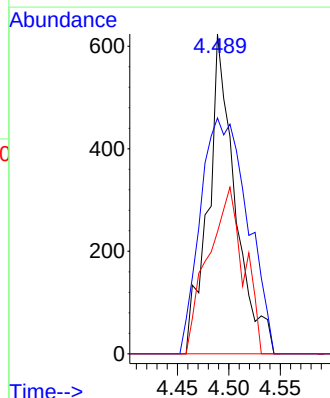
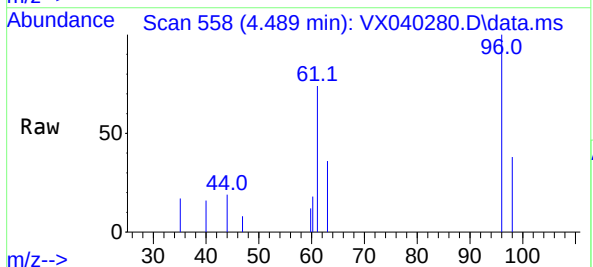
Instrument :
MSVOA_X
ClientSampleId :
RE131D3-20240214

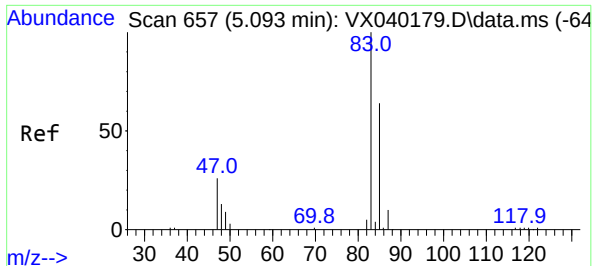
Tgt Ion: 96 Resp: 2794
Ion Ratio Lower Upper
96 100
61 125.8 144.6 216.8#
98 56.0 50.4 75.6



#27
cis-1,2-Dichloroethene
Concen: 1.227 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.000 min
Lab File: VX040280.D
Acq: 16 Feb 2024 15:54

Tgt Ion: 96 Resp: 1144
Ion Ratio Lower Upper
96 100
61 128.1 0.0 312.2
98 68.4 0.0 129.0





#30

Chloroform

Concen: 0.258 ug/l

RT: 5.105 min Scan# 61

Delta R.T. 0.006 min

Lab File: VX040280.D

Acq: 16 Feb 2024 15:54

Instrument :

MSVOA_X

ClientSampleId :

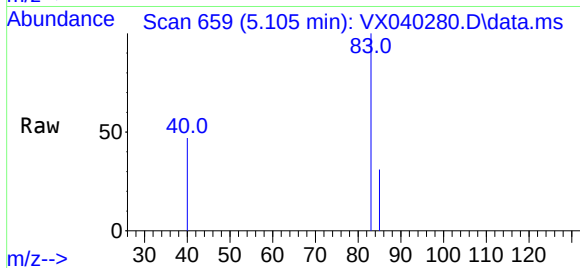
RE131D3-20240214

Tgt Ion: 83 Resp: 411

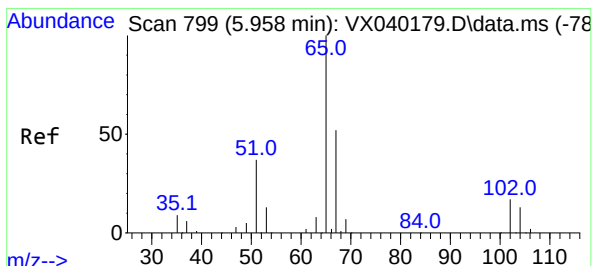
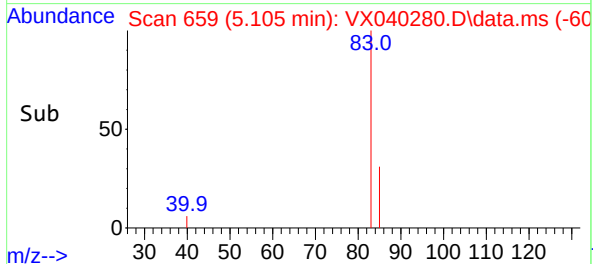
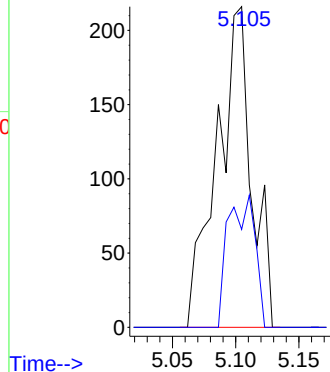
Ion Ratio Lower Upper

83 100

85 30.6 50.3 75.5#



Abundance



#33

1,2-Dichloroethane-d4

Concen: 45.991 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX040280.D

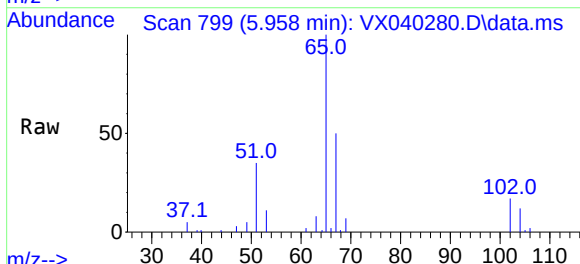
Acq: 16 Feb 2024 15:54

Tgt Ion: 65 Resp: 48107

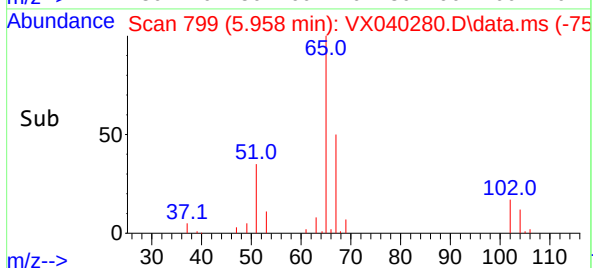
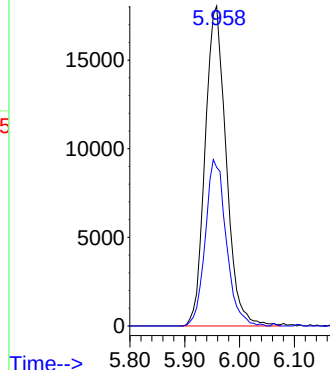
Ion Ratio Lower Upper

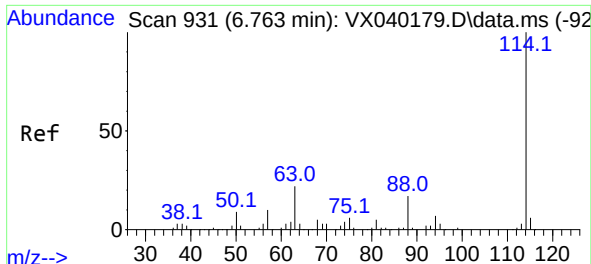
65 100

67 51.7 0.0 100.2



Abundance





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 91

Delta R.T. -0.006 min

Lab File: VX040280.D

Acq: 16 Feb 2024 15:54

Instrument :

MSVOA_X

ClientSampleId :

RE131D3-20240214

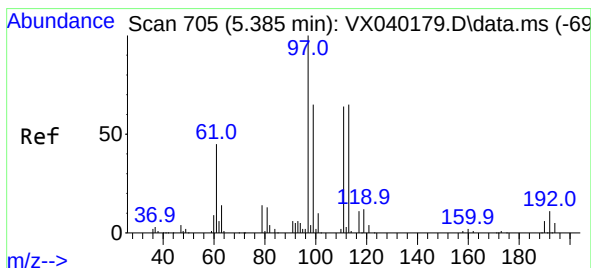
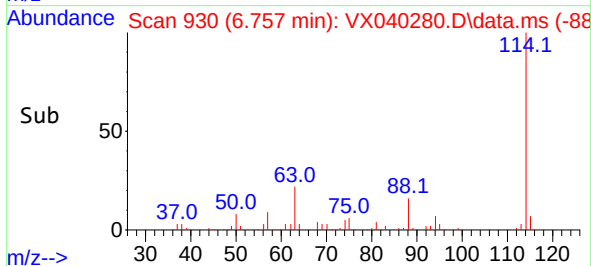
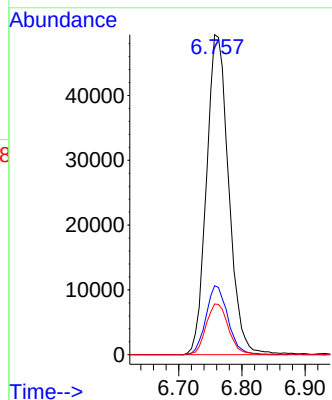
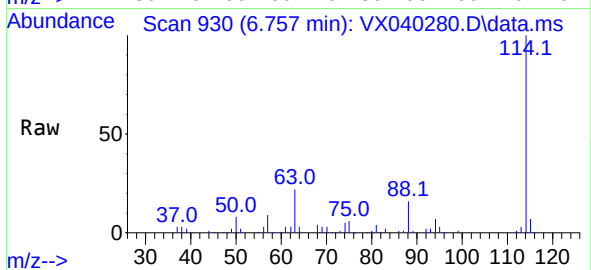
Tgt Ion:114 Resp: 120485

Ion Ratio Lower Upper

114 100

63 21.5 0.0 45.0

88 15.9 0.0 36.6



#35

Dibromofluoromethane

Concen: 47.462 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX040280.D

Acq: 16 Feb 2024 15:54

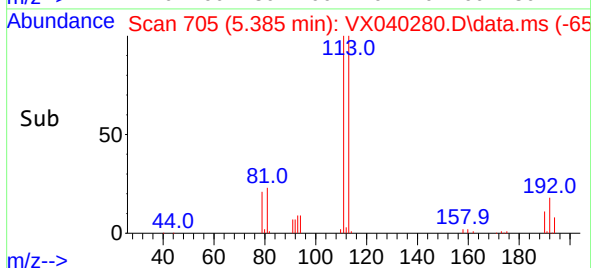
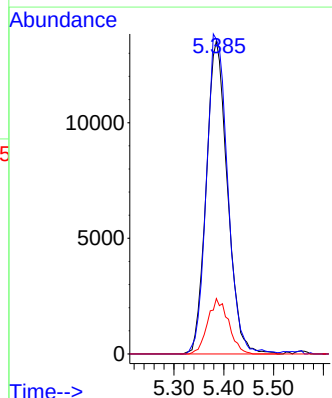
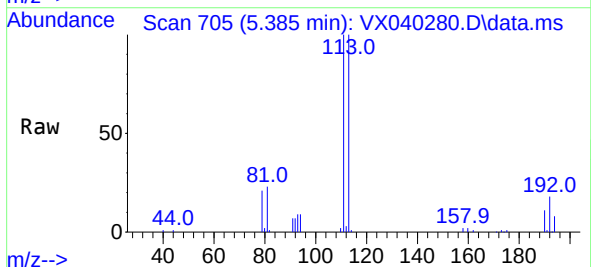
Tgt Ion:113 Resp: 39935

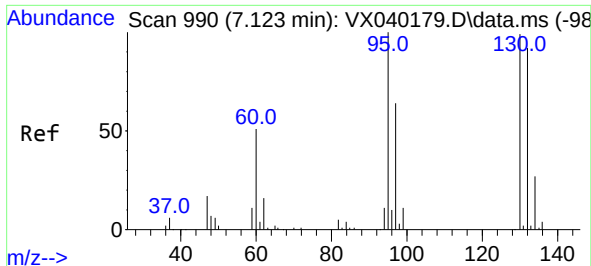
Ion Ratio Lower Upper

113 100

111 102.4 82.9 124.3

192 17.4 13.3 19.9

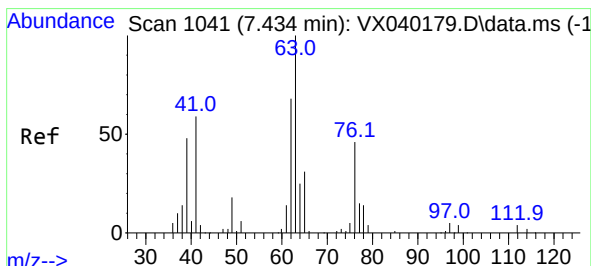
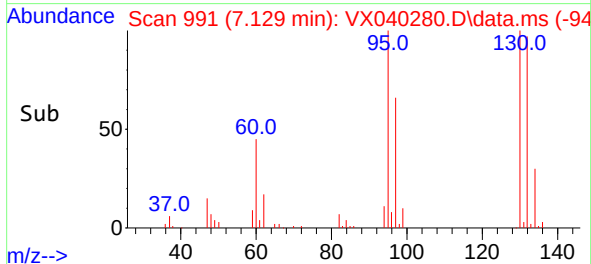
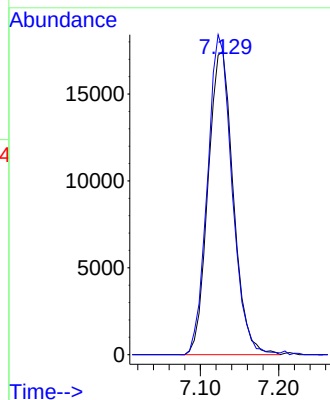
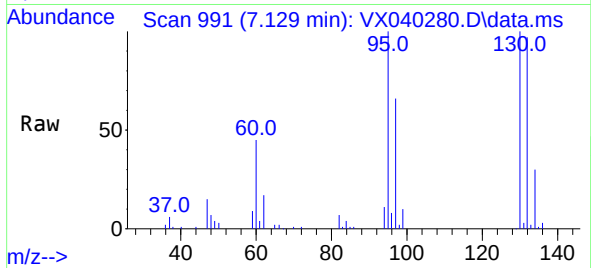




#44
Trichloroethene
Concen: 43.008 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX040280.D
Acq: 16 Feb 2024 15:54

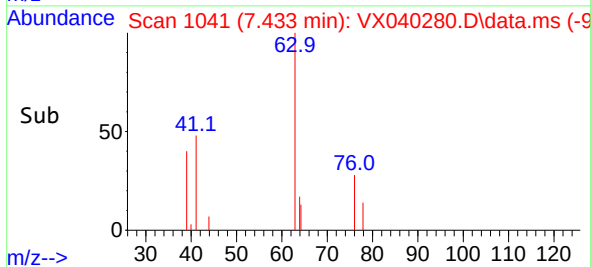
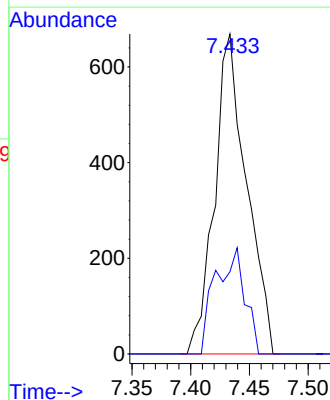
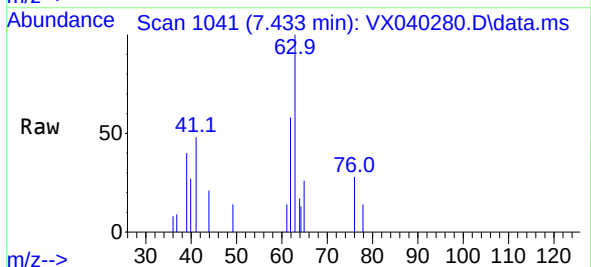
Instrument :
MSVOA_X
ClientSampleId :
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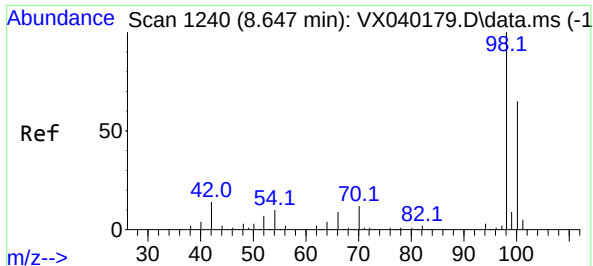
Tgt Ion:130 Resp: 39103
Ion Ratio Lower Upper
130 100
95 100.1 0.0 204.4



#45
1,2-Dichloropropane
Concen: 1.476 ug/l
RT: 7.433 min Scan# 1041
Delta R.T. 0.006 min
Lab File: VX040280.D
Acq: 16 Feb 2024 15:54

Tgt Ion: 63 Resp: 1266
Ion Ratio Lower Upper
63 100
65 25.7 24.3 36.5

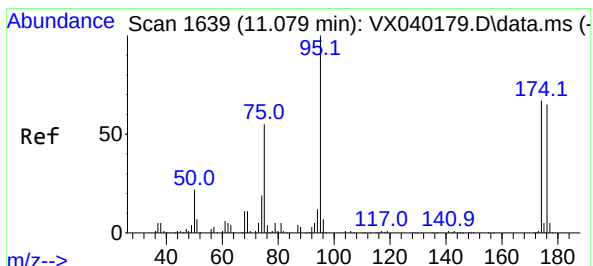
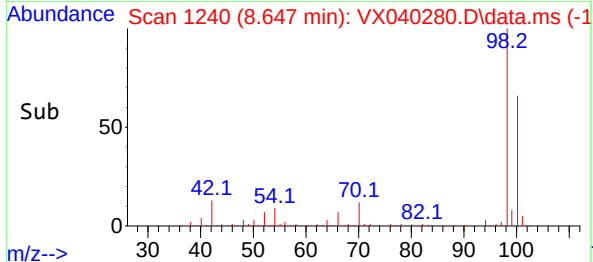
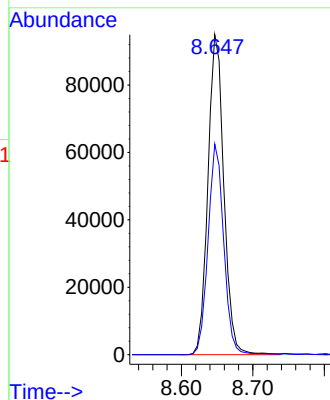
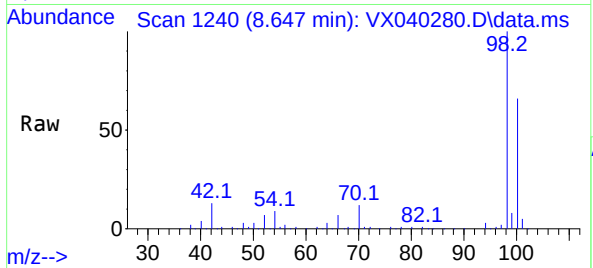




#50
Toluene-d8
Concen: 46.625 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX040280.D
Acq: 16 Feb 2024 15:54

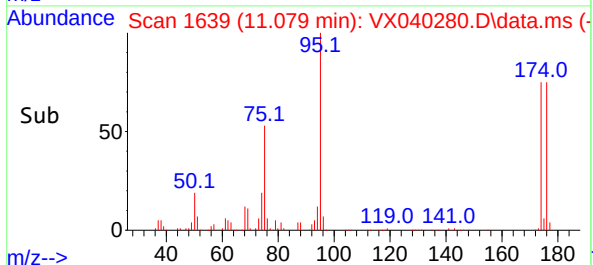
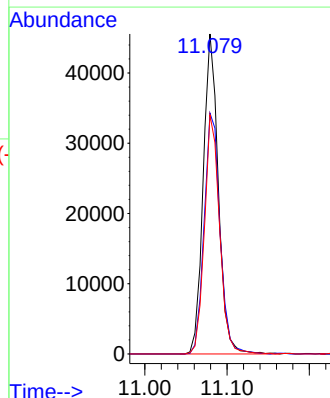
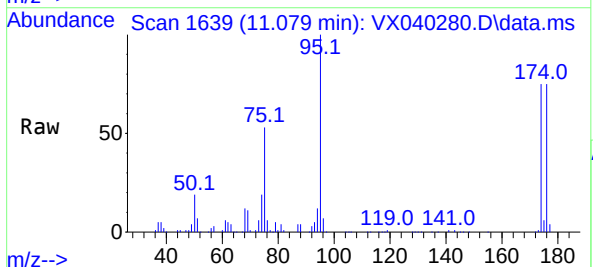
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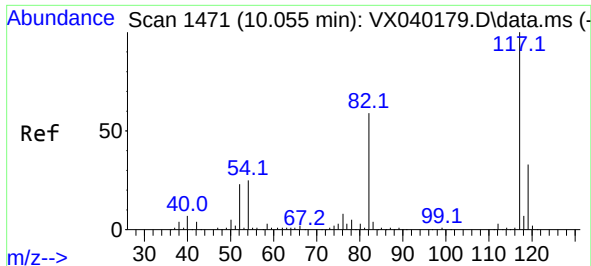
Tgt Ion: 98 Resp: 146748
Ion Ratio Lower Upper
98 100
100 65.1 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 45.417 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040280.D
Acq: 16 Feb 2024 15:54

Tgt Ion: 95 Resp: 58300
Ion Ratio Lower Upper
95 100
174 78.9 0.0 135.6
176 74.8 0.0 131.0

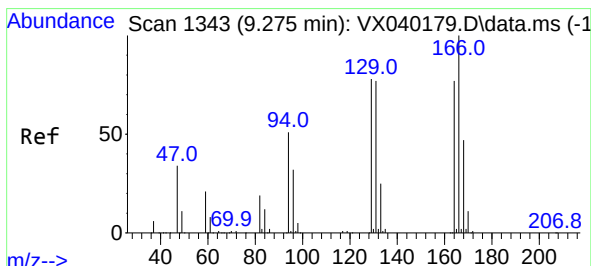
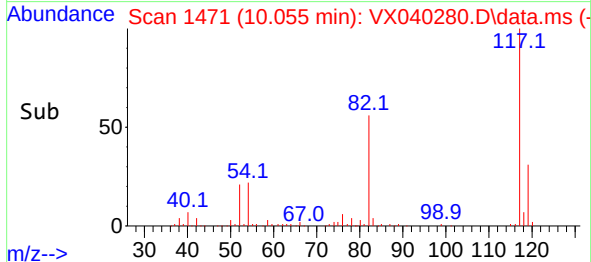
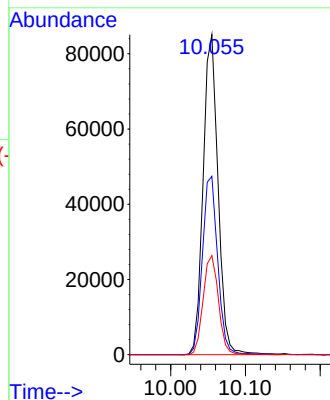
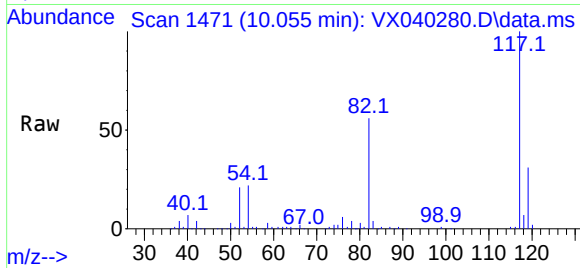




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040280.D
Acq: 16 Feb 2024 15:54

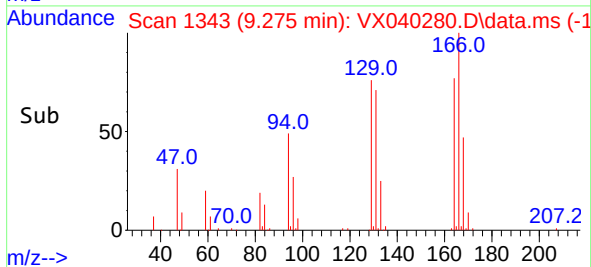
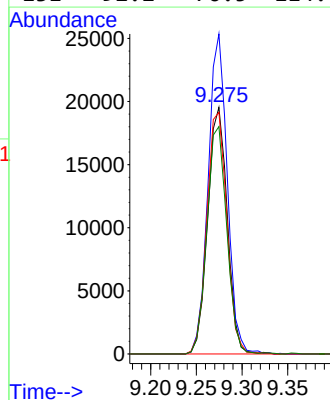
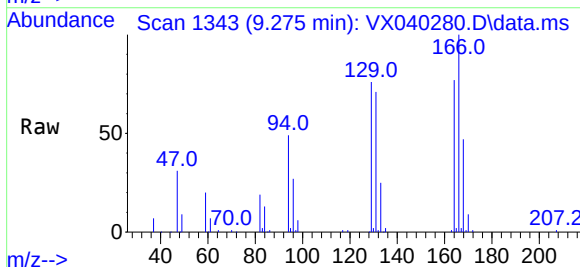
Instrument :
MSVOA_X
ClientSampleId :
RE131D3-20240214

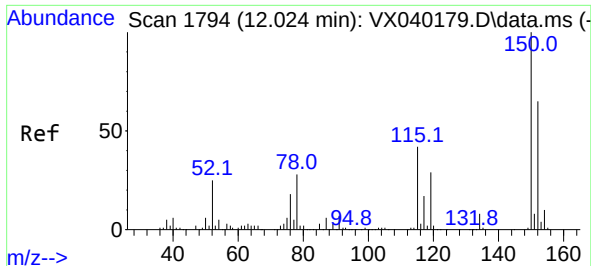
Tgt Ion:117 Resp: 118105
Ion Ratio Lower Upper
117 100
82 55.8 46.2 69.4
119 31.0 25.5 38.3



#64
Tetrachloroethene
Concen: 35.010 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX040280.D
Acq: 16 Feb 2024 15:54

Tgt Ion:164 Resp: 28976
Ion Ratio Lower Upper
164 100
166 129.8 102.7 154.1
129 98.0 80.4 120.6
131 92.2 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: VX040280.D

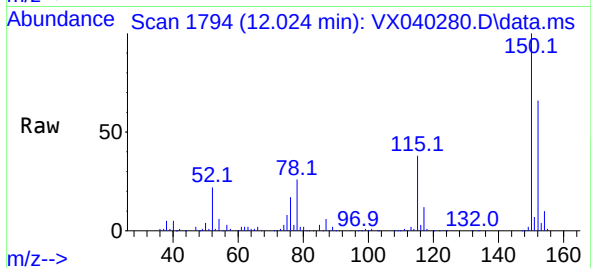
Acq: 16 Feb 2024 15:54

Instrument :

MSVOA_X

ClientSampleId :

RE131D3-20240214



Tgt Ion:152 Resp: 60999

Ion Ratio Lower Upper

152 100

115 59.7 43.3 129.9

150 155.7 0.0 345.0

