

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070224\
 Data File : VX042137.D
 Acq On : 02 Jul 2024 14:11
 Operator : JC/MD
 Sample : P3143-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 03 03:33:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 23:51:58 2024
 Response via : Initial Calibration

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

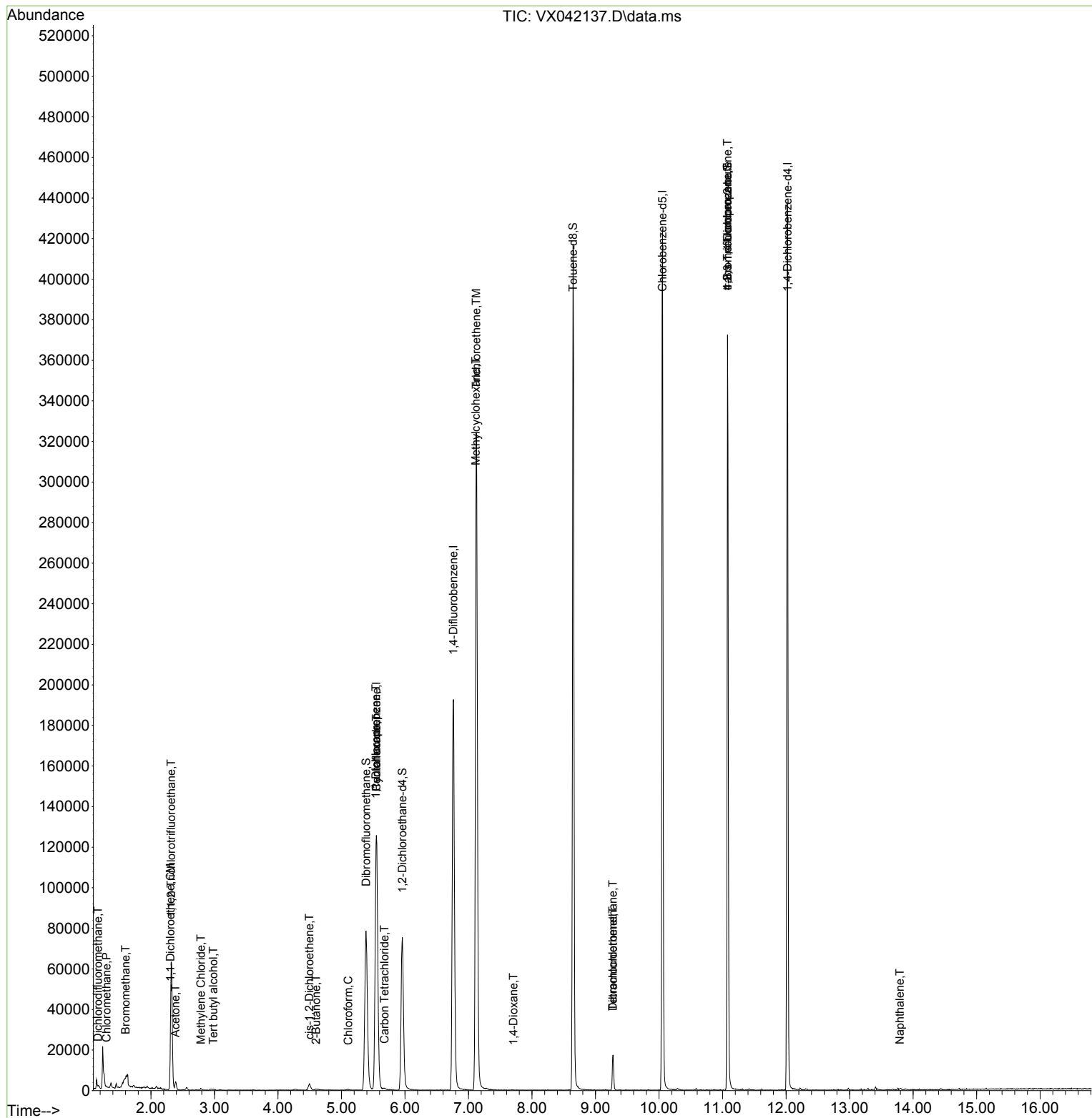
Internal Standards						
1) Pentafluorobenzene	5.550	168	144334	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	221203	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	215485	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	109189	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	72574	43.605	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	87.200%
35) Dibromofluoromethane	5.385	113	69758	44.445	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.880%
50) Toluene-d8	8.647	98	254830	46.216	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.440%
62) 4-Bromofluorobenzene	11.079	95	95927	47.195	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.400%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	310	0.282	ug/l	99
3) Chloromethane	1.301	50	511	0.370	ug/l	# 70
5) Bromomethane	1.599	94	294	0.431	ug/l	# 58
6) Chloroethane	1.648	64	163	Below Cal	#	43
9) 1,1,2-Trichlorotrifluo...	2.319	101	24457	19.597	ug/l	# 85
11) Tert butyl alcohol	2.983	59	1047	3.315	ug/l	# 78
12) 1,1-Dichloroethene	2.307	96	823	0.661	ug/l	# 53
16) Acetone	2.386	43	4360	5.966	ug/l	# 88
20) Methylene Chloride	2.788	84	322	0.201	ug/l	# 71
25) 2-Butanone	4.599	43	1692	1.488	ug/l	91
27) cis-1,2-Dichloroethene	4.495	96	2016	1.274	ug/l	83
30) Chloroform	5.105	83	616	0.253	ug/l	# 77
31) Cyclohexane	5.550	56	1968	1.011	ug/l	# 1
36) 1,1-Dichloropropene	5.544	75	7622	4.573	ug/l	# 51
38) Carbon Tetrachloride	5.678	117	754	0.409	ug/l	97
39) Methylcyclohexane	7.117	83	1459	0.692	ug/l	# 1
44) Trichloroethene	7.123	130	141906	94.179	ug/l	85
49) 1,4-Dioxane	7.708	88	195	24.473	ug/l	# 12
60) Dibromochloromethane	9.275	129	3512	2.168	ug/l	# 11
64) Tetrachloroethene	9.275	164	3673	2.341	ug/l	91
76) 1,2,3-Trichloropropane	11.079	75	43382	21.886	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.079	75	43382	62.153	ug/l	# 5
95) Naphthalene	13.792	128	472	0.807	ug/l	# 75

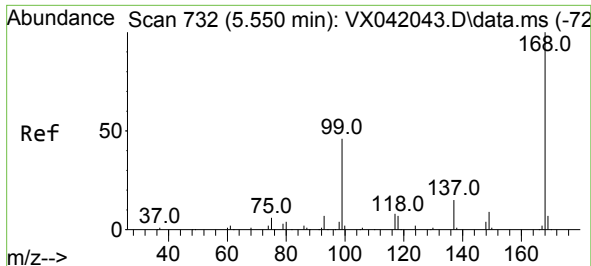
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070224\
Data File : VX042137.D
Acq On : 02 Jul 2024 14:11
Operator : JC/MD
Sample : P3143-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

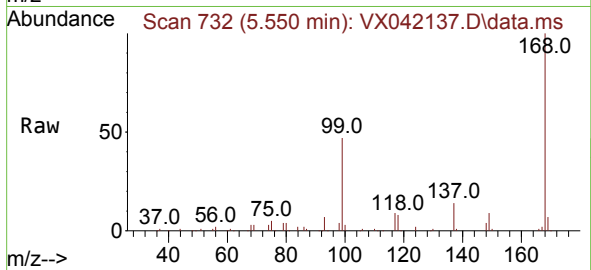
Quant Time: Jul 03 03:33:48 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 21 23:51:58 2024
Response via : Initial Calibration



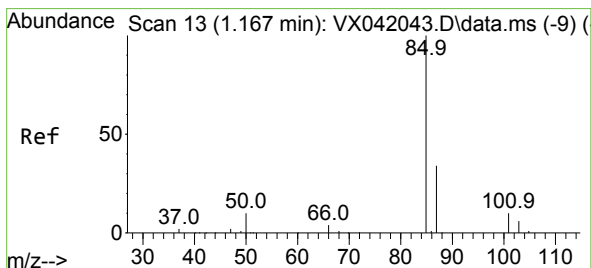
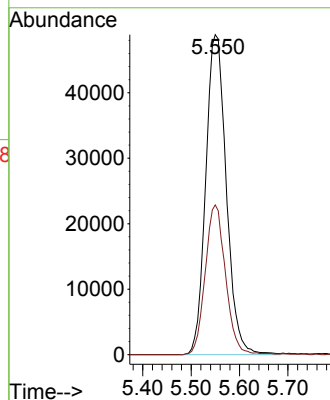
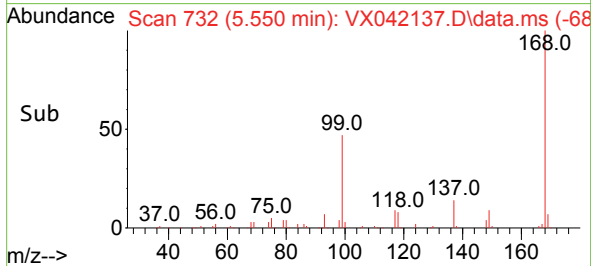


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX042137.D
Acq: 02 Jul 2024 14:11

Instrument :
MSVOA_X
ClientSampleId :

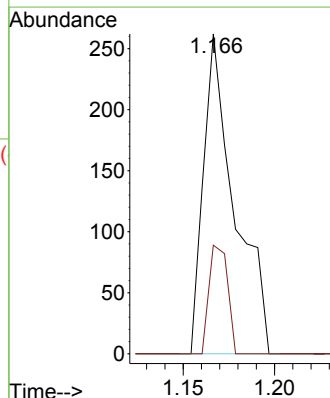
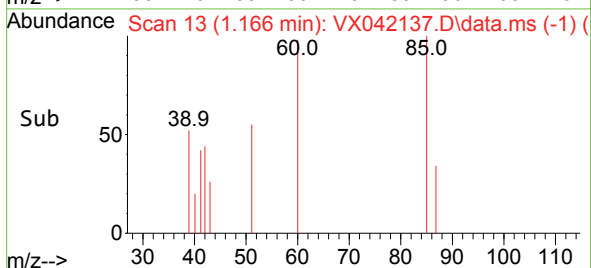
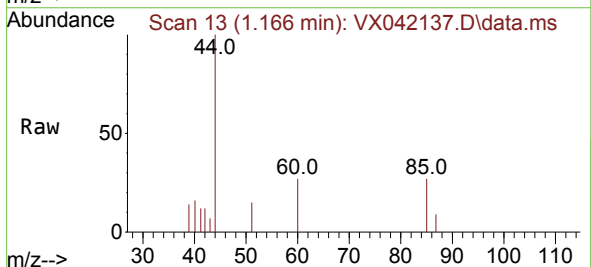


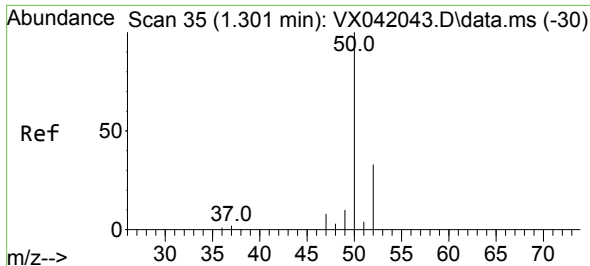
Tgt Ion:168 Resp: 144334
Ion Ratio Lower Upper
168 100
99 46.8 56.6 85.0#



#2
Dichlorodifluoromethane
Concen: 0.282 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX042137.D
Acq: 02 Jul 2024 14:11

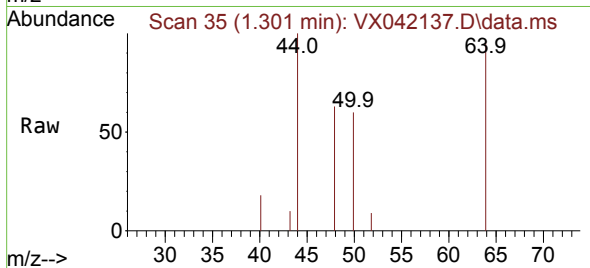
Tgt Ion: 85 Resp: 310
Ion Ratio Lower Upper
85 100
87 34.0 16.7 50.1



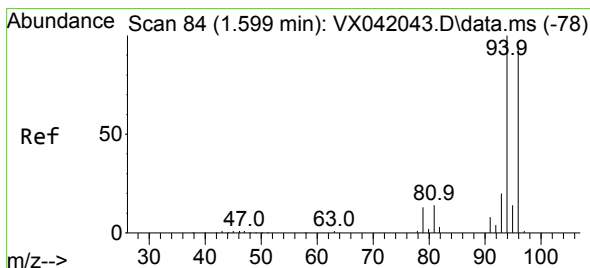
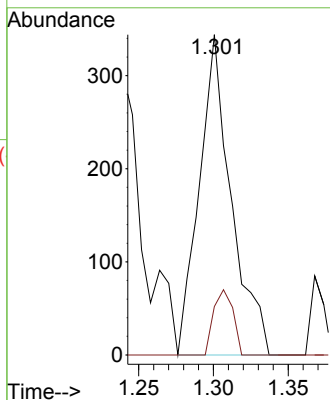
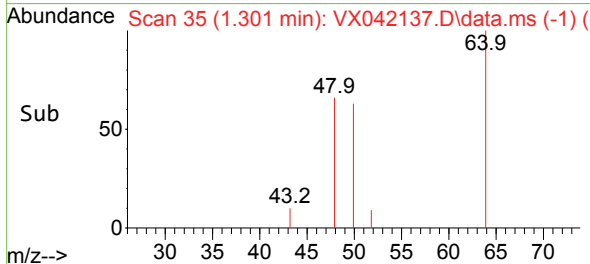


#3
Chloromethane
Concen: 0.370 ug/l
RT: 1.301 min Scan# 35
Delta R.T. -0.006 min
Lab File: VX042137.D
Acq: 02 Jul 2024 14:11

Instrument :
MSVOA_X
ClientSampleId :

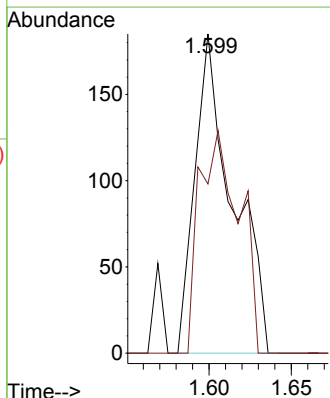
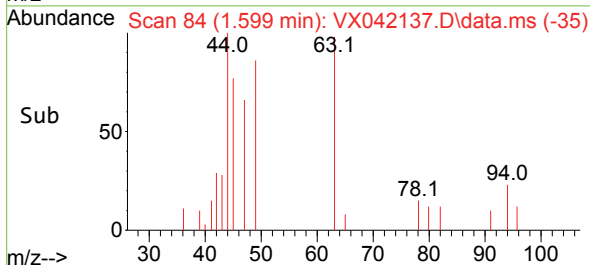
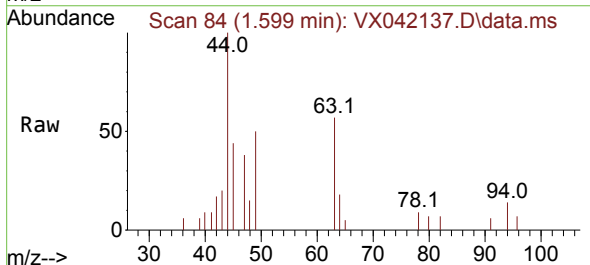


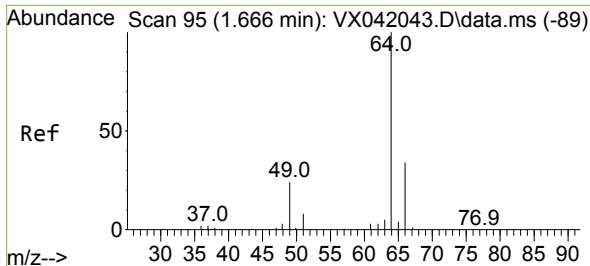
Tgt Ion: 50 Resp: 511
Ion Ratio Lower Upper
50 100
52 15.1 25.5 38.3#



#5
Bromomethane
Concen: 0.431 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX042137.D
Acq: 02 Jul 2024 14:11

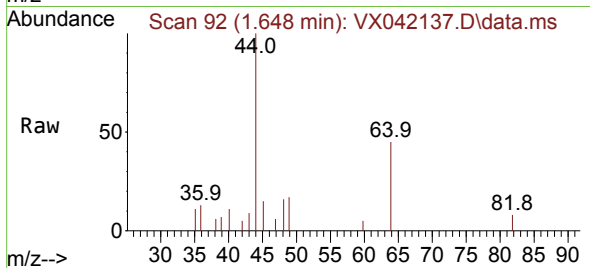
Tgt Ion: 94 Resp: 294
Ion Ratio Lower Upper
94 100
96 53.0 74.6 111.8#



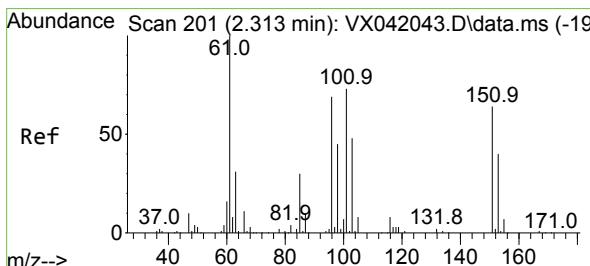
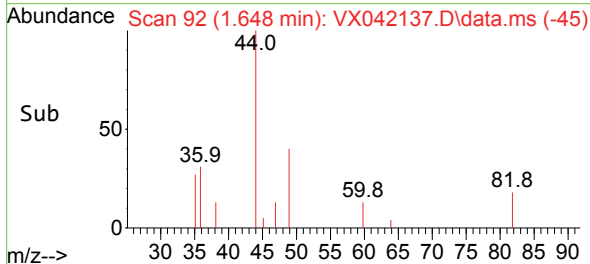
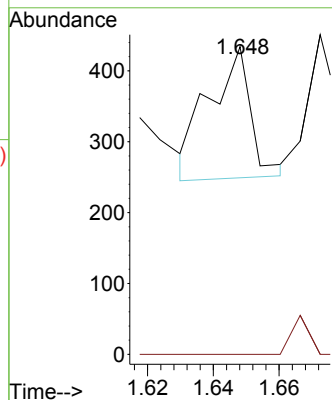


#6
Chloroethane
Concen: Below Cal
RT: 1.648 min Scan# 91
Delta R.T. -0.012 min
Lab File: VX042137.D
Acq: 02 Jul 2024 14:11

Instrument :
MSVOA_X
ClientSampleId :

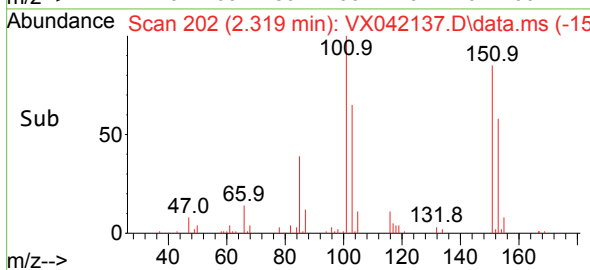
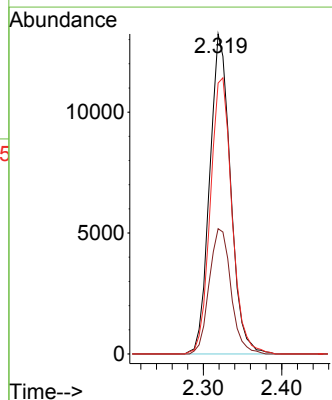
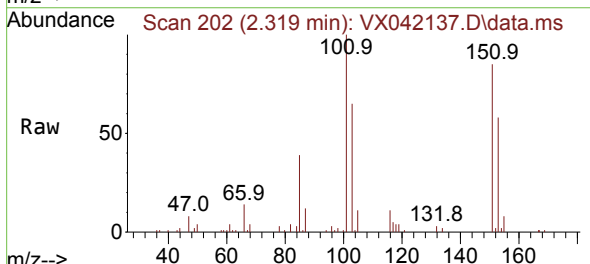


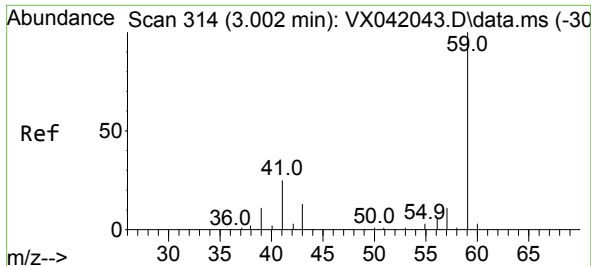
Tgt Ion: 64 Resp: 163
Ion Ratio Lower Upper
64 100
66 0.0 25.1 37.7#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.597 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.006 min
Lab File: VX042137.D
Acq: 02 Jul 2024 14:11

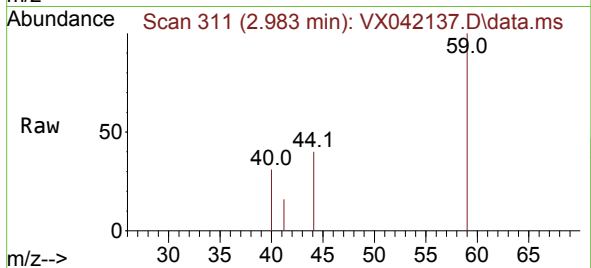
Tgt Ion: 101 Resp: 24457
Ion Ratio Lower Upper
101 100
85 40.7 37.0 55.6
151 89.3 58.6 87.8#



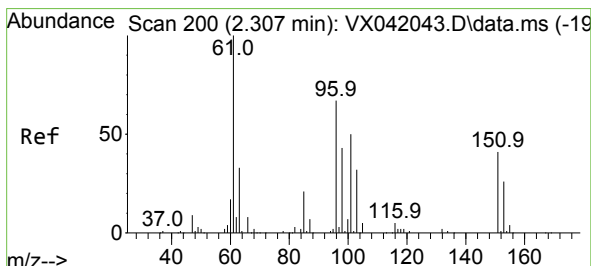
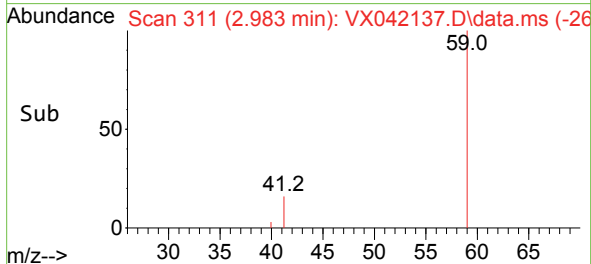
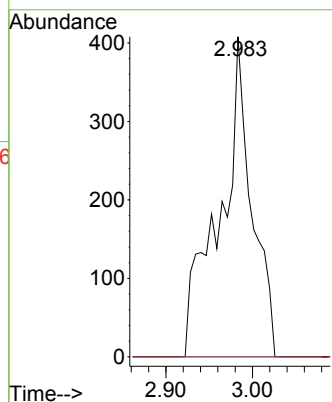


#11
Tert butyl alcohol
Concen: 3.315 ug/l
RT: 2.983 min Scan# 314
Delta R.T. -0.024 min
Lab File: VX042137.D
Acq: 02 Jul 2024 14:11

Instrument :
MSVOA_X
ClientSampleId :

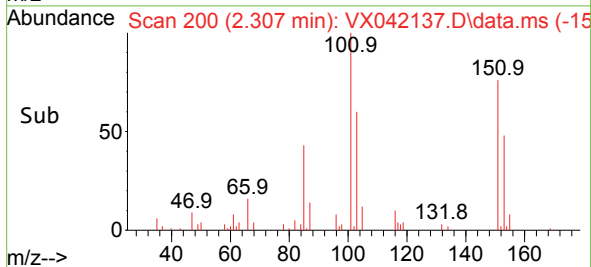
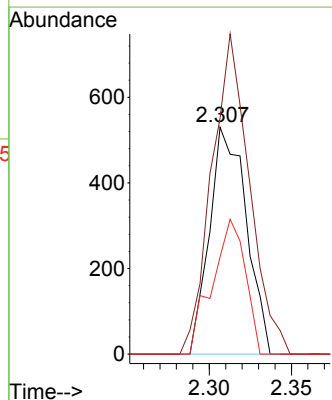
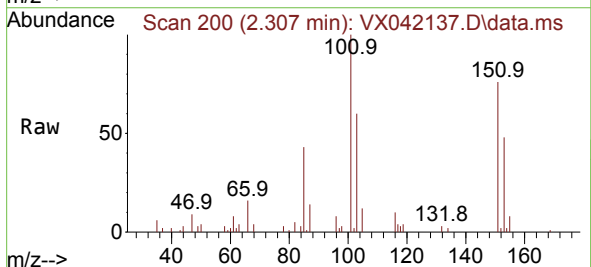


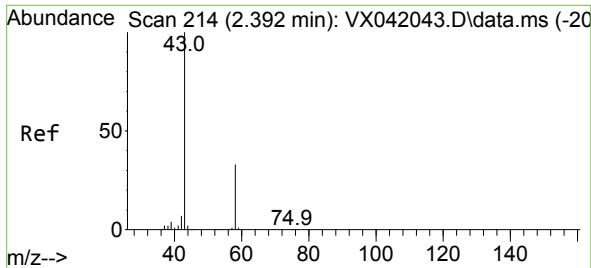
Tgt Ion: 59 Resp: 1047
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#



#12
1,1-Dichloroethene
Concen: 0.661 ug/l
RT: 2.307 min Scan# 200
Delta R.T. 0.000 min
Lab File: VX042137.D
Acq: 02 Jul 2024 14:11

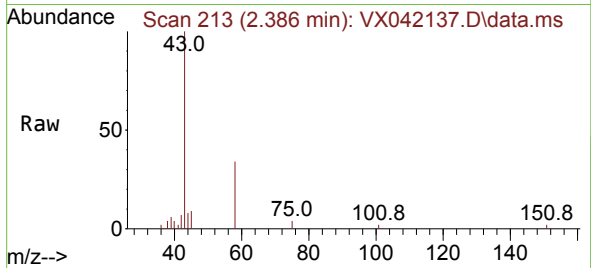
Tgt Ion: 96 Resp: 823
Ion Ratio Lower Upper
96 100
61 104.0 144.6 216.8#
98 42.8 50.4 75.6#



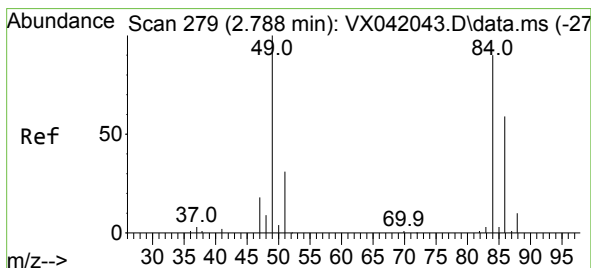
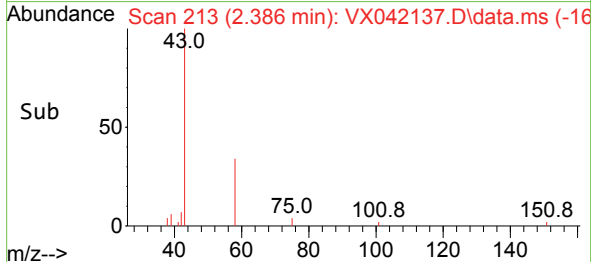
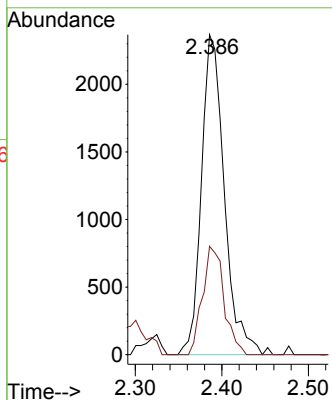


#16
Acetone
Concen: 5.966 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.012 min
Lab File: VX042137.D
Acq: 02 Jul 2024 14:11

Instrument :
MSVOA_X
ClientSampleId :

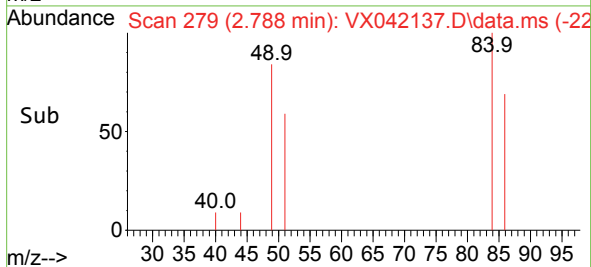
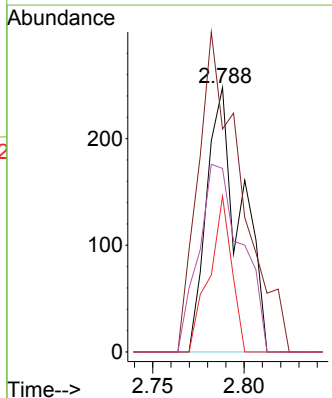
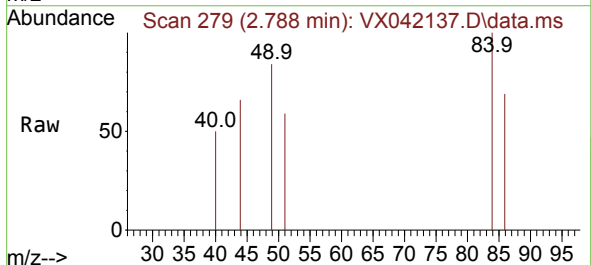


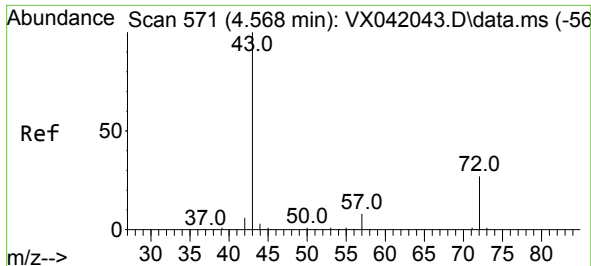
Tgt Ion: 43 Resp: 4360
Ion Ratio Lower Upper
43 100
58 33.8 21.9 32.9#



#20
Methylene Chloride
Concen: 0.201 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX042137.D
Acq: 02 Jul 2024 14:11

Tgt Ion: 84 Resp: 322
Ion Ratio Lower Upper
84 100
49 84.3 103.6 155.4#
51 58.9 33.8 50.6#
86 69.4 49.4 74.0

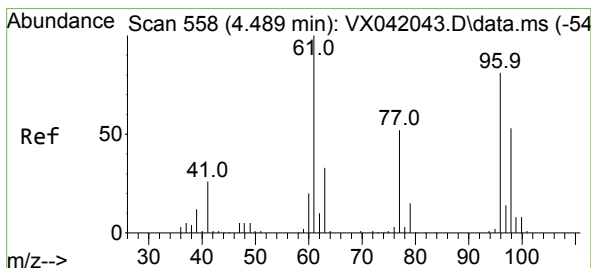
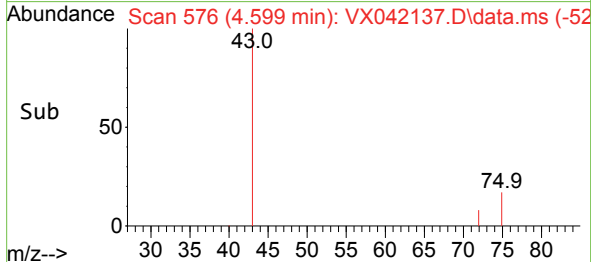
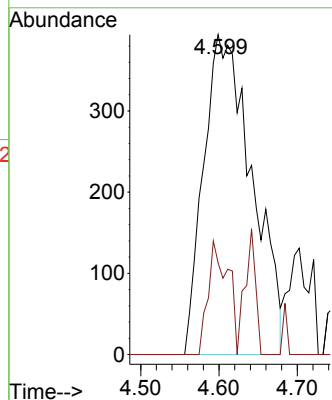
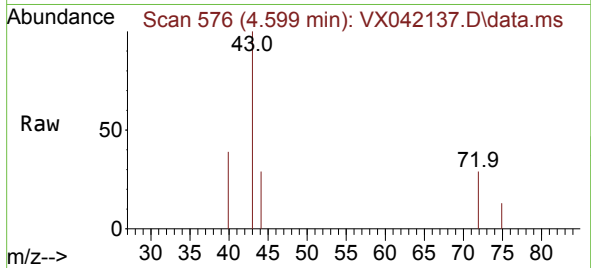




#25
2-Butanone
Concen: 1.488 ug/l
RT: 4.599 min Scan# 51
Delta R.T. 0.025 min
Lab File: VX042137.D
Acq: 02 Jul 2024 14:11

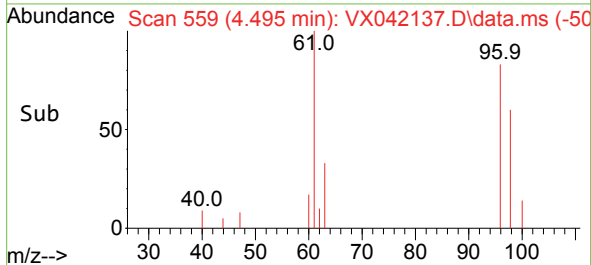
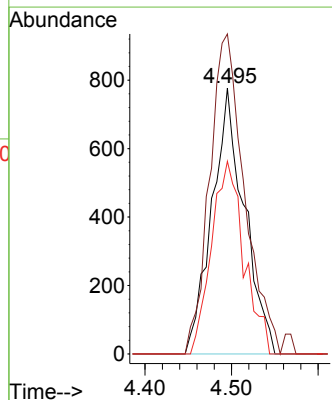
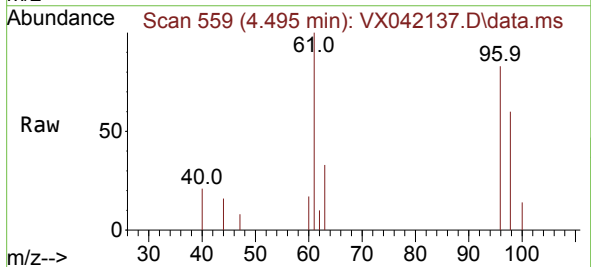
Instrument :
MSVOA_X
ClientSampleId :

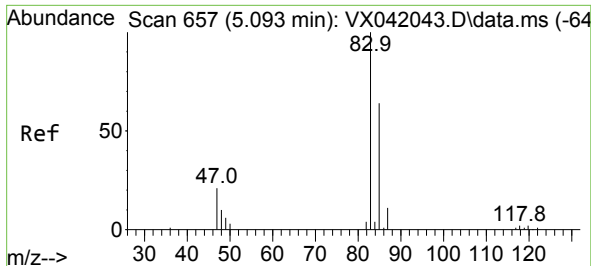
Tgt Ion: 43 Resp: 1692
Ion Ratio Lower Upper
43 100
72 28.7 19.4 29.2



#27
cis-1,2-Dichloroethene
Concen: 1.274 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.006 min
Lab File: VX042137.D
Acq: 02 Jul 2024 14:11

Tgt Ion: 96 Resp: 2016
Ion Ratio Lower Upper
96 100
61 129.8 0.0 312.2
98 72.8 0.0 129.0





#30

Chloroform

Concen: 0.253 ug/l

RT: 5.105 min Scan# 616

Delta R.T. 0.006 min

Lab File: VX042137.D

Acq: 02 Jul 2024 14:11

Instrument :

MSVOA_X

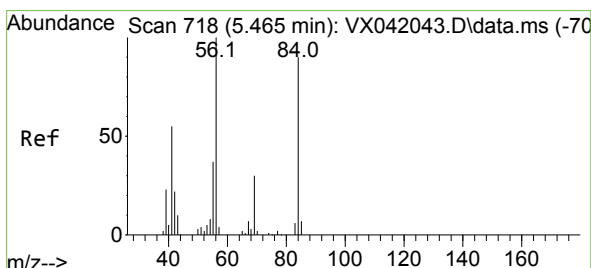
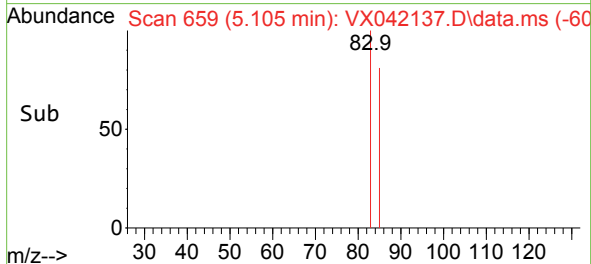
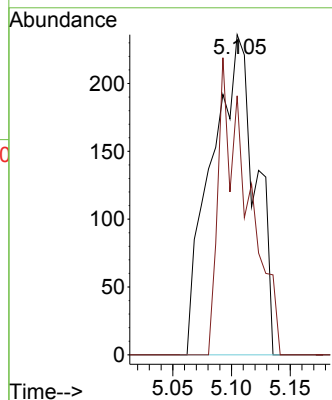
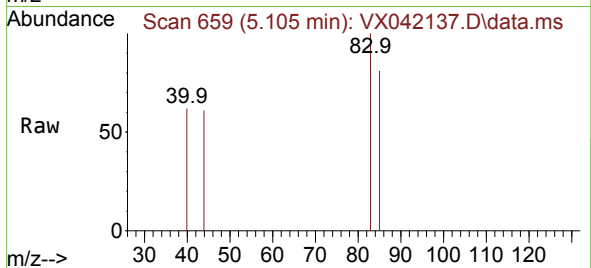
ClientSampleId :

Tgt Ion: 83 Resp: 616

Ion Ratio Lower Upper

83 100

85 80.9 50.3 75.5#



#31

Cyclohexane

Concen: 1.011 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.085 min

Lab File: VX042137.D

Acq: 02 Jul 2024 14:11

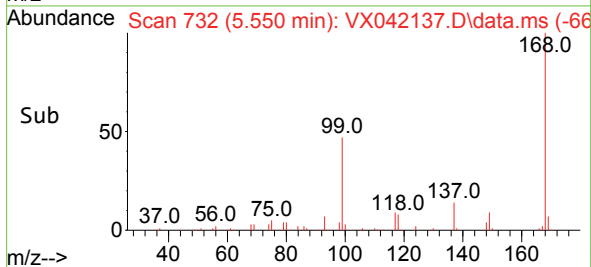
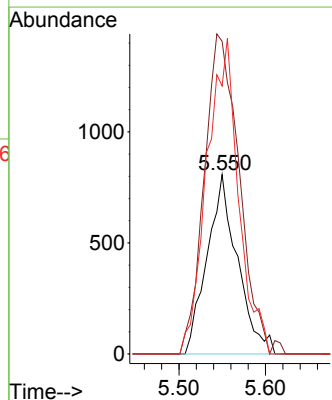
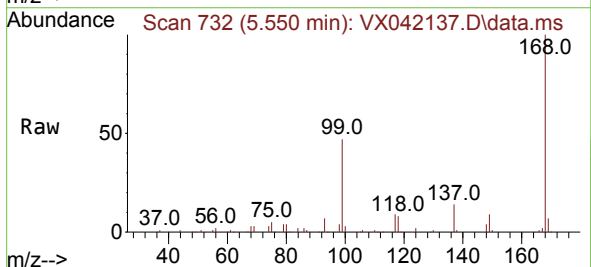
Tgt Ion: 56 Resp: 1968

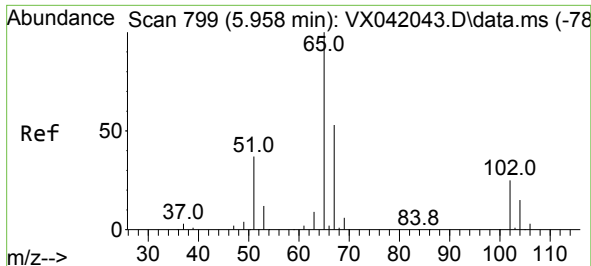
Ion Ratio Lower Upper

56 100

69 174.3 23.4 35.2#

84 149.4 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 43.605 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX042137.D

Acq: 02 Jul 2024 14:11

Instrument :

MSVOA_X

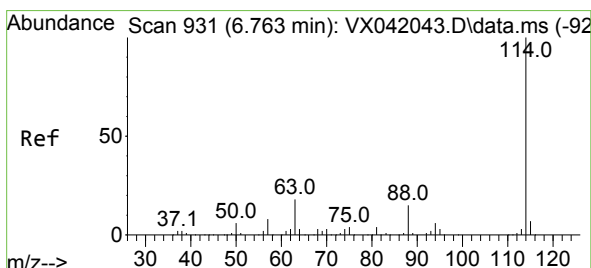
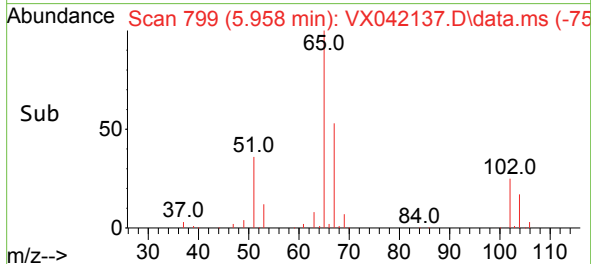
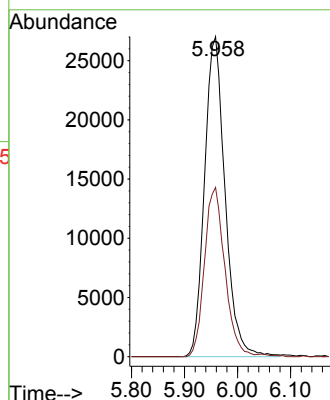
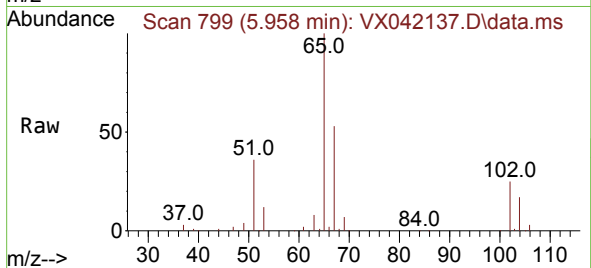
ClientSampleId :

Tgt Ion: 65 Resp: 72574

Ion Ratio Lower Upper

65 100

67 52.5 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: VX042137.D

Acq: 02 Jul 2024 14:11

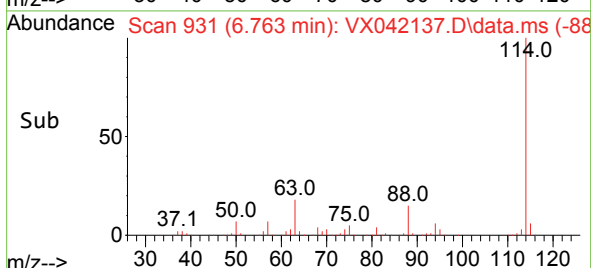
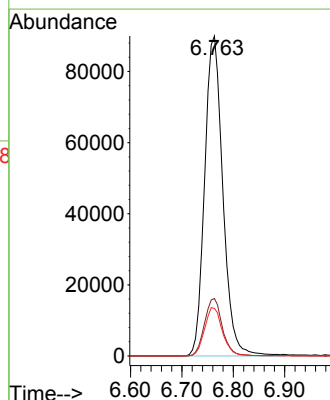
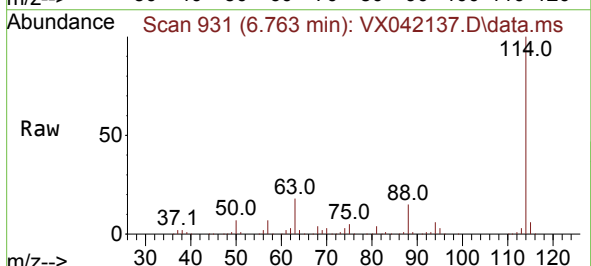
Tgt Ion: 114 Resp: 221203

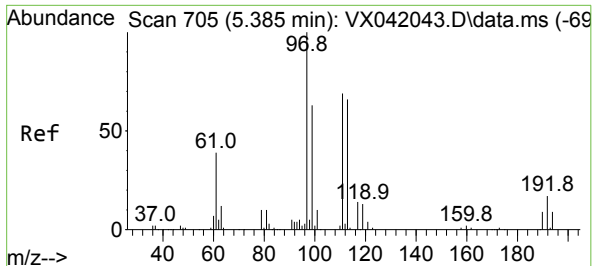
Ion Ratio Lower Upper

114 100

63 18.0 0.0 45.0

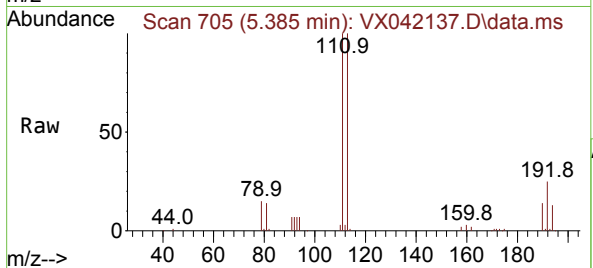
88 14.8 0.0 36.6



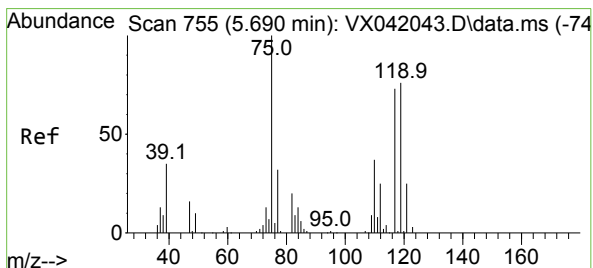
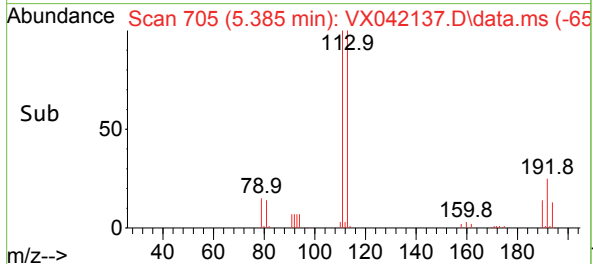
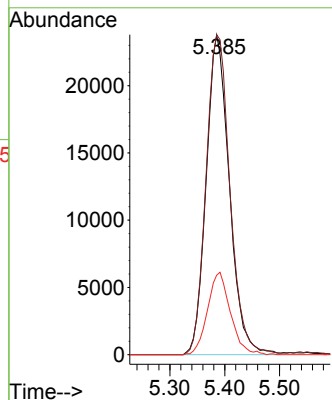


#35
Dibromofluoromethane
Concen: 44.445 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX042137.D
Acq: 02 Jul 2024 14:11

Instrument :
MSVOA_X
ClientSampleId :

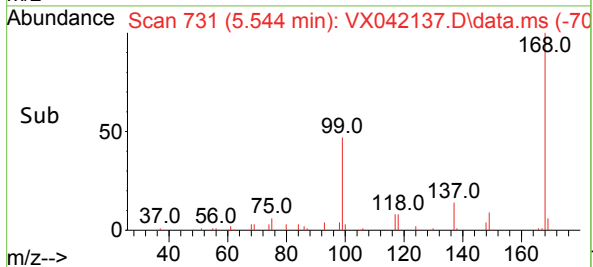
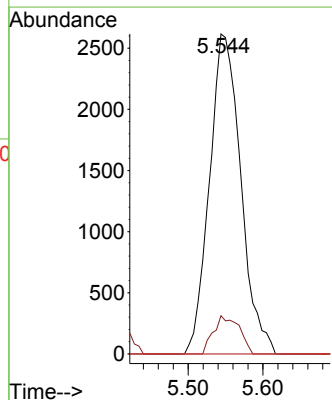
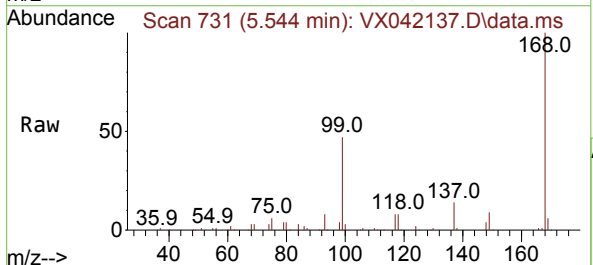


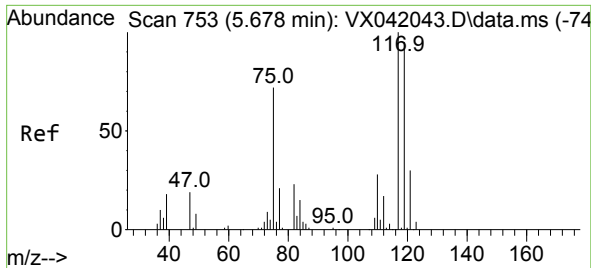
Tgt Ion:113 Resp: 69758
Ion Ratio Lower Upper
113 100
111 103.3 82.9 124.3
192 25.4 13.3 19.9#



#36
1,1-Dichloropropene
Concen: 4.573 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.146 min
Lab File: VX042137.D
Acq: 02 Jul 2024 14:11

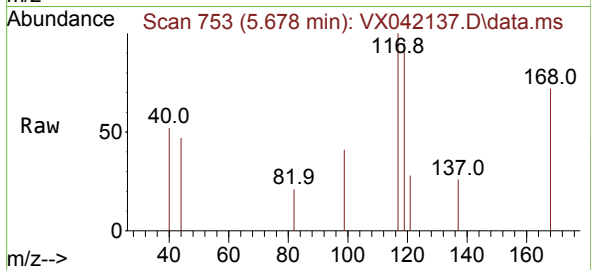
Tgt Ion: 75 Resp: 7622
Ion Ratio Lower Upper
75 100
110 9.8 17.0 50.9#
77 0.0 24.7 37.1#



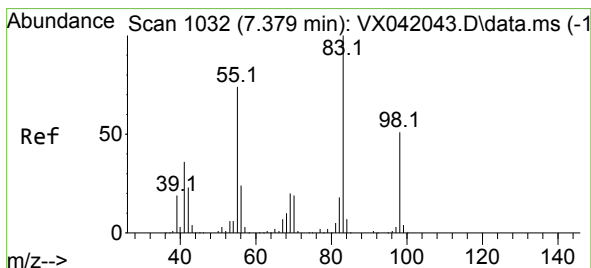
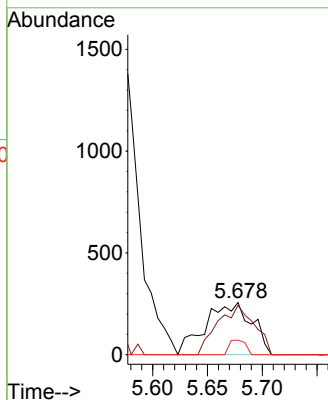
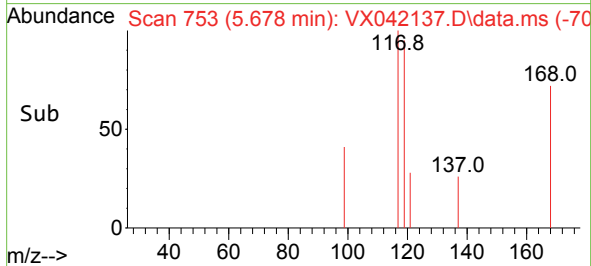


#38
Carbon Tetrachloride
Concen: 0.409 ug/l
RT: 5.678 min Scan# 711
Delta R.T. 0.000 min
Lab File: VX042137.D
Acq: 02 Jul 2024 14:11

Instrument :
MSVOA_X
ClientSampleId :

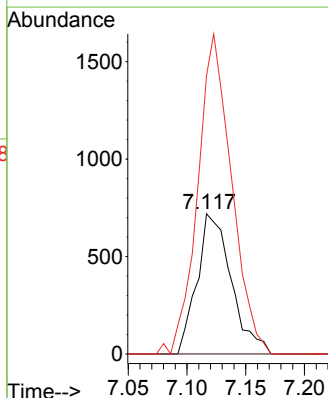
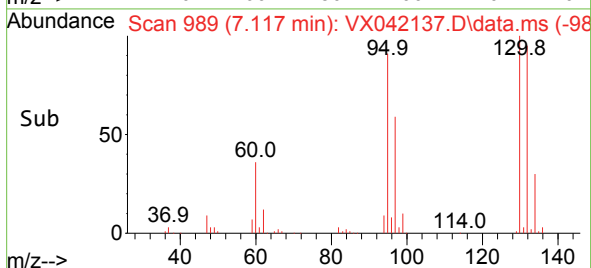
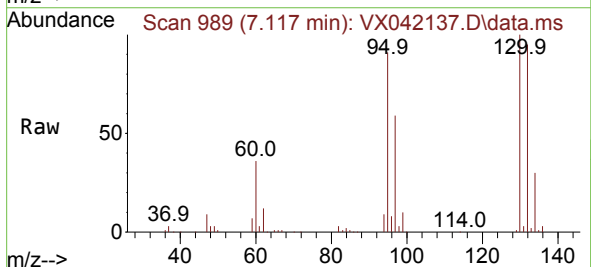


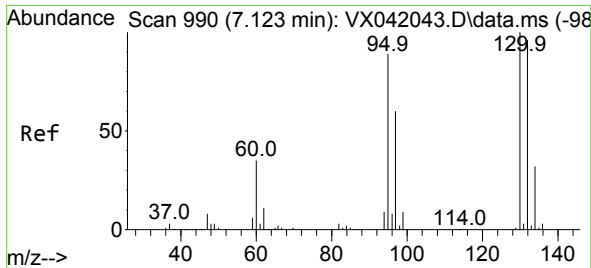
Tgt Ion:117 Resp: 754
Ion Ratio Lower Upper
117 100
119 94.5 78.2 117.2
121 28.1 24.4 36.6



#39
Methylcyclohexane
Concen: 0.692 ug/l
RT: 7.117 min Scan# 989
Delta R.T. -0.262 min
Lab File: VX042137.D
Acq: 02 Jul 2024 14:11

Tgt Ion: 83 Resp: 1459
Ion Ratio Lower Upper
83 100
55 0.0 64.6 97.0#
98 198.7 36.7 55.1#

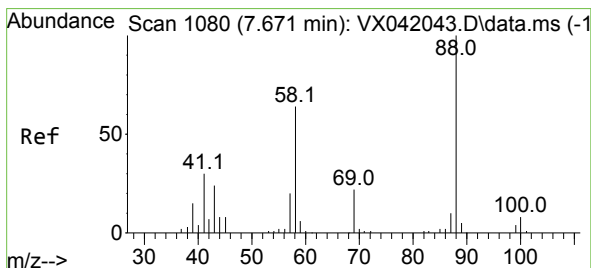
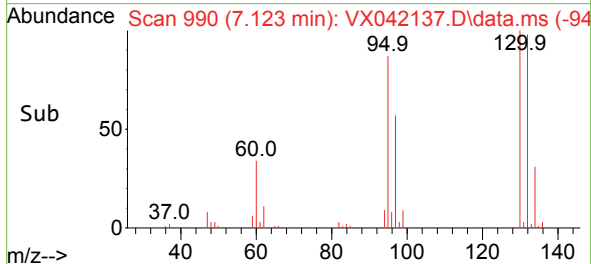
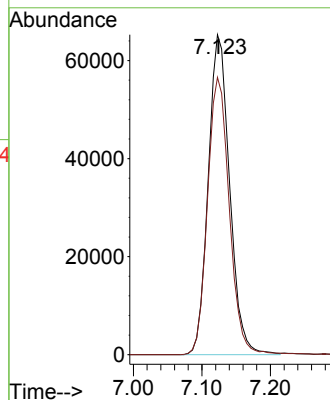
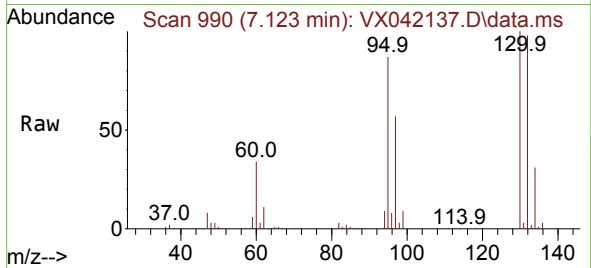




#44
Trichloroethene
Concen: 94.179 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.006 min
Lab File: VX042137.D
Acq: 02 Jul 2024 14:11

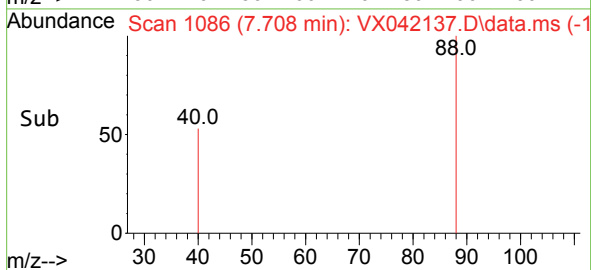
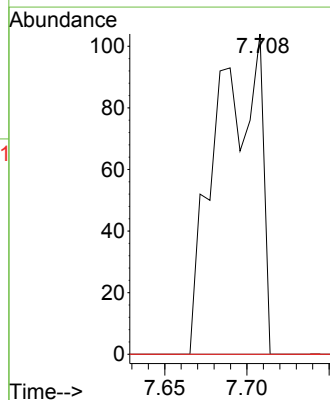
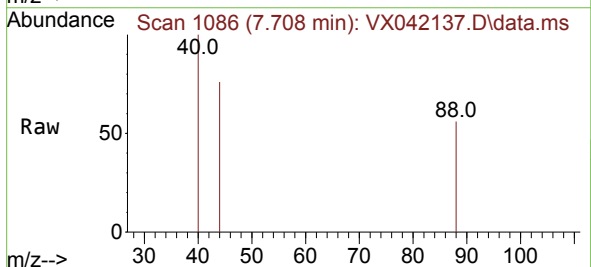
Instrument :
MSVOA_X
ClientSampleId :

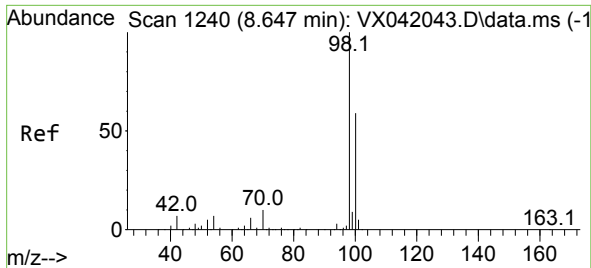
Tgt Ion:130 Resp: 141906
Ion Ratio Lower Upper
130 100
95 86.6 0.0 204.4



#49
1,4-Dioxane
Concen: 24.473 ug/l
RT: 7.708 min Scan# 1086
Delta R.T. 0.043 min
Lab File: VX042137.D
Acq: 02 Jul 2024 14:11

Tgt Ion: 88 Resp: 195
Ion Ratio Lower Upper
88 100
43 0.0 0.0 0.0
58 0.0 60.1 90.1#

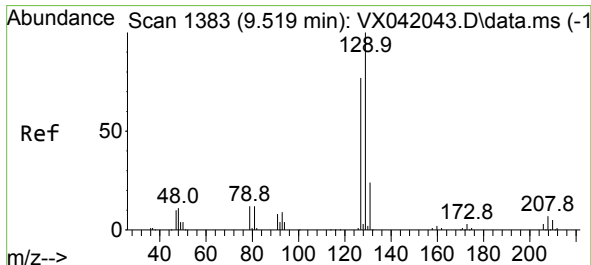
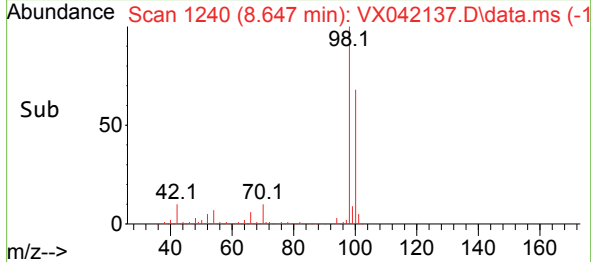
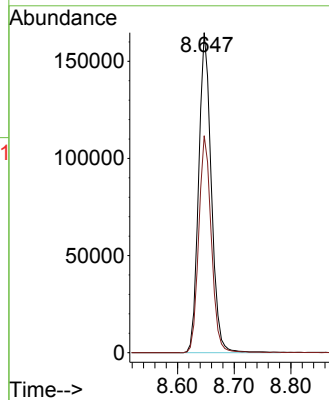
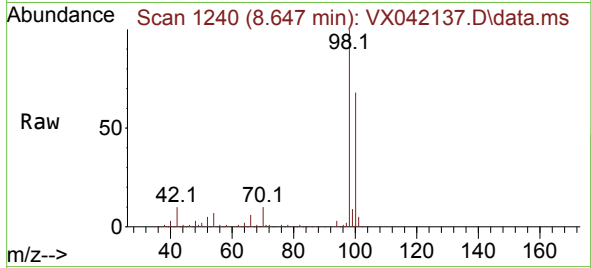




#50
Toluene-d8
Concen: 46.216 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX042137.D
Acq: 02 Jul 2024 14:11

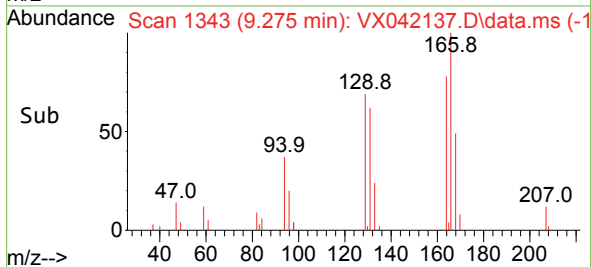
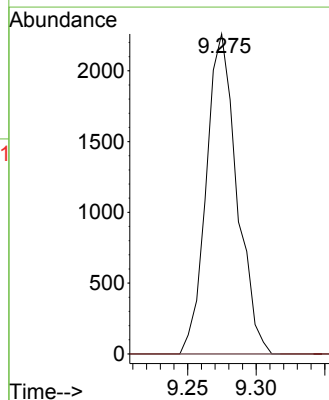
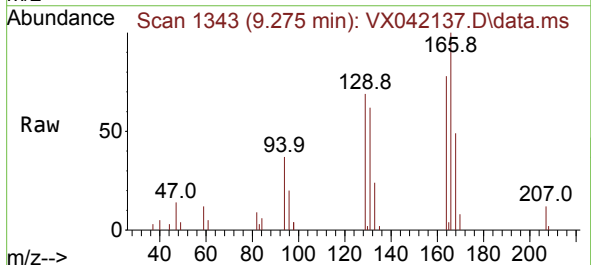
Instrument :
MSVOA_X
ClientSampleId :

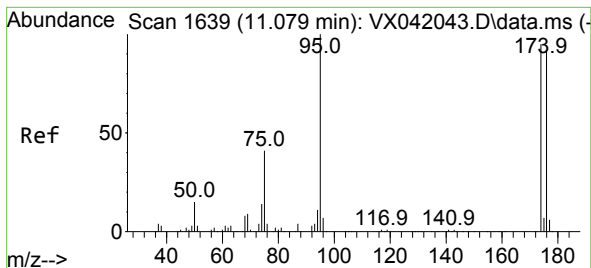
Tgt Ion: 98 Resp: 254830
Ion Ratio Lower Upper
98 100
100 67.6 53.1 79.7



#60
Dibromochloromethane
Concen: 2.168 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX042137.D
Acq: 02 Jul 2024 14:11

Tgt Ion: 129 Resp: 3512
Ion Ratio Lower Upper
129 100
127 0.0 38.8 116.4#

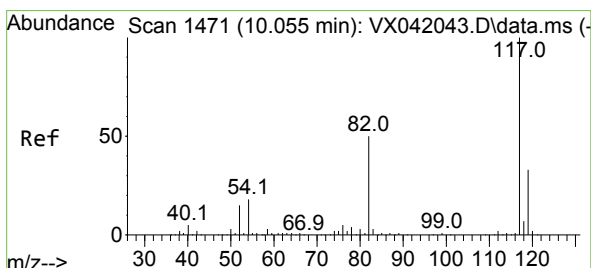
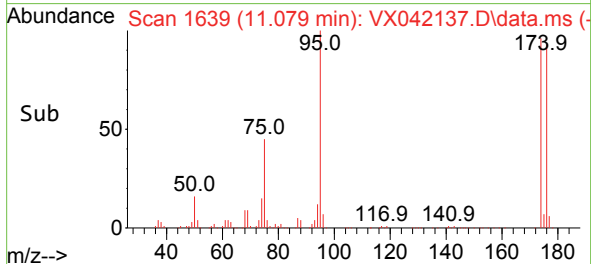
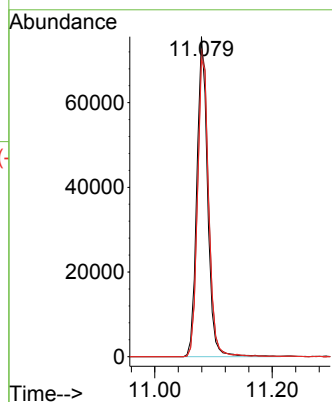
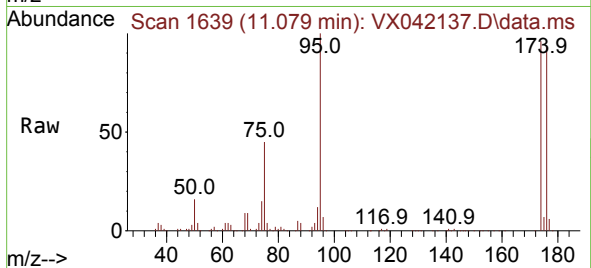




#62
4-Bromofluorobenzene
Concen: 47.195 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX042137.D
Acq: 02 Jul 2024 14:11

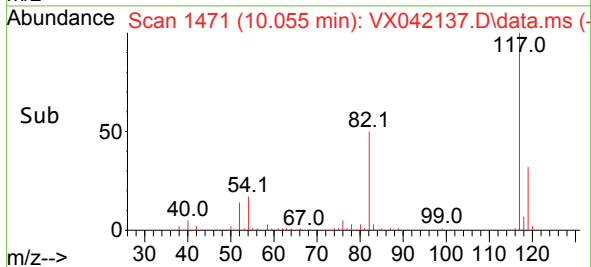
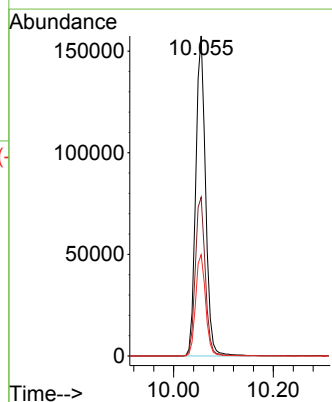
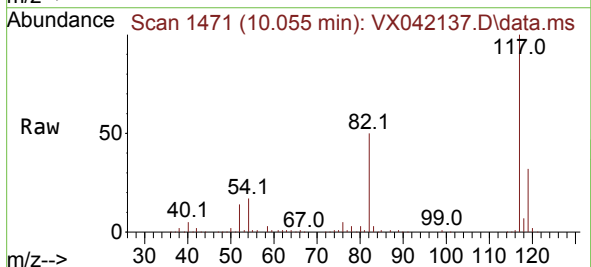
Instrument :
MSVOA_X
ClientSampleId :

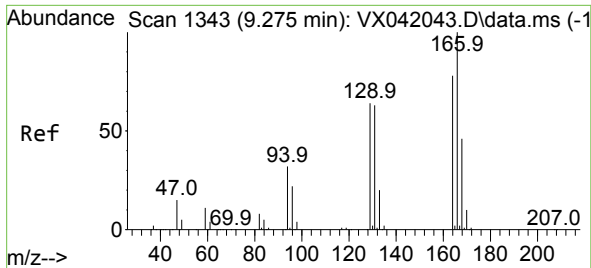
Tgt Ion: 95 Resp: 95927
Ion Ratio Lower Upper
95 100
174 99.3 0.0 135.6
176 97.6 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX042137.D
Acq: 02 Jul 2024 14:11

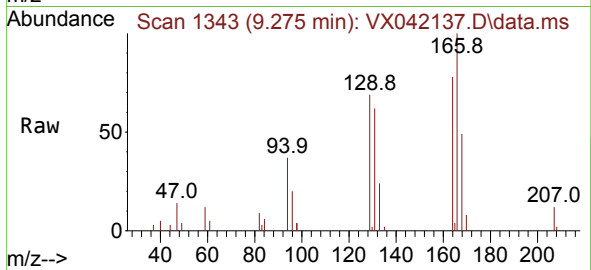
Tgt Ion: 117 Resp: 215485
Ion Ratio Lower Upper
117 100
82 49.6 46.2 69.4
119 31.7 25.5 38.3



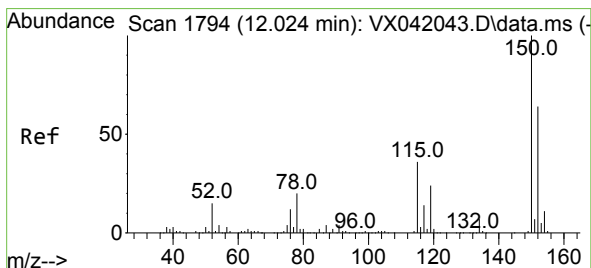
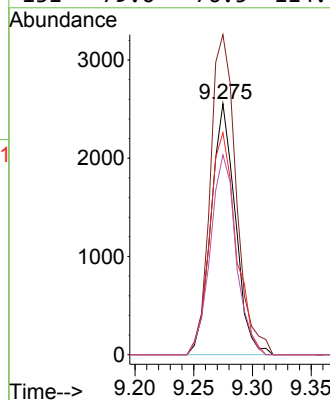
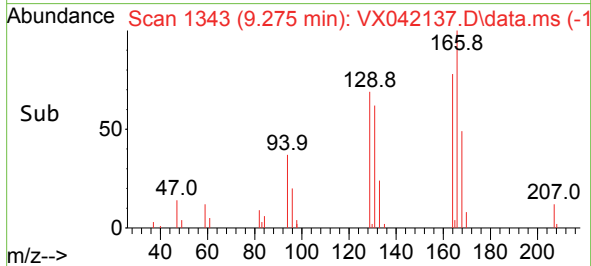


#64
Tetrachloroethene
Concen: 2.341 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX042137.D
Acq: 02 Jul 2024 14:11

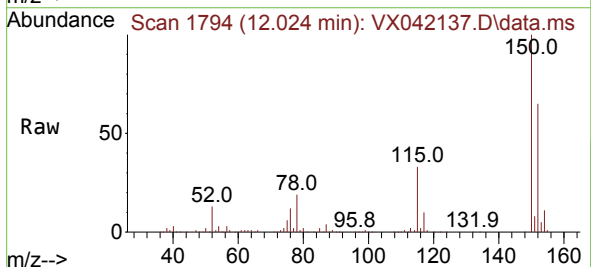
Instrument :
MSVOA_X
ClientSampleId :



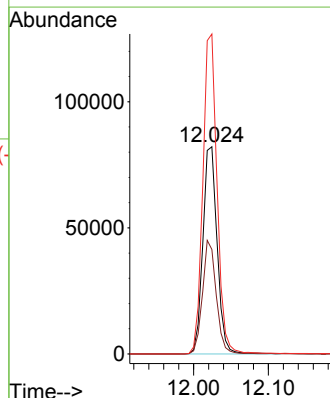
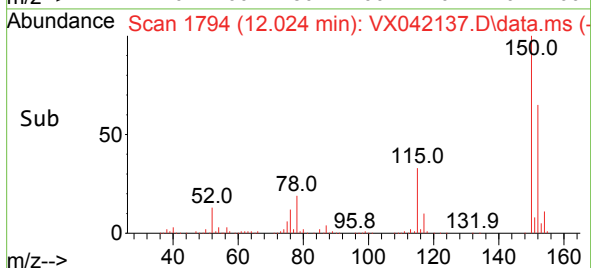
Tgt Ion:164 Resp: 3673
Ion Ratio Lower Upper
164 100
166 127.5 102.7 154.1
129 88.4 80.4 120.6
131 79.6 76.5 114.7

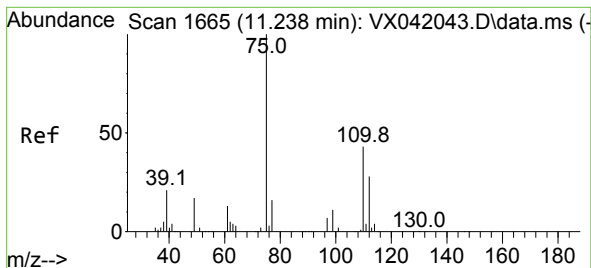


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX042137.D
Acq: 02 Jul 2024 14:11



Tgt Ion:152 Resp: 109189
Ion Ratio Lower Upper
152 100
115 52.7 43.3 129.9
150 153.7 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 21.886 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX042137.D

Acq: 02 Jul 2024 14:11

Instrument :

MSVOA_X

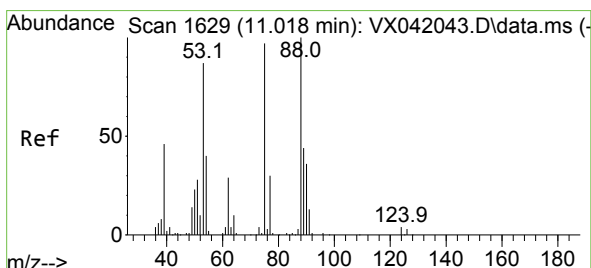
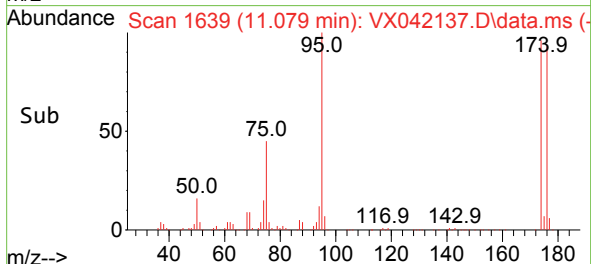
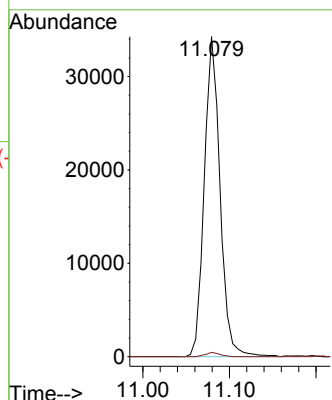
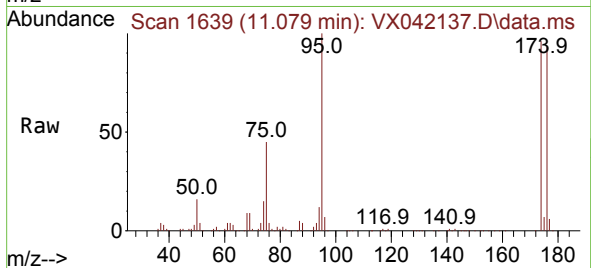
ClientSampleId :

Tgt Ion: 75 Resp: 43382

Ion Ratio Lower Upper

75 100

77 1.2 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 62.153 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX042137.D

Acq: 02 Jul 2024 14:11

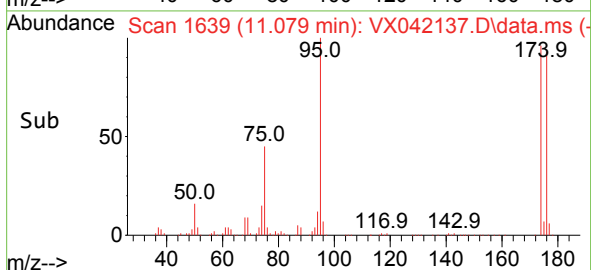
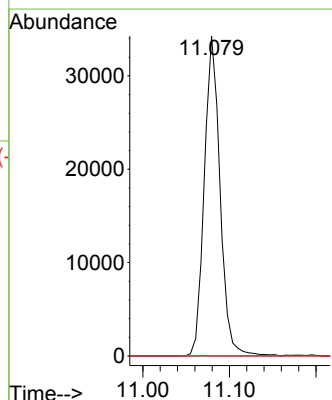
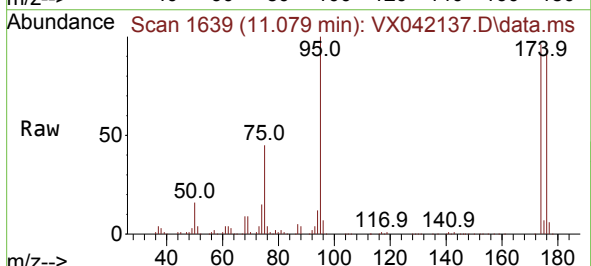
Tgt Ion: 75 Resp: 43382

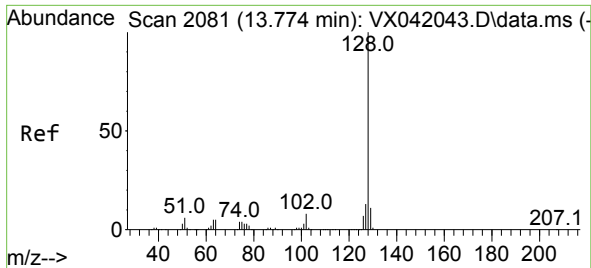
Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

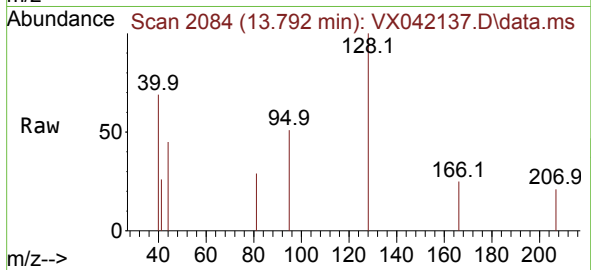
89 0.0 36.9 55.3#





#95
Naphthalene
Concen: 0.807 ug/l
RT: 13.792 min Scan# 2084
Delta R.T. 0.018 min
Lab File: VX042137.D
Acq: 02 Jul 2024 14:11

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:128 Resp: 472
Ion Ratio Lower Upper
128 100
127 4.0 10.3 15.5#
129 0.0 8.8 13.2#

