

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031323\
 Data File : VX034442.D
 Acq On : 13 Mar 2023 18:56
 Operator : JC/MD
 Sample : 01879-19
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE134D1-20230309

Quant Time: Mar 14 02:29:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

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

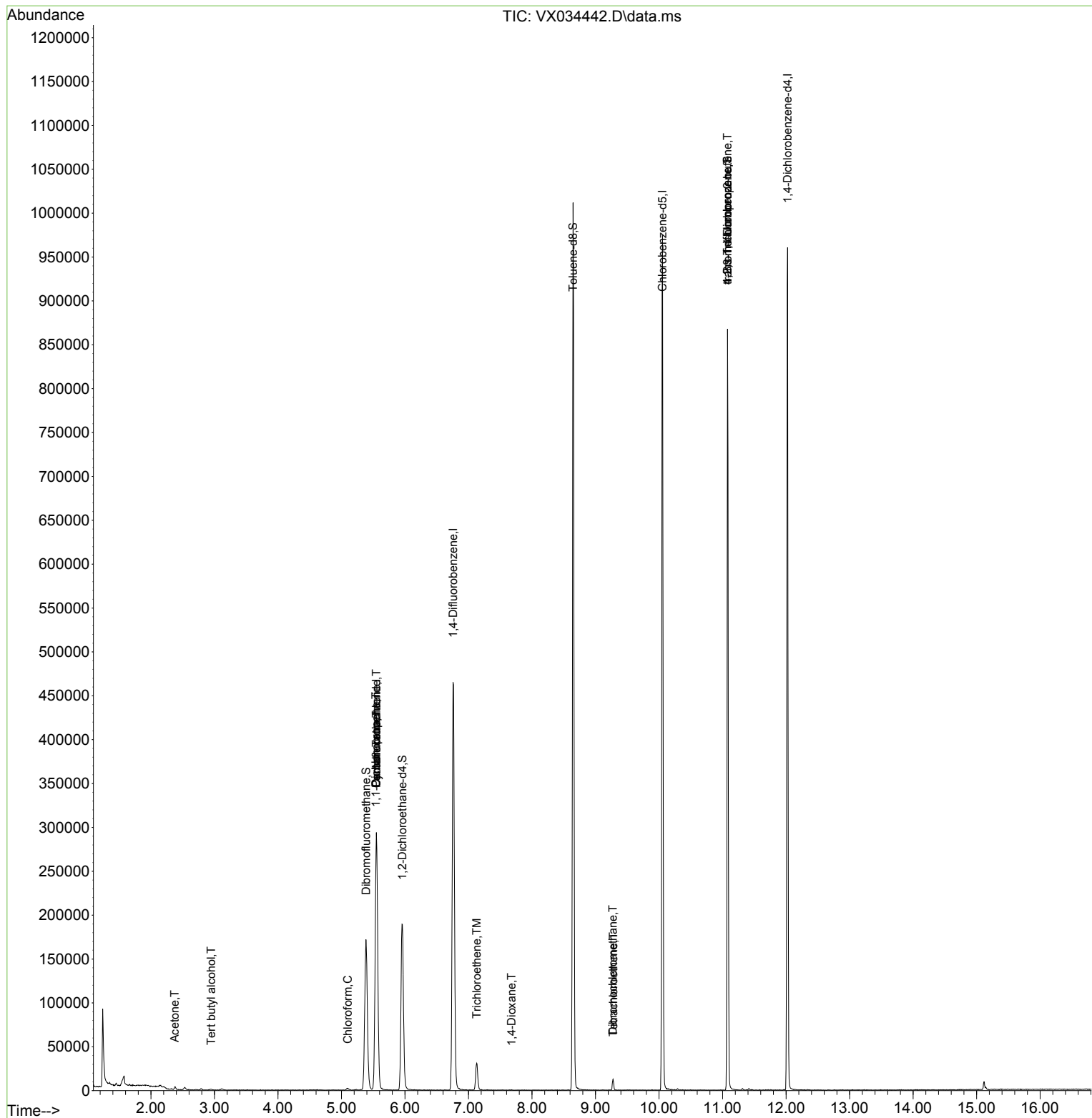
Internal Standards						
1) Pentafluorobenzene	5.550	168	280348	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	477663	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	429041	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	193619	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	182266	44.689	ug/l	0.01
Spiked Amount 50.000	Range 78 - 117		Recovery =	89.380%		
35) Dibromofluoromethane	5.385	113	149477	47.396	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.800%		
50) Toluene-d8	8.647	98	573872	48.744	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.480%		
62) 4-Bromofluorobenzene	11.079	95	217318	45.699	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.400%		
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	119	Below Cal	#	88
11) Tert butyl alcohol	2.947	59	691	0.814	ug/l #	73
16) Acetone	2.373	43	3500	1.822	ug/l	97
30) Chloroform	5.099	83	2086	0.334	ug/l #	83
31) Cyclohexane	5.550	56	6174	1.079	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	22707	4.688	ug/l #	50
38) Carbon Tetrachloride	5.550	117	28516	5.918	ug/l #	15
44) Trichloroethene	7.129	130	13026	3.538	ug/l	95
49) 1,4-Dioxane	7.677	88	198	2.186	ug/l #	66
60) Dibromochloromethane	9.275	129	2060	0.564	ug/l #	10
64) Tetrachloroethene	9.281	164	1915	0.664	ug/l #	88
76) 1,2,3-Trichloropropane	11.079	75	114414	25.736	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	114414	69.623	ug/l #	8

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

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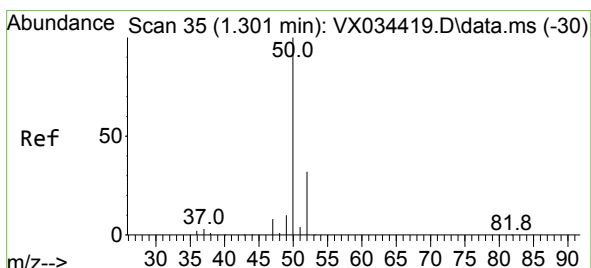
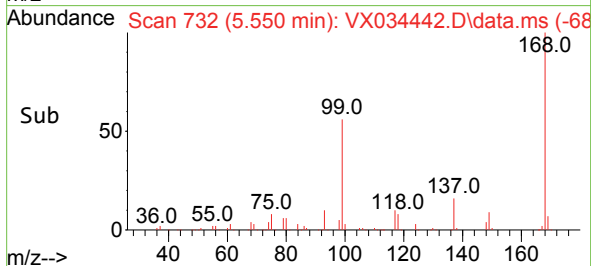
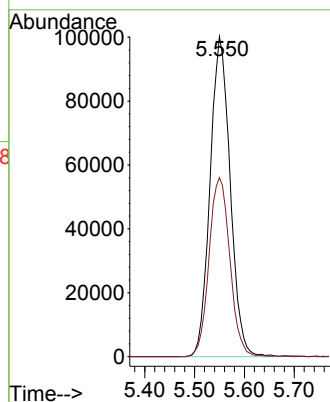
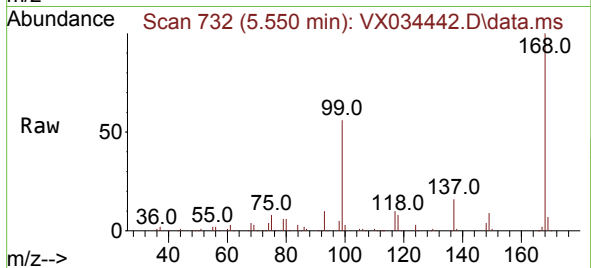




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034442.D
Acq: 13 Mar 2023 18:56

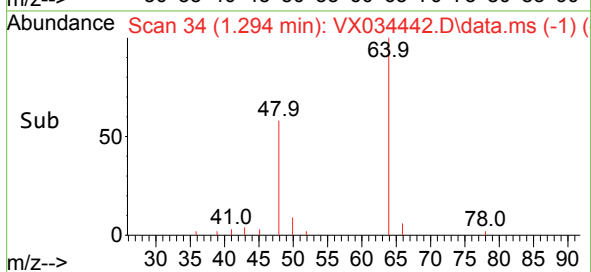
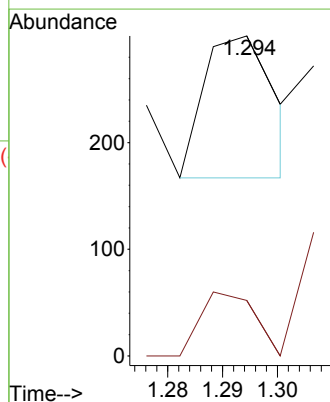
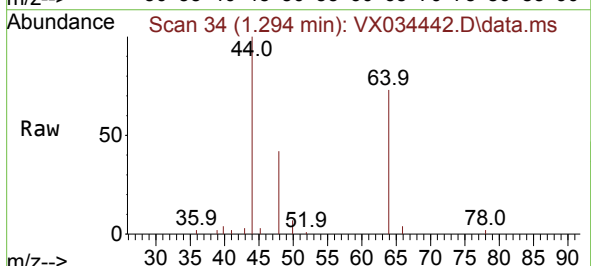
Instrument :
MSVOA_X
ClientSampleId :
RE134D1-20230309

Tgt Ion:168 Resp: 280348
Ion Ratio Lower Upper
168 100
99 56.0 45.7 68.5



#3
Chloromethane
Concen: Below Cal
RT: 1.294 min Scan# 34
Delta R.T. -0.007 min
Lab File: VX034442.D
Acq: 13 Mar 2023 18:56

Tgt Ion: 50 Resp: 119
Ion Ratio Lower Upper
50 100
52 39.1 25.9 38.9#





#11

Tert butyl alcohol

Concen: 0.814 ug/l

RT: 2.947 min Scan# 306

Delta R.T. -0.006 min

Lab File: VX034442.D

Acq: 13 Mar 2023 18:56

Instrument :

MSVOA_X

ClientSampleId :

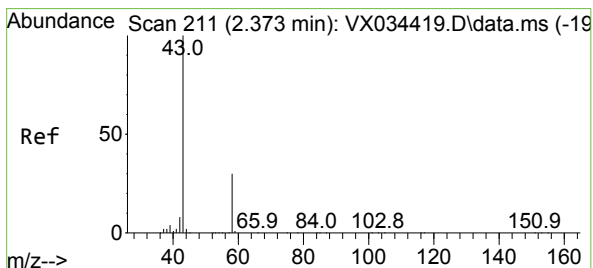
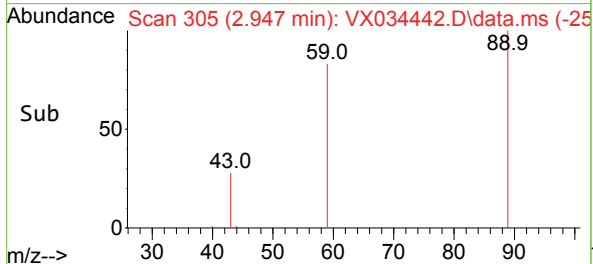
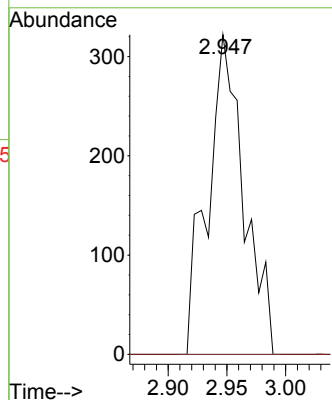
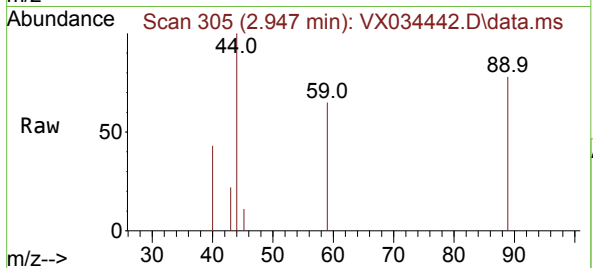
RE134D1-20230309

Tgt Ion: 59 Resp: 691

Ion Ratio Lower Upper

59 100

57 0.0 8.1 12.1#



#16

Acetone

Concen: 1.822 ug/l

RT: 2.373 min Scan# 211

Delta R.T. 0.000 min

Lab File: VX034442.D

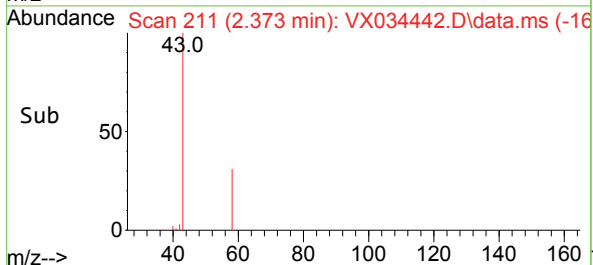
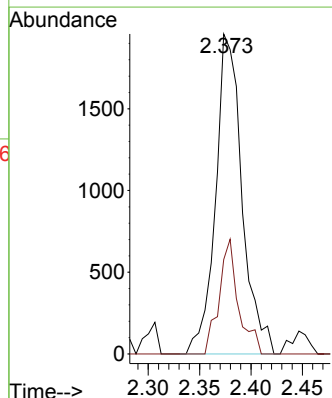
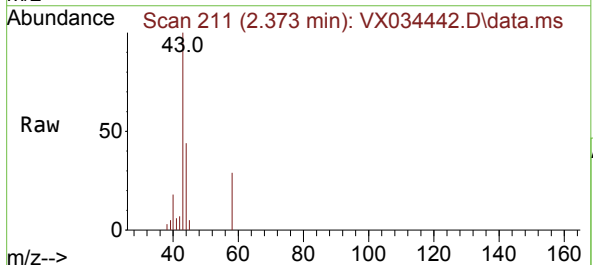
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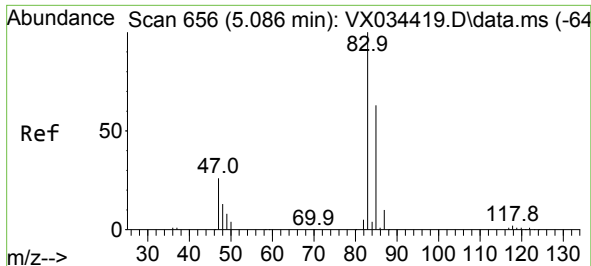
Tgt Ion: 43 Resp: 3500

Ion Ratio Lower Upper

43 100

58 29.5 24.7 37.1





#30

Chloroform

Concen: 0.334 ug/l

RT: 5.099 min Scan# 61

Delta R.T. 0.012 min

Lab File: VX034442.D

Acq: 13 Mar 2023 18:56

Instrument :

MSVOA_X

ClientSampleId :

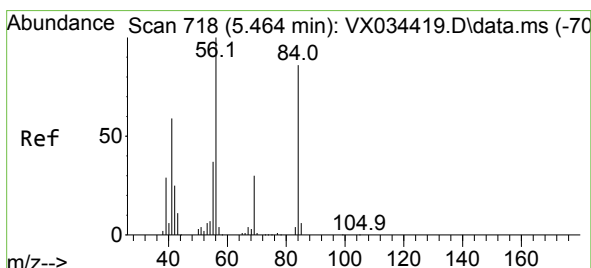
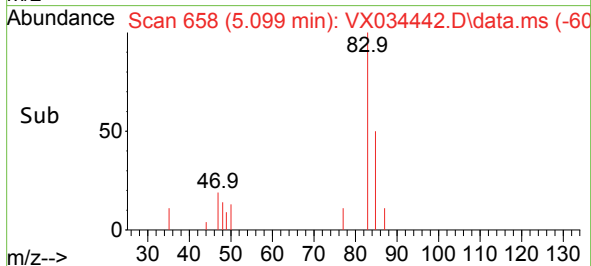
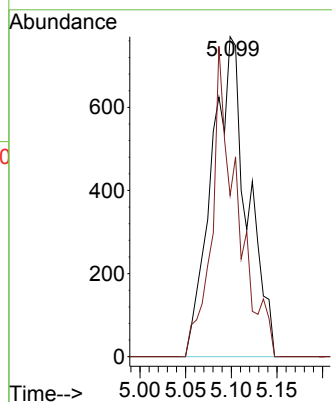
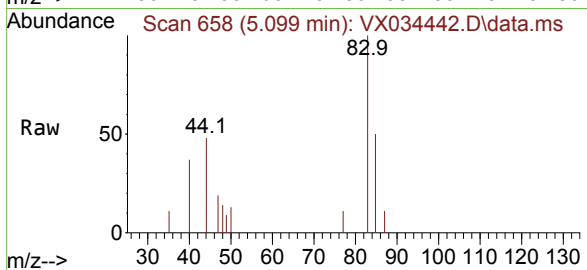
RE134D1-20230309

Tgt Ion: 83 Resp: 2086

Ion Ratio Lower Upper

83 100

85 50.4 50.6 76.0#



#31

Cyclohexane

Concen: 1.079 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.085 min

Lab File: VX034442.D

Acq: 13 Mar 2023 18:56

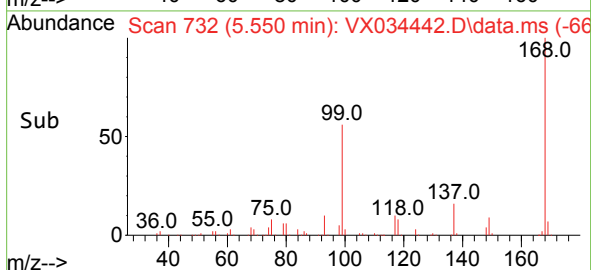
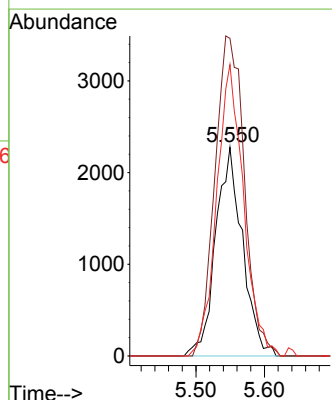
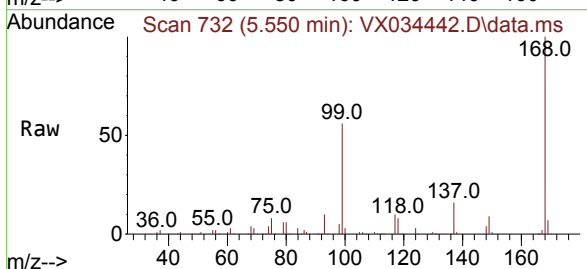
Tgt Ion: 56 Resp: 6174

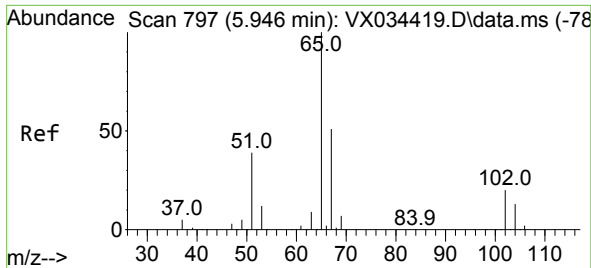
Ion Ratio Lower Upper

56 100

69 152.2 23.7 35.5#

84 139.6 68.5 102.7#





#33

1,2-Dichloroethane-d4

Concen: 44.689 ug/l

RT: 5.958 min Scan# 797

Delta R.T. 0.012 min

Lab File: VX034442.D

Acq: 13 Mar 2023 18:56

Instrument :

MSVOA_X

ClientSampleId :

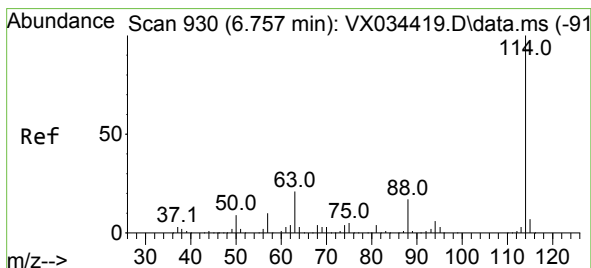
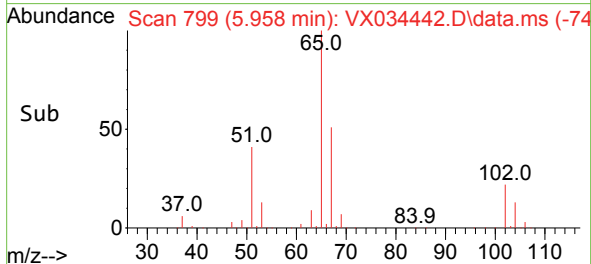
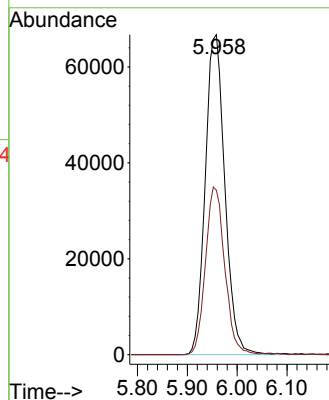
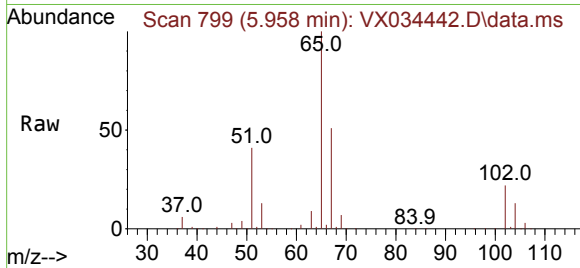
RE134D1-20230309

Tgt Ion: 65 Resp: 182266

Ion Ratio Lower Upper

65 100

67 51.4 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. 0.000 min

Lab File: VX034442.D

Acq: 13 Mar 2023 18:56

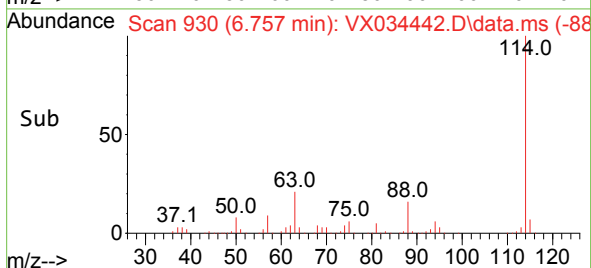
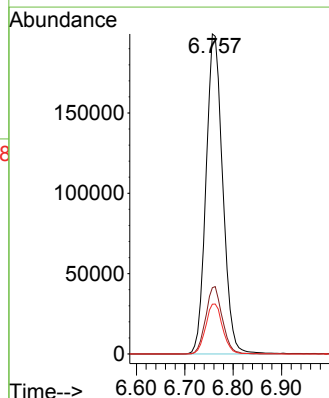
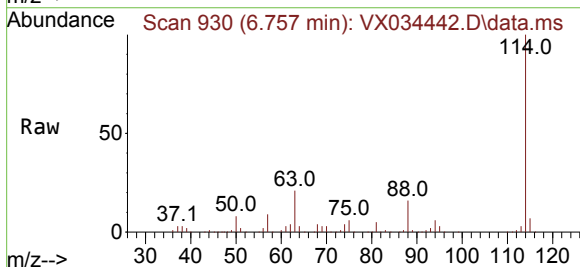
Tgt Ion: 114 Resp: 477663

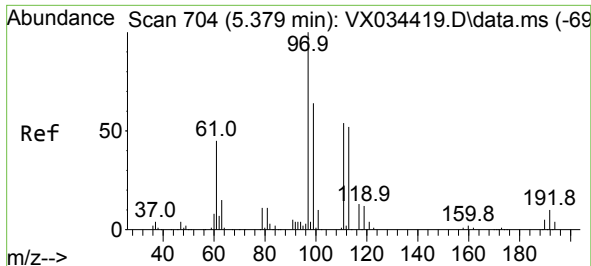
Ion Ratio Lower Upper

114 100

63 20.7 0.0 42.2

88 15.6 0.0 33.2

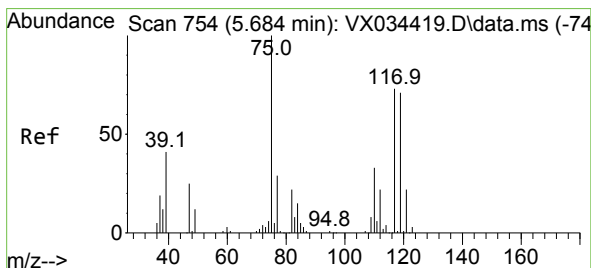
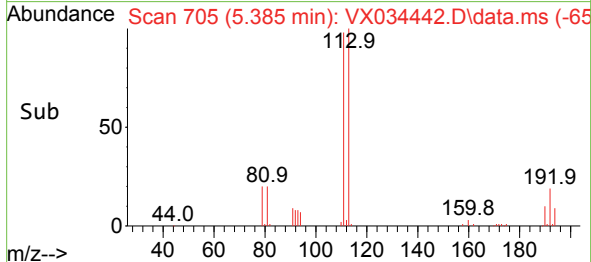
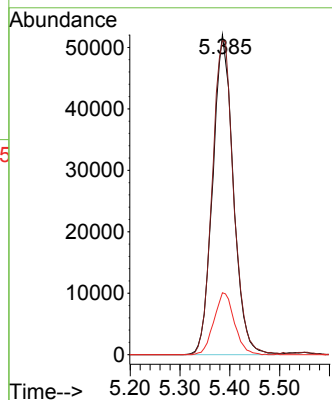
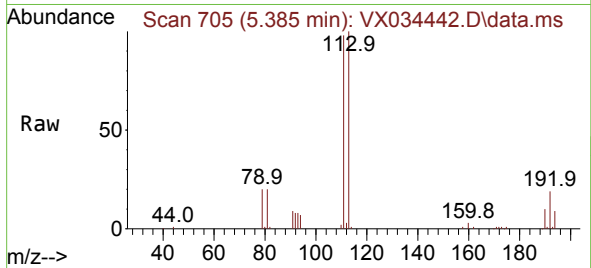




#35
Dibromofluoromethane
Concen: 47.396 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX034442.D
Acq: 13 Mar 2023 18:56

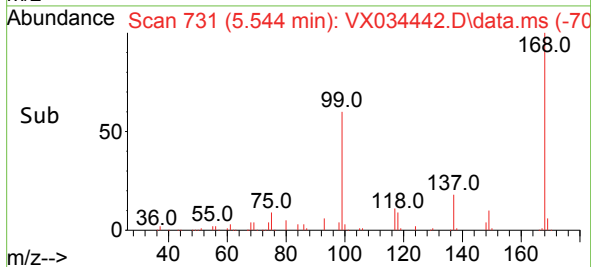
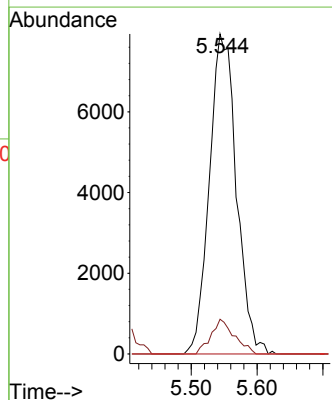
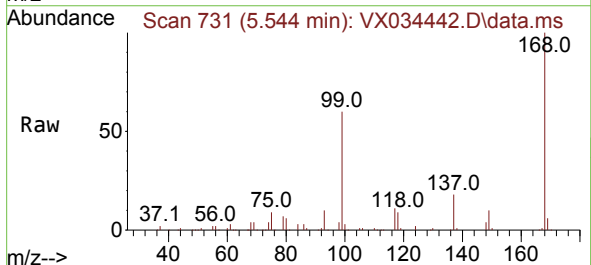
Instrument :
MSVOA_X
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RE134D1-20230309

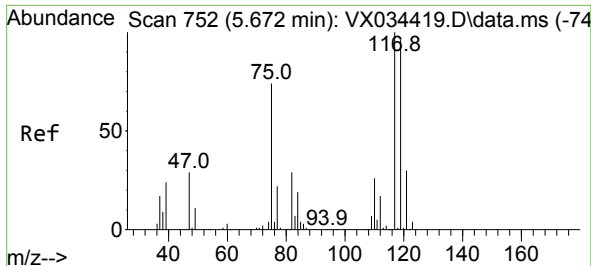
Tgt Ion:113 Resp: 149477
Ion Ratio Lower Upper
113 100
111 101.8 83.7 125.5
192 19.2 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.688 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.140 min
Lab File: VX034442.D
Acq: 13 Mar 2023 18:56

Tgt Ion: 75 Resp: 22707
Ion Ratio Lower Upper
75 100
110 9.4 17.5 52.5#
77 0.0 24.3 36.5#





#38

Carbon Tetrachloride

Concen: 5.918 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.122 min

Lab File: VX034442.D

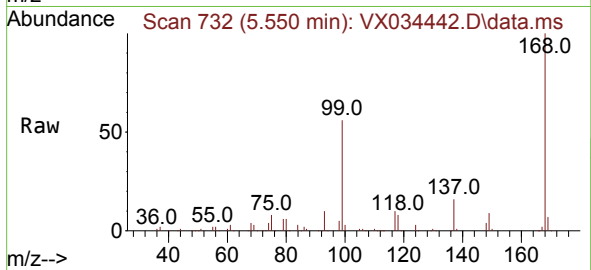
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Instrument :

MSVOA_X

ClientSampleId :

RE134D1-20230309



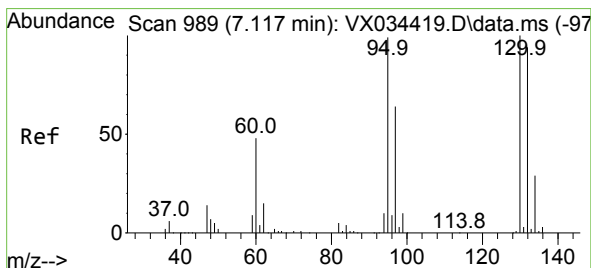
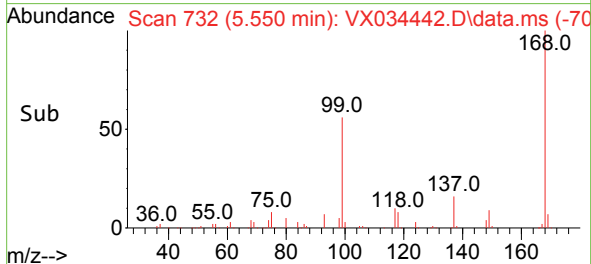
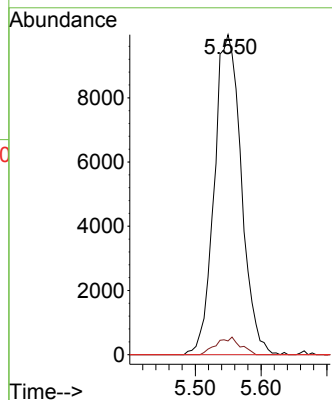
Tgt Ion:117 Resp: 28516

Ion Ratio Lower Upper

117 100

119 4.3 76.6 114.8#

121 0.0 23.8 35.6#



#44

Trichloroethene

Concen: 3.538 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.012 min

Lab File: VX034442.D

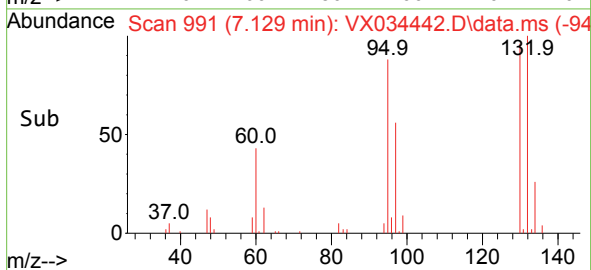
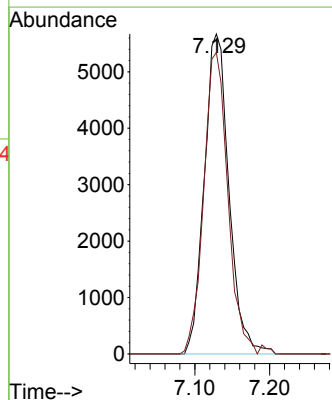
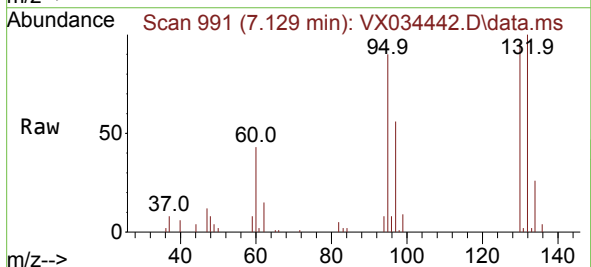
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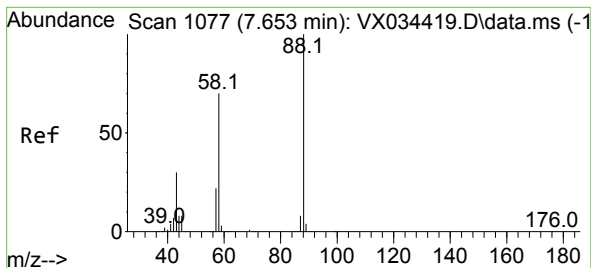
Tgt Ion:130 Resp: 13026

Ion Ratio Lower Upper

130 100

95 94.2 0.0 198.4





#49

1,4-Dioxane

Concen: 2.186 ug/l

RT: 7.677 min Scan# 1081

Delta R.T. 0.024 min

Lab File: VX034442.D

Acq: 13 Mar 2023 18:56

Instrument :

MSVOA_X

ClientSampleId :

RE134D1-20230309

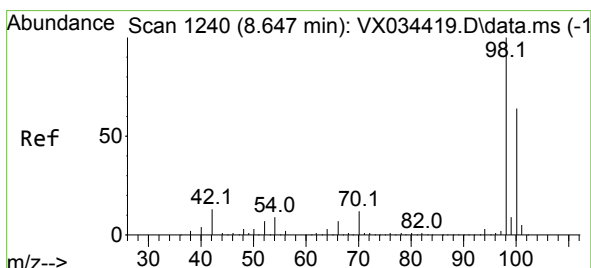
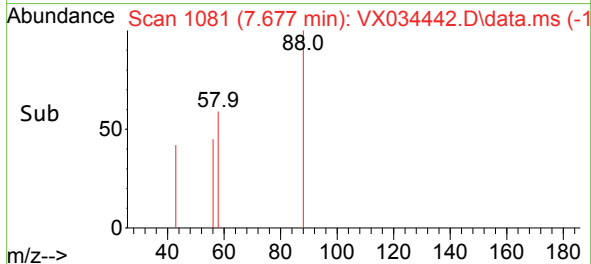
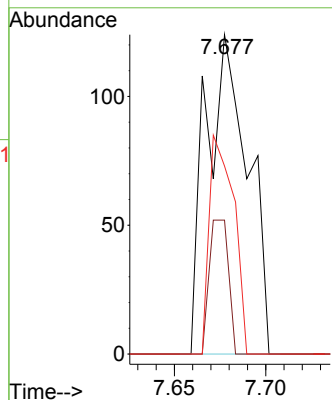
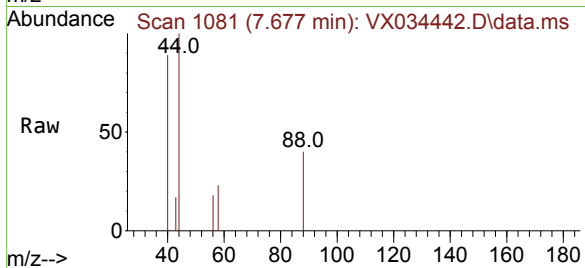
Tgt Ion: 88 Resp: 198

Ion Ratio Lower Upper

88 100

43 19.2 27.7 41.5#

58 39.9 56.8 85.2#



#50

Toluene-d8

Concen: 48.744 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX034442.D

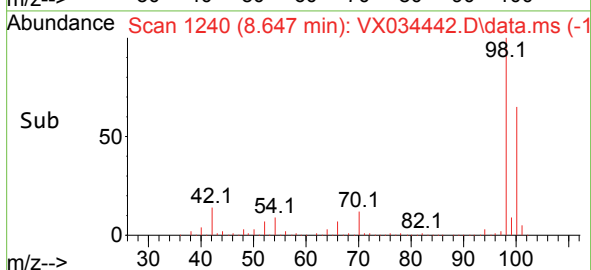
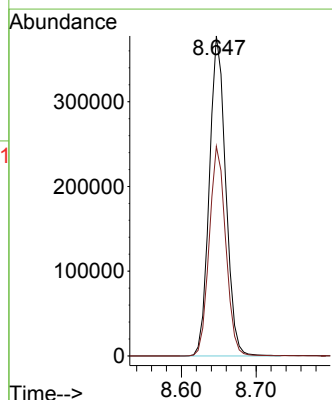
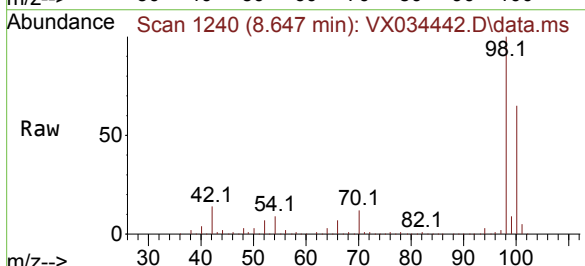
Acq: 13 Mar 2023 18:56

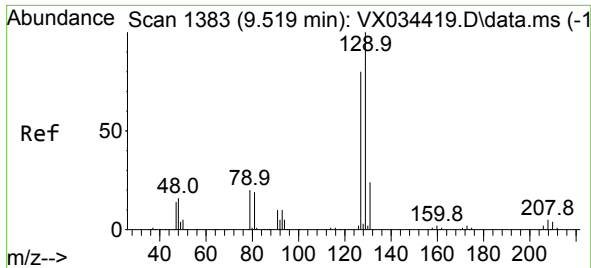
Tgt Ion: 98 Resp: 573872

Ion Ratio Lower Upper

98 100

100 65.9 52.5 78.7

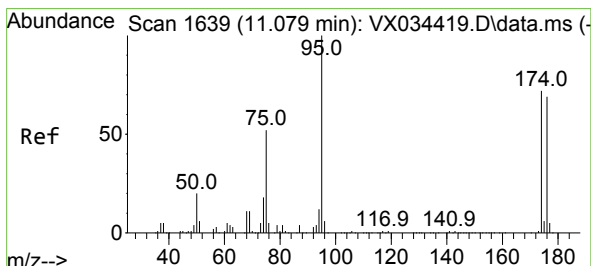
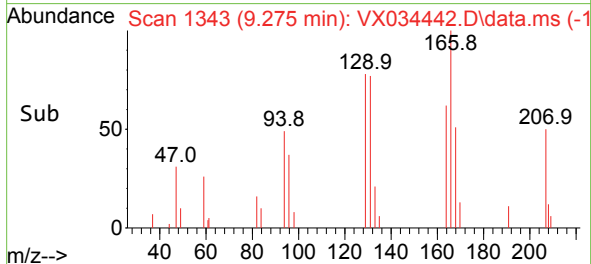
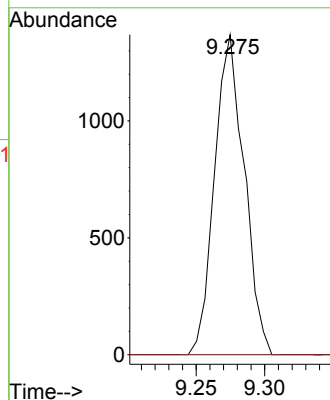
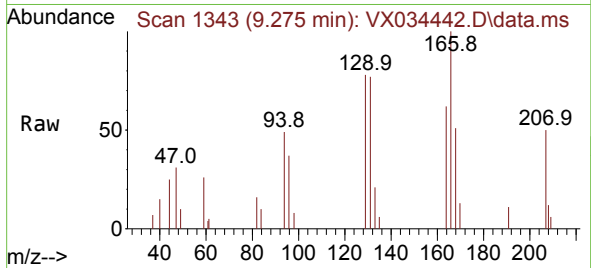




#60
Dibromochloromethane
Concen: 0.564 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.244 min
Lab File: VX034442.D
Acq: 13 Mar 2023 18:56

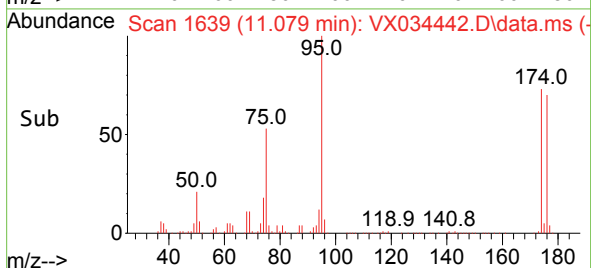
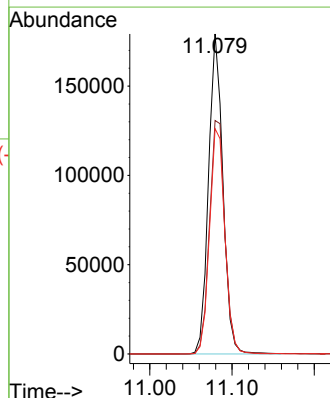
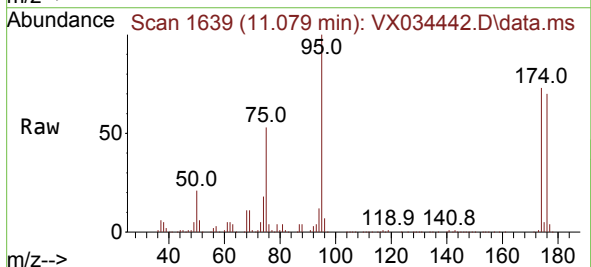
Instrument :
MSVOA_X
ClientSampleId :
RE134D1-20230309

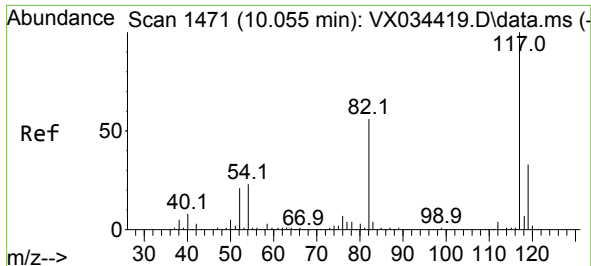
Tgt Ion:129 Resp: 2060
Ion Ratio Lower Upper
129 100
127 0.0 39.0 117.0#



#62
4-Bromofluorobenzene
Concen: 45.699 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034442.D
Acq: 13 Mar 2023 18:56

Tgt Ion: 95 Resp: 217318
Ion Ratio Lower Upper
95 100
174 79.0 0.0 147.4
176 75.3 0.0 140.6

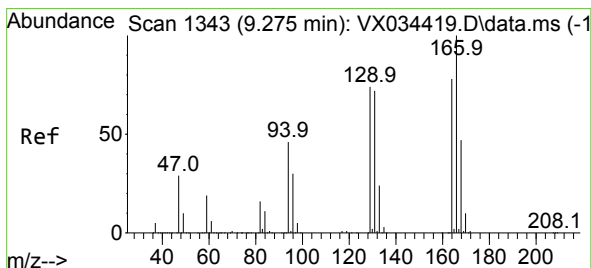
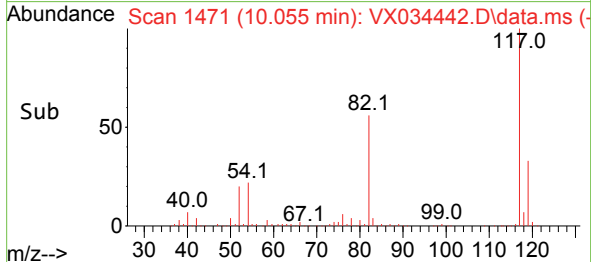
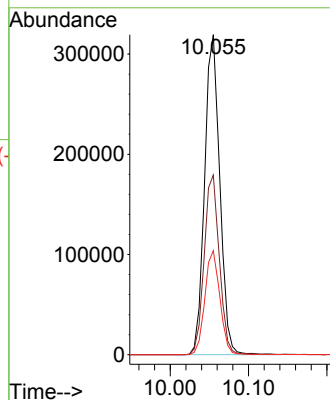
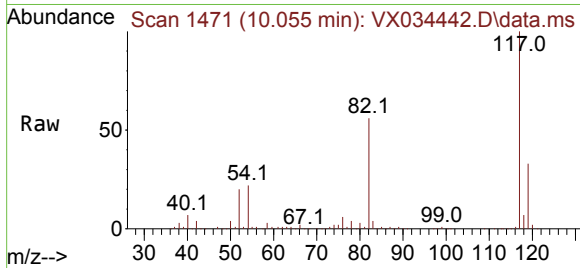




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034442.D
Acq: 13 Mar 2023 18:56

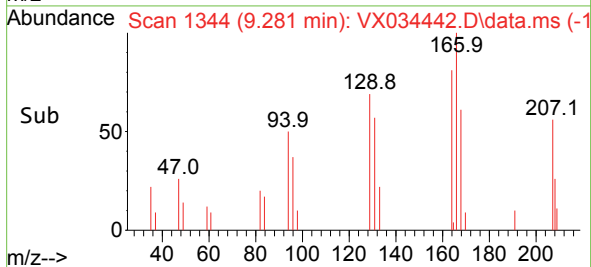
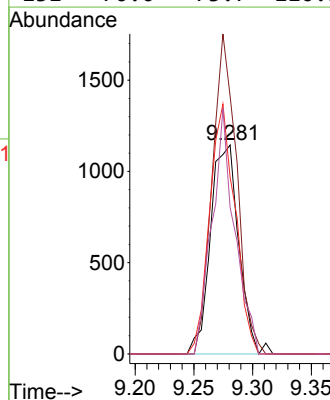
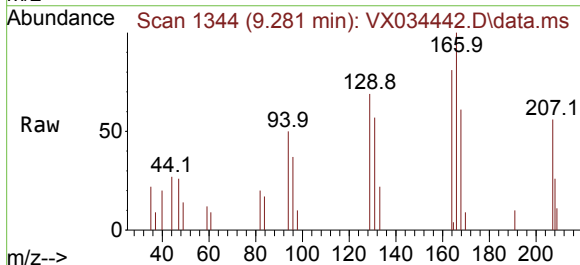
Instrument :
MSVOA_X
ClientSampleId :
RE134D1-20230309

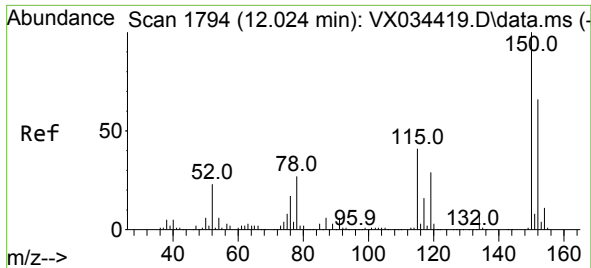
Tgt Ion:117 Resp: 429041
Ion Ratio Lower Upper
117 100
82 56.2 45.0 67.4
119 32.5 26.0 39.0



#64
Tetrachloroethene
Concen: 0.664 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX034442.D
Acq: 13 Mar 2023 18:56

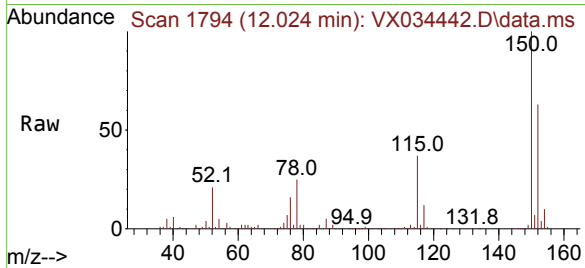
Tgt Ion:164 Resp: 1915
Ion Ratio Lower Upper
164 100
166 123.3 102.7 154.1
129 84.5 75.6 113.4
131 70.0 73.7 110.5#



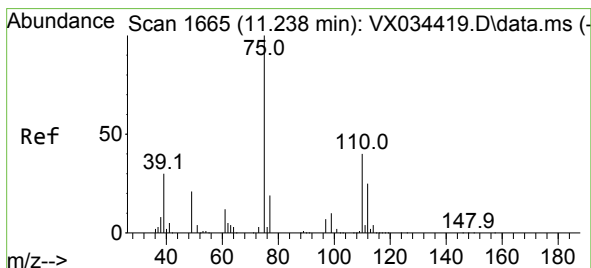
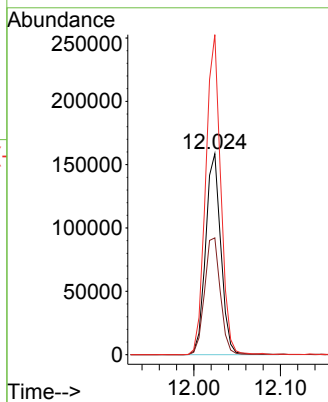
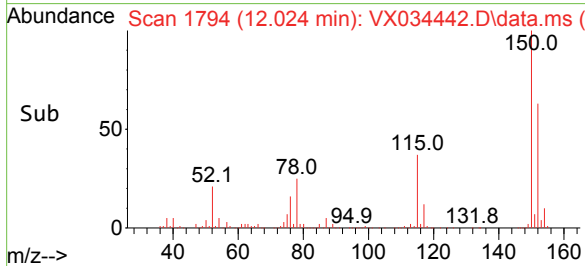


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX034442.D
 Acq: 13 Mar 2023 18:56

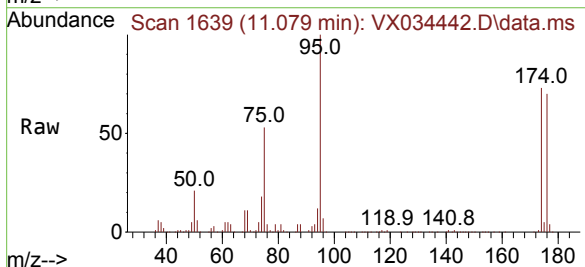
Instrument :
 MSVOA_X
 ClientSampleId :
 RE134D1-20230309



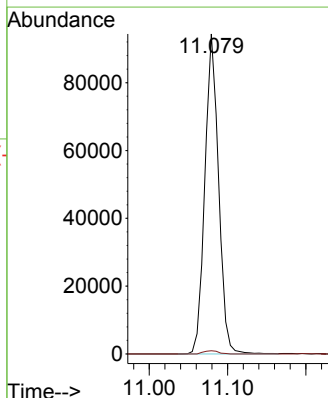
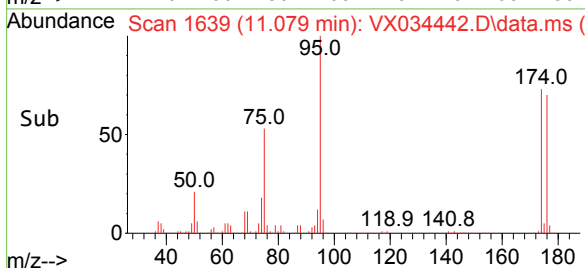
Tgt Ion:152 Resp: 193619
 Ion Ratio Lower Upper
 152 100
 115 60.3 45.0 135.0
 150 157.6 0.0 352.4

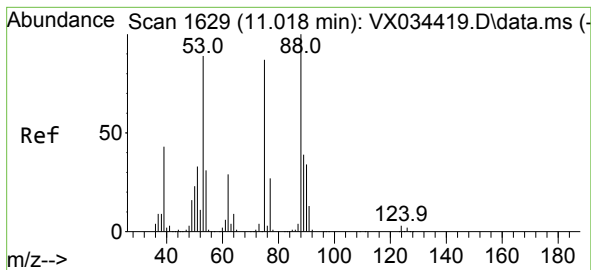


#76
 1,2,3-Trichloropropane
 Concen: 25.736 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX034442.D
 Acq: 13 Mar 2023 18:56



Tgt Ion: 75 Resp: 114414
 Ion Ratio Lower Upper
 75 100
 77 1.1 21.6 64.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 69.623 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX034442.D
 Acq: 13 Mar 2023 18:56

Instrument :
 MSVOA_X
 ClientSampleId :
 RE134D1-20230309

Tgt Ion: 75 Resp: 114414
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.6 124.0#
 89 0.0 36.9 55.3#

