

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022824\
 Data File : VX040522.D
 Acq On : 28 Feb 2024 19:29
 Operator : JC/MD
 Sample : P1615-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE125D3-20240226

Quant Time: Feb 29 03:54:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022624W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 27 05:01:33 2024
 Response via : Initial Calibration

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

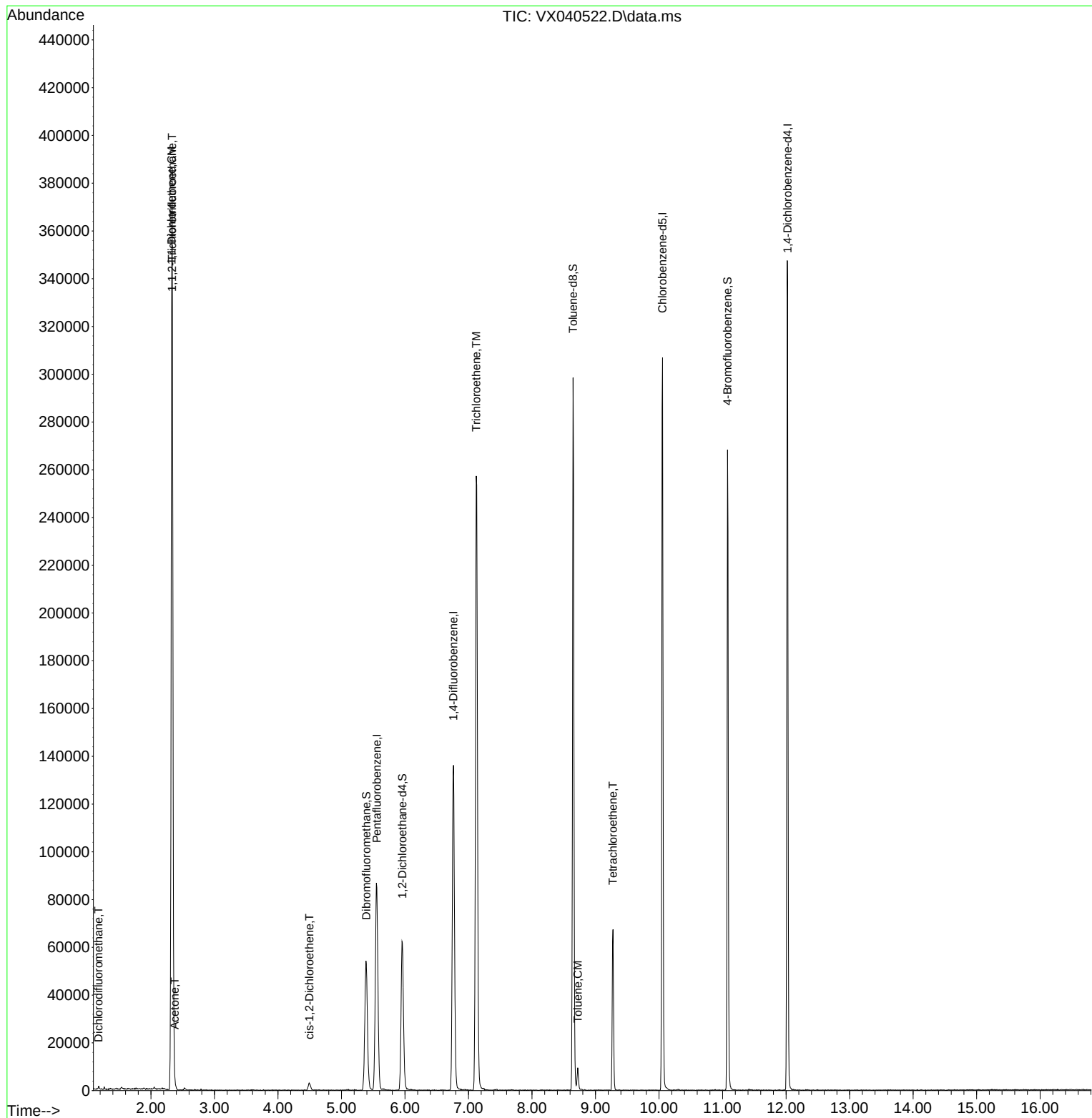
Internal Standards						
1) Pentafluorobenzene	5.556	168	76187	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	133173	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	127981	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	68467	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	62859	49.329	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	98.660%		
35) Dibromofluoromethane	5.391	113	45869	49.530	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.060%		
50) Toluene-d8	8.647	98	165439	49.215	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	98.440%		
62) 4-Bromofluorobenzene	11.079	95	68522	53.475	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	106.940%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	240	0.253	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.331	101	143116	165.534	ug/l	99
12) 1,1-Dichloroethene	2.325	96	1187	1.367	ug/l #	70
16) Acetone	2.374	43	1088	2.618	ug/l	94
27) cis-1,2-Dichloroethene	4.495	96	1971	1.820	ug/l	86
44) Trichloroethene	7.123	130	93060	89.577	ug/l	93
52) Toluene	8.720	92	3139	1.324	ug/l	92
64) Tetrachloroethene	9.275	164	10850	12.076	ug/l	93

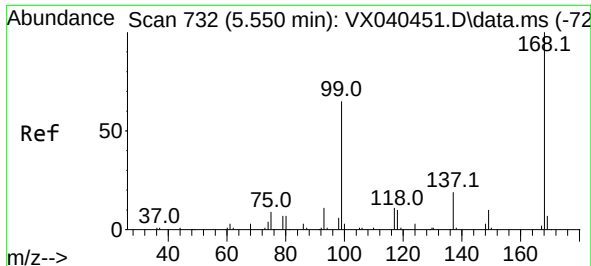
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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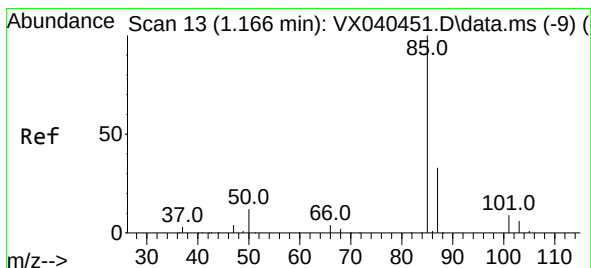
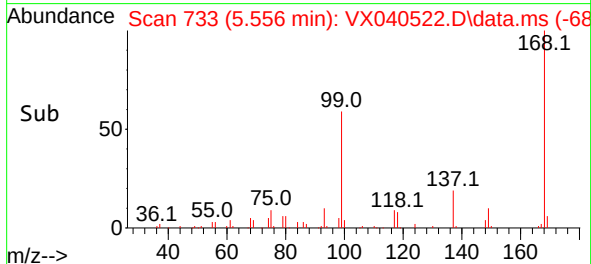
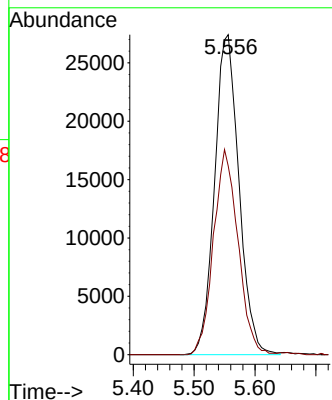
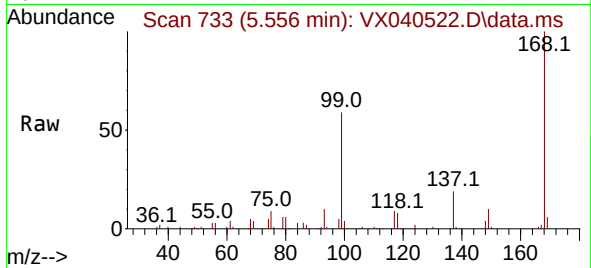




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX040522.D
Acq: 28 Feb 2024 19:29

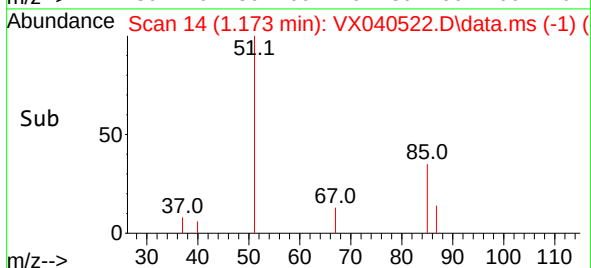
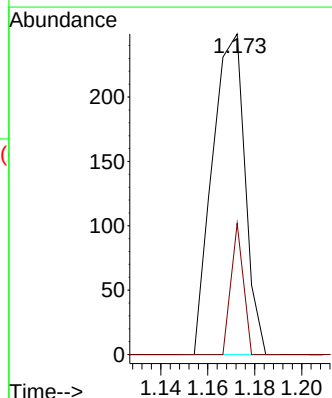
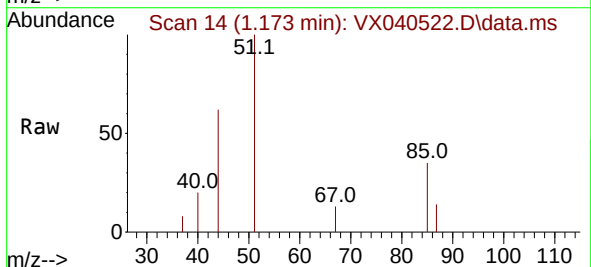
Instrument :
MSVOA_X
ClientSampleId :
RE125D3-20240226

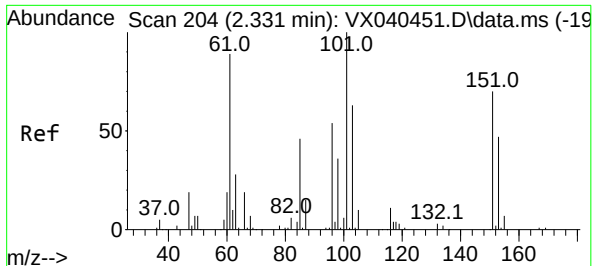
Tgt Ion:168 Resp: 76187
Ion Ratio Lower Upper
168 100
99 59.0 56.6 85.0



#2
Dichlorodifluoromethane
Concen: 0.253 ug/l
RT: 1.173 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX040522.D
Acq: 28 Feb 2024 19:29

Tgt Ion: 85 Resp: 240
Ion Ratio Lower Upper
85 100
87 41.0 16.7 50.1

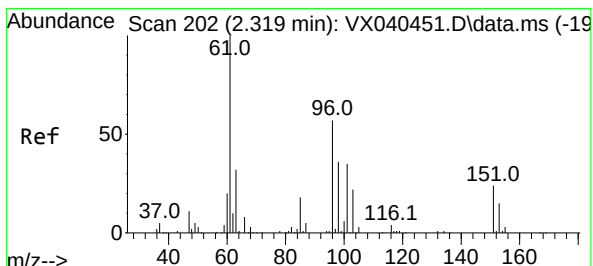
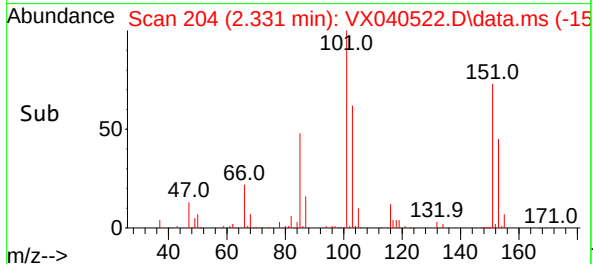
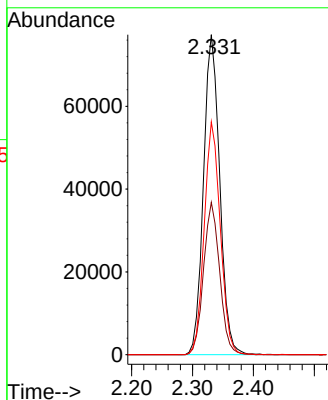
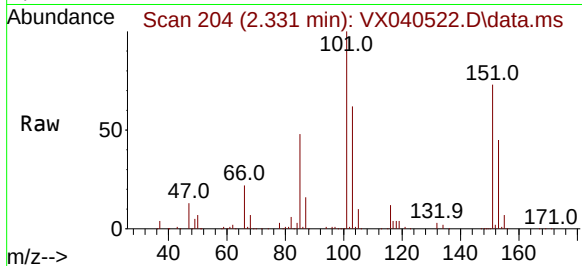




#9
1,1,2-Trichlorotrifluoroethane
Concen: 165.534 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX040522.D
Acq: 28 Feb 2024 19:29

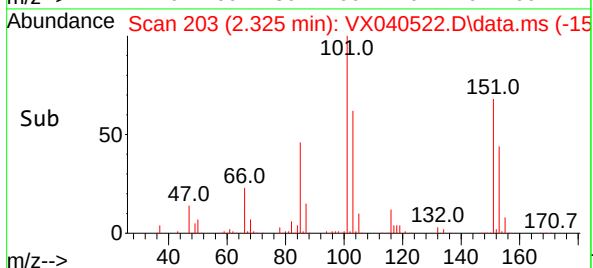
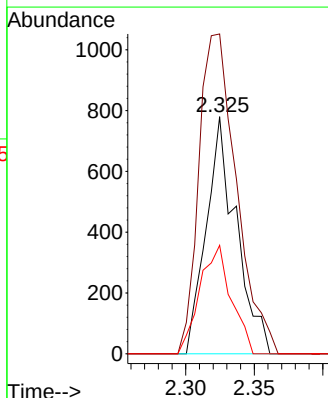
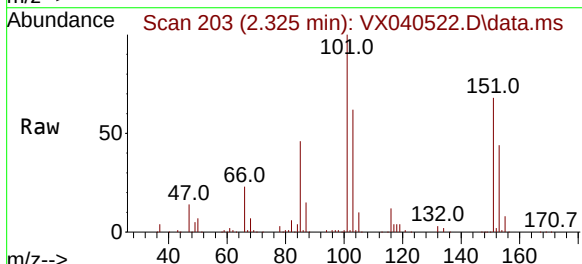
Instrument :
MSVOA_X
ClientSampleId :
RE125D3-20240226

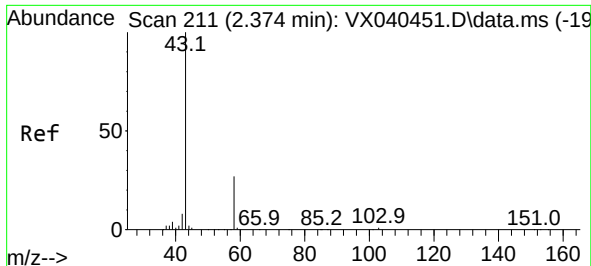
Tgt Ion:101 Resp: 143116
Ion Ratio Lower Upper
101 100
85 47.3 37.0 55.6
151 72.0 58.6 87.8



#12
1,1-Dichloroethene
Concen: 1.367 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX040522.D
Acq: 28 Feb 2024 19:29

Tgt Ion: 96 Resp: 1187
Ion Ratio Lower Upper
96 100
61 134.9 144.6 216.8#
98 45.8 50.4 75.6#

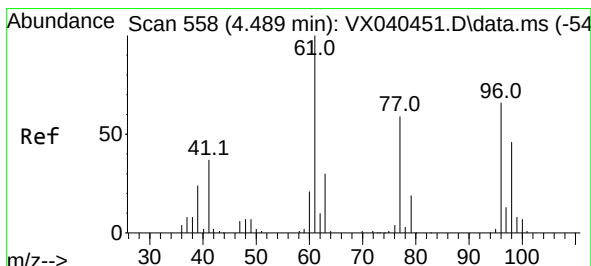
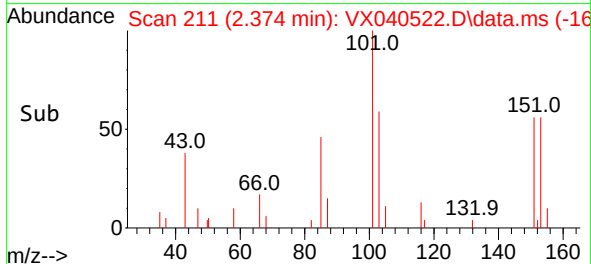
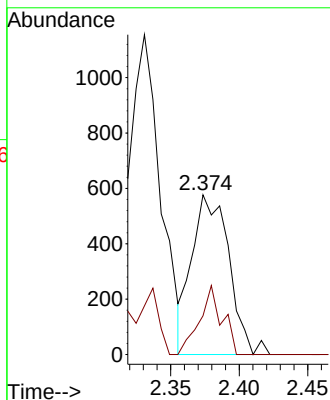
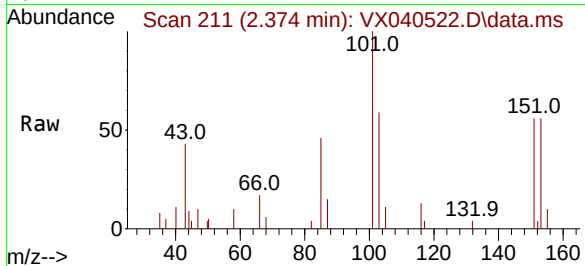




#16
Acetone
Concen: 2.618 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.000 min
Lab File: VX040522.D
Acq: 28 Feb 2024 19:29

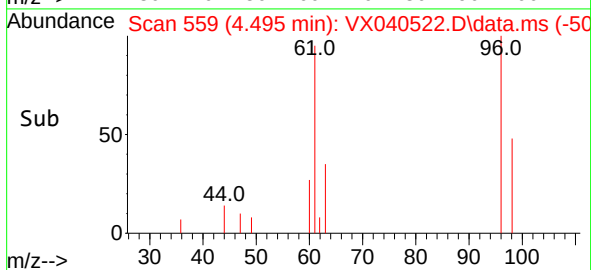
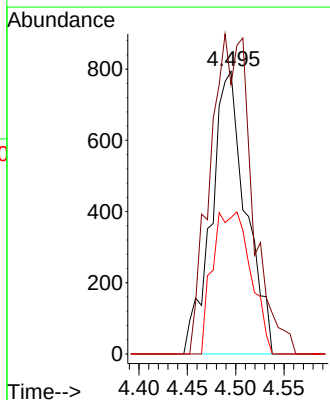
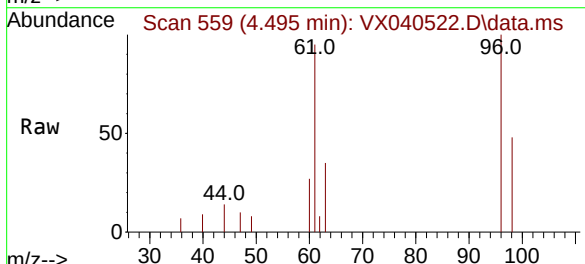
Instrument :
MSVOA_X
ClientSampleId :
RE125D3-20240226

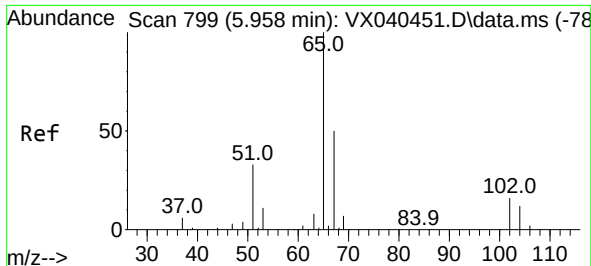
Tgt Ion: 43 Resp: 1088
Ion Ratio Lower Upper
43 100
58 24.3 21.9 32.9



#27
cis-1,2-Dichloroethene
Concen: 1.820 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.006 min
Lab File: VX040522.D
Acq: 28 Feb 2024 19:29

Tgt Ion: 96 Resp: 1971
Ion Ratio Lower Upper
96 100
61 137.0 0.0 312.2
98 55.6 0.0 129.0





#33

1,2-Dichloroethane-d4

Concen: 49.329 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX040522.D

Acq: 28 Feb 2024 19:29

Instrument :

MSVOA_X

ClientSampleId :

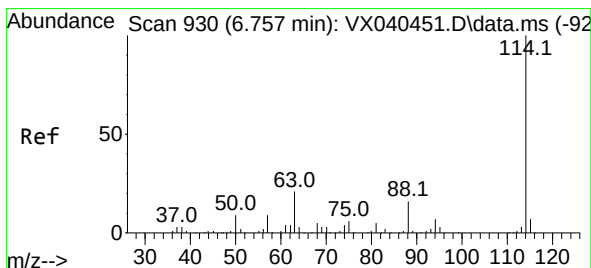
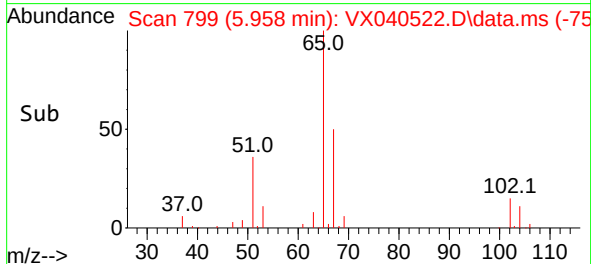
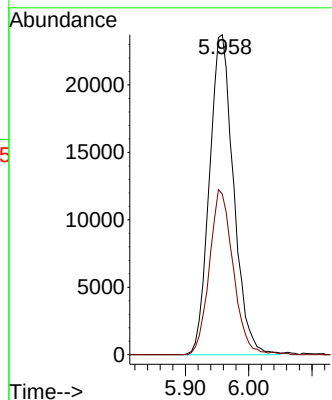
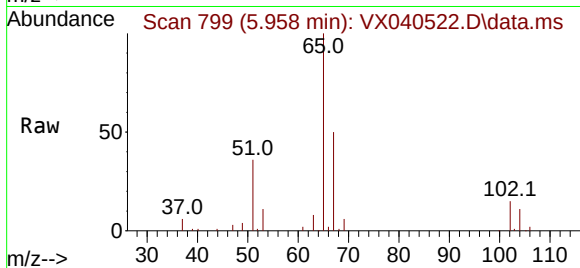
RE125D3-20240226

Tgt Ion: 65 Resp: 62859

Ion Ratio Lower Upper

65 100

67 50.9 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX040522.D

Acq: 28 Feb 2024 19:29

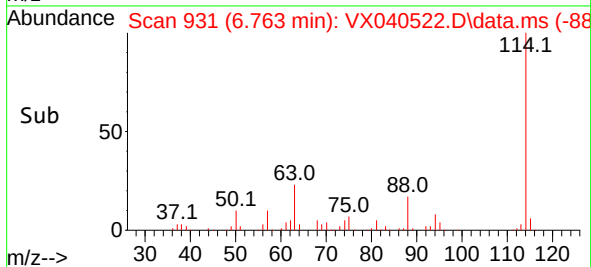
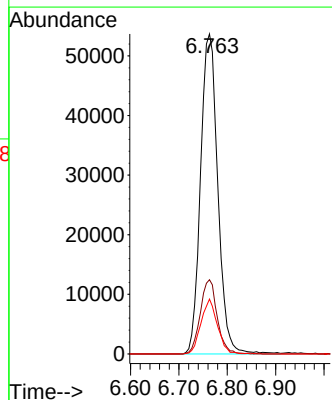
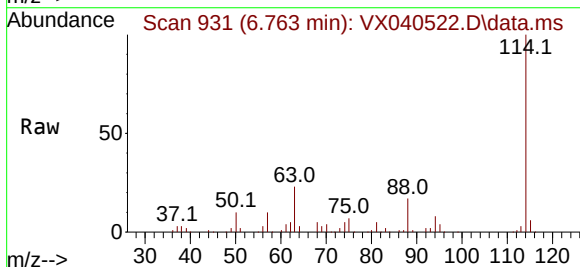
Tgt Ion: 114 Resp: 133173

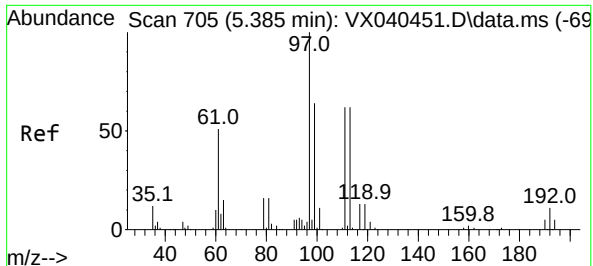
Ion Ratio Lower Upper

114 100

63 23.2 0.0 45.0

88 17.1 0.0 36.6





#35

Dibromofluoromethane

Concen: 49.530 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX040522.D

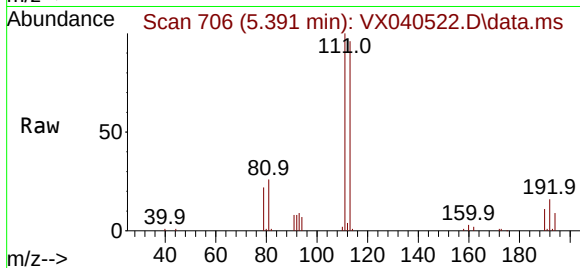
Acq: 28 Feb 2024 19:29

Instrument :

MSVOA_X

ClientSampleId :

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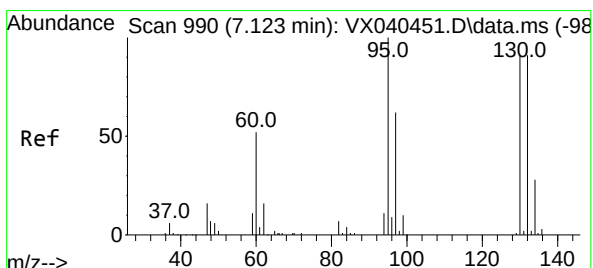
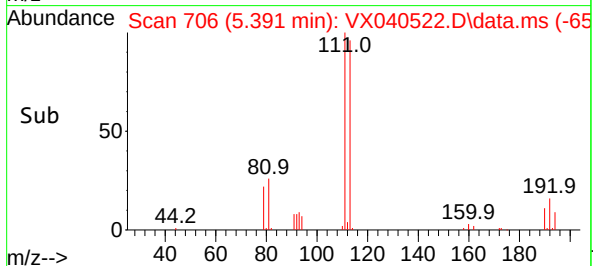
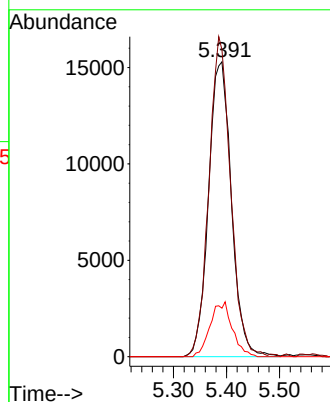
Tgt Ion:113 Resp: 45869

Ion Ratio Lower Upper

113 100

111 102.6 82.9 124.3

192 18.0 13.3 19.9



#44

Trichloroethene

Concen: 89.577 ug/l

RT: 7.123 min Scan# 990

Delta R.T. -0.000 min

Lab File: VX040522.D

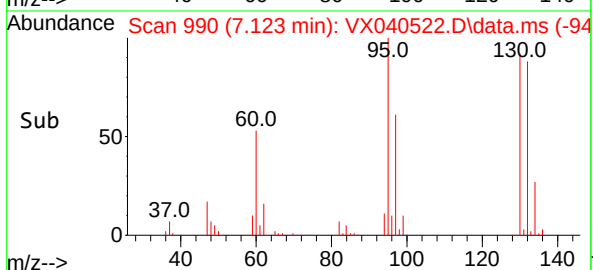
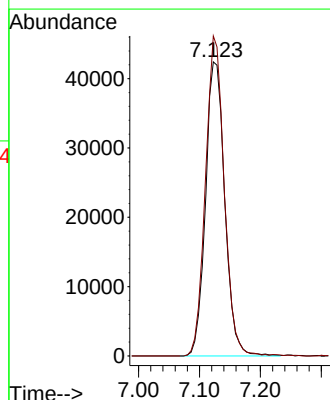
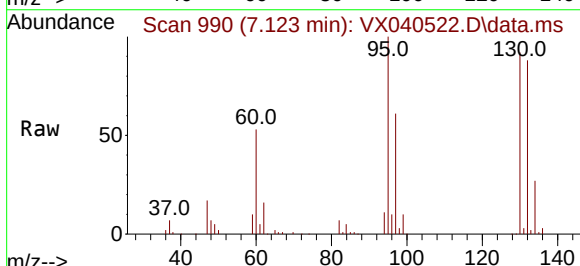
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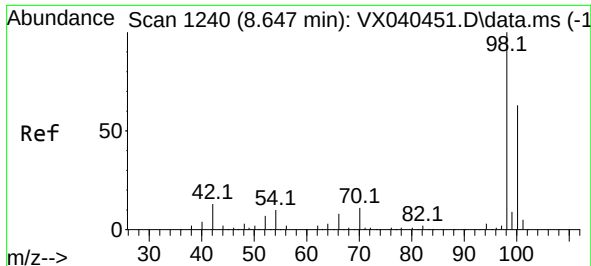
Tgt Ion:130 Resp: 93060

Ion Ratio Lower Upper

130 100

95 108.8 0.0 204.4





#50

Toluene-d8

Concen: 49.215 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX040522.D

Acq: 28 Feb 2024 19:29

Instrument :

MSVOA_X

ClientSampleId :

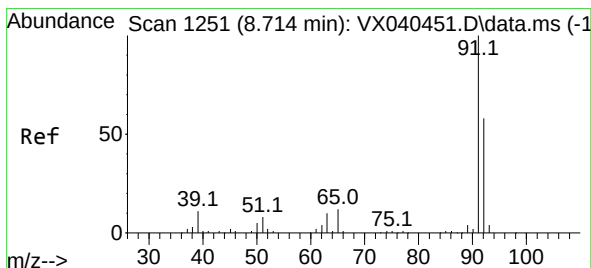
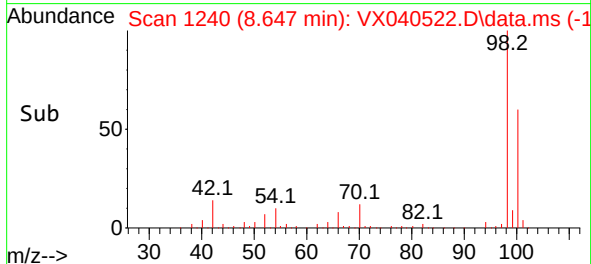
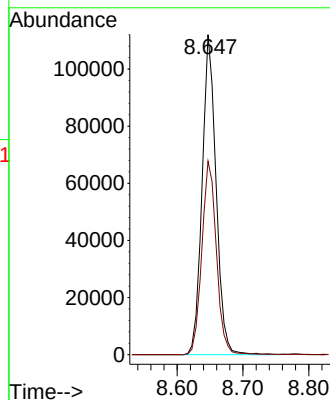
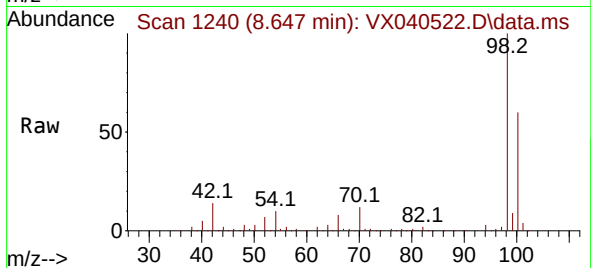
RE125D3-20240226

Tgt Ion: 98 Resp: 165439

Ion Ratio Lower Upper

98 100

100 63.1 53.1 79.7



#52

Toluene

Concen: 1.324 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.006 min

Lab File: VX040522.D

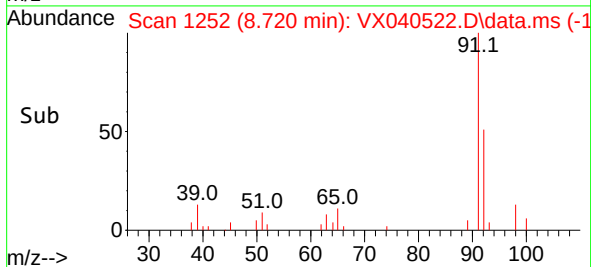
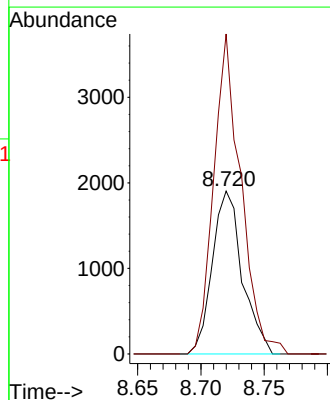
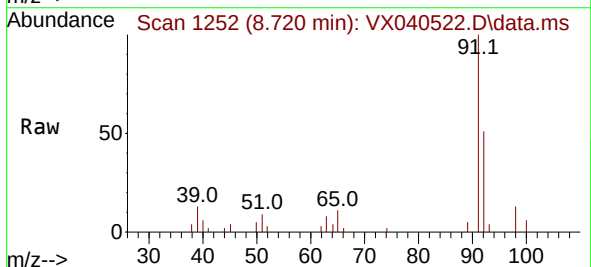
Acq: 28 Feb 2024 19:29

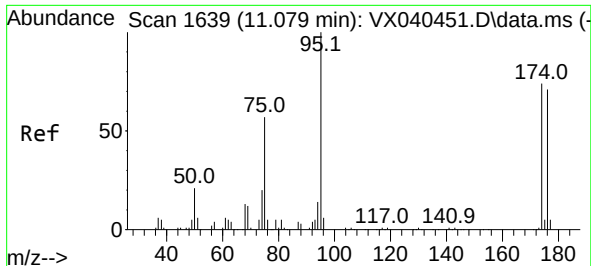
Tgt Ion: 92 Resp: 3139

Ion Ratio Lower Upper

92 100

91 178.2 134.2 201.2





#62

4-Bromofluorobenzene

Concen: 53.475 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX040522.D

Acq: 28 Feb 2024 19:29

Instrument :

MSVOA_X

ClientSampleId :

RE125D3-20240226

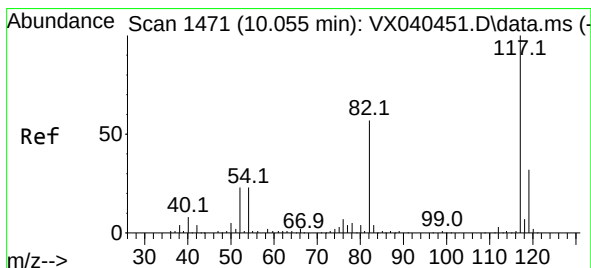
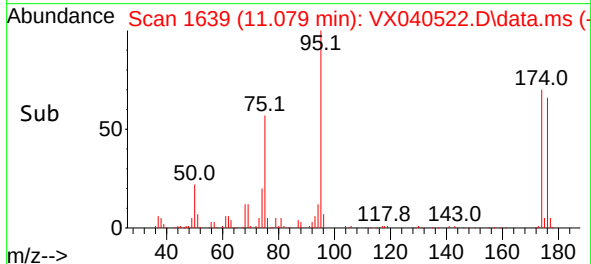
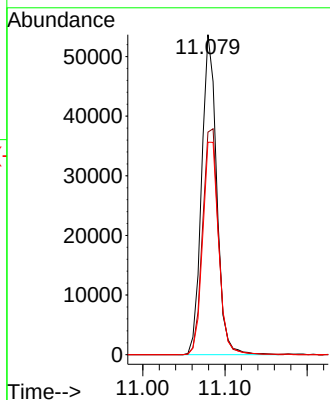
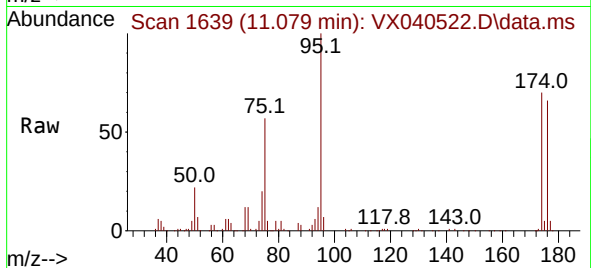
Tgt Ion: 95 Resp: 68522

Ion Ratio Lower Upper

95 100

174 74.5 0.0 135.6

176 70.5 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: VX040522.D

Acq: 28 Feb 2024 19:29

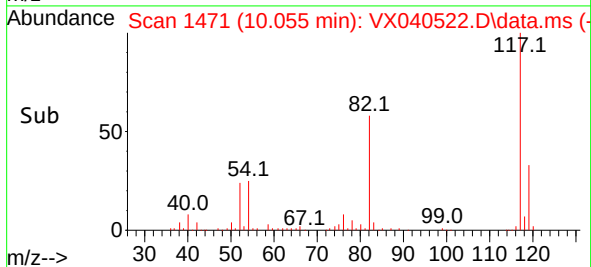
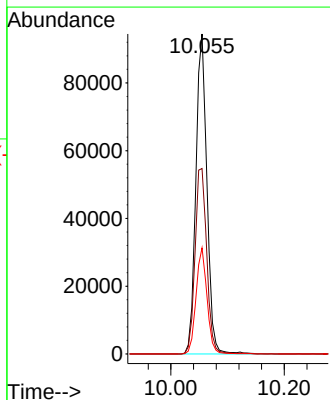
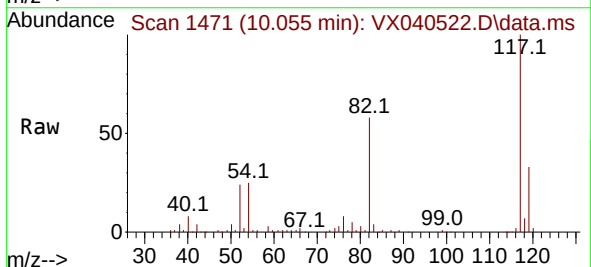
Tgt Ion: 117 Resp: 127981

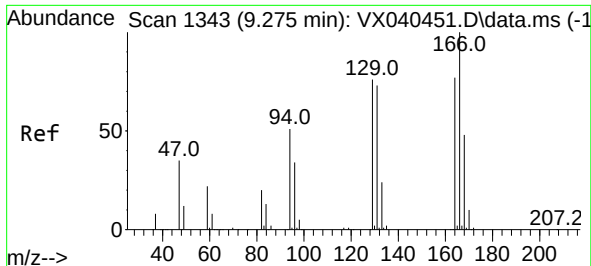
Ion Ratio Lower Upper

117 100

82 57.9 46.2 69.4

119 33.2 25.5 38.3

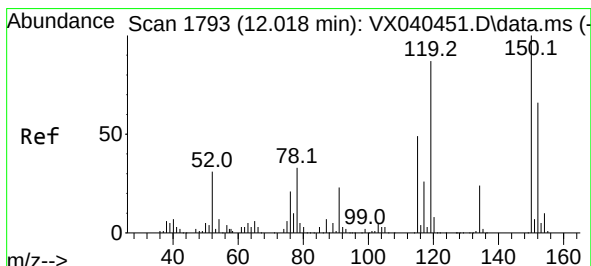
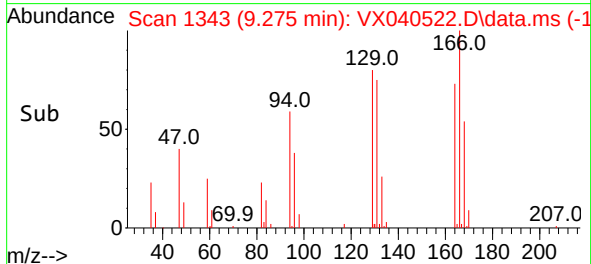
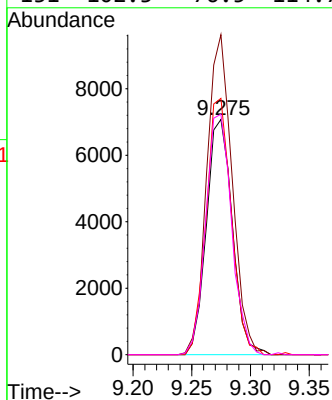
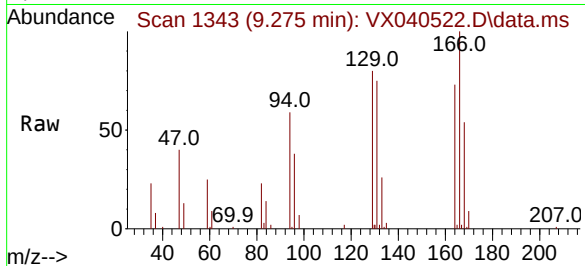




#64
Tetrachloroethene
Concen: 12.076 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040522.D
Acq: 28 Feb 2024 19:29

Instrument :
MSVOA_X
ClientSampleId :
RE125D3-20240226

Tgt Ion:164	Resp:	10850
Ion Ratio	Lower	Upper
164	100	
166	136.1	102.7 154.1
129	109.0	80.4 120.6
131	102.3	76.5 114.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX040522.D
Acq: 28 Feb 2024 19:29

Tgt Ion:152	Resp:	68467
Ion Ratio	Lower	Upper
152	100	
115	62.9	43.3 129.9
150	157.1	0.0 345.0

