

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082722\
 Data File : VX030905.D
 Acq On : 28 Aug 2022 05:58
 Operator : JC/MD
 Sample : N4360-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE135D3-20220824

Quant Time: Aug 29 01:17:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 26 02:03:28 2022
 Response via : Initial Calibration

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

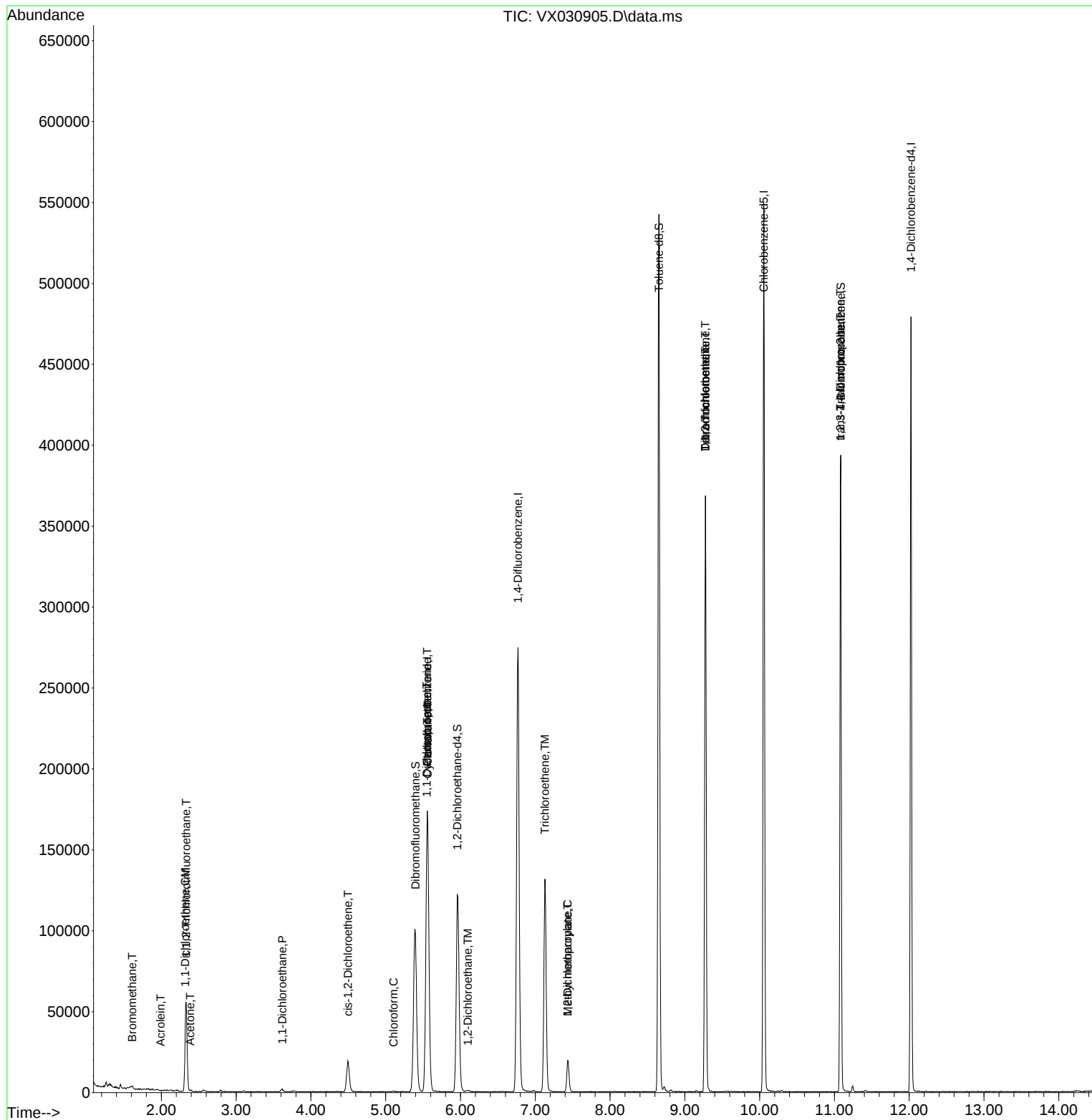
Internal Standards						
1) Pentafluorobenzene	5.556	168	149846	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	260582	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	225911	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	85944	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	121836	69.123	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 138.240%#	
35) Dibromofluoromethane	5.397	113	86522	54.026	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 108.060%	
50) Toluene-d8	8.653	98	311196	55.763	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 111.520%	
62) 4-Bromofluorobenzene	11.085	95	98366	47.344	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 94.680%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	212	Below Cal	#	87
5) Bromomethane	1.611	94	141	0.202	ug/l #	45
6) Chloroethane	1.727	64	42	Below Cal	#	41
9) 1,1,2-Trichlorotrifluo...	2.331	101	21008	14.396	ug/l	95
12) 1,1-Dichloroethene	2.319	96	1214	0.894	ug/l	84
13) Acrolein	1.989	56	20	10.109	ug/l #	1
16) Acetone	2.386	43	750	0.921	ug/l	97
17) Carbon Disulfide	2.508	76	97	Below Cal	#	74
20) Methylene Chloride	2.806	84	320	Below Cal	#	24
24) 1,1-Dichloroethane	3.617	63	2290	0.800	ug/l #	94
27) cis-1,2-Dichloroethene	4.495	96	10495	5.822	ug/l	91
30) Chloroform	5.105	83	695	0.231	ug/l #	18
31) Cyclohexane	5.562	56	4086	1.813	ug/l #	11
36) 1,1-Dichloropropene	5.550	75	13796	6.326	ug/l #	48
38) Carbon Tetrachloride	5.556	117	16984	7.383	ug/l #	17
42) 1,2-Dichloroethane	6.098	62	1015	0.438	ug/l #	73
44) Trichloroethene	7.129	130	46537	24.688	ug/l	89
45) 1,2-Dichloropropane	7.434	63	7917	4.386	ug/l	91
48) Methyl methacrylate	7.434	41	4647	2.396	ug/l #	30
55) 1,1,2-Trichloroethane	9.275	97	770	0.425	ug/l #	7
60) Dibromochloromethane	9.275	129	61799	32.746	ug/l #	11
64) Tetrachloroethene	9.275	164	61393	34.499	ug/l	98
76) 1,2,3-Trichloropropane	11.079	75	56380	29.943	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	56380	96.609	ug/l #	13

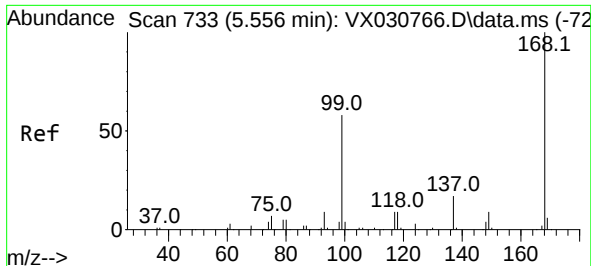
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
RE135D3-20220824

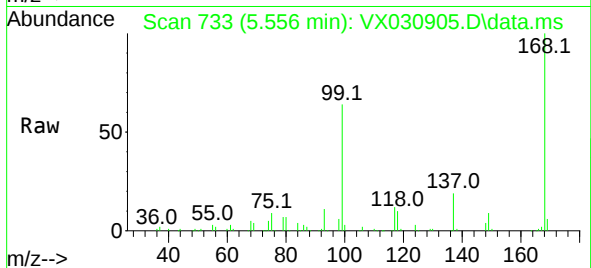
Quant Time: Aug 29 01:17:09 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X082522W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 26 02:03:28 2022
Response via : Initial Calibration



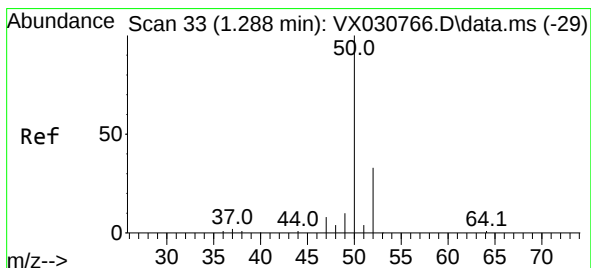
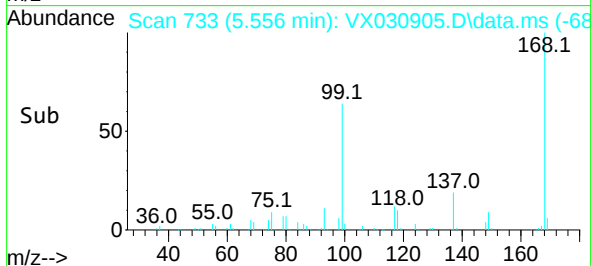
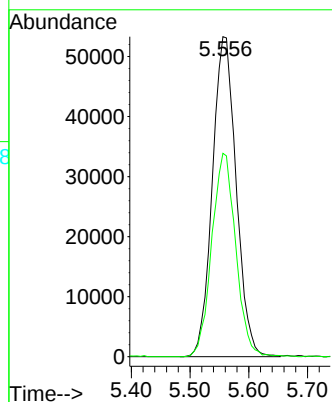


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX030905.D
Acq: 28 Aug 2022 05:58

Instrument :
MSVOA_X
ClientSampleId :
RE135D3-20220824

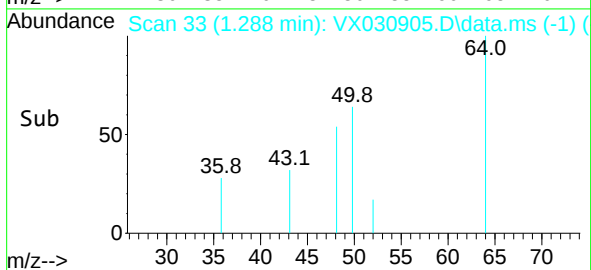
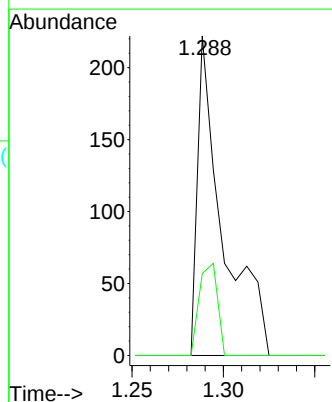
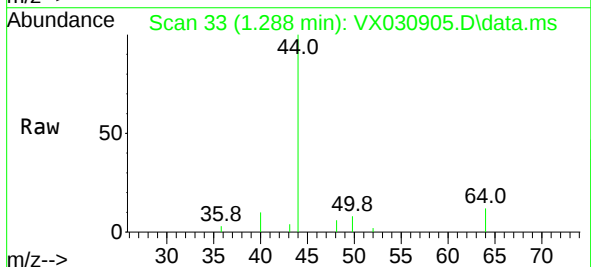


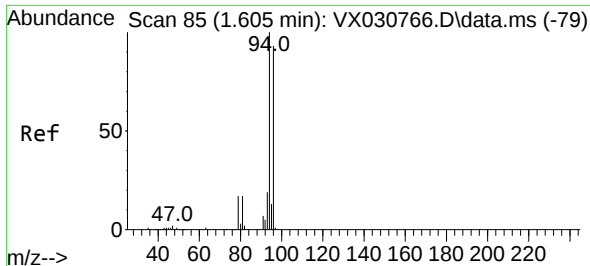
Tgt Ion:168 Resp: 149846
Ion Ratio Lower Upper
168 100
99 63.5 44.0 66.0



#3
Chloromethane
Concen: Below Cal
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX030905.D
Acq: 28 Aug 2022 05:58

Tgt Ion: 50 Resp: 212
Ion Ratio Lower Upper
50 100
52 25.7 26.3 39.5#

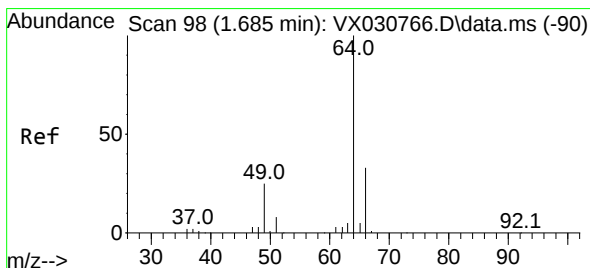
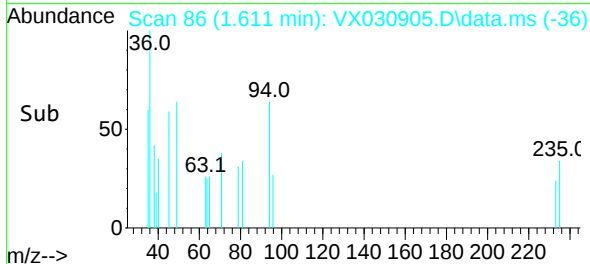
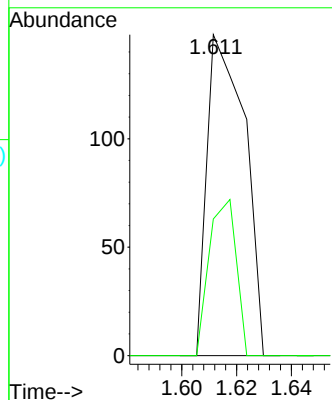
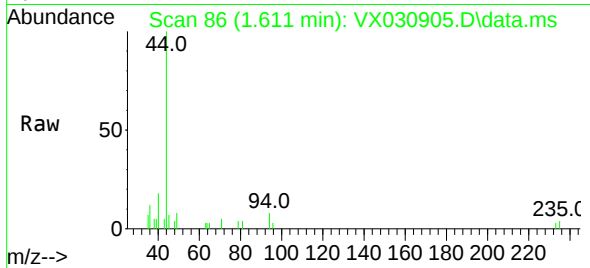




#5
Bromomethane
Concen: 0.202 ug/l
RT: 1.611 min Scan# 80
Delta R.T. 0.006 min
Lab File: VX030905.D
Acq: 28 Aug 2022 05:58

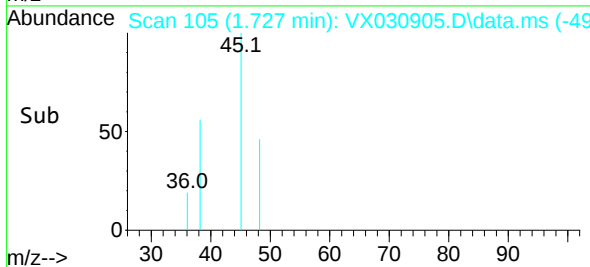
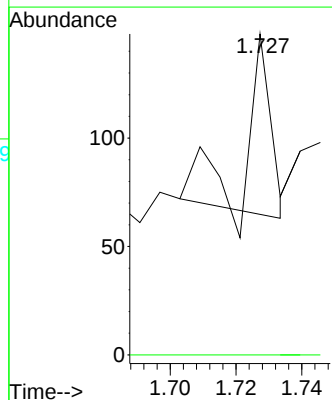
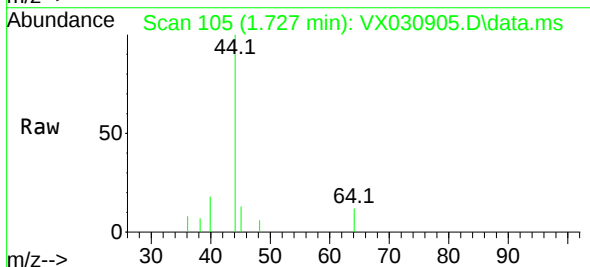
Instrument :
MSVOA_X
ClientSampleId :
RE135D3-20220824

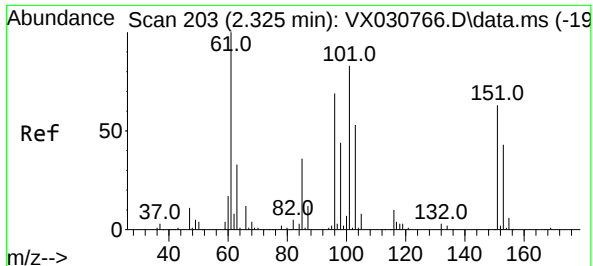
Tgt Ion: 94 Resp: 141
Ion Ratio Lower Upper
94 100
96 42.6 76.9 115.3#



#6
Chloroethane
Concen: Below Cal
RT: 1.727 min Scan# 105
Delta R.T. 0.042 min
Lab File: VX030905.D
Acq: 28 Aug 2022 05:58

Tgt Ion: 64 Resp: 42
Ion Ratio Lower Upper
64 100
66 0.0 27.2 40.8#

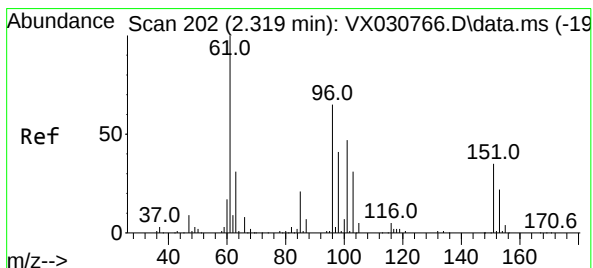
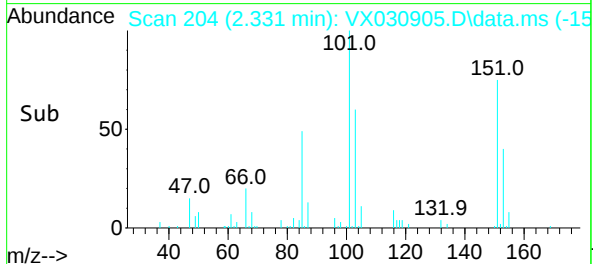
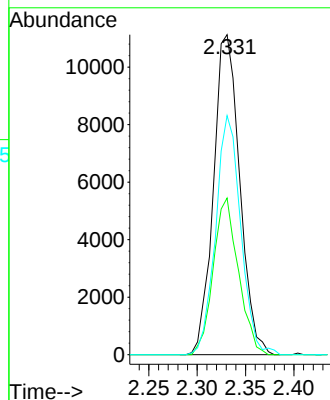
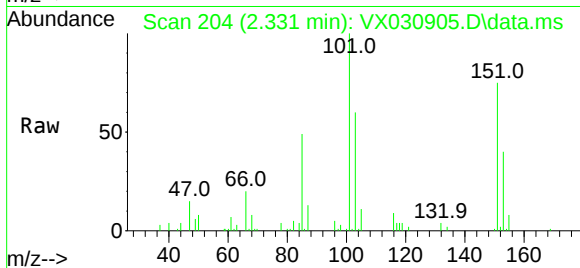




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 14.396 ug/l
 RT: 2.331 min Scan# 203
 Delta R.T. 0.006 min
 Lab File: VX030905.D
 Acq: 28 Aug 2022 05:58

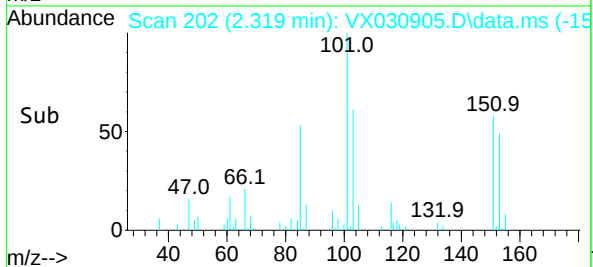
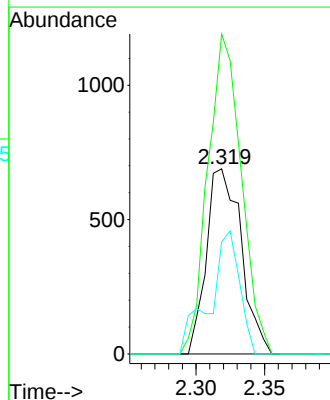
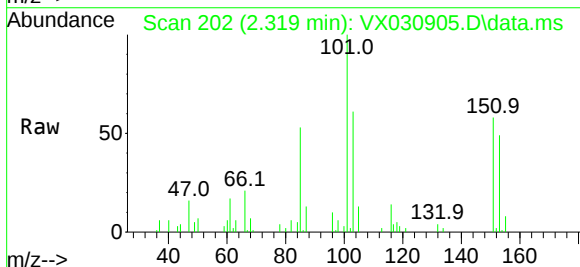
Instrument :
 MSVOA_X
 ClientSampleId :
 RE135D3-20220824

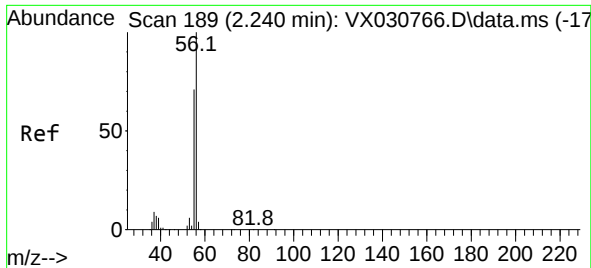
Tgt Ion:101 Resp: 21008
 Ion Ratio Lower Upper
 101 100
 85 46.9 34.0 51.0
 151 71.4 59.4 89.0



#12
 1,1-Dichloroethene
 Concen: 0.894 ug/l
 RT: 2.319 min Scan# 202
 Delta R.T. -0.000 min
 Lab File: VX030905.D
 Acq: 28 Aug 2022 05:58

Tgt Ion: 96 Resp: 1214
 Ion Ratio Lower Upper
 96 100
 61 172.9 117.4 176.0
 98 60.5 52.2 78.4

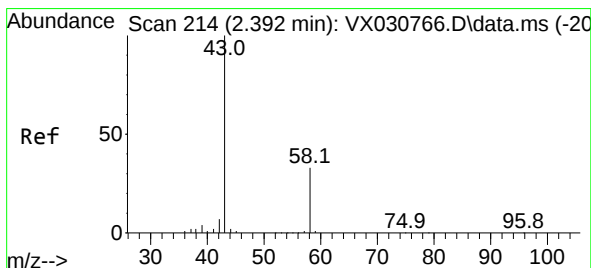
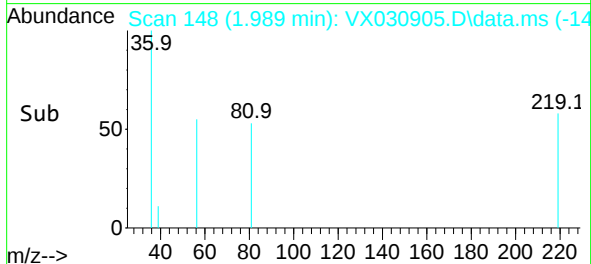
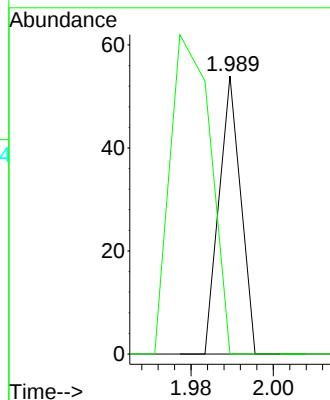
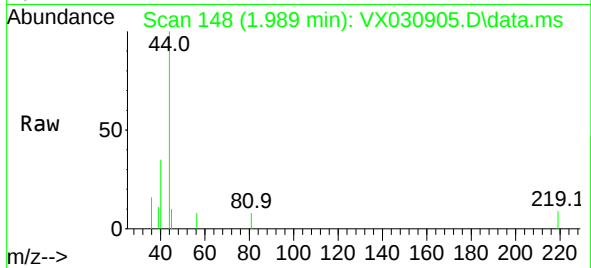




#13
Acrolein
Concen: 10.109 ug/l
RT: 1.989 min Scan# 14
Delta R.T. -0.251 min
Lab File: VX030905.D
Acq: 28 Aug 2022 05:58

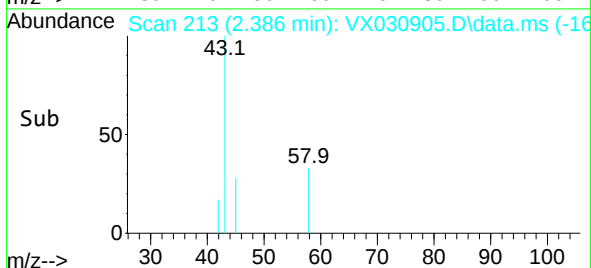
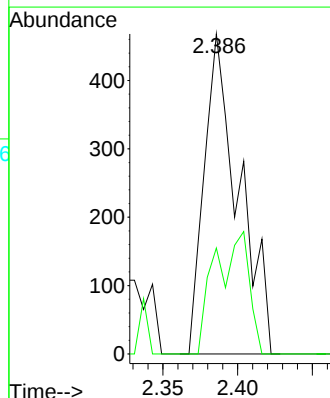
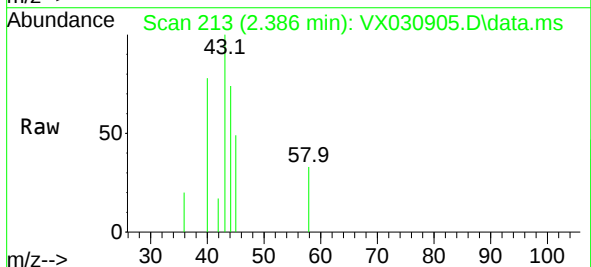
Instrument :
MSVOA_X
ClientSampleId :
RE135D3-20220824

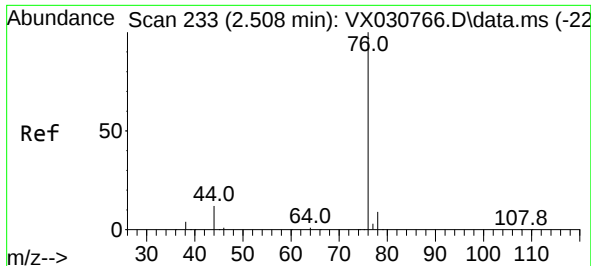
Tgt Ion: 56 Resp: 20
Ion Ratio Lower Upper
56 100
55 210.0 56.6 84.8#



#16
Acetone
Concen: 0.921 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX030905.D
Acq: 28 Aug 2022 05:58

Tgt Ion: 43 Resp: 750
Ion Ratio Lower Upper
43 100
58 33.1 27.7 41.5





#17

Carbon Disulfide

Concen: Below Cal

RT: 2.508 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX030905.D

Acq: 28 Aug 2022 05:58

Instrument :

MSVOA_X

ClientSampleId :

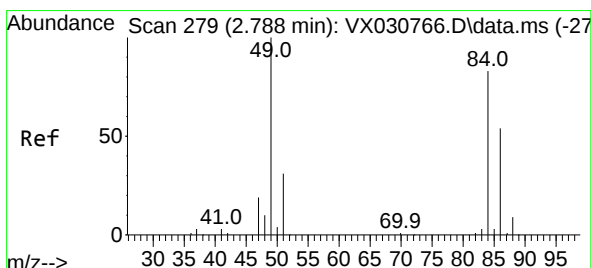
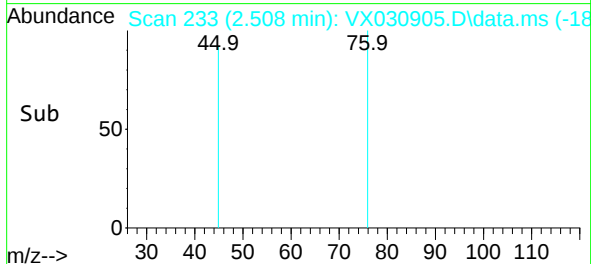
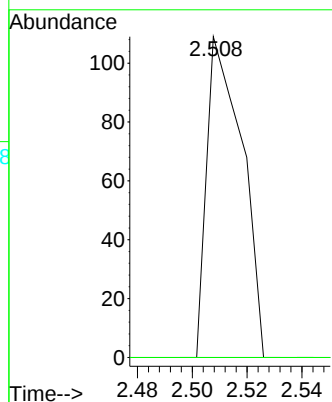
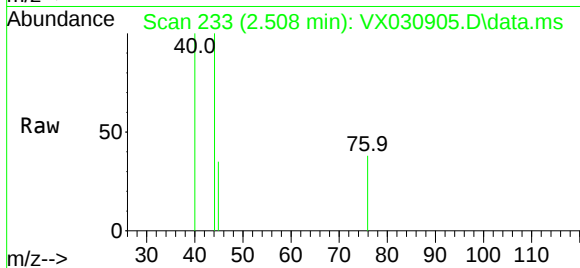
RE135D3-20220824

Tgt Ion: 76 Resp: 97

Ion Ratio Lower Upper

76 100

78 0.0 7.8 11.6#



#20

Methylene Chloride

Concen: Below Cal

RT: 2.806 min Scan# 282

Delta R.T. 0.018 min

Lab File: VX030905.D

Acq: 28 Aug 2022 05:58

Tgt Ion: 84 Resp: 320

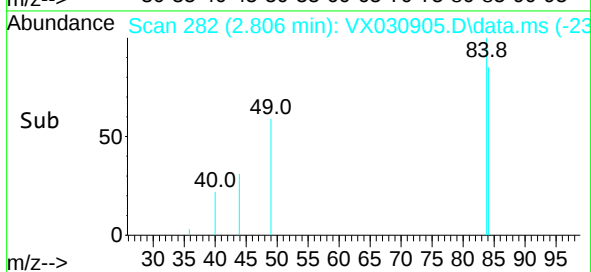
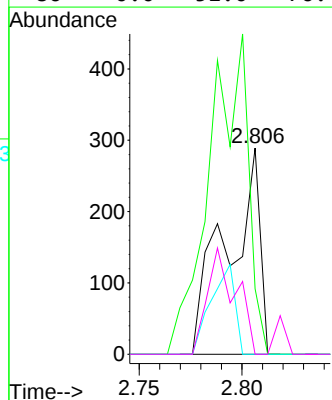
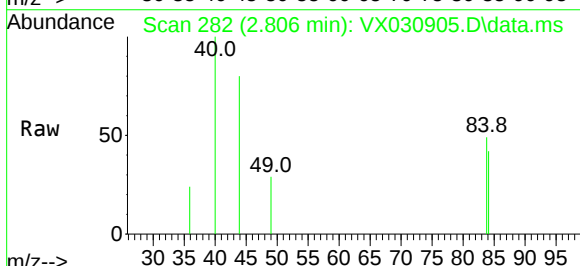
Ion Ratio Lower Upper

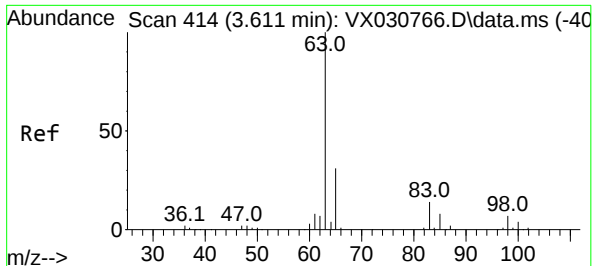
84 100

49 31.8 93.8 140.6#

51 0.0 29.4 44.0#

86 0.0 51.0 76.4#

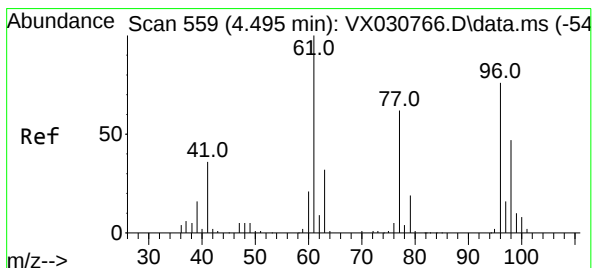
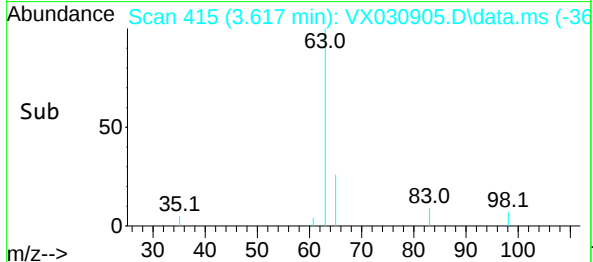
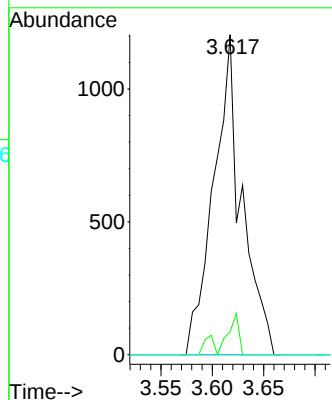
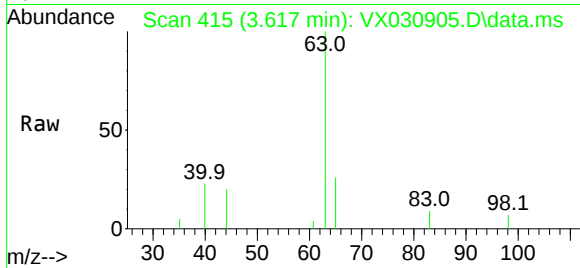




#24
1,1-Dichloroethane
Concen: 0.800 ug/l
RT: 3.617 min Scan# 414
Delta R.T. 0.006 min
Lab File: VX030905.D
Acq: 28 Aug 2022 05:58

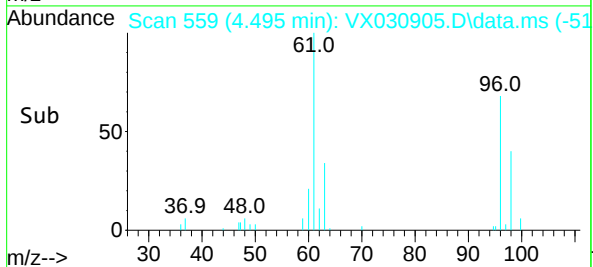
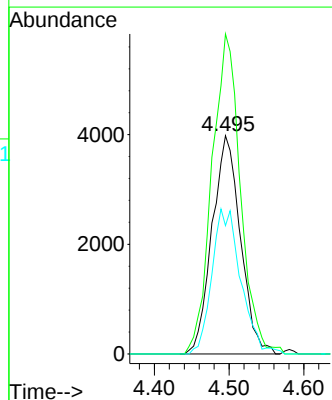
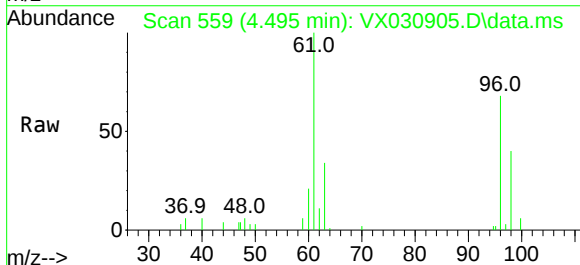
Instrument :
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RE135D3-20220824

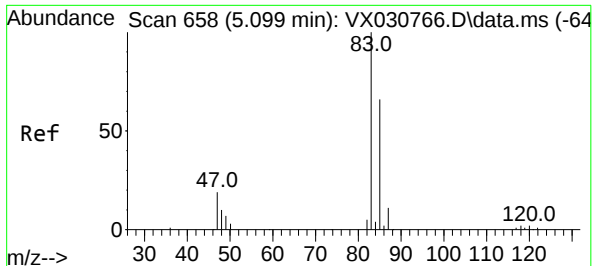
Tgt Ion: 63 Resp: 2290
Ion Ratio Lower Upper
63 100
98 7.2 3.5 10.5
100 0.0 2.3 6.9#



#27
cis-1,2-Dichloroethene
Concen: 5.822 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.000 min
Lab File: VX030905.D
Acq: 28 Aug 2022 05:58

Tgt Ion: 96 Resp: 10495
Ion Ratio Lower Upper
96 100
61 147.3 0.0 270.0
98 67.7 0.0 127.8





#30

Chloroform

Concen: 0.231 ug/l

RT: 5.105 min Scan# 61

Delta R.T. 0.006 min

Lab File: VX030905.D

Acq: 28 Aug 2022 05:58

Instrument :

MSVOA_X

ClientSampleId :

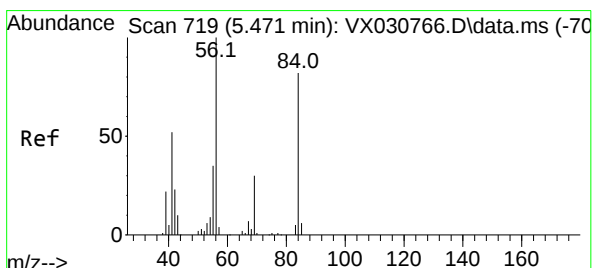
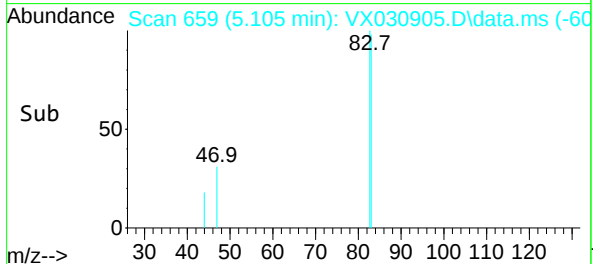
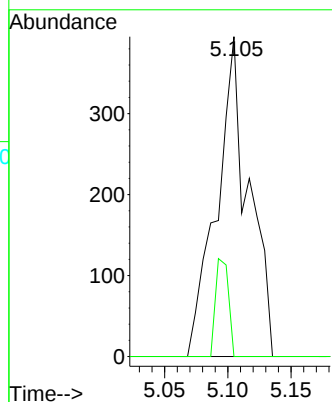
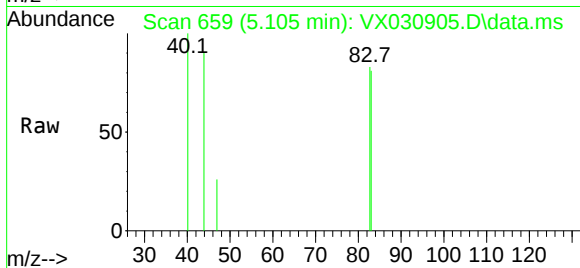
RE135D3-20220824

Tgt Ion: 83 Resp: 695

Ion Ratio Lower Upper

83 100

85 0.0 51.5 77.3#



#31

Cyclohexane

Concen: 1.813 ug/l

RT: 5.562 min Scan# 734

Delta R.T. 0.091 min

Lab File: VX030905.D

Acq: 28 Aug 2022 05:58

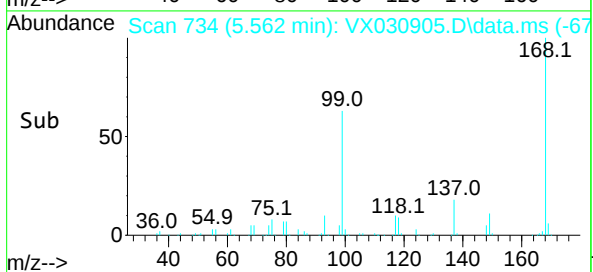
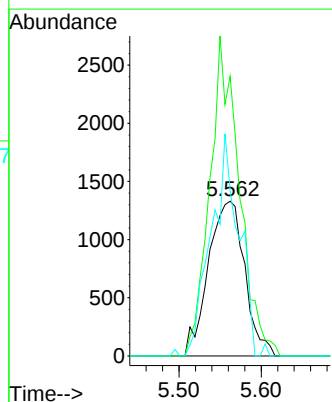
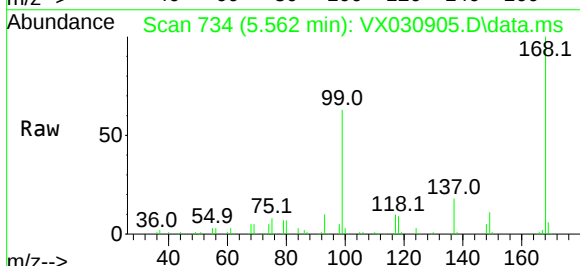
Tgt Ion: 56 Resp: 4086

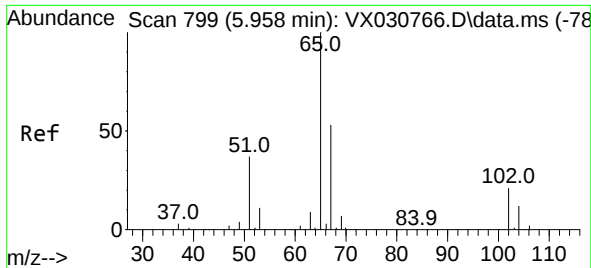
Ion Ratio Lower Upper

56 100

69 180.8 25.4 38.0#

84 107.1 68.9 103.3#

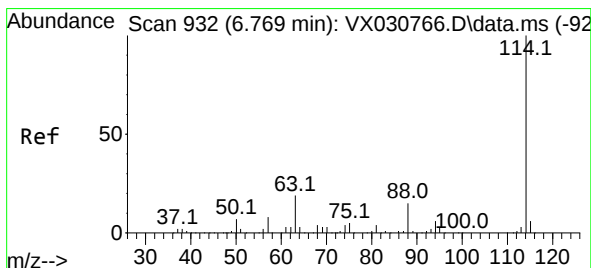
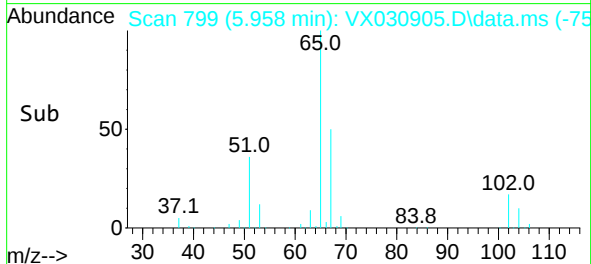
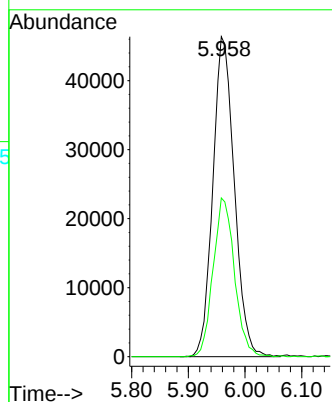
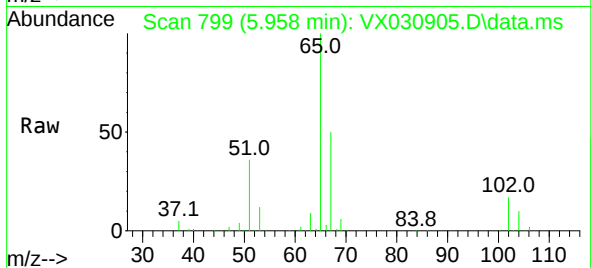




#33
 1,2-Dichloroethane-d4
 Concen: 69.123 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX030905.D
 Acq: 28 Aug 2022 05:58

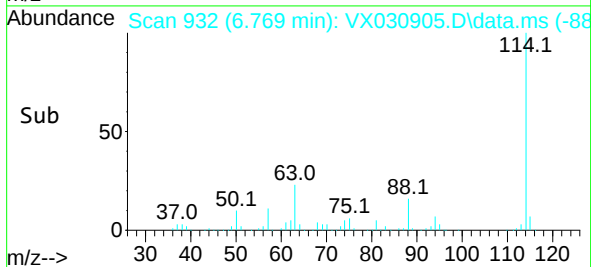
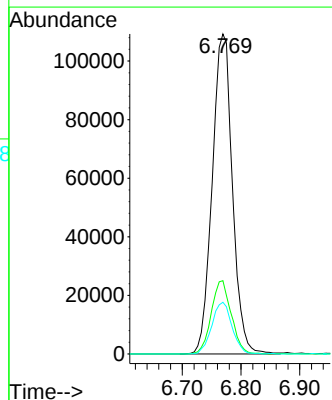
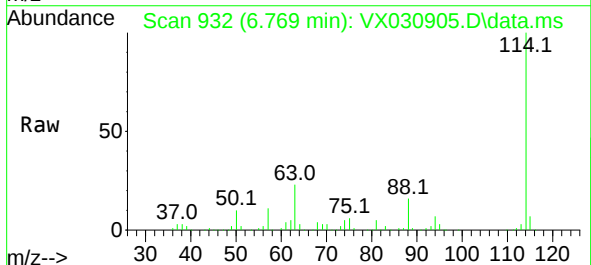
Instrument :
 MSVOA_X
 ClientSampleId :
 RE135D3-20220824

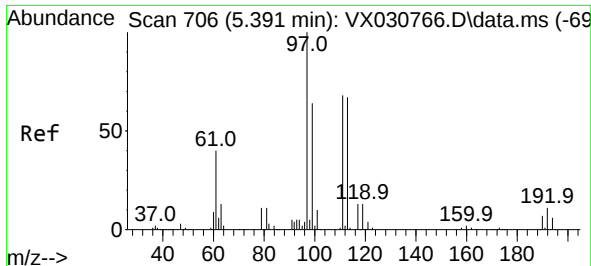
Tgt Ion: 65 Resp: 121836
 Ion Ratio Lower Upper
 65 100
 67 49.3 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. 0.000 min
 Lab File: VX030905.D
 Acq: 28 Aug 2022 05:58

Tgt Ion: 114 Resp: 260582
 Ion Ratio Lower Upper
 114 100
 63 22.9 0.0 38.4
 88 16.2 0.0 31.8





#35

Dibromofluoromethane

Concen: 54.026 ug/l

RT: 5.397 min Scan# 706

Delta R.T. 0.006 min

Lab File: VX030905.D

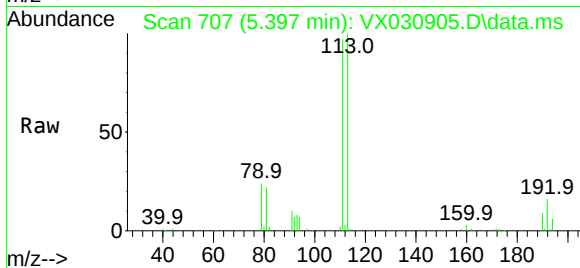
Acq: 28 Aug 2022 05:58

Instrument :

MSVOA_X

ClientSampleId :

RE135D3-20220824



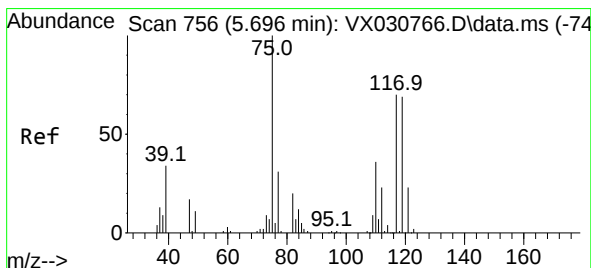
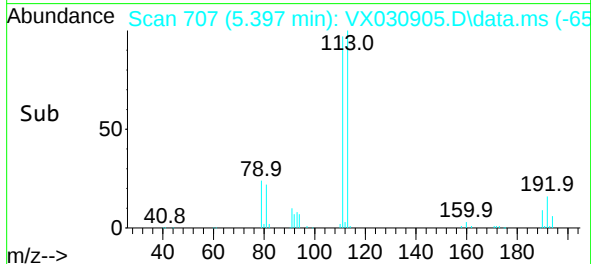
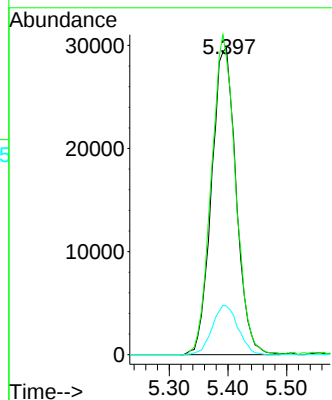
Tgt Ion:113 Resp: 86522

Ion Ratio Lower Upper

113 100

111 103.1 83.2 124.8

192 16.8 14.8 22.2



#36

1,1-Dichloropropene

Concen: 6.326 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.146 min

Lab File: VX030905.D

Acq: 28 Aug 2022 05:58

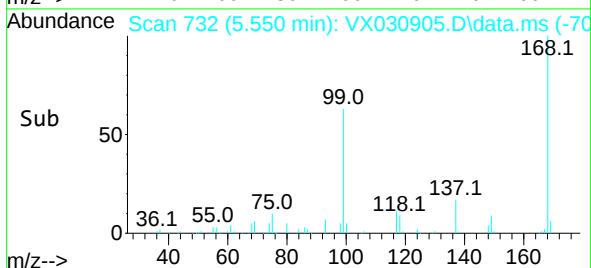
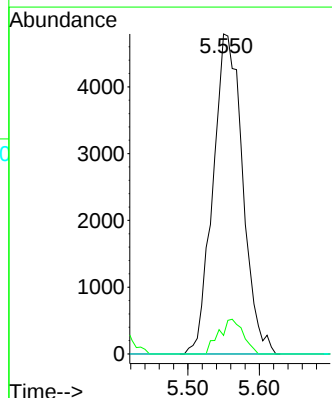
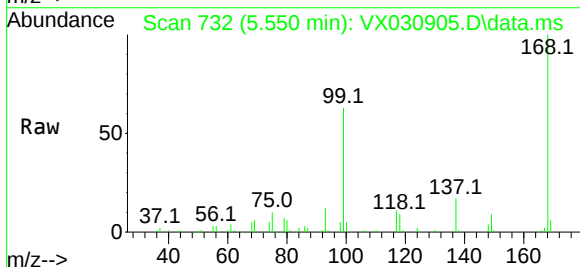
Tgt Ion: 75 Resp: 13796

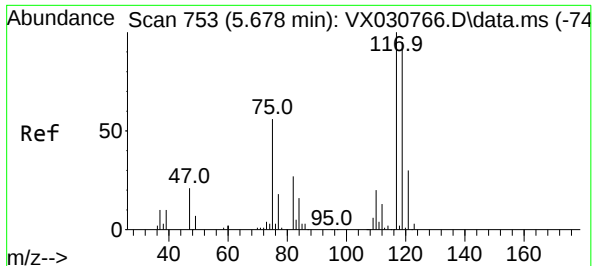
Ion Ratio Lower Upper

75 100

110 8.9 19.3 57.9#

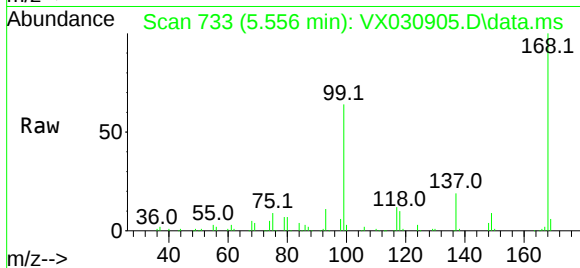
77 0.0 24.4 36.6#



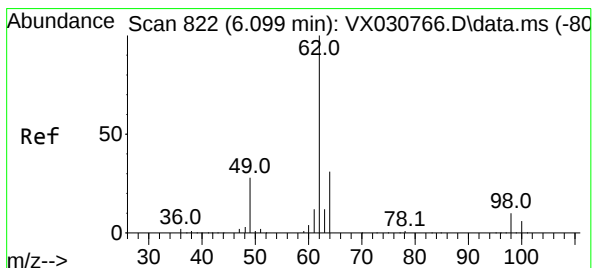
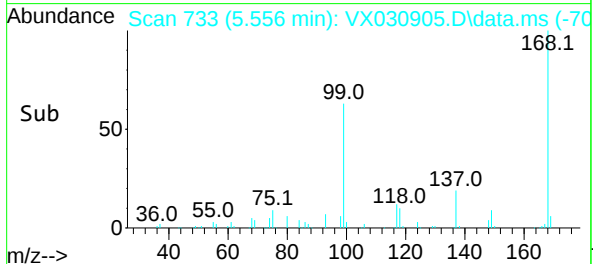
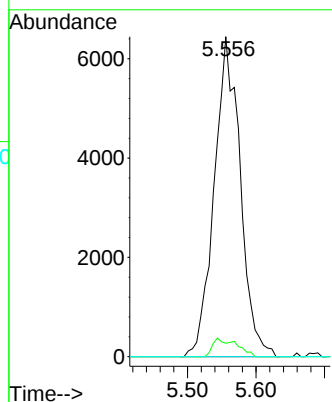


#38
Carbon Tetrachloride
Concen: 7.383 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX030905.D
Acq: 28 Aug 2022 05:58

Instrument :
MSVOA_X
ClientSampleId :
RE135D3-20220824

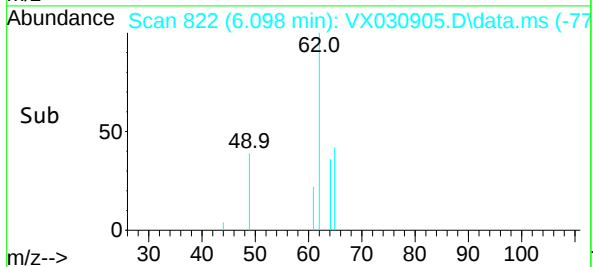
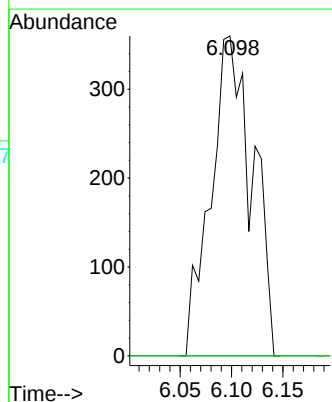
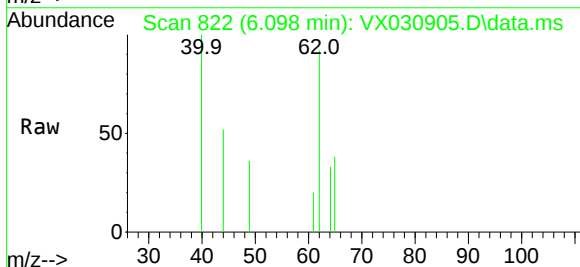


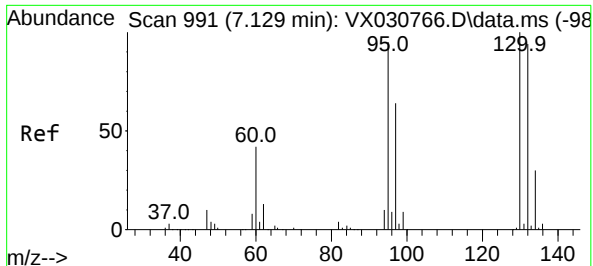
Tgt Ion:117 Resp: 16984
Ion Ratio Lower Upper
117 100
119 4.2 74.1 111.1#
121 0.0 25.8 38.8#



#42
1,2-Dichloroethane
Concen: 0.438 ug/l
RT: 6.098 min Scan# 822
Delta R.T. -0.001 min
Lab File: VX030905.D
Acq: 28 Aug 2022 05:58

Tgt Ion: 62 Resp: 1015
Ion Ratio Lower Upper
62 100
98 0.0 0.0 20.2

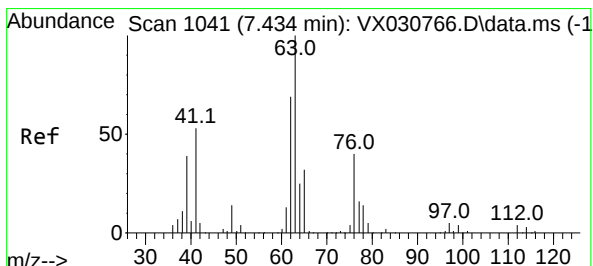
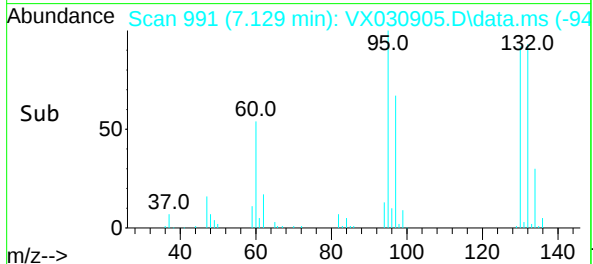
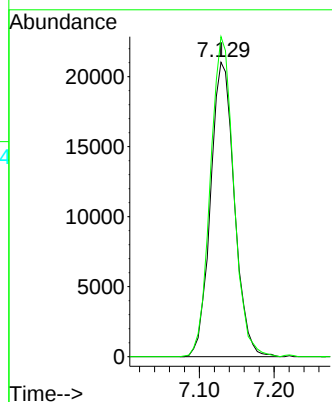
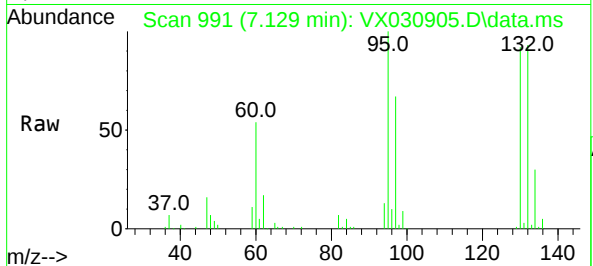




#44
Trichloroethene
Concen: 24.688 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX030905.D
Acq: 28 Aug 2022 05:58

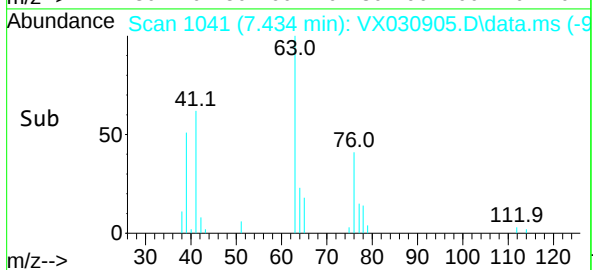
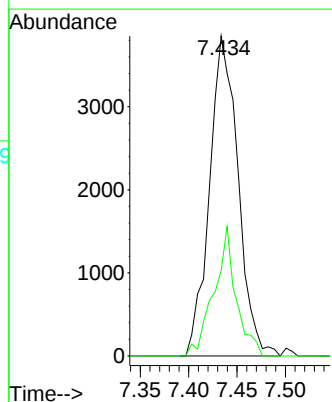
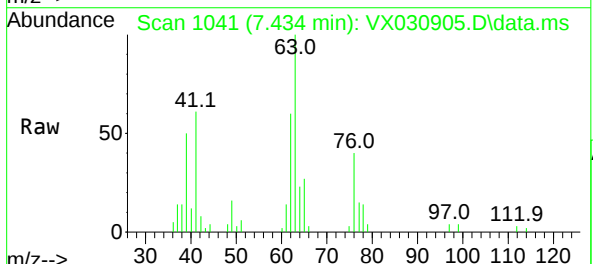
Instrument :
MSVOA_X
ClientSampleId :
RE135D3-20220824

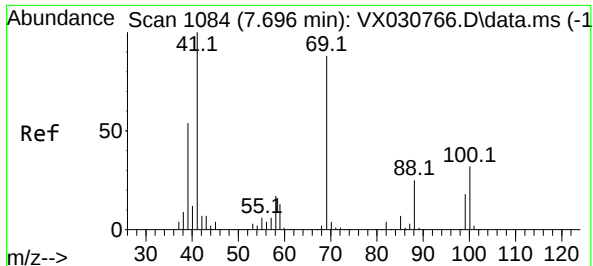
Tgt Ion:130 Resp: 46537
Ion Ratio Lower Upper
130 100
95 108.7 0.0 194.8



#45
1,2-Dichloropropane
Concen: 4.386 ug/l
RT: 7.434 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VX030905.D
Acq: 28 Aug 2022 05:58

Tgt Ion: 63 Resp: 7917
Ion Ratio Lower Upper
63 100
65 26.7 25.2 37.8

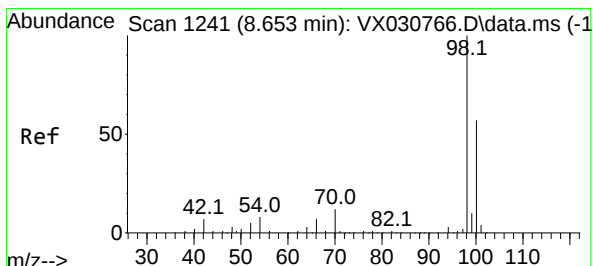
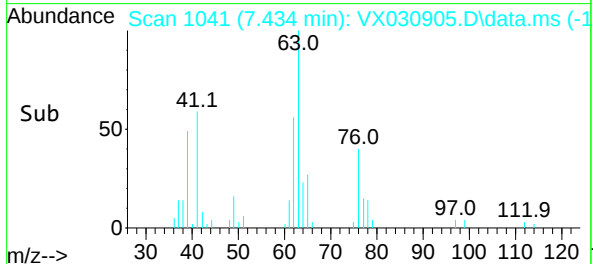
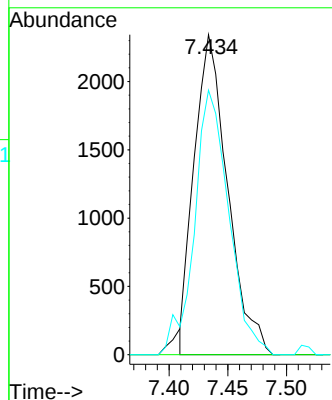
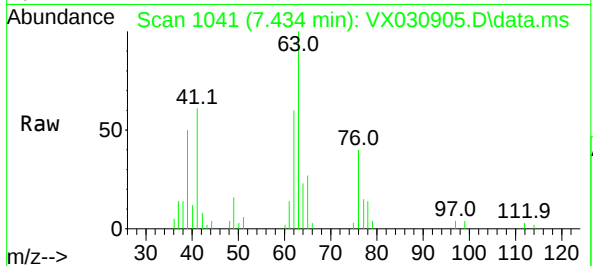




#48
Methyl methacrylate
Concen: 2.396 ug/l
RT: 7.434 min Scan# 1041
Delta R.T. -0.262 min
Lab File: VX030905.D
Acq: 28 Aug 2022 05:58

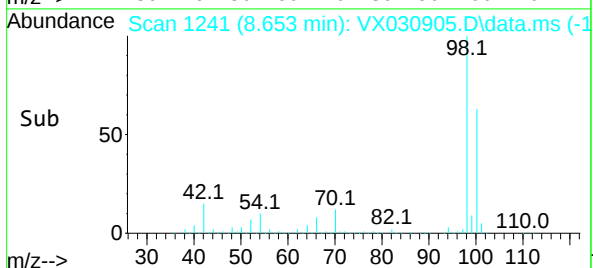
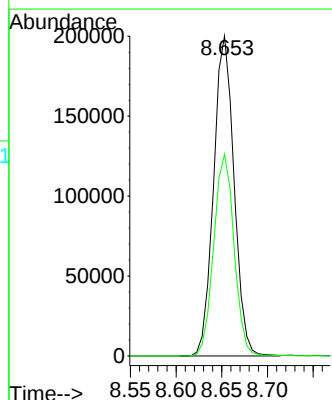
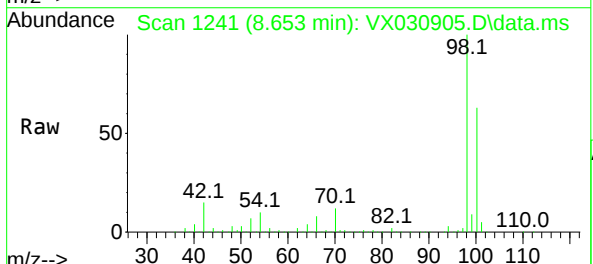
Instrument :
MSVOA_X
ClientSampleId :
RE135D3-20220824

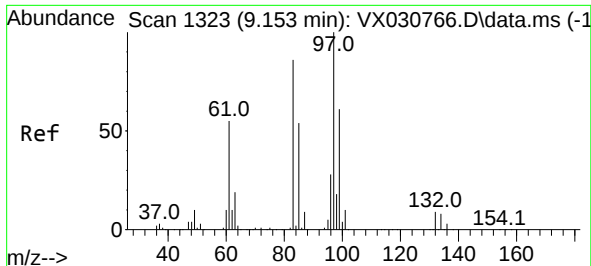
Tgt Ion: 41 Resp: 4647
Ion Ratio Lower Upper
41 100
69 0.0 68.8 103.2#
39 80.6 44.6 66.8#



#50
Toluene-d8
Concen: 55.763 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX030905.D
Acq: 28 Aug 2022 05:58

Tgt Ion: 98 Resp: 311196
Ion Ratio Lower Upper
98 100
100 62.8 52.3 78.5





#55

1,1,2-Trichloroethane

Concen: 0.425 ug/l

RT: 9.275 min Scan# 1

Delta R.T. 0.122 min

Lab File: VX030905.D

Acq: 28 Aug 2022 05:58

Instrument :

MSVOA_X

ClientSampleId :

RE135D3-20220824

Tgt Ion: 97 Resp: 770

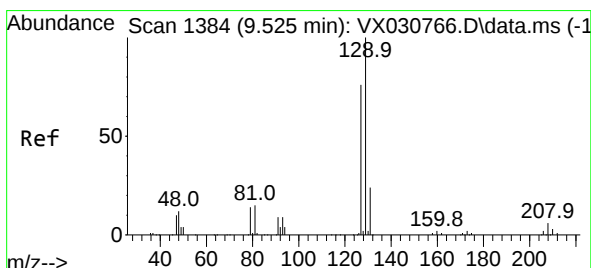
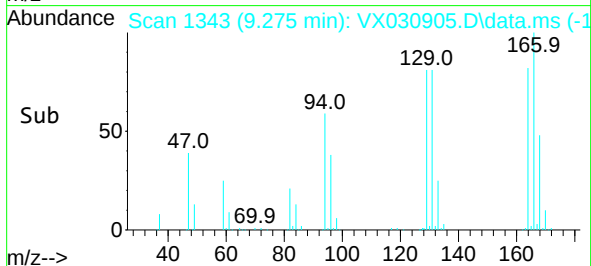
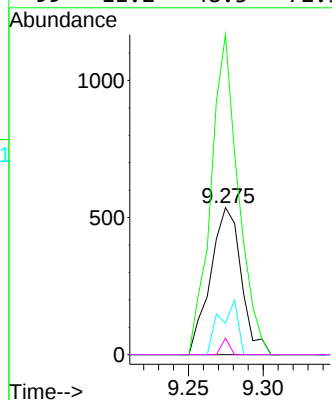
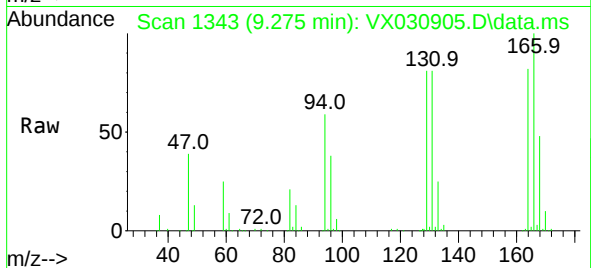
Ion Ratio Lower Upper

97 100

83 217.7 68.9 103.3#

85 21.5 44.0 66.0#

99 11.2 48.3 72.5#



#60

Dibromochloromethane

Concen: 32.746 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. -0.250 min

Lab File: VX030905.D

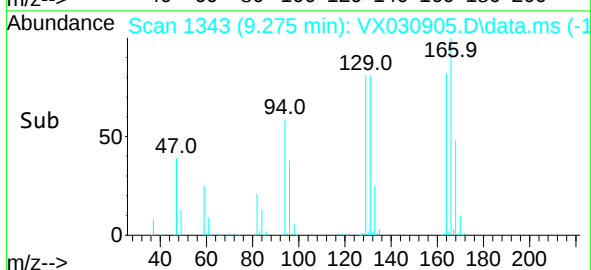
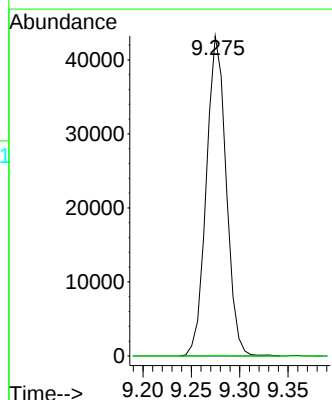
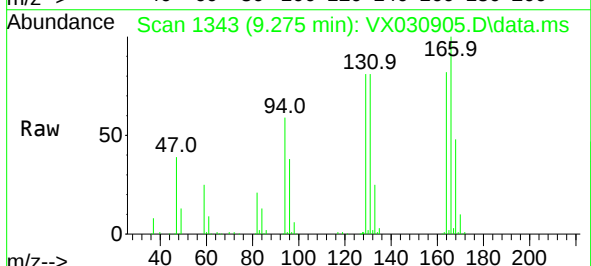
Acq: 28 Aug 2022 05:58

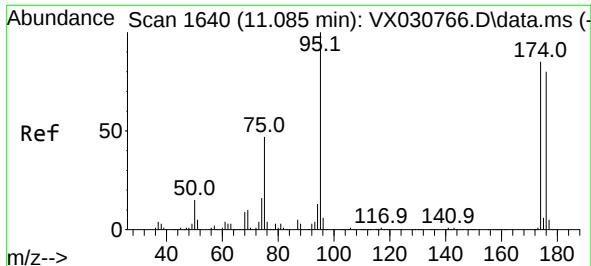
Tgt Ion: 129 Resp: 61799

Ion Ratio Lower Upper

129 100

127 0.1 38.5 115.5#





#62

4-Bromofluorobenzene

Concen: 47.344 ug/l

RT: 11.085 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX030905.D

Acq: 28 Aug 2022 05:58

Instrument :

MSVOA_X

ClientSampleId :

RE135D3-20220824

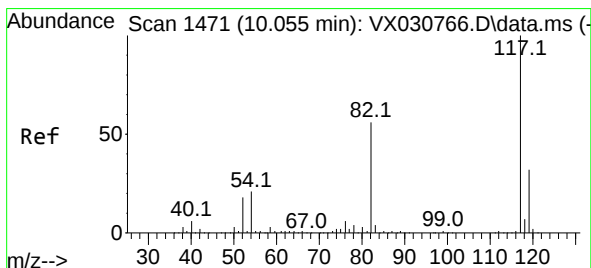
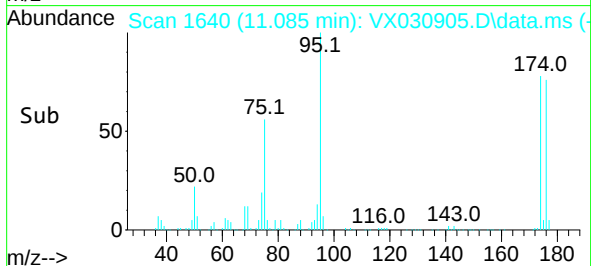
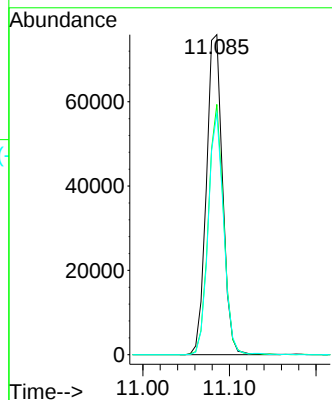
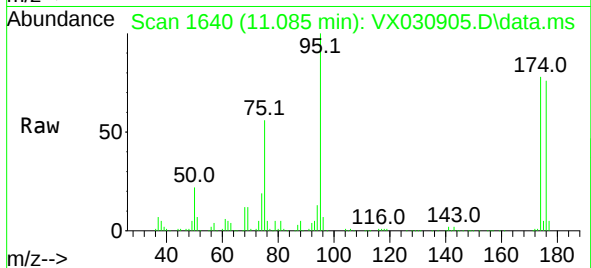
Tgt Ion: 95 Resp: 98366

Ion Ratio Lower Upper

95 100

174 73.8 0.0 149.0

176 71.8 0.0 146.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX030905.D

Acq: 28 Aug 2022 05:58

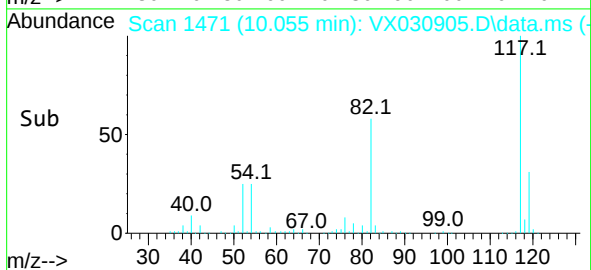
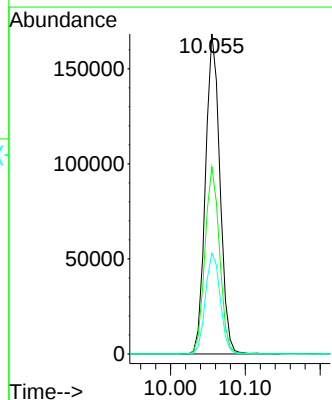
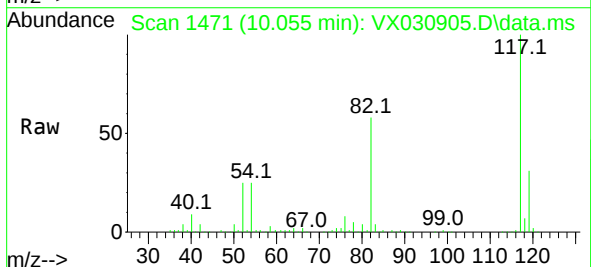
Tgt Ion: 117 Resp: 225911

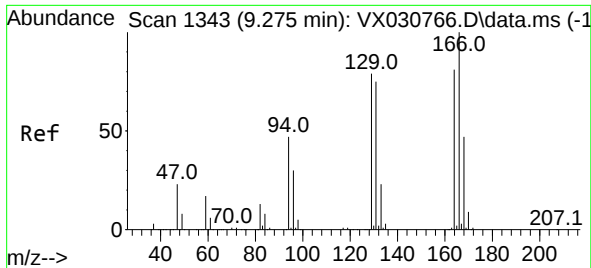
Ion Ratio Lower Upper

117 100

82 58.4 42.7 64.1

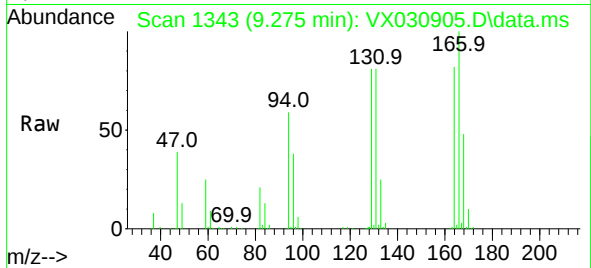
119 31.5 25.4 38.2





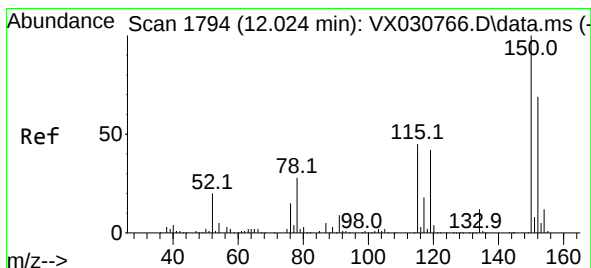
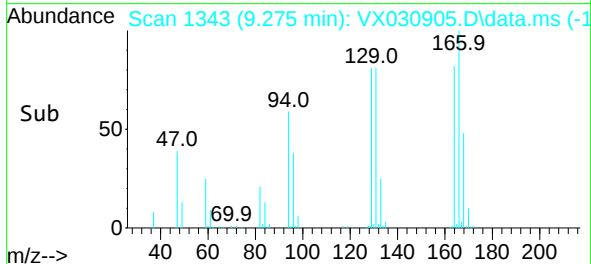
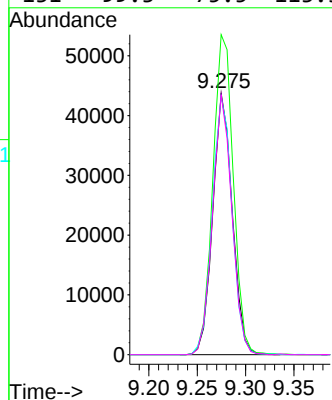
#64
Tetrachloroethene
Concen: 34.499 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX030905.D
Acq: 28 Aug 2022 05:58

Instrument :
MSVOA_X
ClientSampleId :
RE135D3-20220824



Tgt Ion:164 Resp: 61393

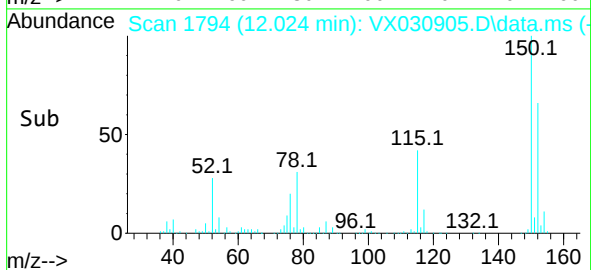
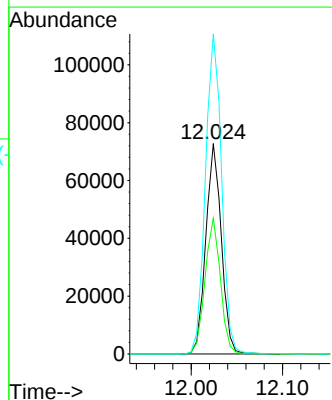
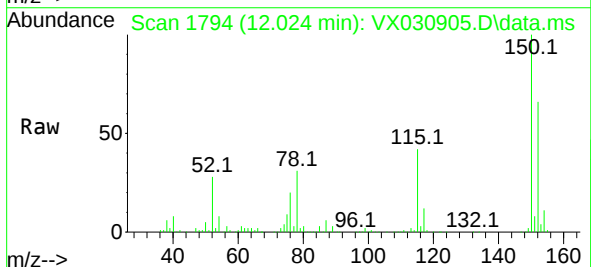
Ion	Ratio	Lower	Upper
164	100		
166	122.4	98.2	147.4
129	98.8	80.8	121.2
131	99.3	75.5	113.3

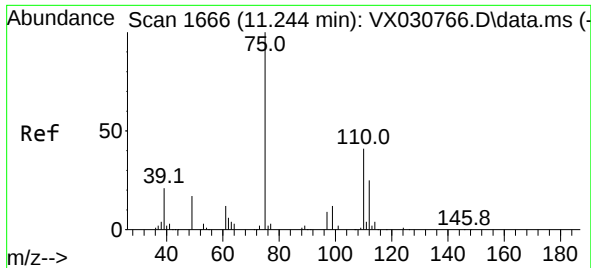


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX030905.D
Acq: 28 Aug 2022 05:58

Tgt Ion:152 Resp: 85944

Ion	Ratio	Lower	Upper
152	100		
115	64.1	40.5	121.5
150	157.8	0.0	347.0

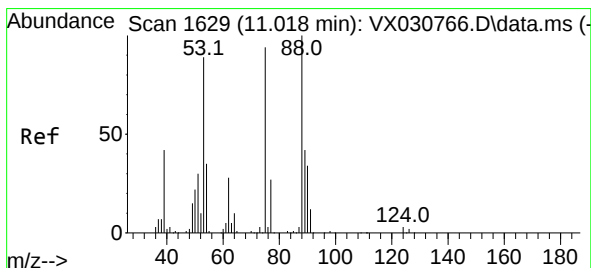
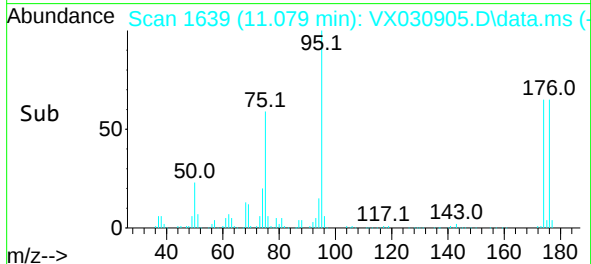
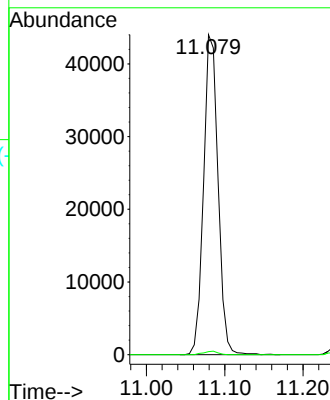
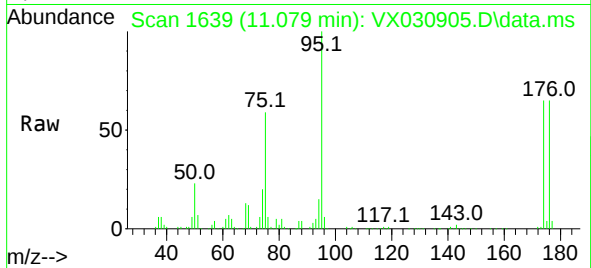




#76
1,2,3-Trichloropropane
Concen: 29.943 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX030905.D
Acq: 28 Aug 2022 05:58

Instrument :
MSVOA_X
ClientSampleId :
RE135D3-20220824

Tgt Ion: 75 Resp: 56380
Ion Ratio Lower Upper
75 100
77 1.1 19.8 59.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 96.609 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX030905.D
Acq: 28 Aug 2022 05:58

Tgt Ion: 75 Resp: 56380
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.2 34.8 52.2#

