

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083022\
 Data File : VX030955.D
 Acq On : 30 Aug 2022 21:41
 Operator : JC/MD
 Sample : N4297-15 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D3-20220821DL

Quant Time: Sep 06 01:19:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X083022W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 30 14:24:53 2022
 Response via : Initial Calibration

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

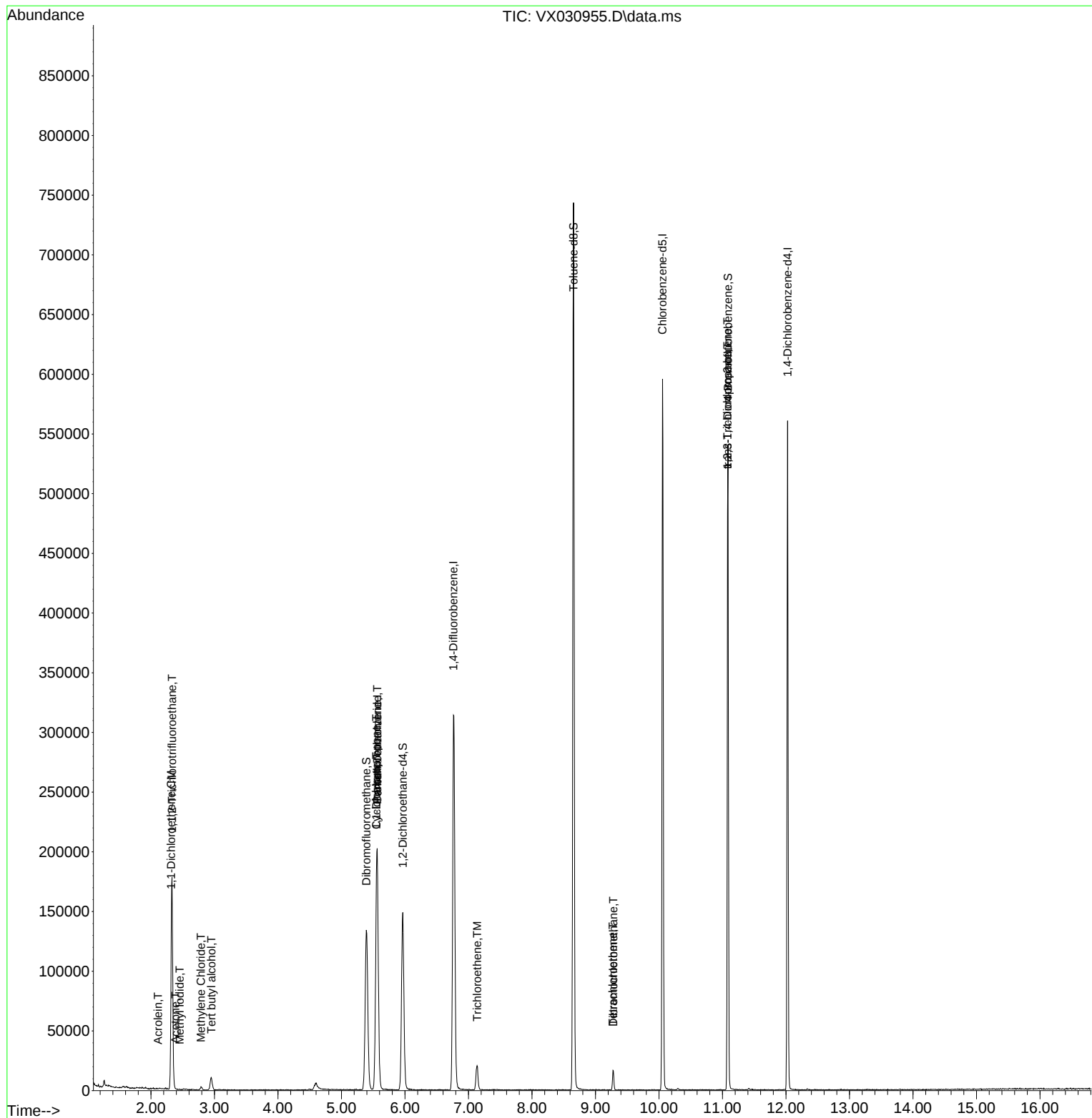
Internal Standards						
1) Pentafluorobenzene	5.562	168	195357	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	339573	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	283019	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	117310	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	138452	49.412	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.820%
35) Dibromofluoromethane	5.391	113	121140	48.395	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.800%
50) Toluene-d8	8.653	98	453547	48.926	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.860%
62) 4-Bromofluorobenzene	11.085	95	146533	44.389	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.780%
Target Compounds						
					Qvalue	
5) Bromomethane	1.612	94	382	Below Cal		97
9) 1,1,2-Trichlorotrifluo...	2.331	101	72139	29.972	ug/l	96
10) Methyl Iodide	2.453	142	253	4.480	ug/l #	81
11) Tert butyl alcohol	2.953	59	6174	9.300	ug/l #	77
12) 1,1-Dichloroethene	2.319	96	604	0.254	ug/l #	63
13) Acrolein	2.111	56	22	7.337	ug/l #	1
16) Acetone	2.386	43	869	0.687	ug/l	91
20) Methylene Chloride	2.788	84	1172	0.408	ug/l	91
31) Cyclohexane	5.550	56	3560	0.858	ug/l #	47
36) 1,1-Dichloropropene	5.550	75	15960	4.290	ug/l #	48
38) Carbon Tetrachloride	5.562	117	19855	5.606	ug/l #	16
44) Trichloroethene	7.135	130	9281	2.938	ug/l	96
60) Dibromochloromethane	9.281	129	3331	1.179	ug/l #	11
64) Tetrachloroethene	9.275	164	3253	1.215	ug/l	93
76) 1,2,3-Trichloropropane	11.079	75	69253	23.979	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	69253	71.294	ug/l #	12

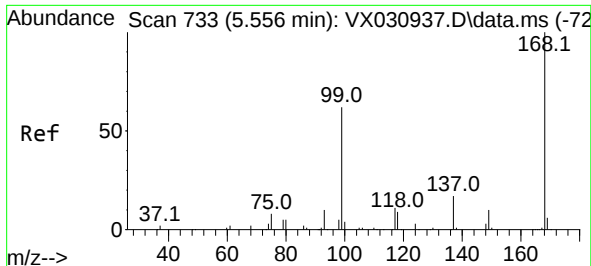
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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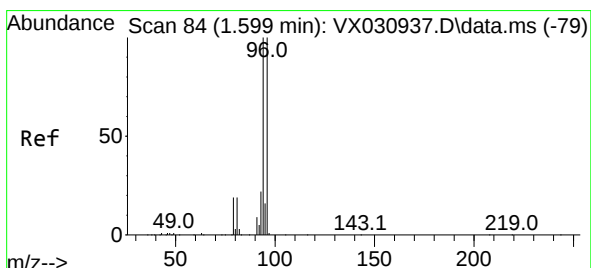
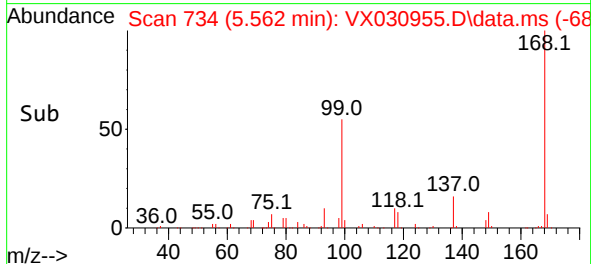
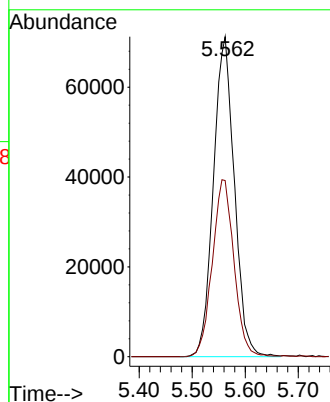
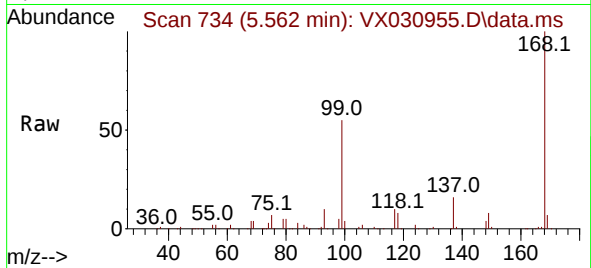




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX030955.D
Acq: 30 Aug 2022 21:41

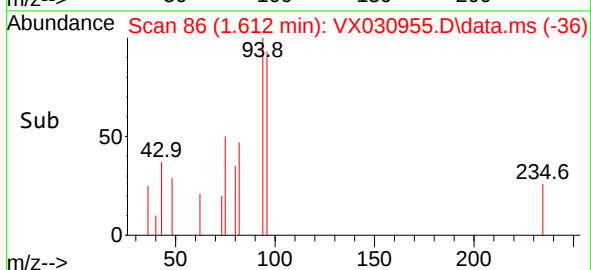
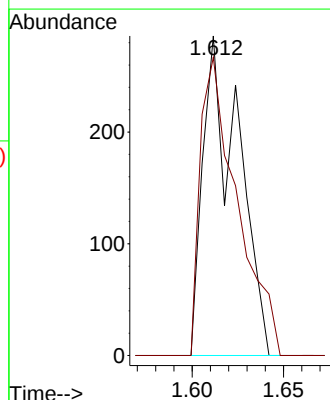
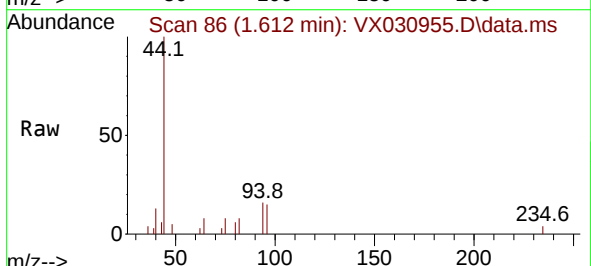
Instrument :
MSVOA_X
ClientSampleId :
RE131D3-20220821DL

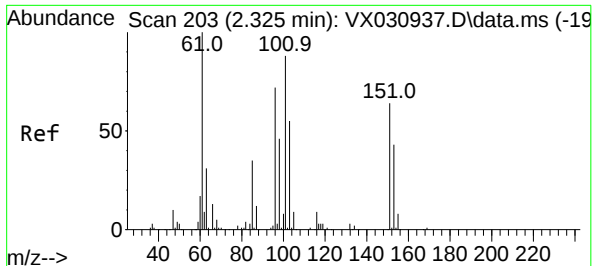
Tgt Ion:168 Resp: 195357
Ion Ratio Lower Upper
168 100
99 55.1 44.0 66.0



#5
Bromomethane
Concen: Below Cal
RT: 1.612 min Scan# 86
Delta R.T. 0.007 min
Lab File: VX030955.D
Acq: 30 Aug 2022 21:41

Tgt Ion: 94 Resp: 382
Ion Ratio Lower Upper
94 100
96 93.4 76.9 115.3

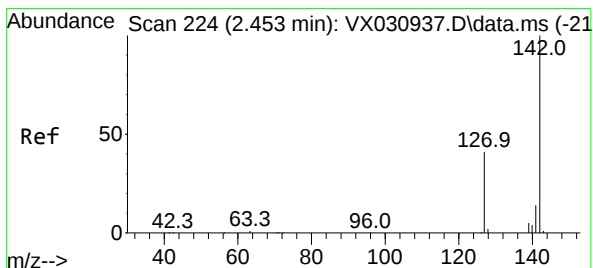
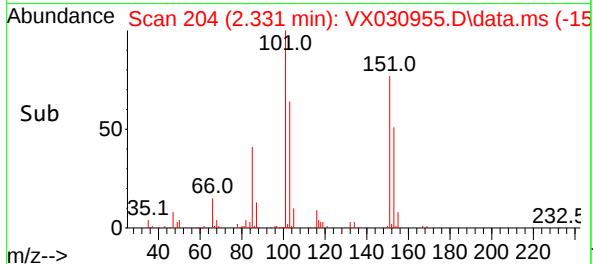
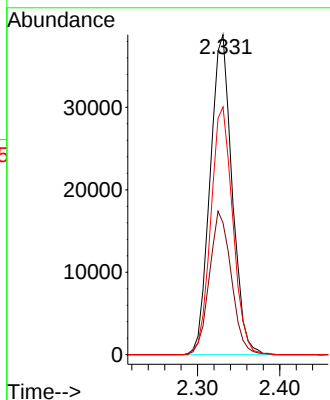
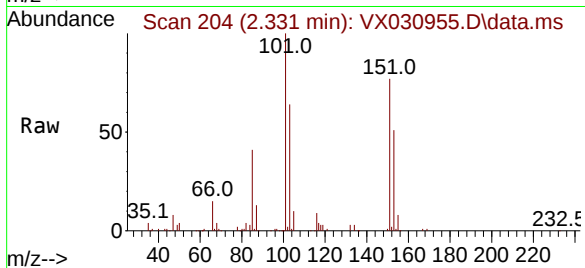




#9
1,1,2-Trichlorotrifluoroethane
Concen: 29.972 ug/l
RT: 2.331 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX030955.D
Acq: 30 Aug 2022 21:41

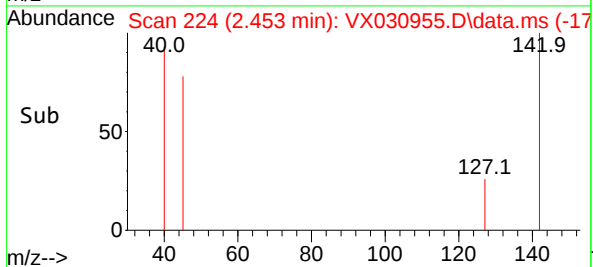
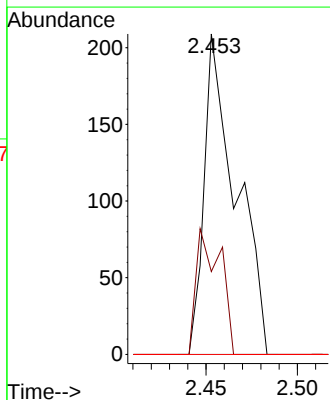
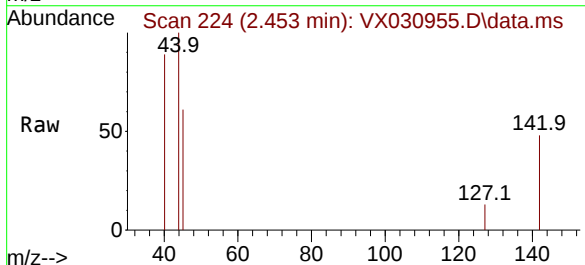
Instrument :
MSVOA_X
ClientSampleId :
RE131D3-20220821DL

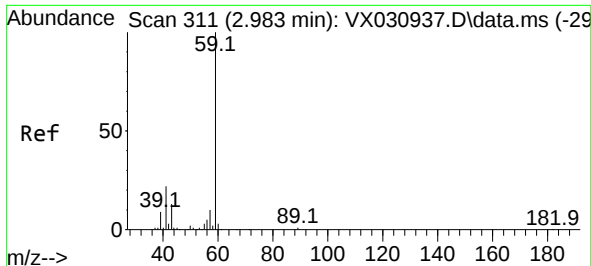
Tgt Ion:101 Resp: 72139
Ion Ratio Lower Upper
101 100
85 44.7 34.0 51.0
151 77.4 59.4 89.0



#10
Methyl Iodide
Concen: 4.480 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX030955.D
Acq: 30 Aug 2022 21:41

Tgt Ion:142 Resp: 253
Ion Ratio Lower Upper
142 100
127 29.6 30.2 45.2#
141 0.0 11.3 16.9#





#11

Tert butyl alcohol

Concen: 9.300 ug/l

RT: 2.953 min Scan# 306

Delta R.T. -0.036 min

Lab File: VX030955.D

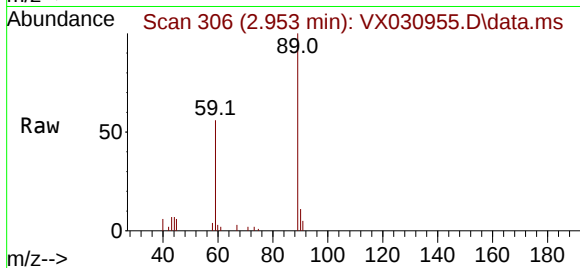
Acq: 30 Aug 2022 21:41

Instrument :

MSVOA_X

ClientSampleId :

RE131D3-20220821DL

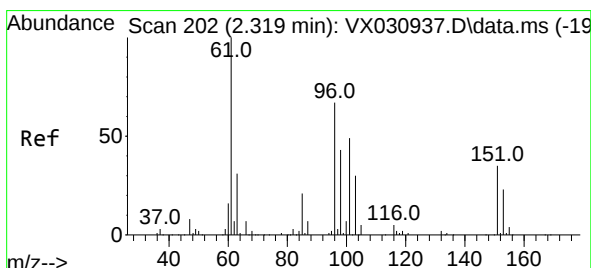
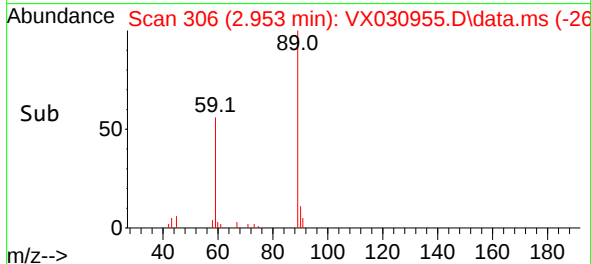
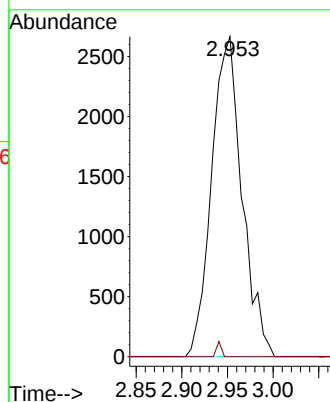


Tgt Ion: 59 Resp: 6174

Ion Ratio Lower Upper

59 100

57 0.7 7.4 11.2#



#12

1,1-Dichloroethene

Concen: 0.254 ug/l

RT: 2.319 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX030955.D

Acq: 30 Aug 2022 21:41

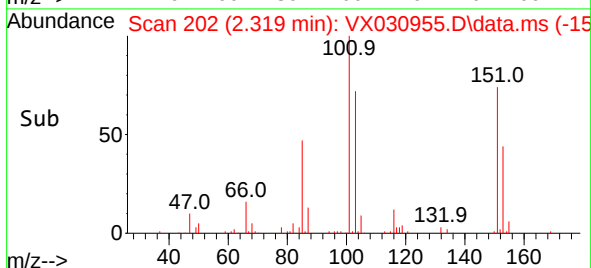
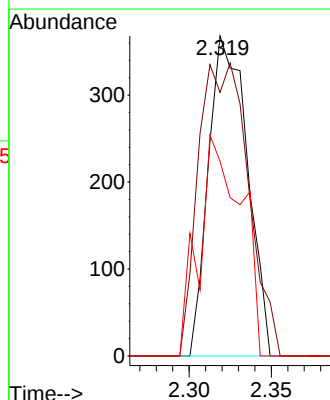
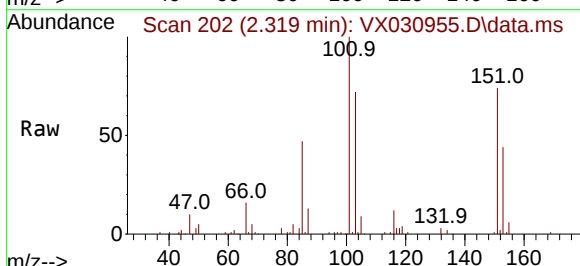
Tgt Ion: 96 Resp: 604

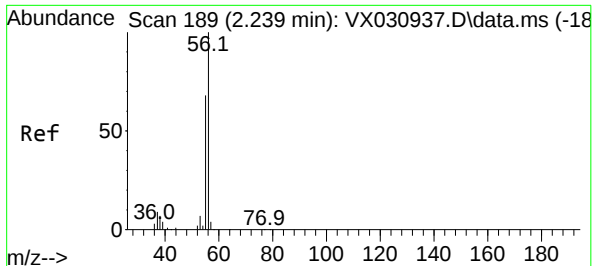
Ion Ratio Lower Upper

96 100

61 82.3 117.4 176.0#

98 60.9 52.2 78.4

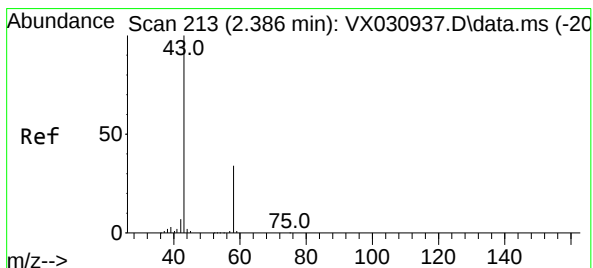
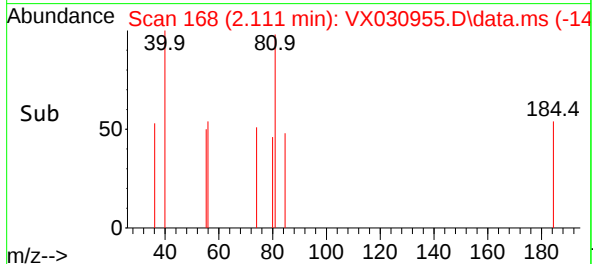
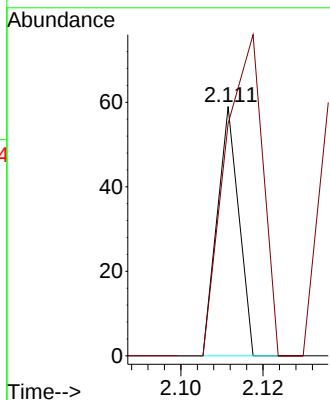
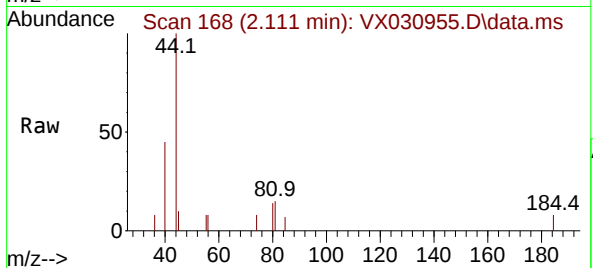




#13
Acrolein
Concen: 7.337 ug/l
RT: 2.111 min Scan# 1
Delta R.T. -0.128 min
Lab File: VX030955.D
Acq: 30 Aug 2022 21:41

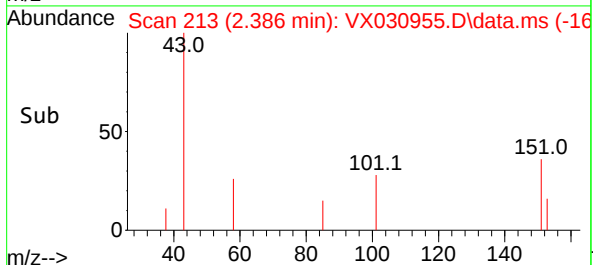
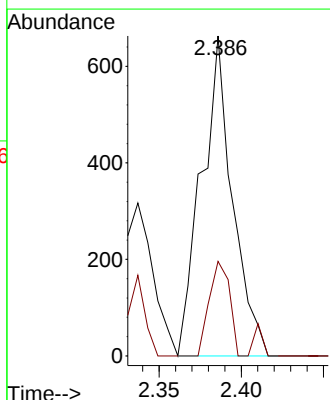
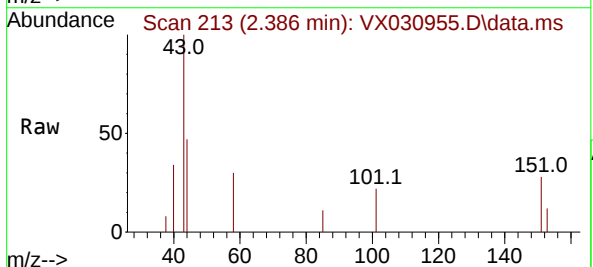
Instrument :
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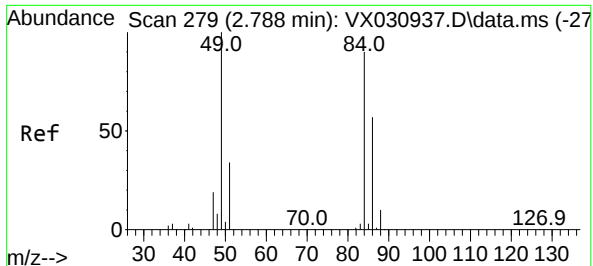
Tgt Ion: 56 Resp: 22
Ion Ratio Lower Upper
56 100
55 218.2 56.6 84.8#



#16
Acetone
Concen: 0.687 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX030955.D
Acq: 30 Aug 2022 21:41

Tgt Ion: 43 Resp: 869
Ion Ratio Lower Upper
43 100
58 29.6 27.7 41.5

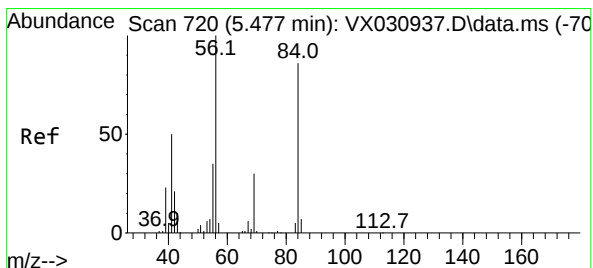
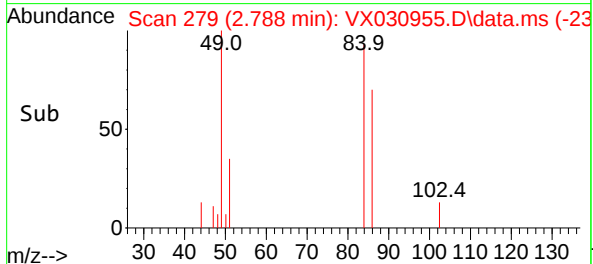
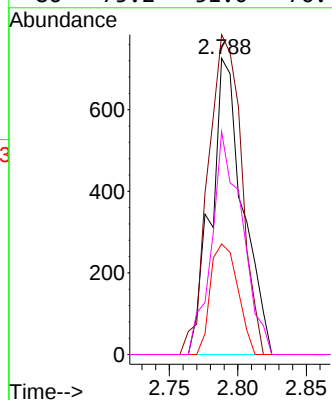
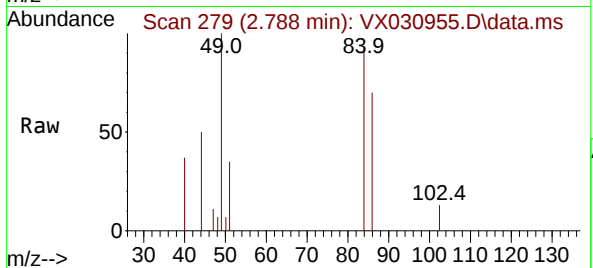




#20
Methylene Chloride
Concen: 0.408 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX030955.D
Acq: 30 Aug 2022 21:41

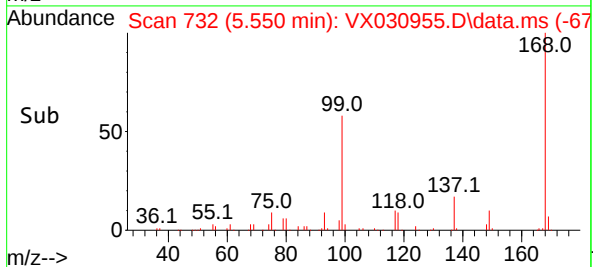
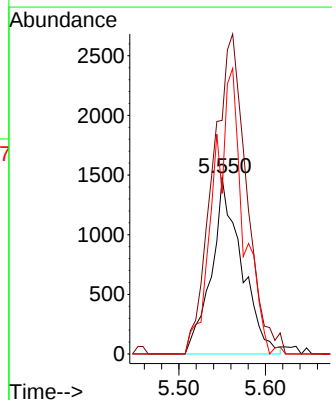
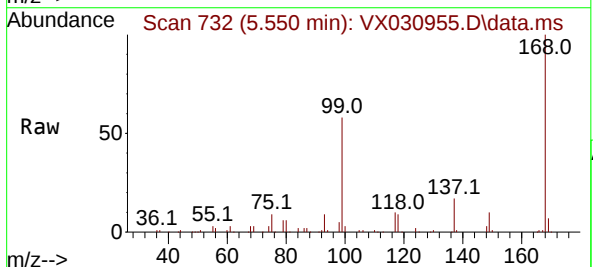
Instrument :
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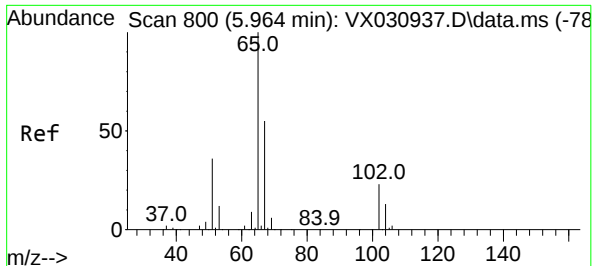
Tgt Ion:	84	Resp:	1172
Ion	Ratio	Lower	Upper
84	100		
49	108.0	93.8	140.6
51	37.3	29.4	44.0
86	75.2	51.0	76.4



#31
Cyclohexane
Concen: 0.858 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.073 min
Lab File: VX030955.D
Acq: 30 Aug 2022 21:41

Tgt Ion:	56	Resp:	3560
Ion	Ratio	Lower	Upper
56	100		
69	132.5	25.4	38.0#
84	91.1	68.9	103.3





#33

1,2-Dichloroethane-d4

Concen: 49.412 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.006 min

Lab File: VX030955.D

Acq: 30 Aug 2022 21:41

Instrument :

MSVOA_X

ClientSampleId :

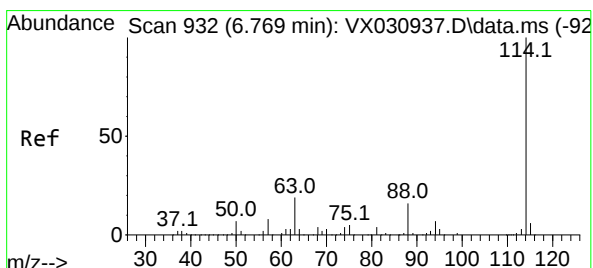
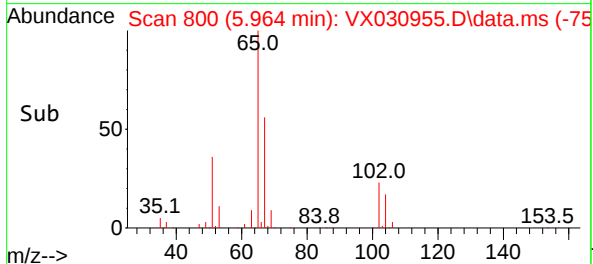
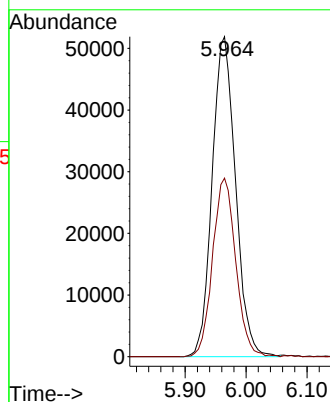
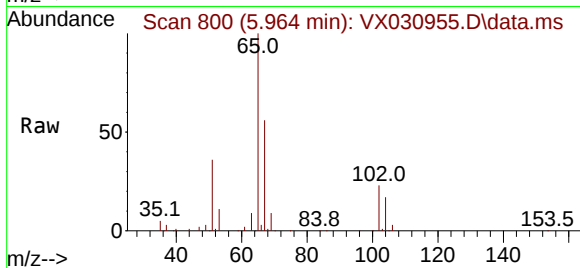
RE131D3-20220821DL

Tgt Ion: 65 Resp: 138452

Ion Ratio Lower Upper

65 100

67 55.3 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX030955.D

Acq: 30 Aug 2022 21:41

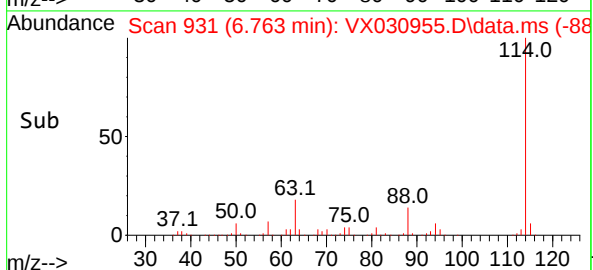
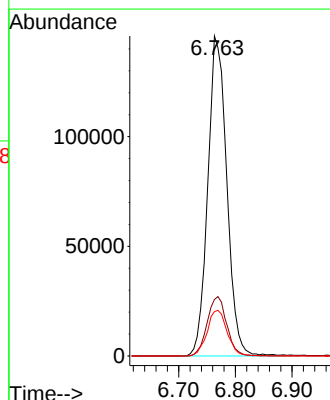
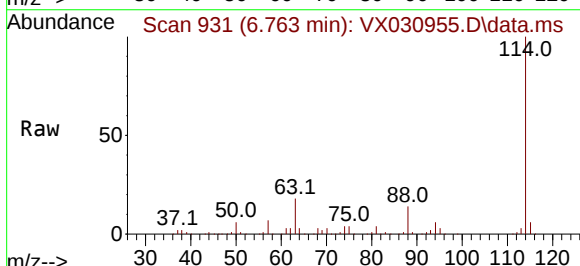
Tgt Ion: 114 Resp: 339573

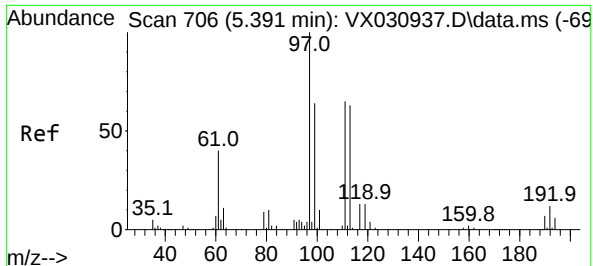
Ion Ratio Lower Upper

114 100

63 17.7 0.0 38.4

88 13.8 0.0 31.8





#35

Dibromofluoromethane

Concen: 48.395 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX030955.D

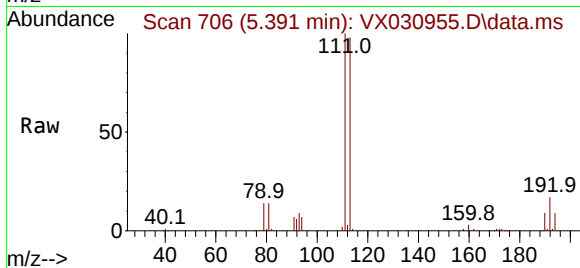
Acq: 30 Aug 2022 21:41

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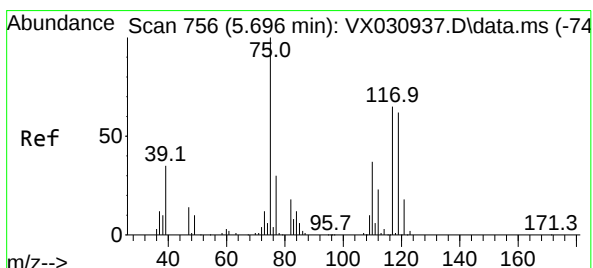
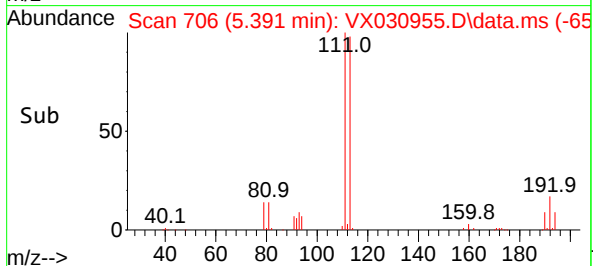
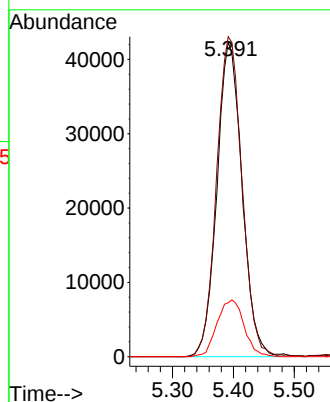
Tgt Ion:113 Resp: 121140

Ion Ratio Lower Upper

113 100

111 103.2 83.2 124.8

192 19.4 14.8 22.2



#36

1,1-Dichloropropene

Concen: 4.290 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.146 min

Lab File: VX030955.D

Acq: 30 Aug 2022 21:41

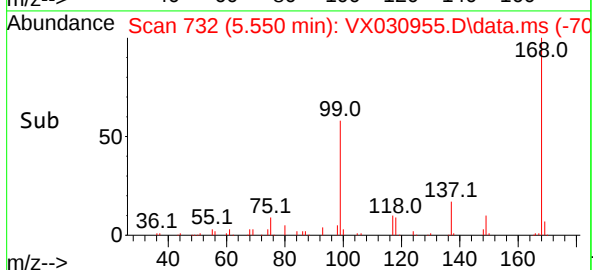
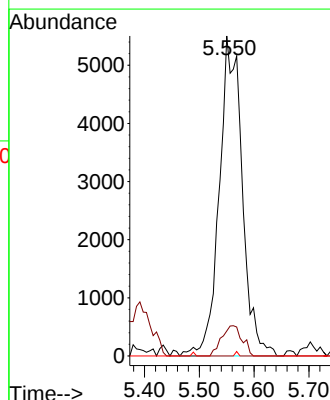
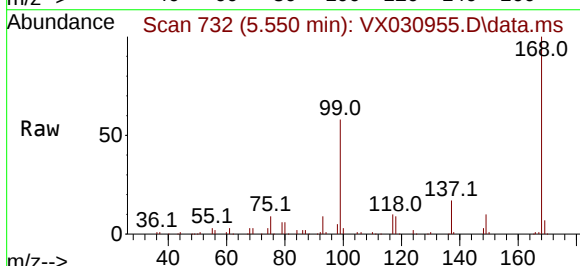
Tgt Ion: 75 Resp: 15960

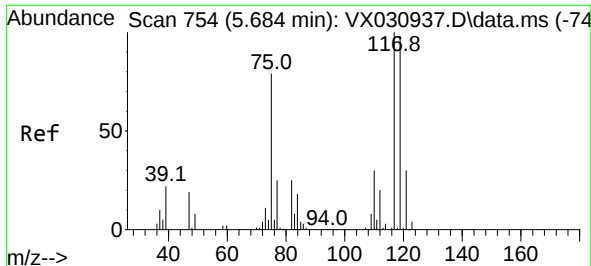
Ion Ratio Lower Upper

75 100

110 8.5 19.3 57.9#

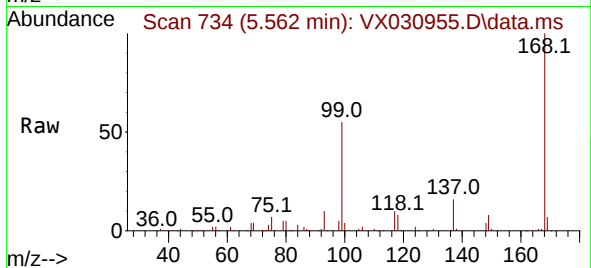
77 0.2 24.4 36.6#



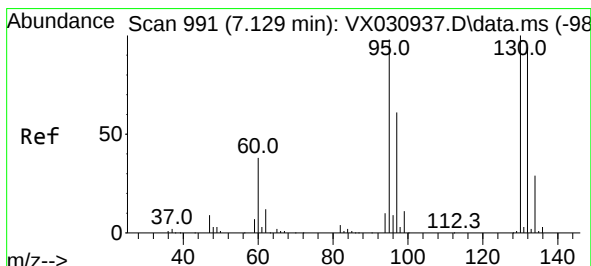
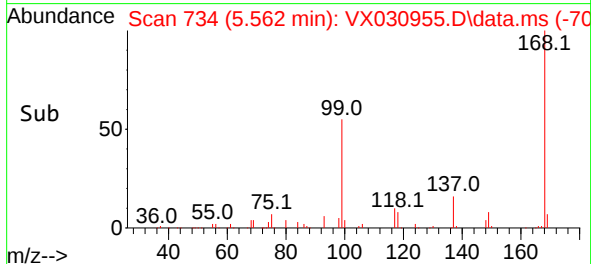
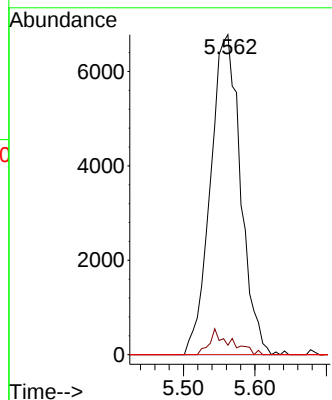


#38
Carbon Tetrachloride
Concen: 5.606 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX030955.D
Acq: 30 Aug 2022 21:41

Instrument :
MSVOA_X
ClientSampleId :
RE131D3-20220821DL

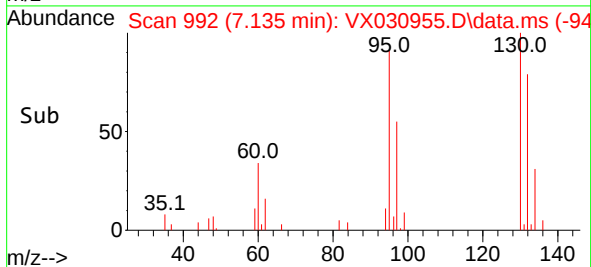
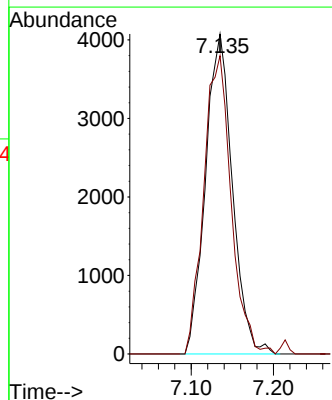
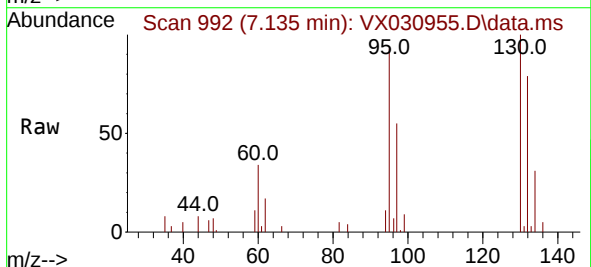


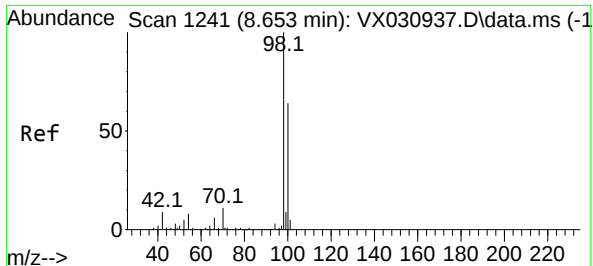
Tgt Ion:117 Resp: 19855
Ion Ratio Lower Upper
117 100
119 3.0 74.1 111.1#
121 0.0 25.8 38.8#



#44
Trichloroethene
Concen: 2.938 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX030955.D
Acq: 30 Aug 2022 21:41

Tgt Ion:130 Resp: 9281
Ion Ratio Lower Upper
130 100
95 93.2 0.0 194.8

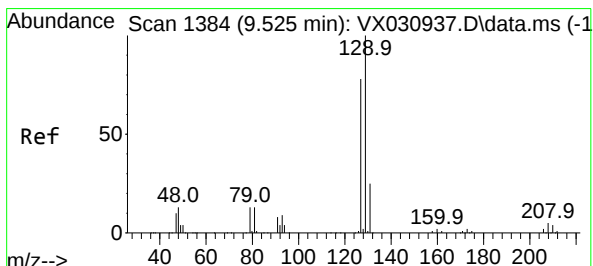
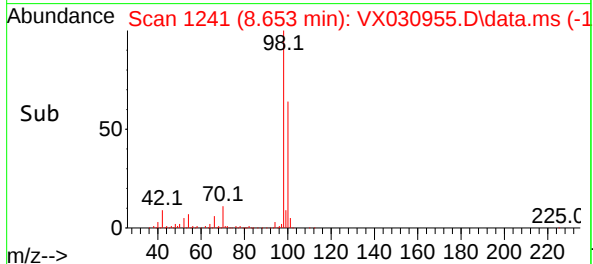
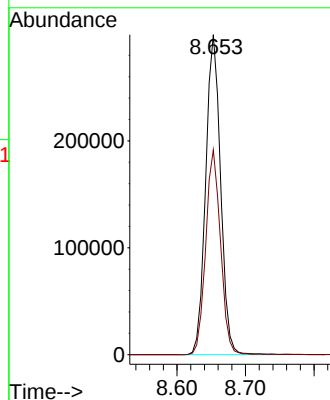
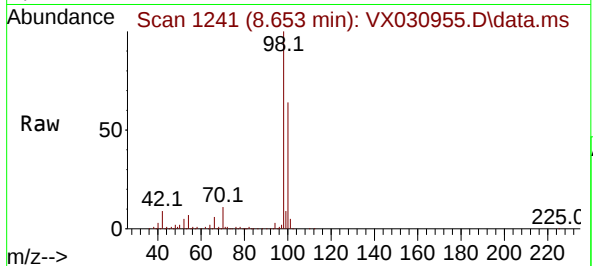




#50
Toluene-d8
Concen: 48.926 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX030955.D
Acq: 30 Aug 2022 21:41

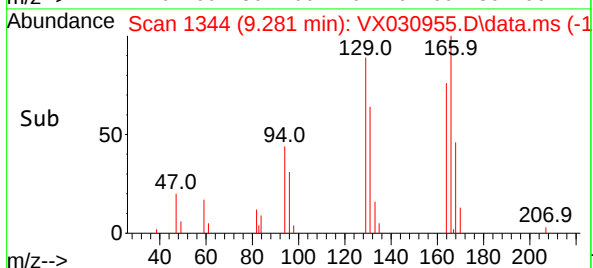
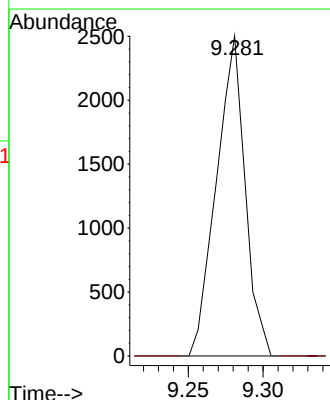
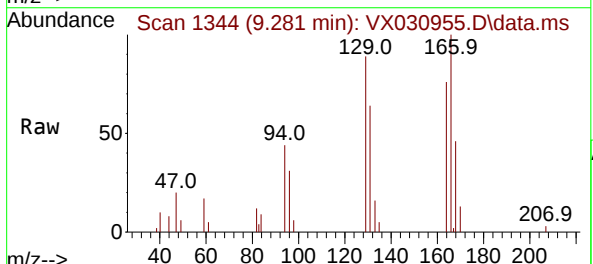
Instrument :
MSVOA_X
ClientSampleId :
RE131D3-20220821DL

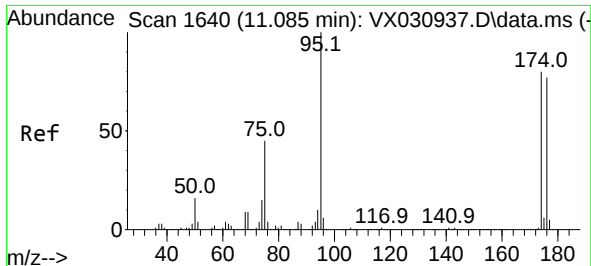
Tgt Ion: 98 Resp: 453547
Ion Ratio Lower Upper
98 100
100 63.7 52.3 78.5



#60
Dibromochloromethane
Concen: 1.179 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. -0.244 min
Lab File: VX030955.D
Acq: 30 Aug 2022 21:41

Tgt Ion:129 Resp: 3331
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.5#

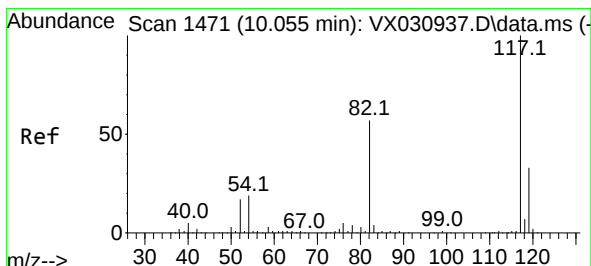
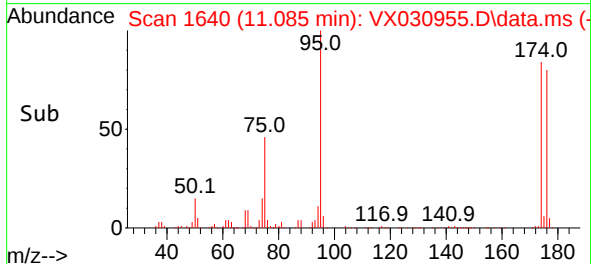
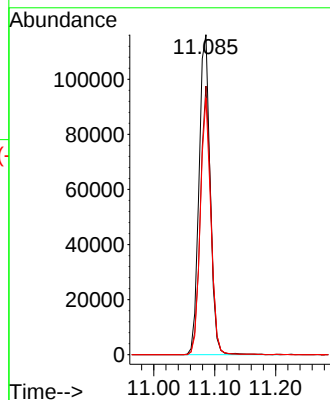
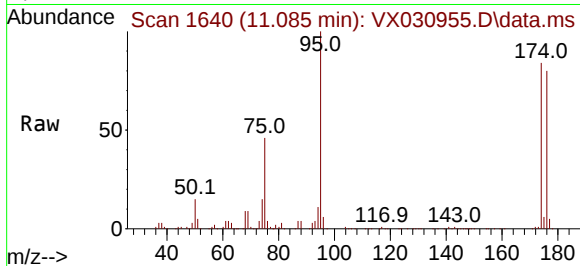




#62
4-Bromofluorobenzene
Concen: 44.389 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX030955.D
Acq: 30 Aug 2022 21:41

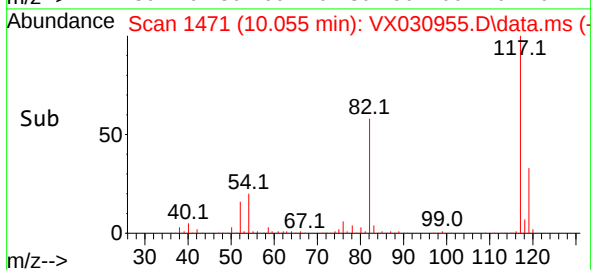
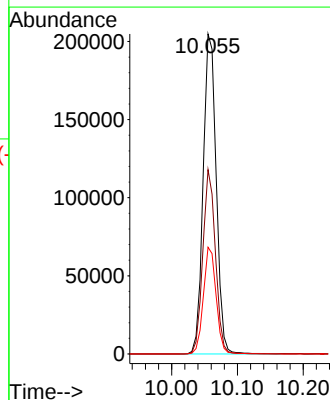
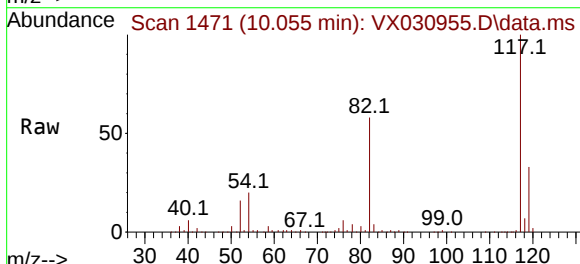
Instrument :
MSVOA_X
ClientSampleId :
RE131D3-20220821DL

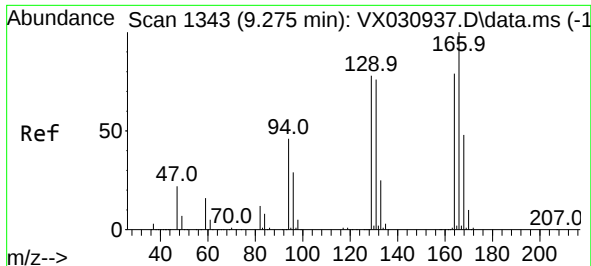
Tgt Ion: 95 Resp: 146533
Ion Ratio Lower Upper
95 100
174 79.9 0.0 149.0
176 76.3 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030955.D
Acq: 30 Aug 2022 21:41

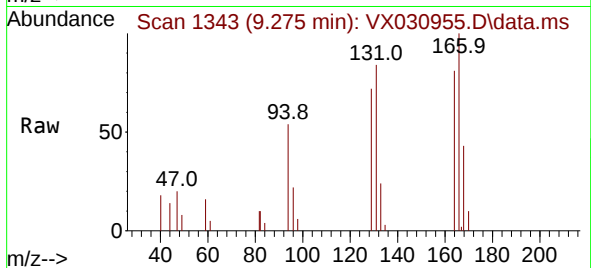
Tgt Ion: 117 Resp: 283019
Ion Ratio Lower Upper
117 100
82 57.6 42.7 64.1
119 33.4 25.4 38.2



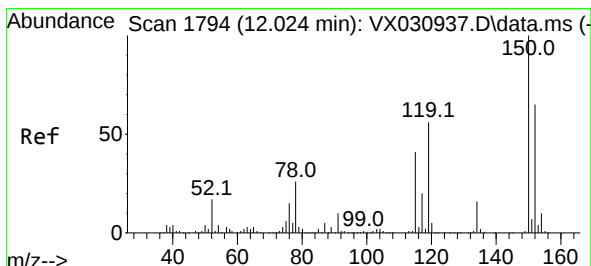
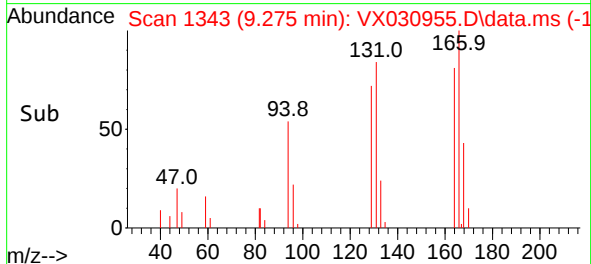
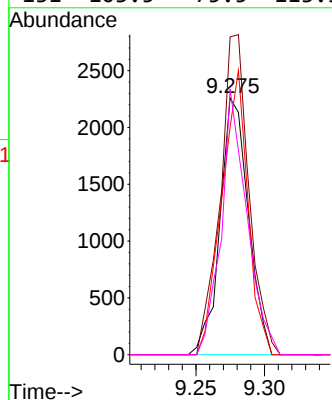


#64
Tetrachloroethene
Concen: 1.215 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX030955.D
Acq: 30 Aug 2022 21:41

Instrument :
MSVOA_X
ClientSampleId :
RE131D3-20220821DL

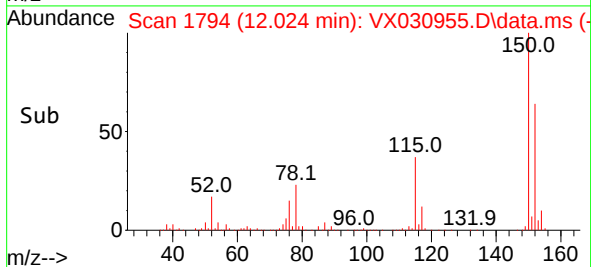
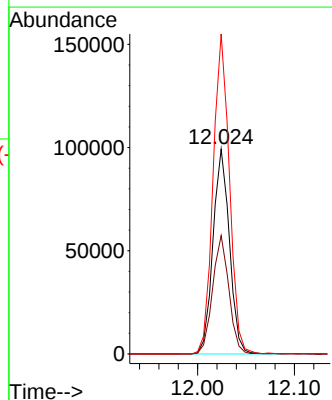
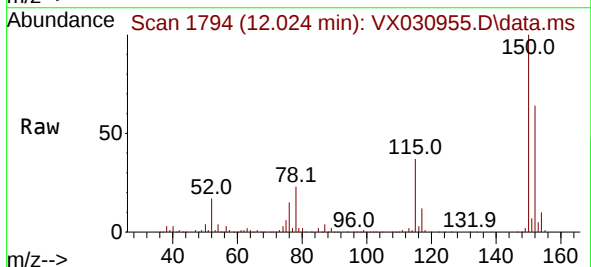


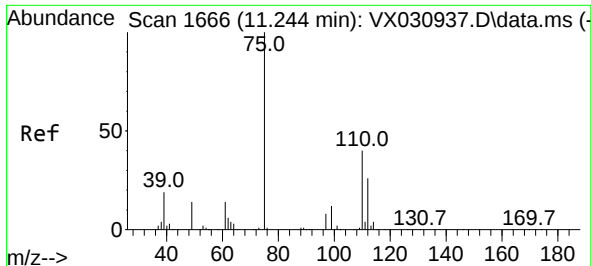
Tgt Ion:164 Resp: 3253
Ion Ratio Lower Upper
164 100
166 123.9 98.2 147.4
129 88.8 80.8 121.2
131 103.5 75.5 113.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX030955.D
Acq: 30 Aug 2022 21:41

Tgt Ion:152 Resp: 117310
Ion Ratio Lower Upper
152 100
115 57.4 40.5 121.5
150 155.2 0.0 347.0

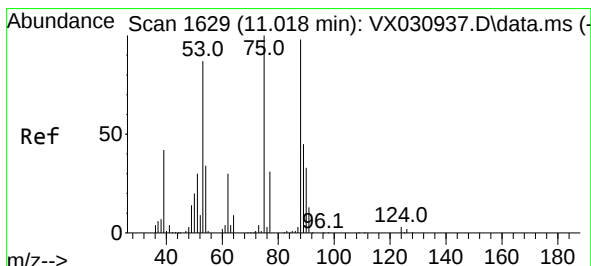
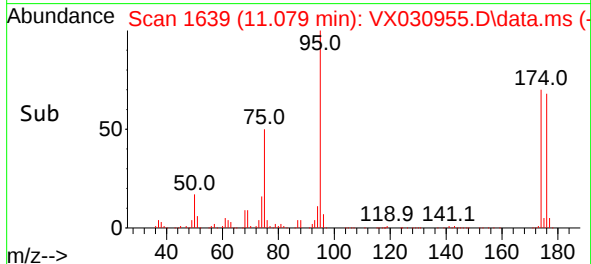
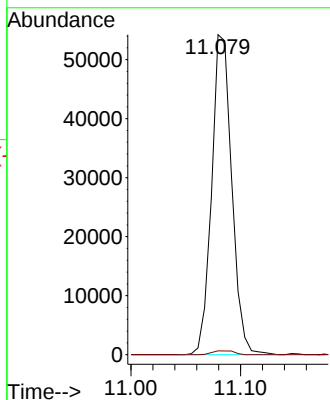
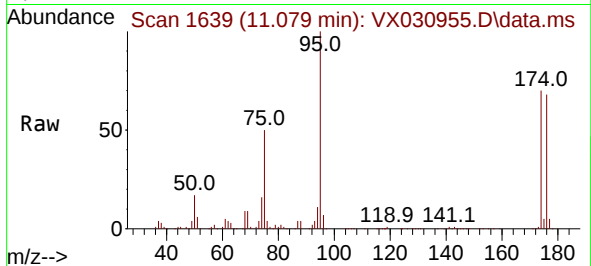




#76
1,2,3-Trichloropropane
Concen: 23.979 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX030955.D
Acq: 30 Aug 2022 21:41

Instrument :
MSVOA_X
ClientSampleId :
RE131D3-20220821DL

Tgt Ion: 75 Resp: 69253
Ion Ratio Lower Upper
75 100
77 1.3 19.8 59.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 71.294 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.055 min
Lab File: VX030955.D
Acq: 30 Aug 2022 21:41

Tgt Ion: 75 Resp: 69253
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.0 34.8 52.2#

