

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021924\
 Data File : VX040341.D
 Acq On : 19 Feb 2024 19:16
 Operator : JC/MD
 Sample : P1507-24
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D2-20240214

Quant Time: Feb 20 01:21:09 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)

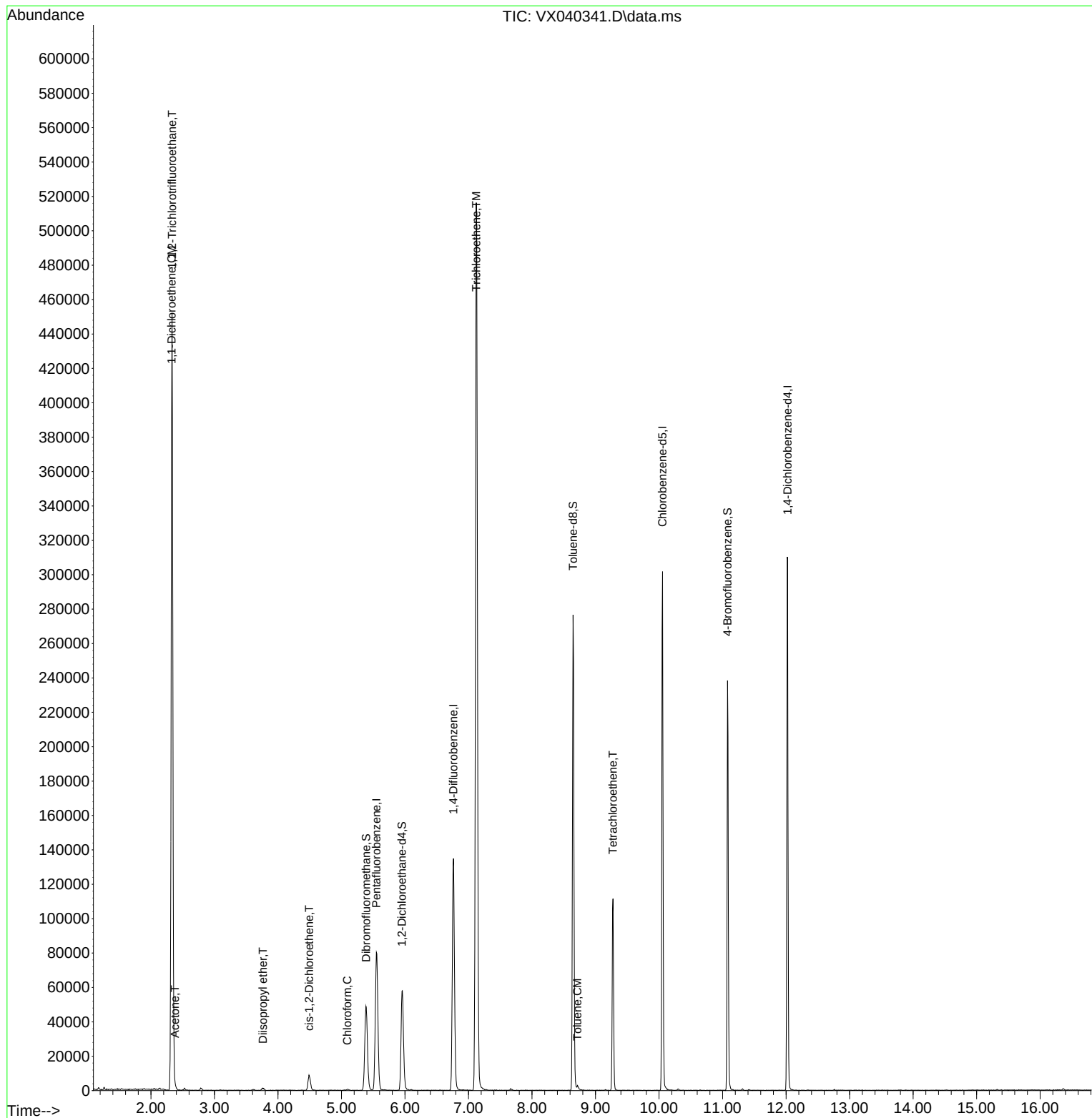
Internal Standards						
1) Pentafluorobenzene	5.550	168	73339	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	132390	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	126404	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	63423	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	57320	52.536	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	105.080%
35) Dibromofluoromethane	5.385	113	43570	47.126	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.260%
50) Toluene-d8	8.647	98	160343	46.363	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.720%
62) 4-Bromofluorobenzene	11.079	95	60939	43.204	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	86.400%
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.331	101	171608	220.669	ug/l	99
12) 1,1-Dichloroethene	2.325	96	2341	3.126	ug/l	92
16) Acetone	2.380	43	846	1.888	ug/l #	88
22) Diisopropyl ether	3.763	45	1340	0.508	ug/l #	61
27) cis-1,2-Dichloroethene	4.489	96	5387	5.537	ug/l	83
30) Chloroform	5.092	83	730	0.440	ug/l #	75
44) Trichloroethene	7.123	130	185947	186.128	ug/l	95
52) Toluene	8.714	92	863	0.364	ug/l	95
64) Tetrachloroethene	9.275	164	19523	22.040	ug/l	96

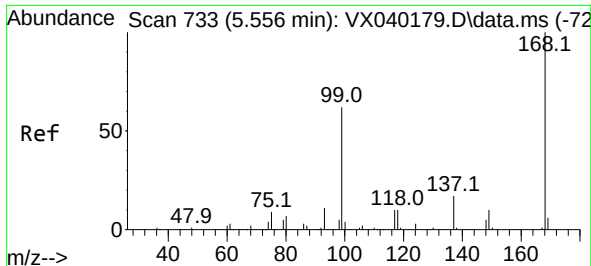
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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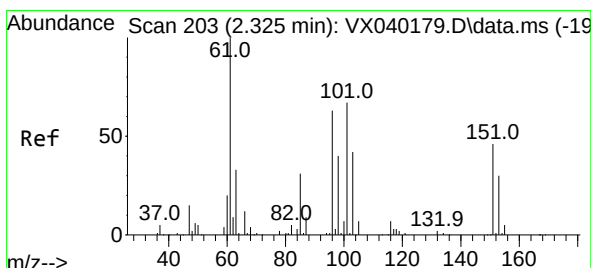
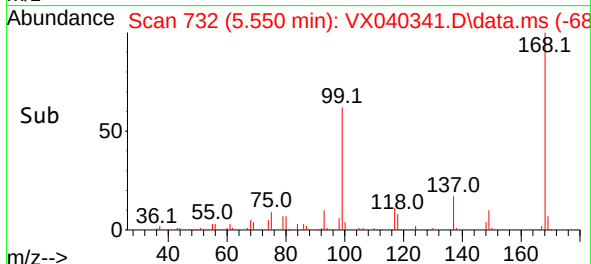
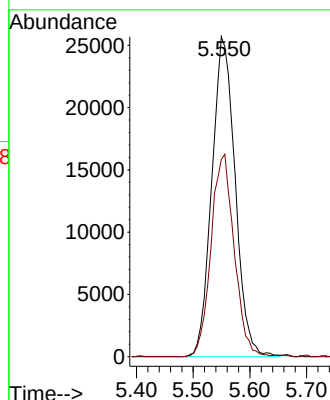
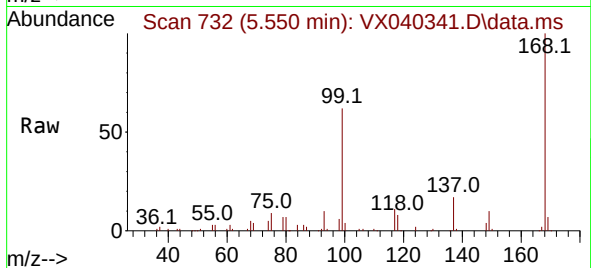




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX040341.D
Acq: 19 Feb 2024 19:16

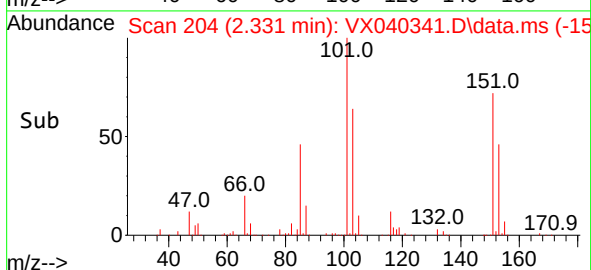
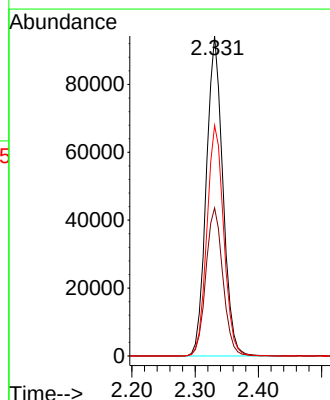
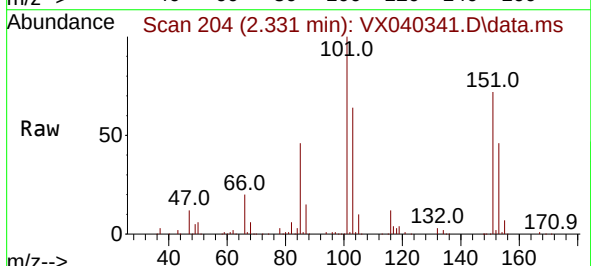
Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20240214

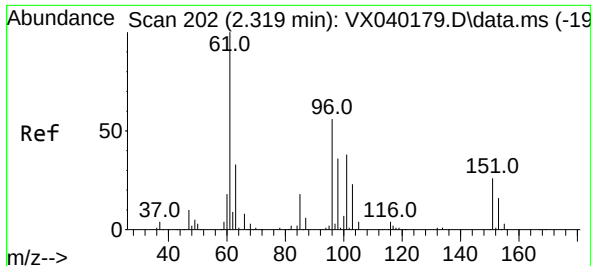
Tgt Ion:168 Resp: 73339
Ion Ratio Lower Upper
168 100
99 61.6 56.6 85.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 220.669 ug/l
RT: 2.331 min Scan# 204
Delta R.T. 0.006 min
Lab File: VX040341.D
Acq: 19 Feb 2024 19:16

Tgt Ion:101 Resp: 171608
Ion Ratio Lower Upper
101 100
85 47.5 37.0 55.6
151 73.1 58.6 87.8





#12

1,1-Dichloroethene

Concen: 3.126 ug/l

RT: 2.325 min Scan# 20

Delta R.T. 0.006 min

Lab File: VX040341.D

Acq: 19 Feb 2024 19:16

Instrument :

MSVOA_X

ClientSampleId :

RE131D2-20240214

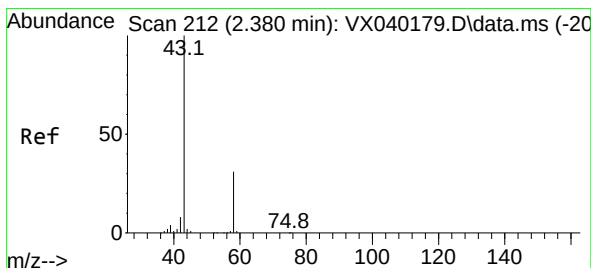
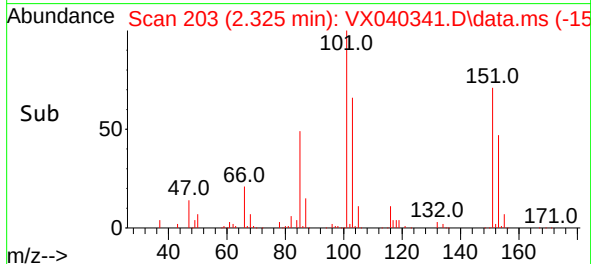
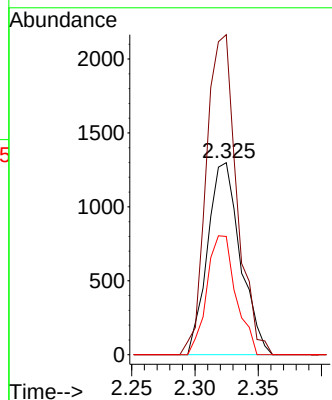
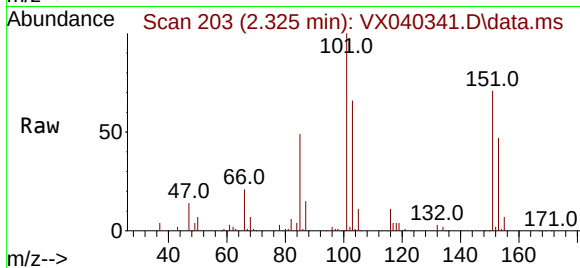
Tgt Ion: 96 Resp: 2341

Ion Ratio Lower Upper

96 100

61 166.7 144.6 216.8

98 61.6 50.4 75.6



#16

Acetone

Concen: 1.888 ug/l

RT: 2.380 min Scan# 212

Delta R.T. 0.000 min

Lab File: VX040341.D

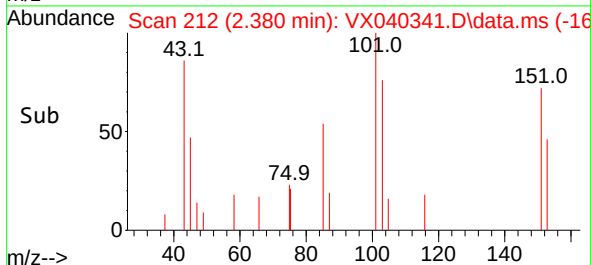
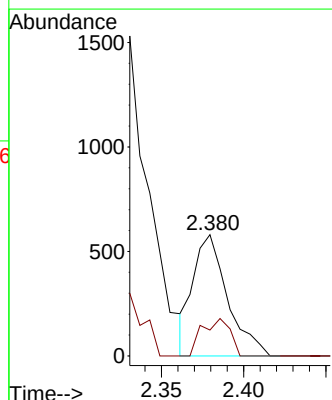
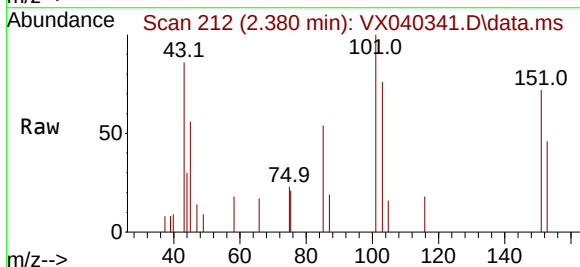
Acq: 19 Feb 2024 19:16

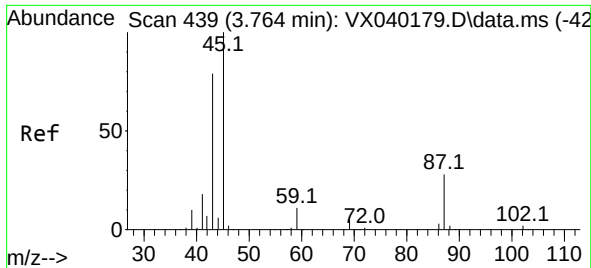
Tgt Ion: 43 Resp: 846

Ion Ratio Lower Upper

43 100

58 21.4 21.9 32.9#

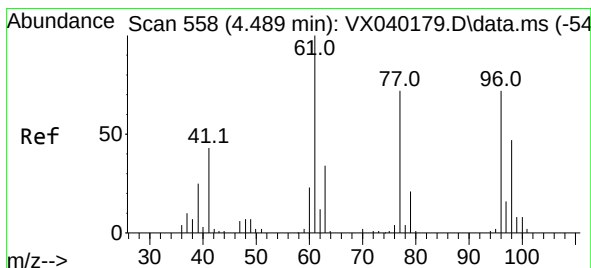
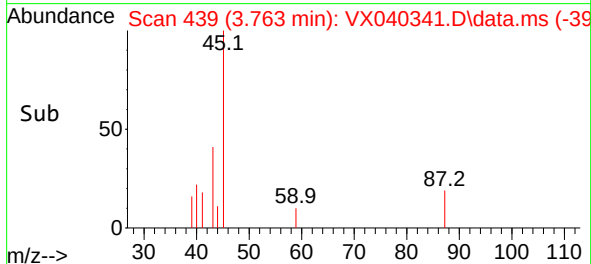
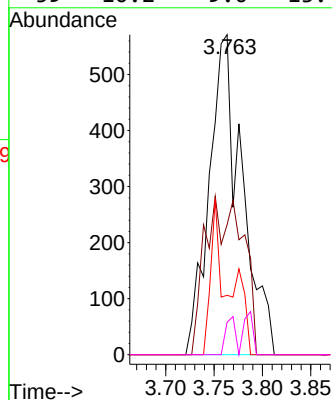
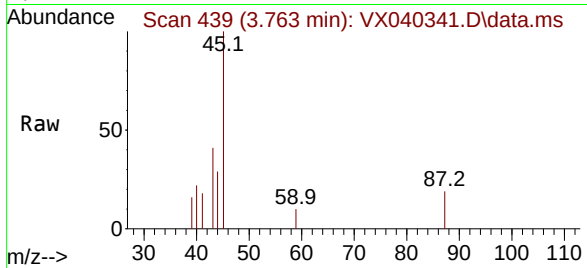




#22
Diisopropyl ether
Concen: 0.508 ug/l
RT: 3.763 min Scan# 41
Delta R.T. 0.000 min
Lab File: VX040341.D
Acq: 19 Feb 2024 19:16

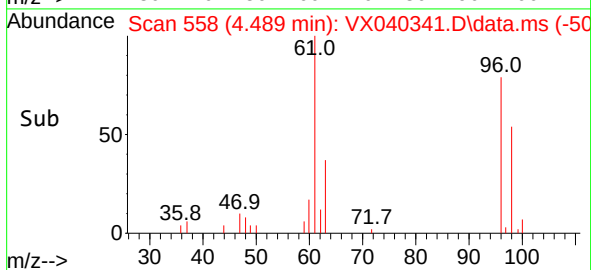
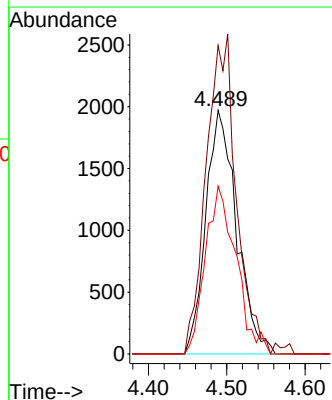
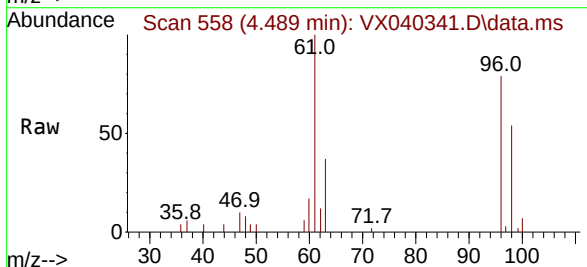
Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20240214

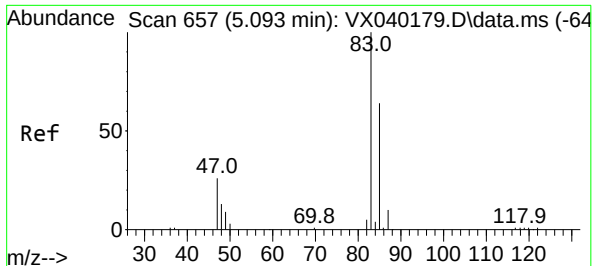
Tgt Ion: 45	Resp: 1340
Ion Ratio	Lower Upper
45 100	
43 40.6	69.7 104.5#
87 18.6	20.8 31.2#
59 10.2	9.0 13.4



#27
cis-1,2-Dichloroethene
Concen: 5.537 ug/l
RT: 4.489 min Scan# 558
Delta R.T. -0.000 min
Lab File: VX040341.D
Acq: 19 Feb 2024 19:16

Tgt Ion: 96	Resp: 5387
Ion Ratio	Lower Upper
96 100	
61 128.0	0.0 312.2
98 68.6	0.0 129.0





#30

Chloroform

Concen: 0.440 ug/l

RT: 5.092 min Scan# 61

Delta R.T. -0.006 min

Lab File: VX040341.D

Acq: 19 Feb 2024 19:16

Instrument :

MSVOA_X

ClientSampleId :

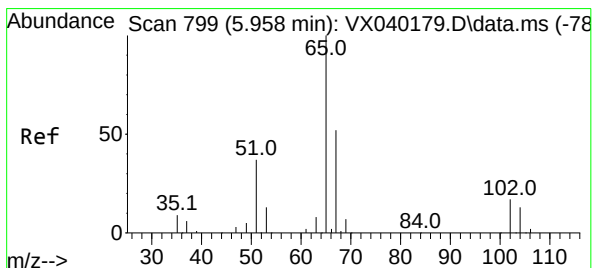
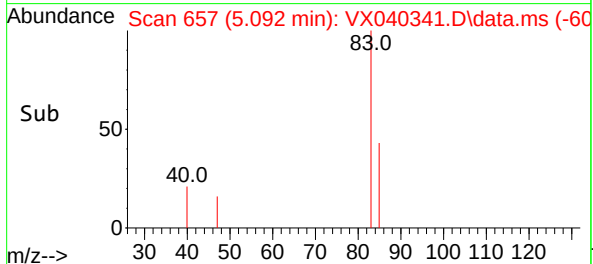
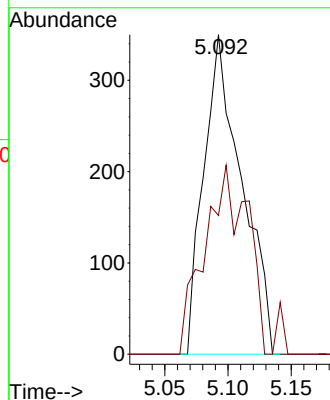
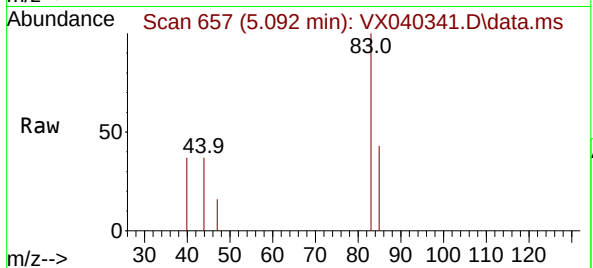
RE131D2-20240214

Tgt Ion: 83 Resp: 730

Ion Ratio Lower Upper

83 100

85 43.4 50.3 75.5#



#33

1,2-Dichloroethane-d4

Concen: 52.536 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX040341.D

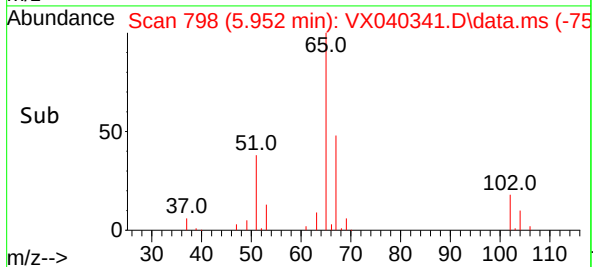
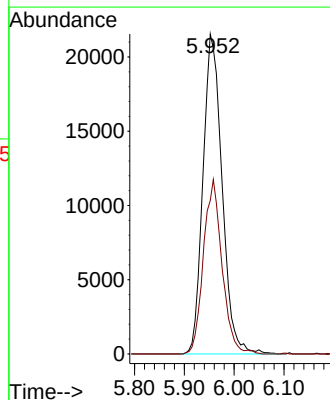
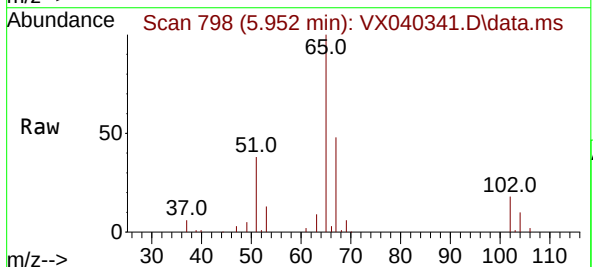
Acq: 19 Feb 2024 19:16

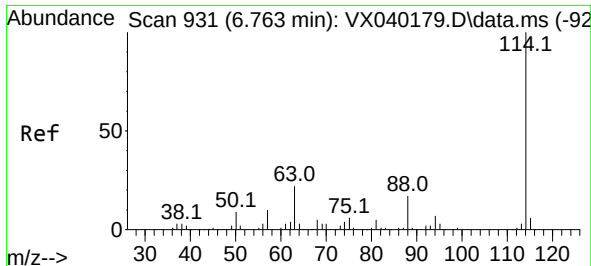
Tgt Ion: 65 Resp: 57320

Ion Ratio Lower Upper

65 100

67 53.1 0.0 100.2

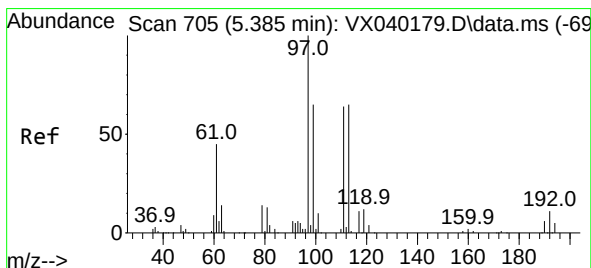
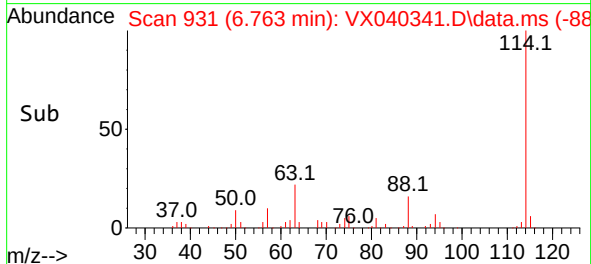
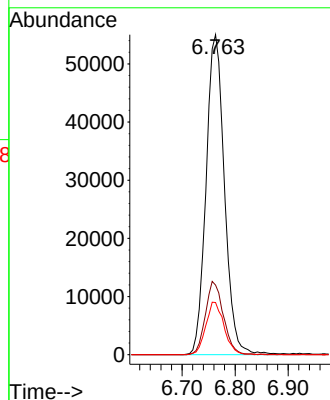
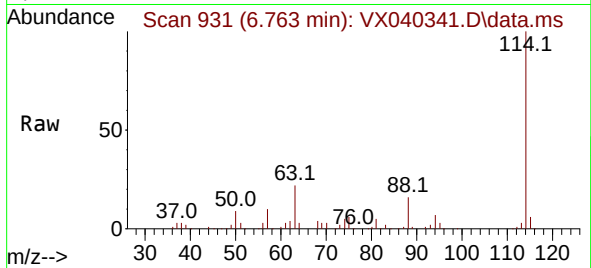




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX040341.D
Acq: 19 Feb 2024 19:16

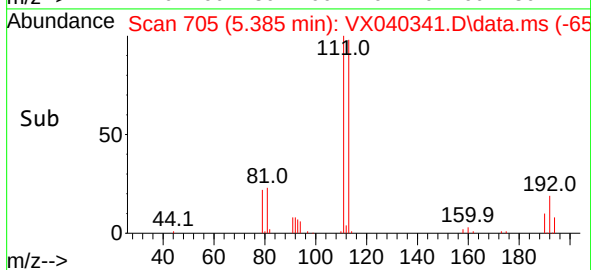
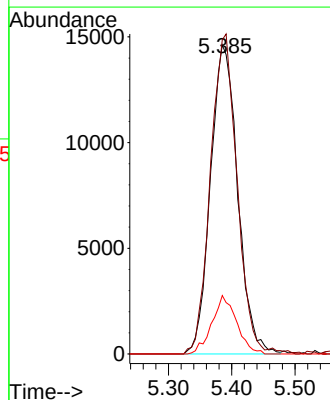
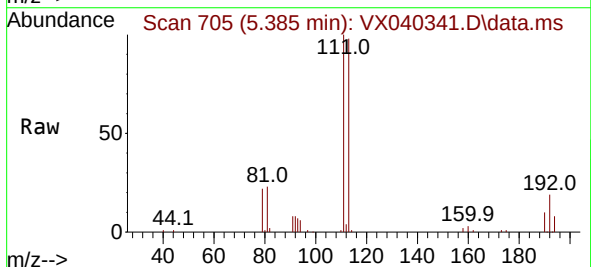
Instrument :
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ClientSampleId :
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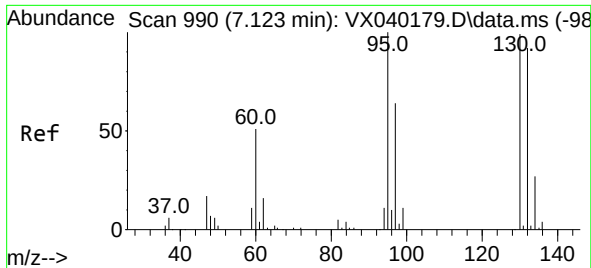
Tgt Ion:114 Resp: 132390
Ion Ratio Lower Upper
114 100
63 21.7 0.0 45.0
88 16.3 0.0 36.6



#35
Dibromofluoromethane
Concen: 47.126 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040341.D
Acq: 19 Feb 2024 19:16

Tgt Ion:113 Resp: 43570
Ion Ratio Lower Upper
113 100
111 100.8 82.9 124.3
192 17.2 13.3 19.9

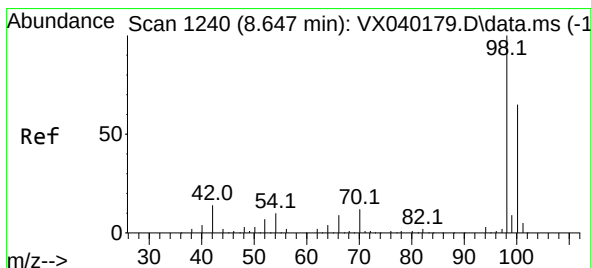
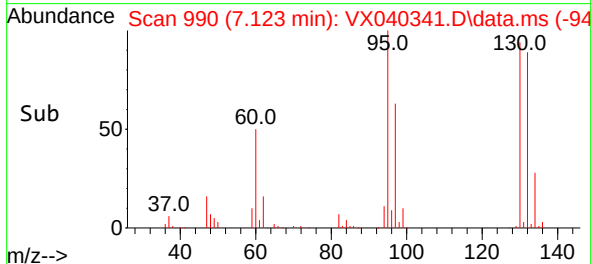
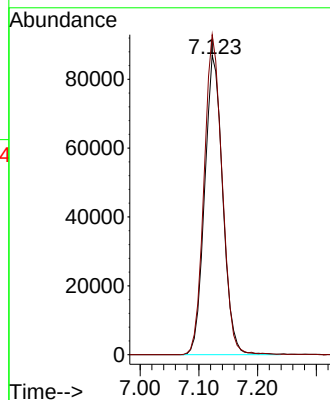
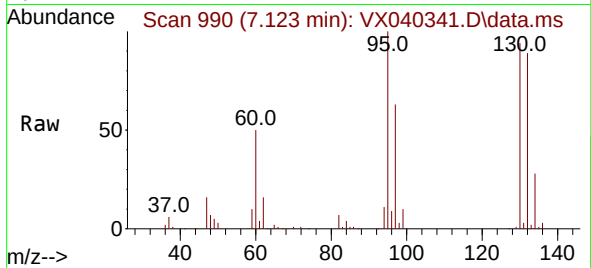




#44
Trichloroethene
Concen: 186.128 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX040341.D
Acq: 19 Feb 2024 19:16

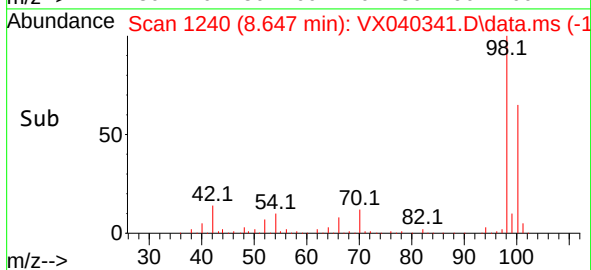
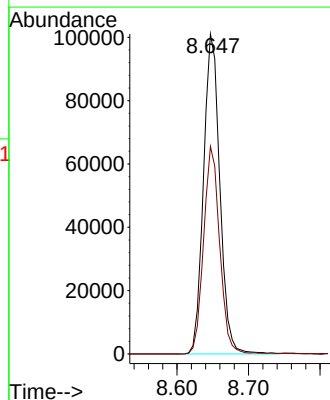
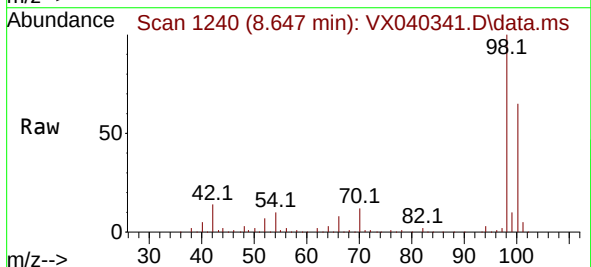
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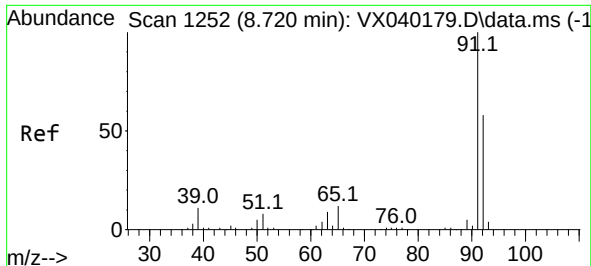
Tgt Ion:130 Resp: 185947
Ion Ratio Lower Upper
130 100
95 106.9 0.0 204.4



#50
Toluene-d8
Concen: 46.363 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX040341.D
Acq: 19 Feb 2024 19:16

Tgt Ion: 98 Resp: 160343
Ion Ratio Lower Upper
98 100
100 63.9 53.1 79.7

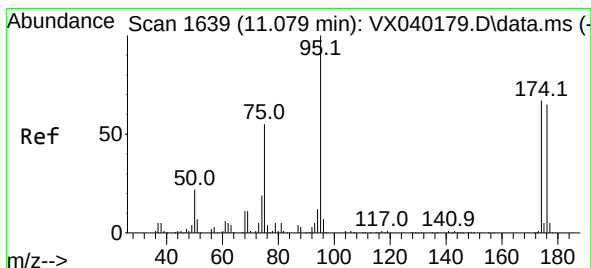
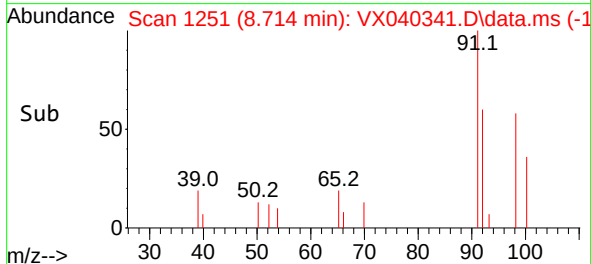
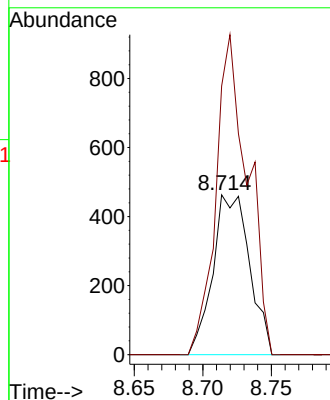
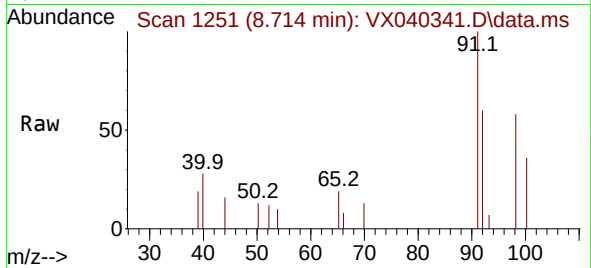




#52
Toluene
Concen: 0.364 ug/l
RT: 8.714 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX040341.D
Acq: 19 Feb 2024 19:16

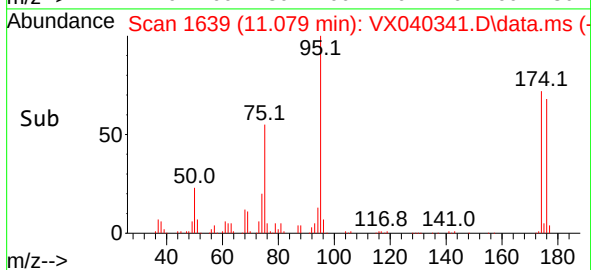
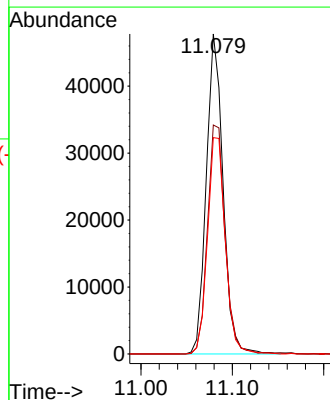
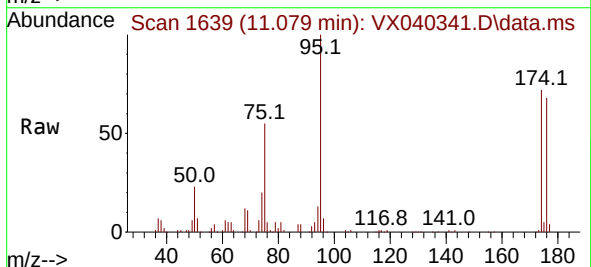
Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20240214

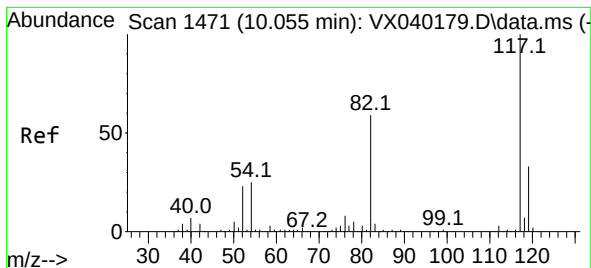
Tgt Ion: 92 Resp: 863
Ion Ratio Lower Upper
92 100
91 174.0 134.2 201.2



#62
4-Bromofluorobenzene
Concen: 43.204 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040341.D
Acq: 19 Feb 2024 19:16

Tgt Ion: 95 Resp: 60939
Ion Ratio Lower Upper
95 100
174 75.5 0.0 135.6
176 71.7 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: VX040341.D

Acq: 19 Feb 2024 19:16

Instrument :

MSVOA_X

ClientSampleId :

RE131D2-20240214

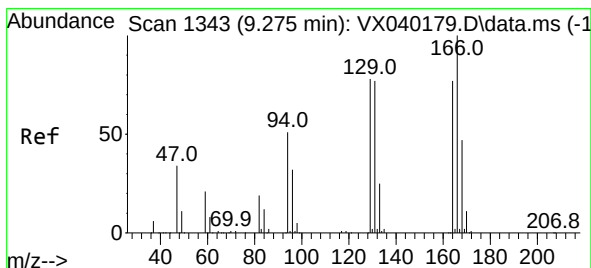
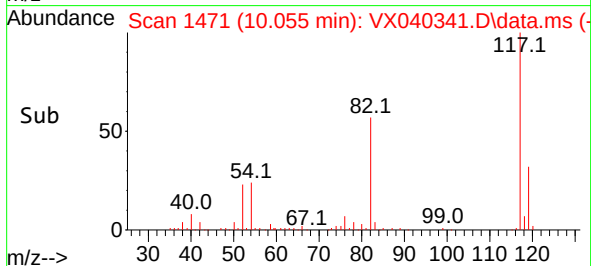
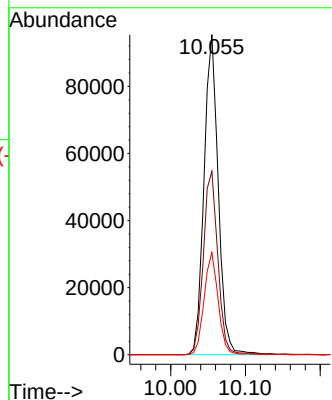
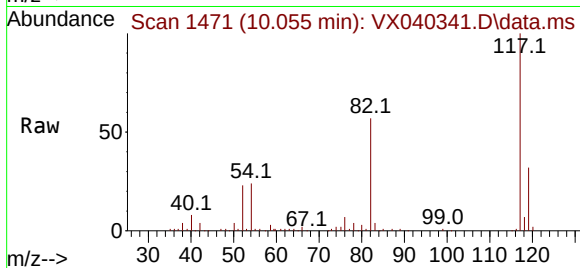
Tgt Ion:117 Resp: 126404

Ion Ratio Lower Upper

117 100

82 57.3 46.2 69.4

119 32.0 25.5 38.3



#64

Tetrachloroethene

Concen: 22.040 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. 0.000 min

Lab File: VX040341.D

Acq: 19 Feb 2024 19:16

Tgt Ion:164 Resp: 19523

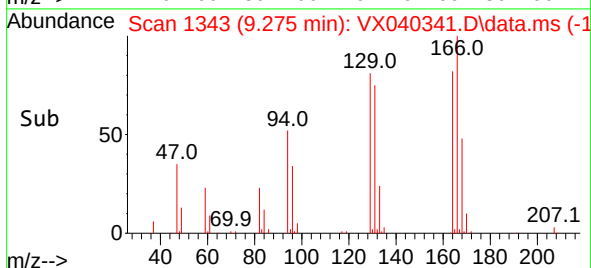
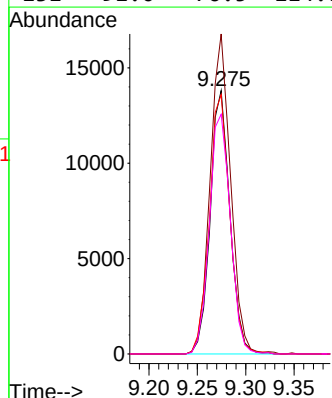
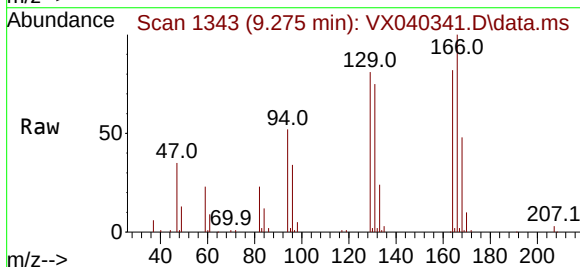
Ion Ratio Lower Upper

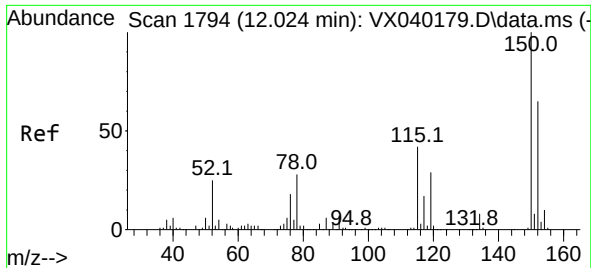
164 100

166 121.5 102.7 154.1

129 98.5 80.4 120.6

131 91.0 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: VX040341.D

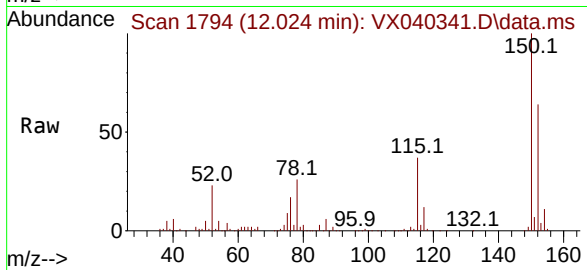
Acq: 19 Feb 2024 19:16

Instrument :

MSVOA_X

ClientSampleId :

RE131D2-20240214



Tgt Ion:152 Resp: 63423

Ion Ratio Lower Upper

152 100

115 61.0 43.3 129.9

150 156.3 0.0 345.0

