

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021624\
 Data File : VX040273.D
 Acq On : 16 Feb 2024 13:13
 Operator : JC/MD
 Sample : P1507-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE134D1-20240212

Quant Time: Feb 17 01:34:37 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)

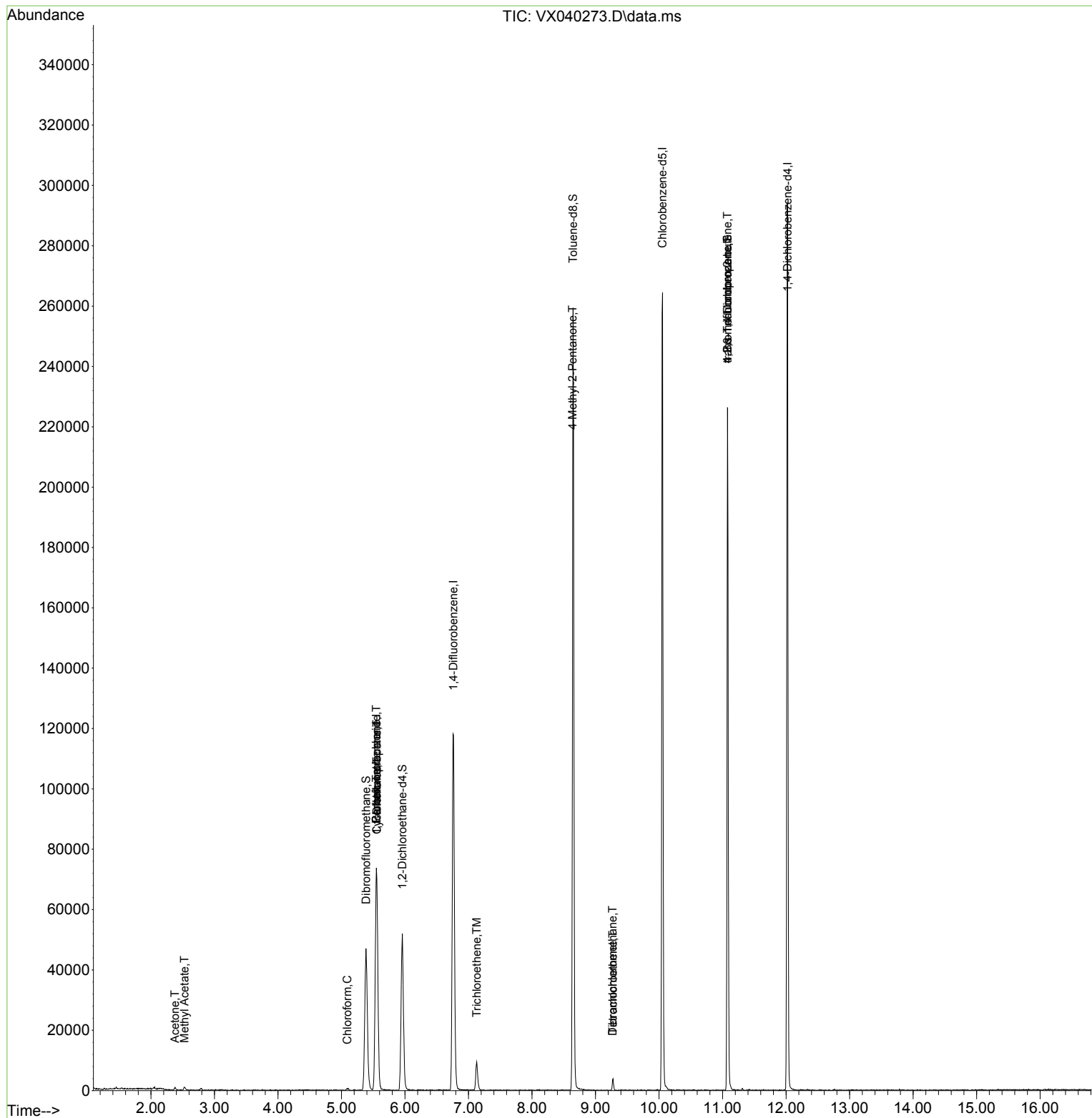
Internal Standards						
1) Pentafluorobenzene	5.550	168	71121	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	121180	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	119715	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	61894	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	48395	45.739	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.480%
35) Dibromofluoromethane	5.385	113	40109	47.396	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.800%
50) Toluene-d8	8.647	98	148553	46.927	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.860%
62) 4-Bromofluorobenzene	11.079	95	59316	45.944	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.880%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	789	1.816	ug/l #	69
18) Methyl Acetate	2.526	43	382	0.328	ug/l #	53
20) Methylene Chloride	2.794	84	235	Below Cal	#	70
30) Chloroform	5.093	83	729	0.453	ug/l #	82
31) Cyclohexane	5.556	56	1503	1.191	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	5530	4.665	ug/l #	49
38) Carbon Tetrachloride	5.550	117	7256	6.438	ug/l #	14
44) Trichloroethene	7.129	130	3872	4.234	ug/l	98
51) 4-Methyl-2-Pentanone	8.641	43	687	0.489	ug/l #	1
60) Dibromochloromethane	9.269	129	610	0.646	ug/l #	11
64) Tetrachloroethene	9.275	164	646	0.770	ug/l	83
76) 1,2,3-Trichloropropane	11.079	75	31404	25.055	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.079	75	31404	68.913	ug/l #	5

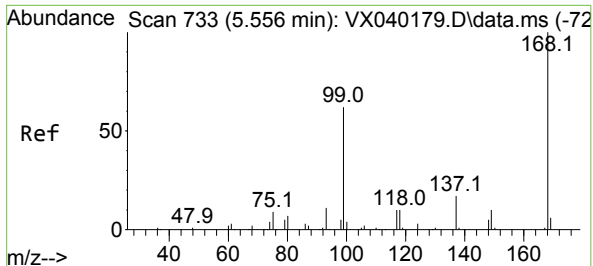
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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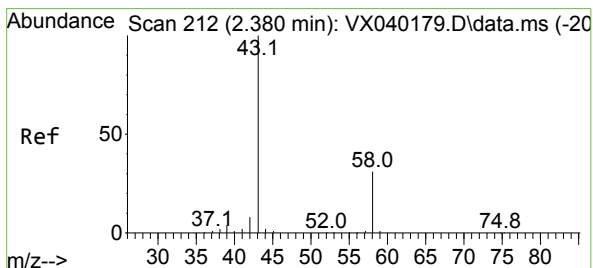
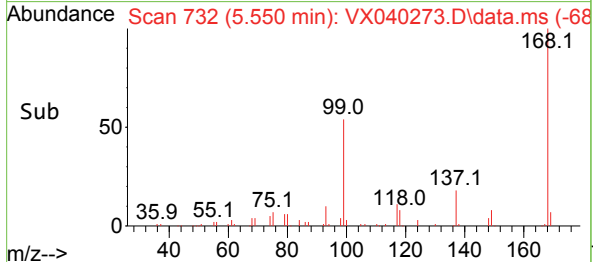
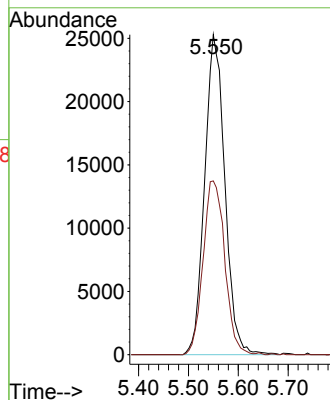
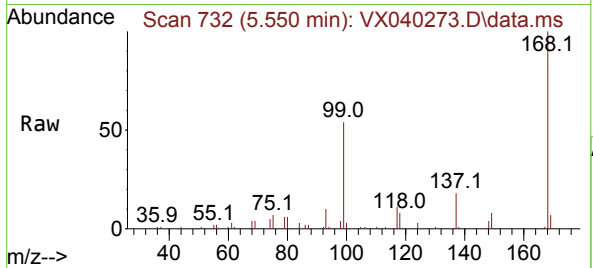




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX040273.D
Acq: 16 Feb 2024 13:13

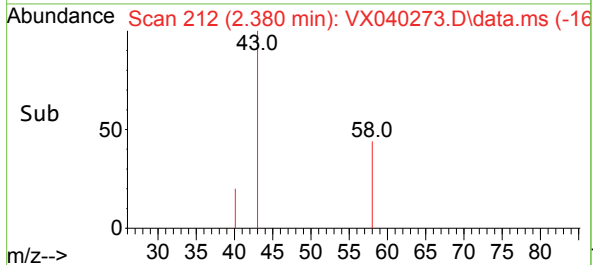
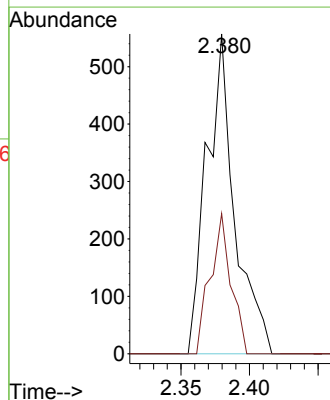
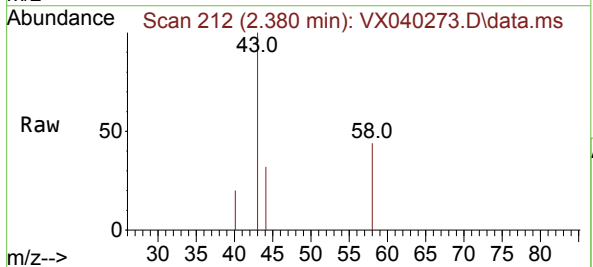
Instrument :
MSVOA_X
ClientSampleId :
RE134D1-20240212

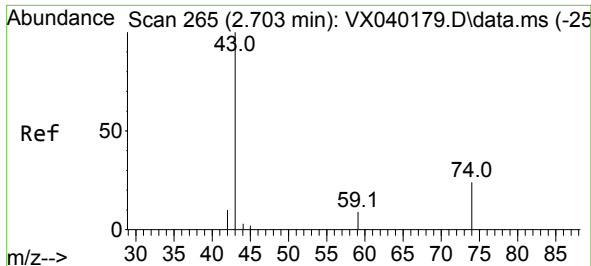
Tgt Ion:168 Resp: 71121
Ion Ratio Lower Upper
168 100
99 54.3 56.6 85.0#



#16
Acetone
Concen: 1.816 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.000 min
Lab File: VX040273.D
Acq: 16 Feb 2024 13:13

Tgt Ion: 43 Resp: 789
Ion Ratio Lower Upper
43 100
58 43.8 21.9 32.9#





#18

Methyl Acetate

Concen: 0.328 ug/l

RT: 2.526 min Scan# 21

Delta R.T. -0.177 min

Lab File: VX040273.D

Acq: 16 Feb 2024 13:13

Instrument :

MSVOA_X

ClientSampleId :

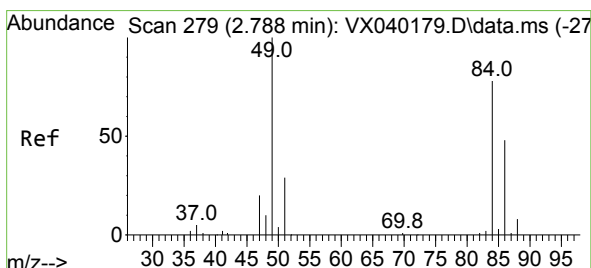
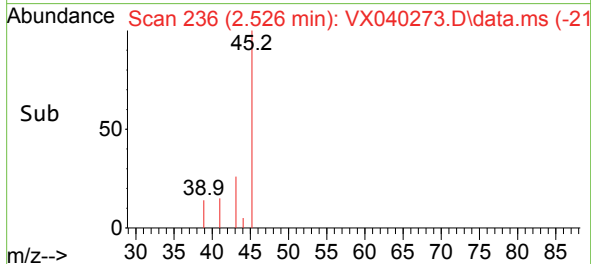
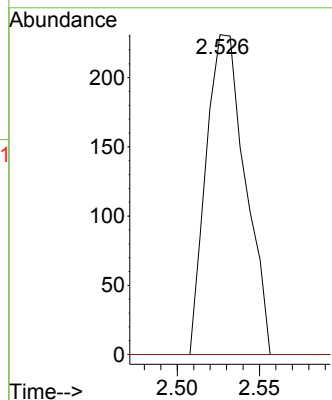
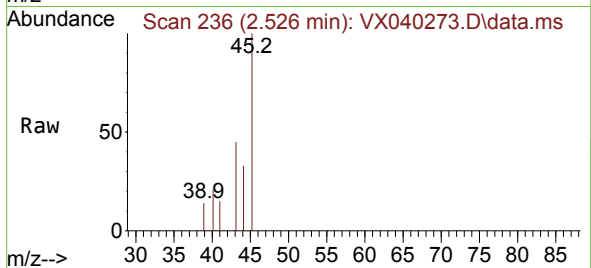
RE134D1-20240212

Tgt Ion: 43 Resp: 382

Ion Ratio Lower Upper

43 100

74 0.0 17.8 26.8#



#20

Methylene Chloride

Concen: Below Cal

RT: 2.794 min Scan# 280

Delta R.T. 0.006 min

Lab File: VX040273.D

Acq: 16 Feb 2024 13:13

Tgt Ion: 84 Resp: 235

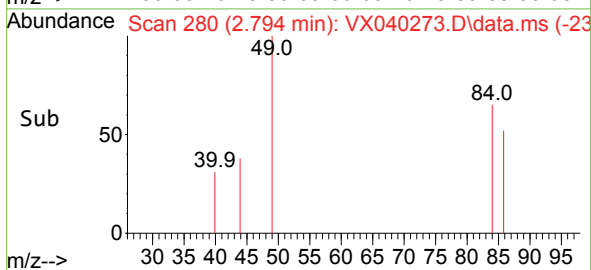
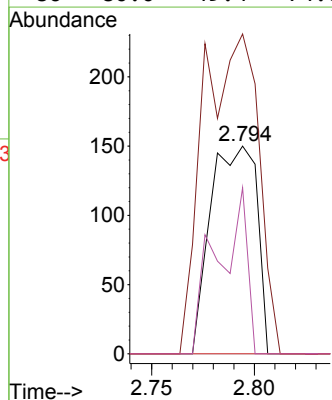
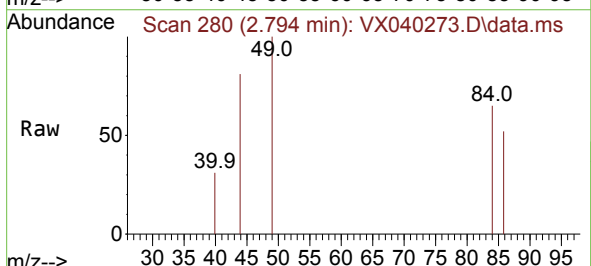
Ion Ratio Lower Upper

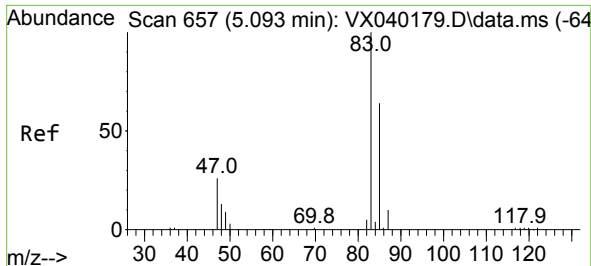
84 100

49 154.0 103.6 155.4

51 0.0 33.8 50.6#

86 80.0 49.4 74.0#

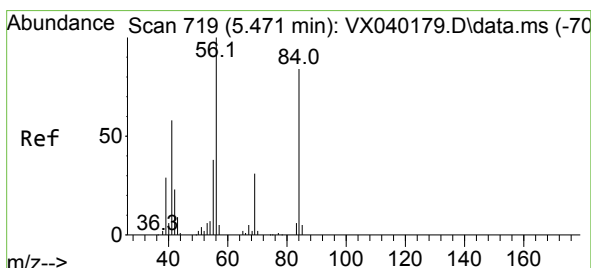
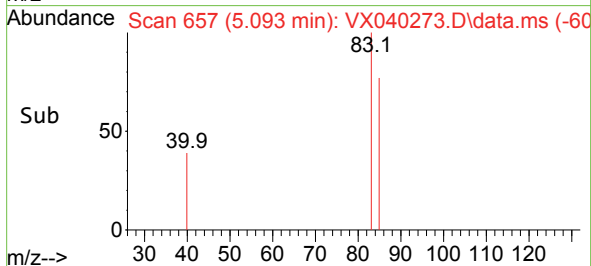
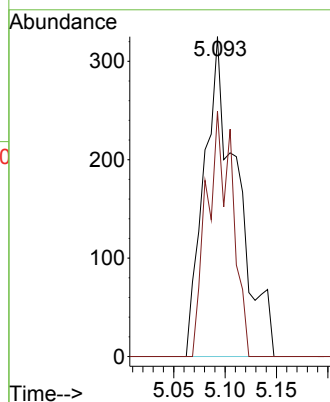
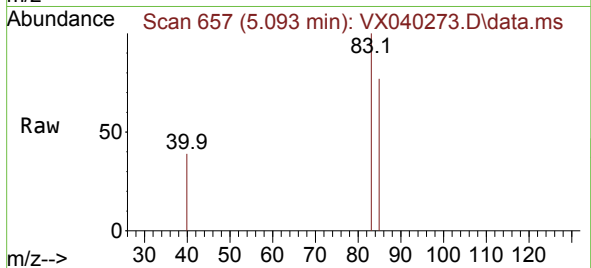




#30
Chloroform
Concen: 0.453 ug/l
RT: 5.093 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX040273.D
Acq: 16 Feb 2024 13:13

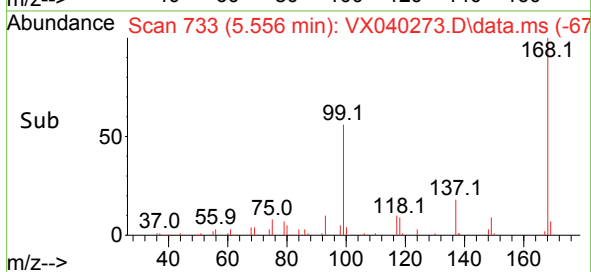
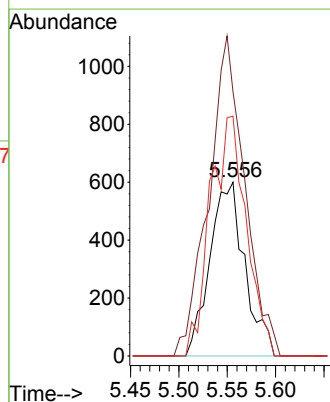
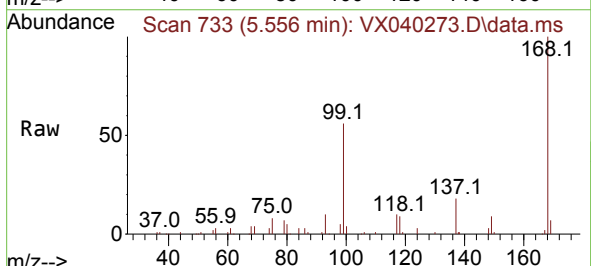
Instrument :
MSVOA_X
ClientSampleId :
RE134D1-20240212

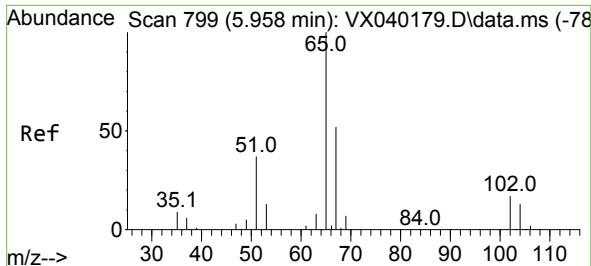
Tgt Ion: 83 Resp: 729
Ion Ratio Lower Upper
83 100
85 76.6 50.3 75.5#



#31
Cyclohexane
Concen: 1.191 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.085 min
Lab File: VX040273.D
Acq: 16 Feb 2024 13:13

Tgt Ion: 56 Resp: 1503
Ion Ratio Lower Upper
56 100
69 152.0 23.4 35.2#
84 138.0 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 45.739 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX040273.D

Acq: 16 Feb 2024 13:13

Instrument :

MSVOA_X

ClientSampleId :

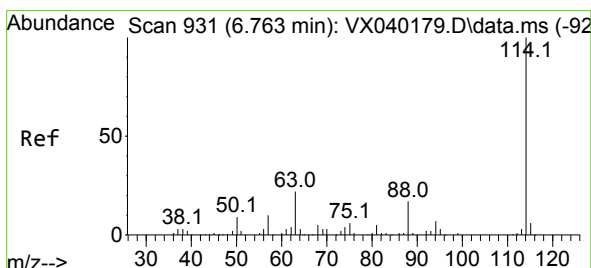
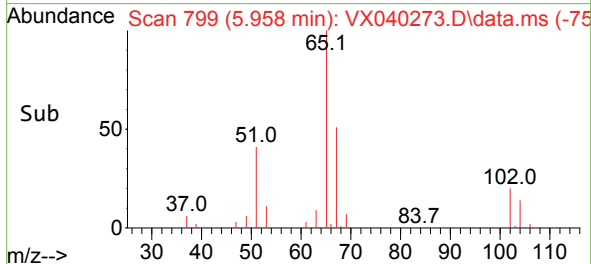
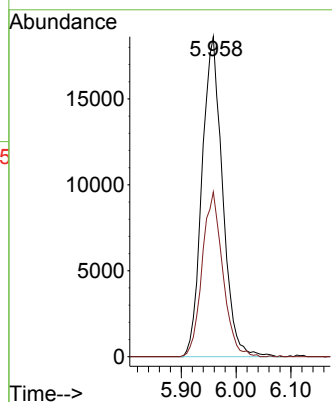
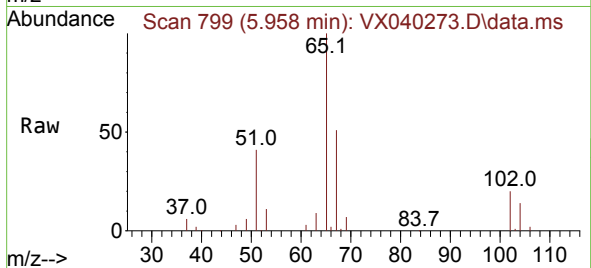
RE134D1-20240212

Tgt Ion: 65 Resp: 48395

Ion Ratio Lower Upper

65 100

67 51.6 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: VX040273.D

Acq: 16 Feb 2024 13:13

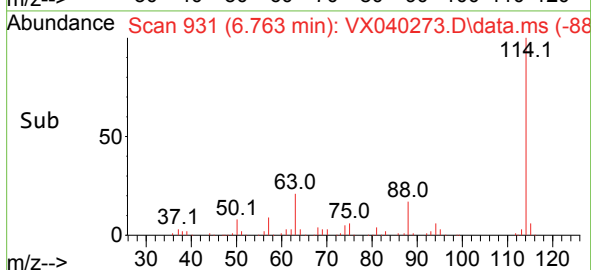
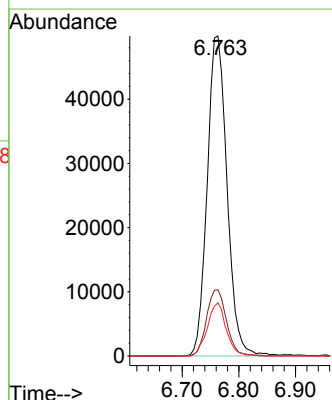
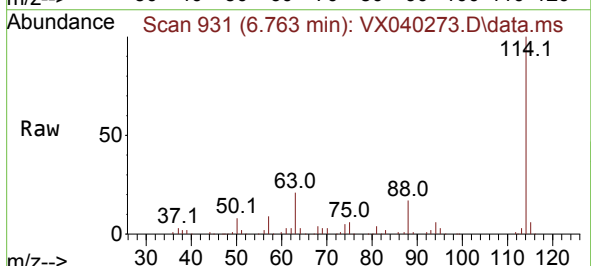
Tgt Ion: 114 Resp: 121180

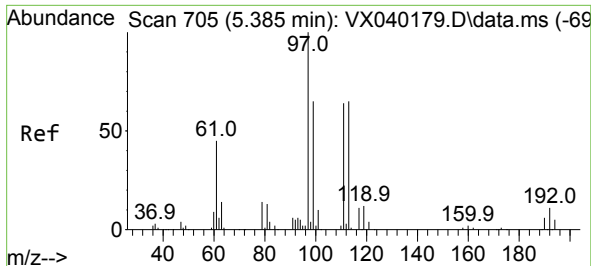
Ion Ratio Lower Upper

114 100

63 20.7 0.0 45.0

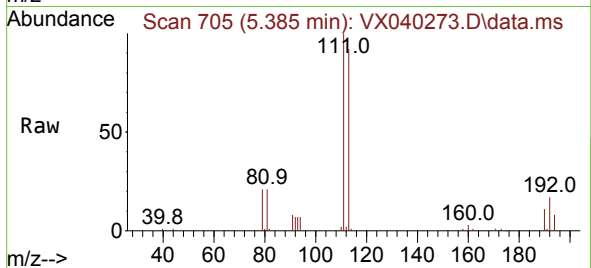
88 16.6 0.0 36.6



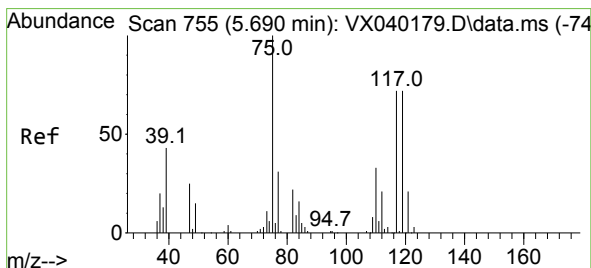
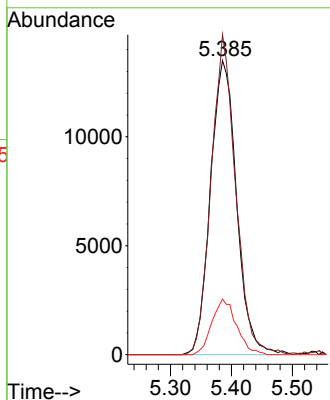
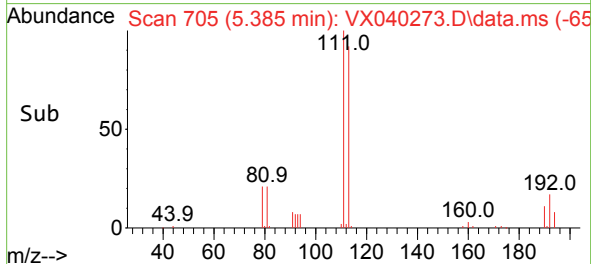


#35
Dibromofluoromethane
Concen: 47.396 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040273.D
Acq: 16 Feb 2024 13:13

Instrument :
MSVOA_X
ClientSampleId :
RE134D1-20240212

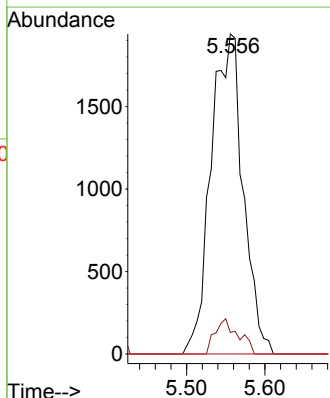
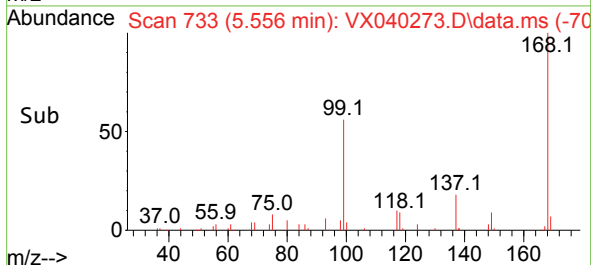
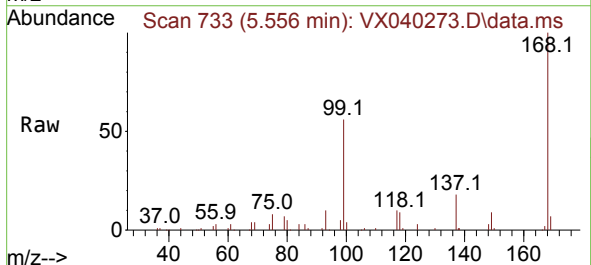


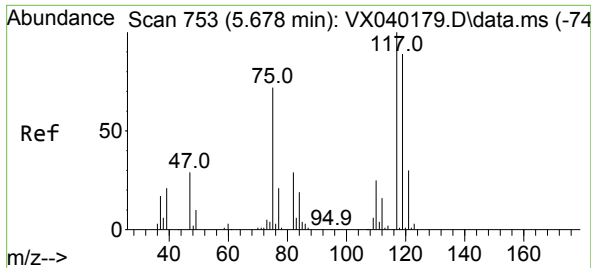
Tgt Ion:113 Resp: 40109
Ion Ratio Lower Upper
113 100
111 102.0 82.9 124.3
192 17.8 13.3 19.9



#36
1,1-Dichloropropene
Concen: 4.665 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX040273.D
Acq: 16 Feb 2024 13:13

Tgt Ion: 75 Resp: 5530
Ion Ratio Lower Upper
75 100
110 7.9 17.0 50.9#
77 0.0 24.7 37.1#

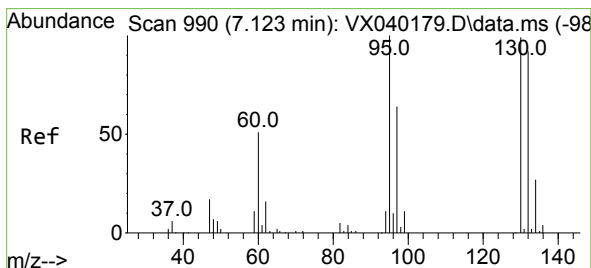
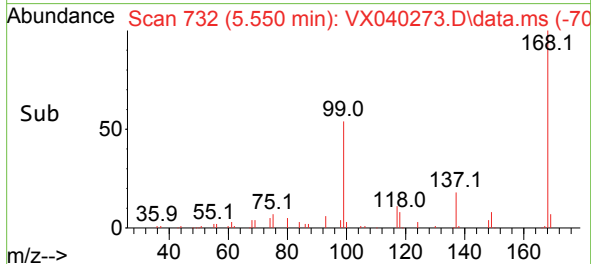
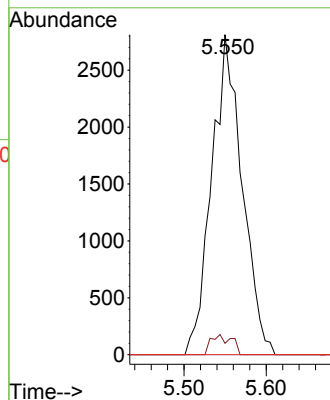
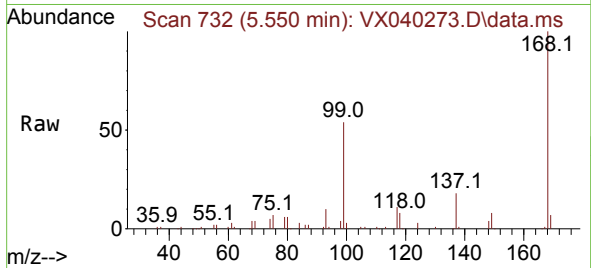




#38
Carbon Tetrachloride
Concen: 6.438 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX040273.D
Acq: 16 Feb 2024 13:13

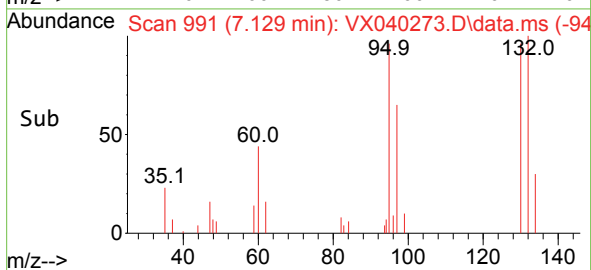
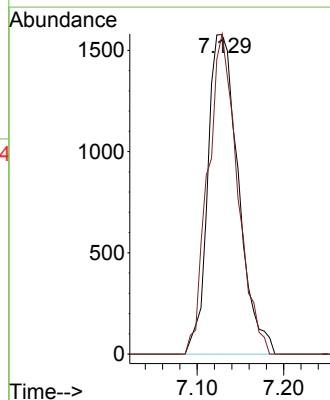
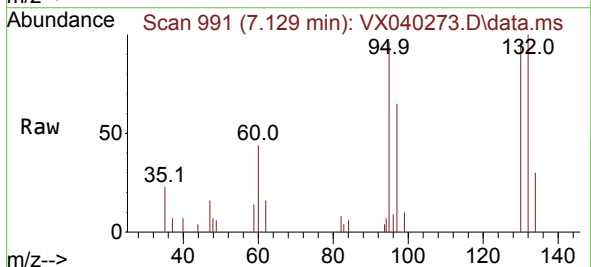
Instrument :
MSVOA_X
ClientSampleId :
RE134D1-20240212

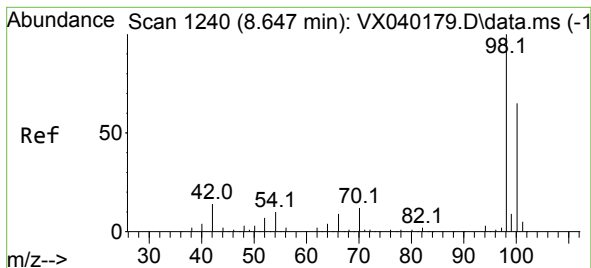
Tgt Ion:117 Resp: 7256
Ion Ratio Lower Upper
117 100
119 3.6 78.2 117.2#
121 0.0 24.4 36.6#



#44
Trichloroethene
Concen: 4.234 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.000 min
Lab File: VX040273.D
Acq: 16 Feb 2024 13:13

Tgt Ion:130 Resp: 3872
Ion Ratio Lower Upper
130 100
95 100.2 0.0 204.4





#50

Toluene-d8

Concen: 46.927 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX040273.D

Acq: 16 Feb 2024 13:13

Instrument :

MSVOA_X

ClientSampleId :

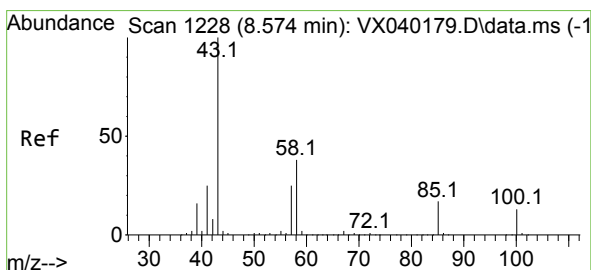
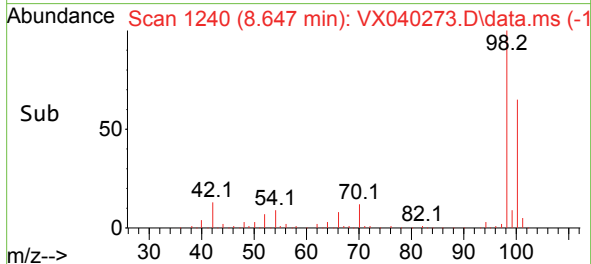
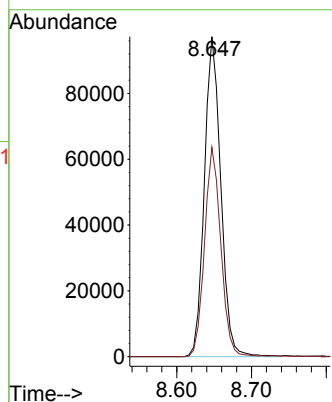
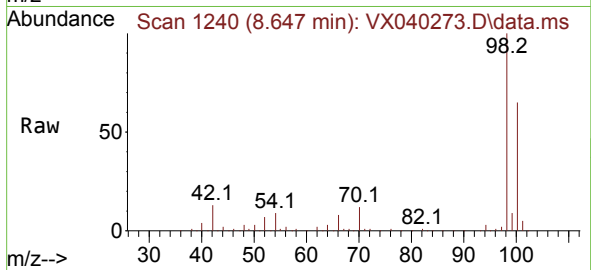
RE134D1-20240212

Tgt Ion: 98 Resp: 148553

Ion Ratio Lower Upper

98 100

100 64.7 53.1 79.7



#51

4-Methyl-2-Pentanone

Concen: 0.489 ug/l

RT: 8.641 min Scan# 1239

Delta R.T. 0.067 min

Lab File: VX040273.D

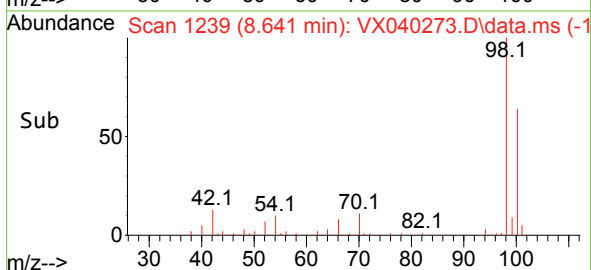
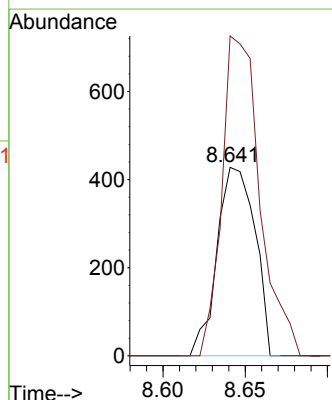
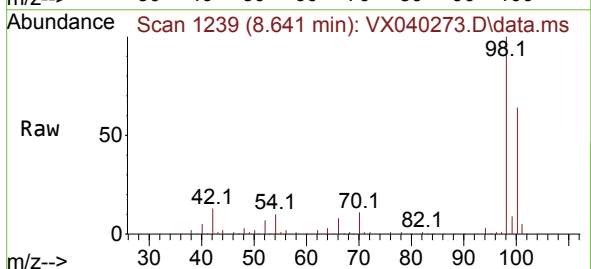
Acq: 16 Feb 2024 13:13

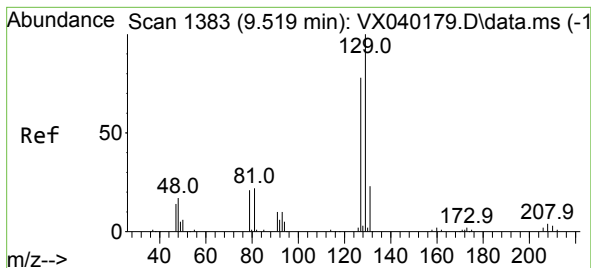
Tgt Ion: 43 Resp: 687

Ion Ratio Lower Upper

43 100

58 169.9 30.4 45.6#





#60

Dibromochloromethane

Concen: 0.646 ug/l

RT: 9.269 min Scan# 11

Delta R.T. -0.250 min

Lab File: VX040273.D

Acq: 16 Feb 2024 13:13

Instrument :

MSVOA_X

ClientSampleId :

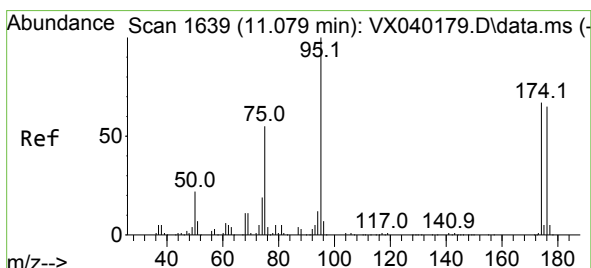
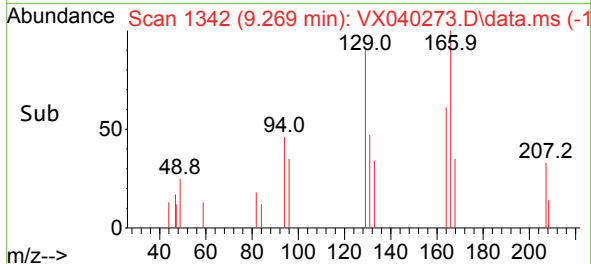
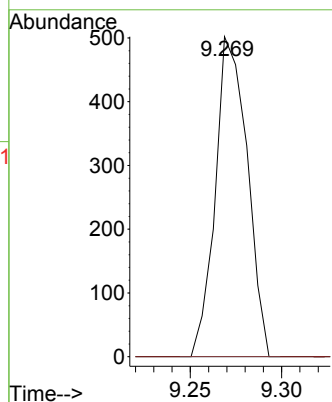
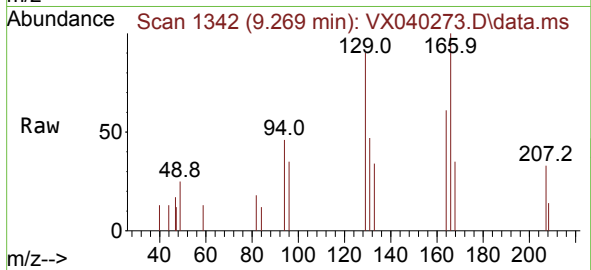
RE134D1-20240212

Tgt Ion:129 Resp: 610

Ion Ratio Lower Upper

129 100

127 0.0 38.8 116.4#



#62

4-Bromofluorobenzene

Concen: 45.944 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX040273.D

Acq: 16 Feb 2024 13:13

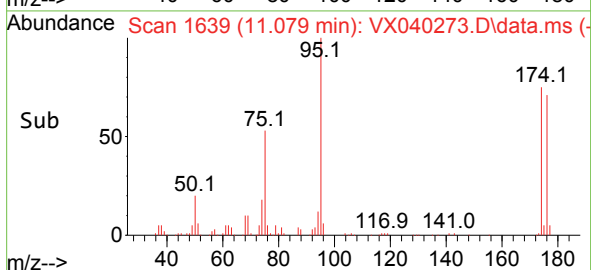
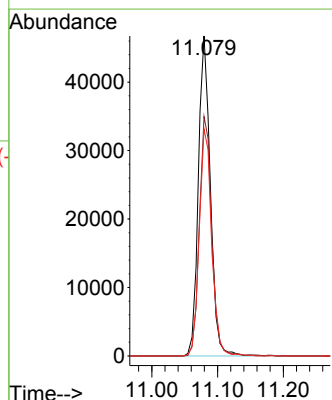
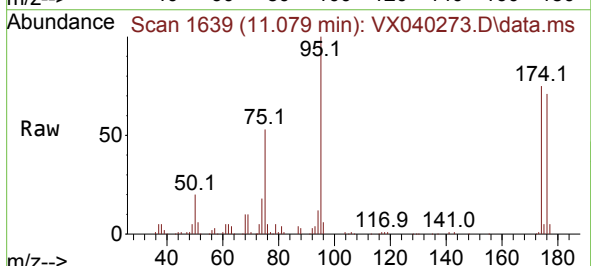
Tgt Ion: 95 Resp: 59316

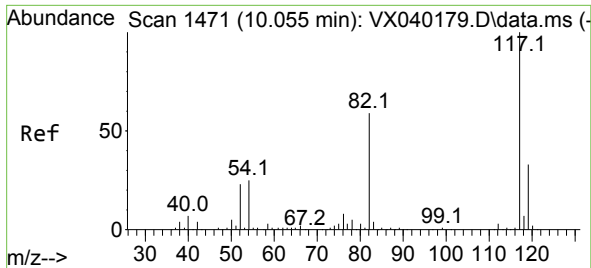
Ion Ratio Lower Upper

95 100

174 77.1 0.0 135.6

176 73.3 0.0 131.0

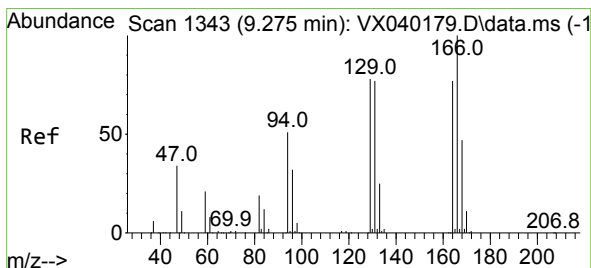
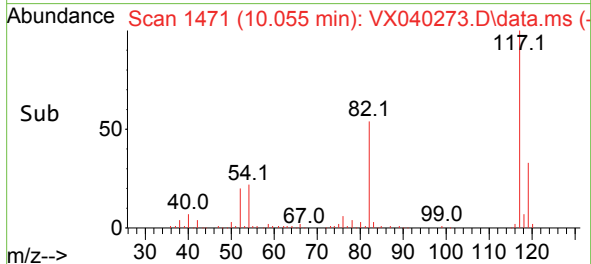
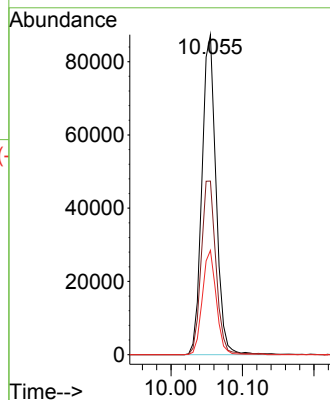
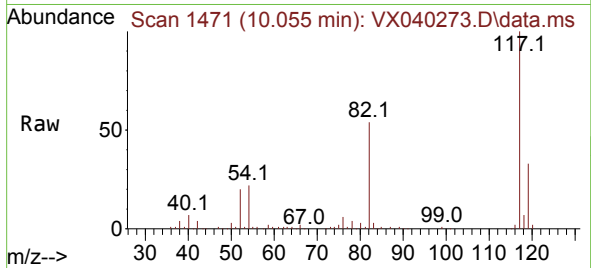




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040273.D
Acq: 16 Feb 2024 13:13

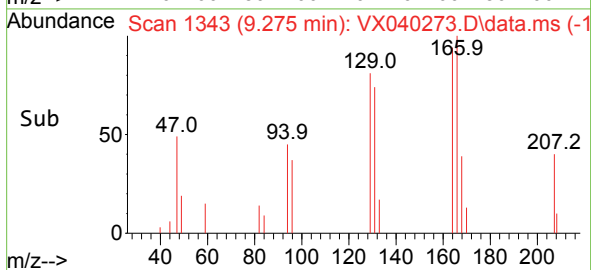
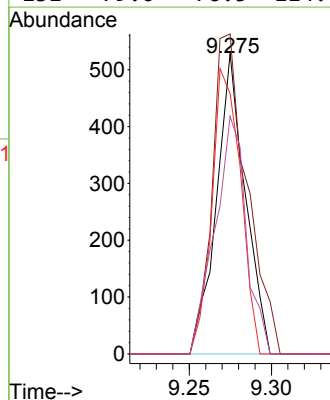
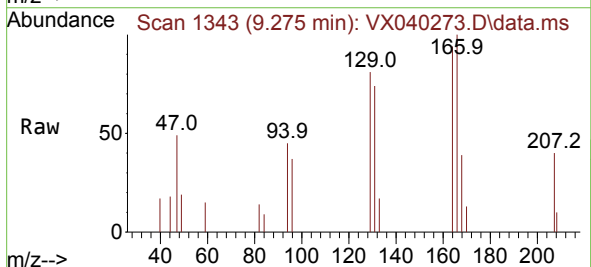
Instrument :
MSVOA_X
ClientSampleId :
RE134D1-20240212

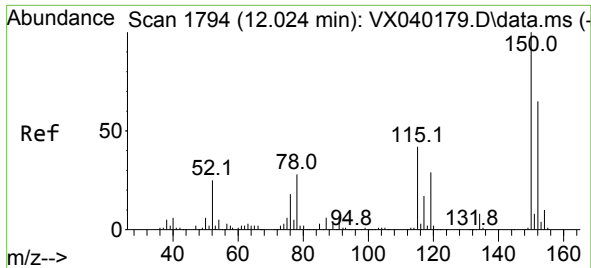
Tgt Ion:117 Resp: 119715
Ion Ratio Lower Upper
117 100
82 54.2 46.2 69.4
119 32.6 25.5 38.3



#64
Tetrachloroethene
Concen: 0.770 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX040273.D
Acq: 16 Feb 2024 13:13

Tgt Ion:164 Resp: 646
Ion Ratio Lower Upper
164 100
166 106.4 102.7 154.1
129 86.6 80.4 120.6
131 79.0 76.5 114.7

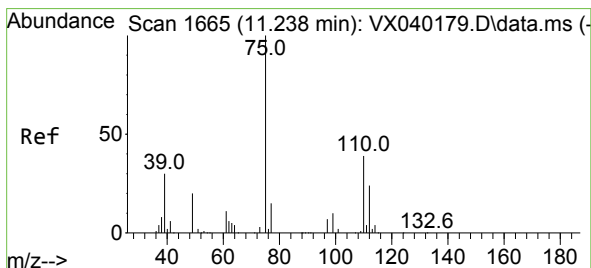
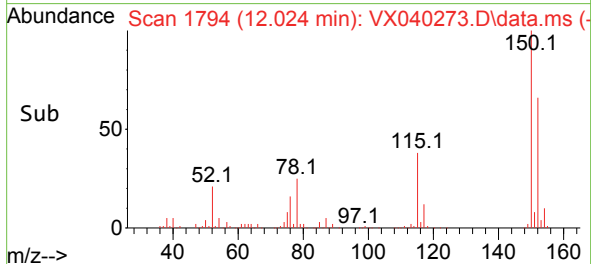
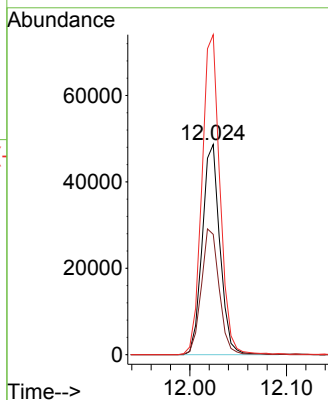
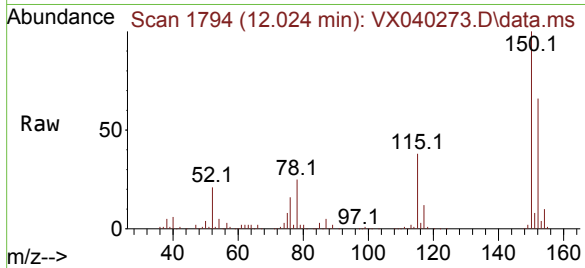




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX040273.D
Acq: 16 Feb 2024 13:13

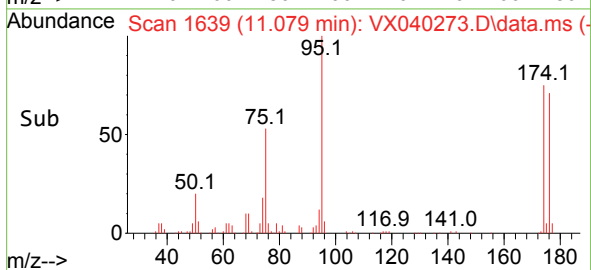
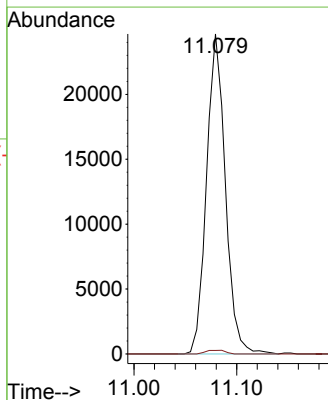
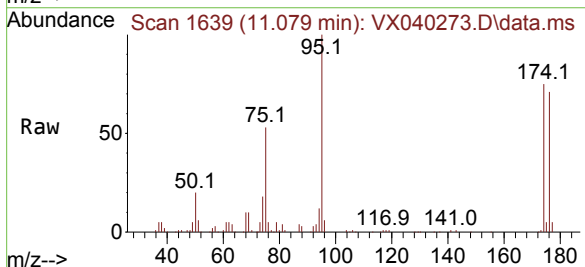
Instrument :
MSVOA_X
ClientSampleId :
RE134D1-20240212

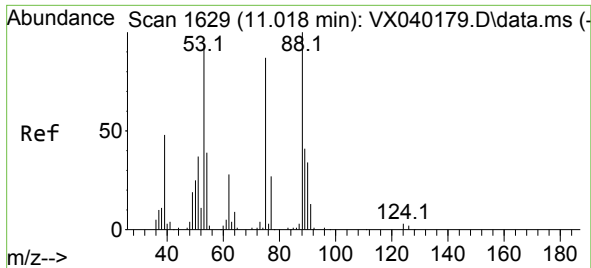
Tgt Ion:	152	Resp:	61894
Ion	Ratio	Lower	Upper
152	100		
115	60.6	43.3	129.9
150	155.6	0.0	345.0



#76
1,2,3-Trichloropropane
Concen: 25.055 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX040273.D
Acq: 16 Feb 2024 13:13

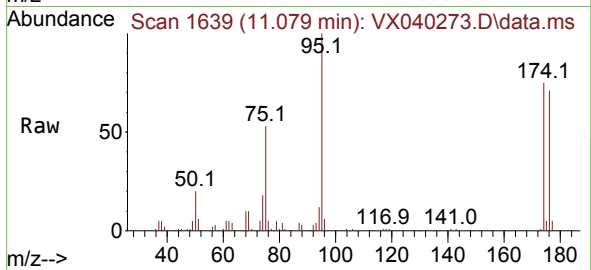
Tgt Ion:	75	Resp:	31404
Ion	Ratio	Lower	Upper
75	100		
77	1.2	19.1	57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 68.913 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX040273.D
 Acq: 16 Feb 2024 13:13

Instrument :
 MSVOA_X
 ClientSampleId :
 RE134D1-20240212



Tgt Ion: 75 Resp: 31404
 Ion Ratio Lower Upper
 75 100
 53 0.0 90.5 135.7#
 89 0.0 36.9 55.3#

