

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083022\
 Data File : VX030950.D
 Acq On : 30 Aug 2022 19:44
 Operator : JC/MD
 Sample : N4281-09DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D4-20220818DL

Quant Time: Sep 06 01:17:29 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)

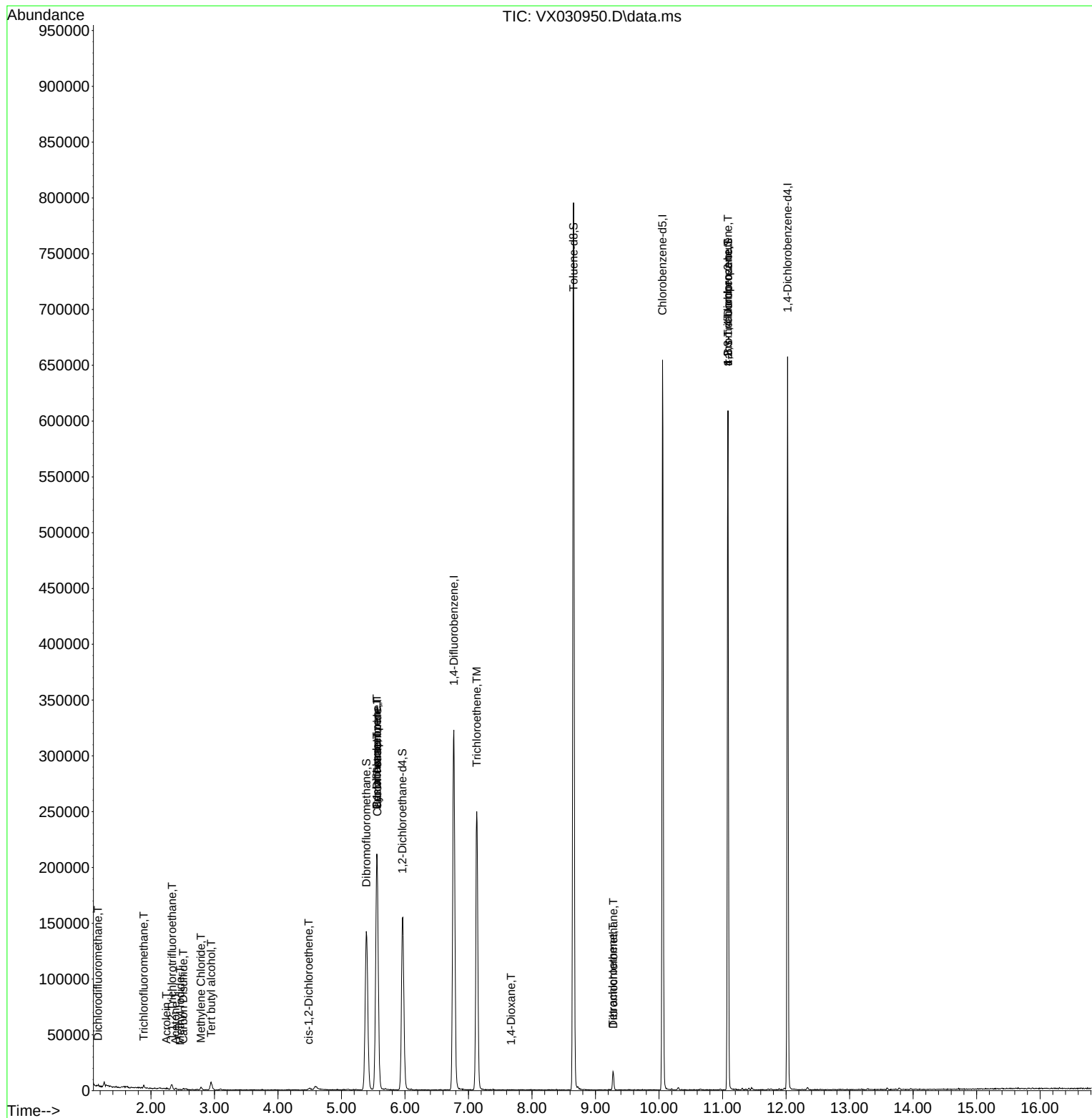
Internal Standards						
1) Pentafluorobenzene	5.556	168	204760	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	345883	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	310958	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	140762	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	147798	50.325	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.660%			
35) Dibromofluoromethane	5.391	113	129375	50.742	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.480%			
50) Toluene-d8	8.653	98	497486	52.687	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.380%			
62) 4-Bromofluorobenzene	11.085	95	161021	47.888	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 95.780%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	477	0.220	ug/l	71
5) Bromomethane	1.605	94	292	Below Cal	#	73
7) Trichlorofluoromethane	1.886	101	1425	0.363	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.331	101	1968	0.780	ug/l	96
10) Methyl Iodide	2.459	142	415	4.538	ug/l #	45
11) Tert butyl alcohol	2.946	59	3939	5.661	ug/l #	74
13) Acrolein	2.239	56	21	7.332	ug/l #	14
16) Acetone	2.386	43	930	0.702	ug/l	91
17) Carbon Disulfide	2.508	76	1460	0.222	ug/l	98
20) Methylene Chloride	2.788	84	1040	0.345	ug/l #	84
27) cis-1,2-Dichloroethene	4.483	96	1093	0.352	ug/l	92
31) Cyclohexane	5.556	56	4004	0.921	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	16550	4.367	ug/l #	48
38) Carbon Tetrachloride	5.562	117	20775	5.758	ug/l #	18
44) Trichloroethene	7.129	130	103897	32.290	ug/l	97
49) 1,4-Dioxane	7.671	88	207	2.545	ug/l #	58
60) Dibromochloromethane	9.281	129	3196	1.111	ug/l #	11
64) Tetrachloroethene	9.275	164	3168	1.077	ug/l	93
76) 1,2,3-Trichloropropane	11.085	75	75627	21.823	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.085	75	75627	64.884	ug/l #	12

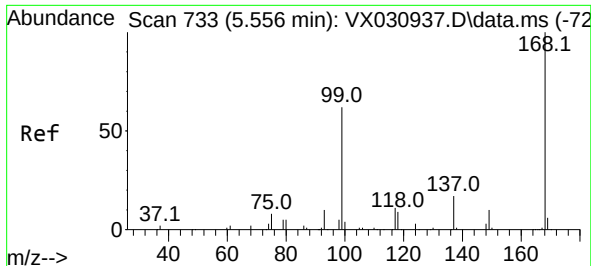
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X083022W.M
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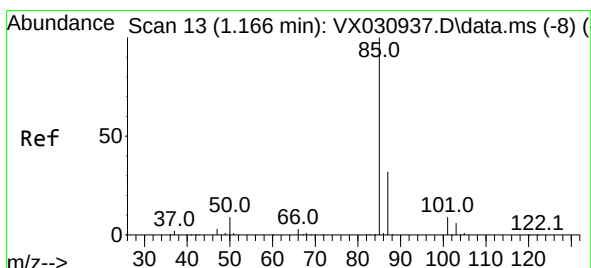
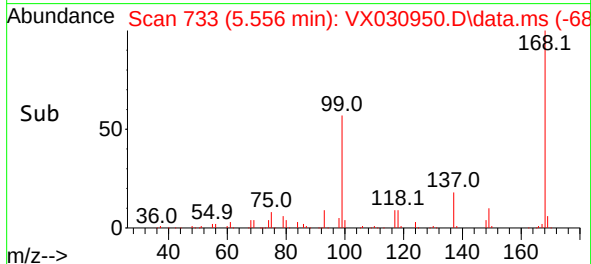
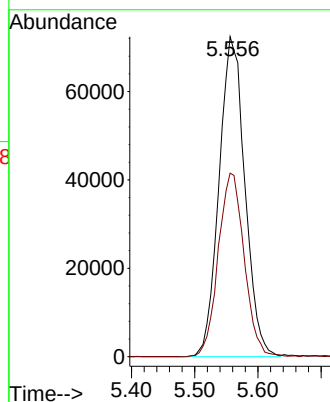
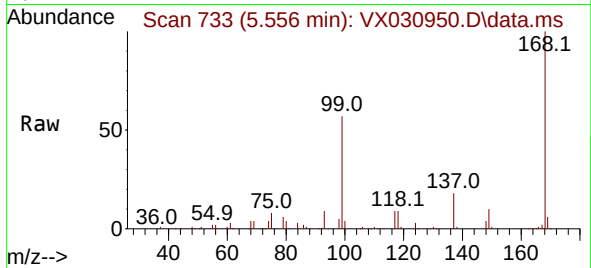




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX030950.D
Acq: 30 Aug 2022 19:44

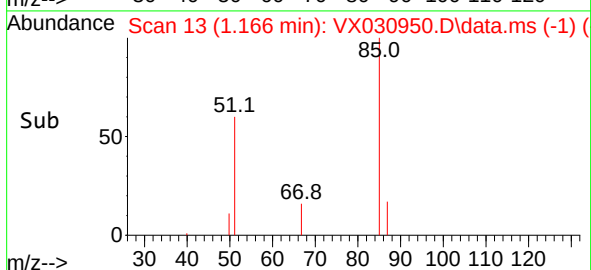
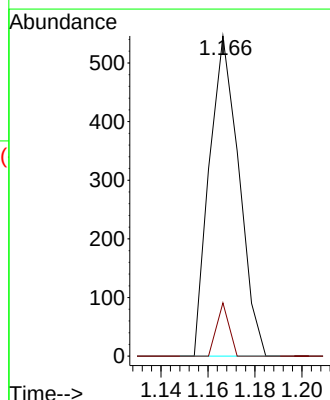
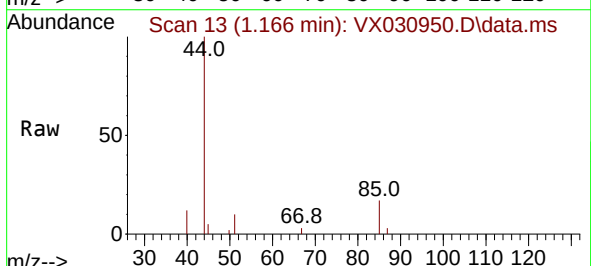
Instrument :
MSVOA_X
ClientSampleId :
RE132D4-20220818DL

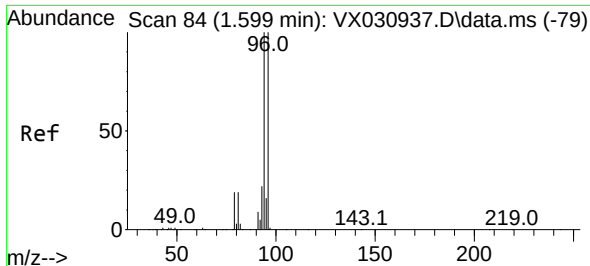
Tgt Ion:168 Resp: 204760
Ion Ratio Lower Upper
168 100
99 57.4 44.0 66.0



#2
Dichlorodifluoromethane
Concen: 0.220 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX030950.D
Acq: 30 Aug 2022 19:44

Tgt Ion: 85 Resp: 477
Ion Ratio Lower Upper
85 100
87 16.7 16.5 49.5

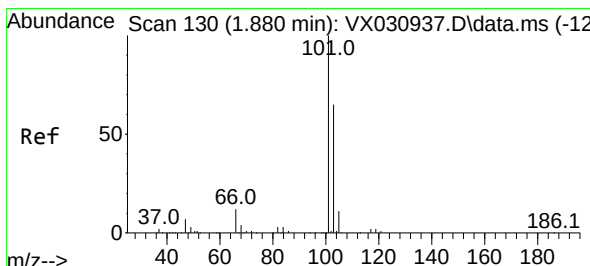
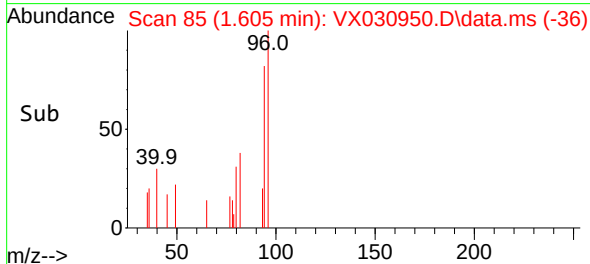
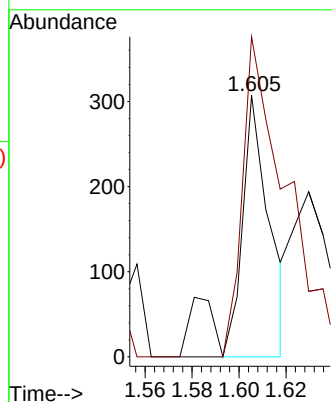
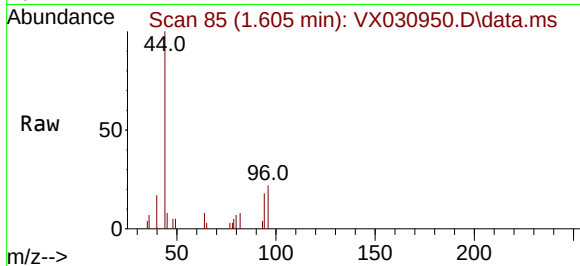




#5
Bromomethane
Concen: Below Cal
RT: 1.605 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX030950.D
Acq: 30 Aug 2022 19:44

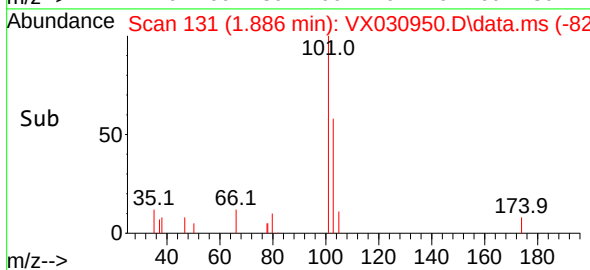
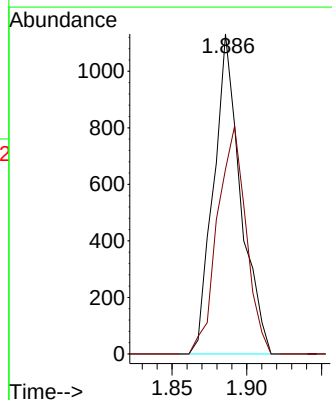
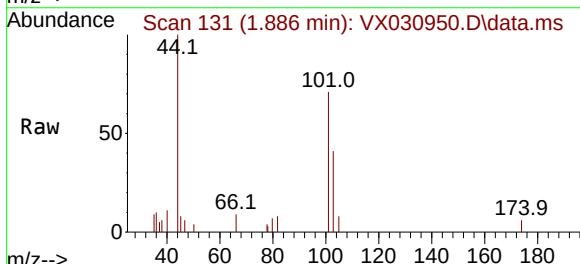
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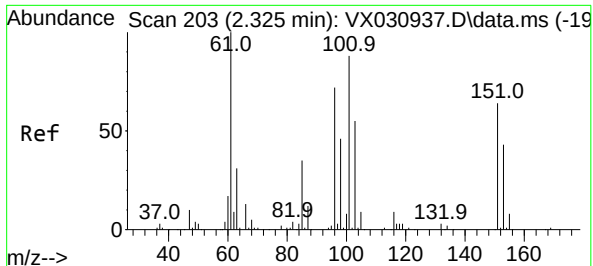
Tgt Ion: 94 Resp: 292
Ion Ratio Lower Upper
94 100
96 122.5 76.9 115.3#



#7
Trichlorofluoromethane
Concen: 0.363 ug/l
RT: 1.886 min Scan# 131
Delta R.T. -0.000 min
Lab File: VX030950.D
Acq: 30 Aug 2022 19:44

Tgt Ion: 101 Resp: 1425
Ion Ratio Lower Upper
101 100
103 57.7 49.7 74.5

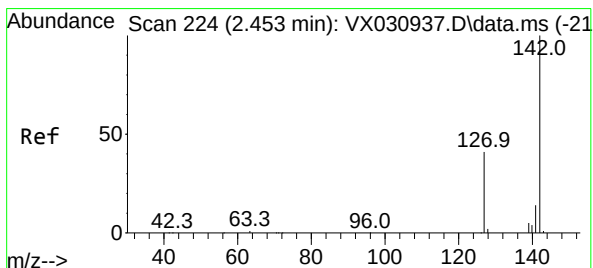
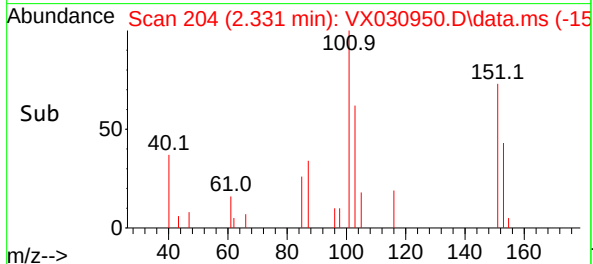
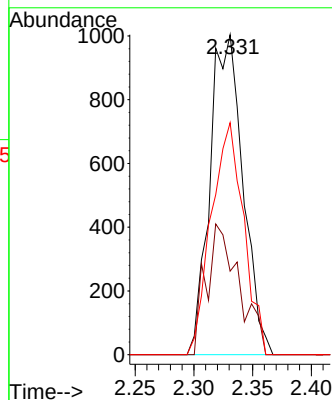
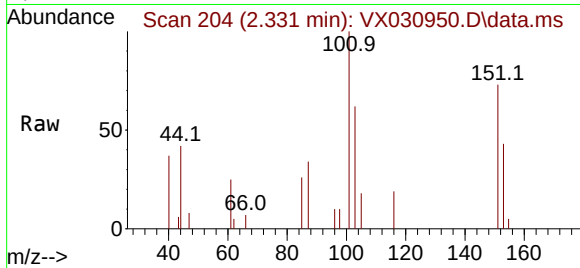




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.780 ug/l
RT: 2.331 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX030950.D
Acq: 30 Aug 2022 19:44

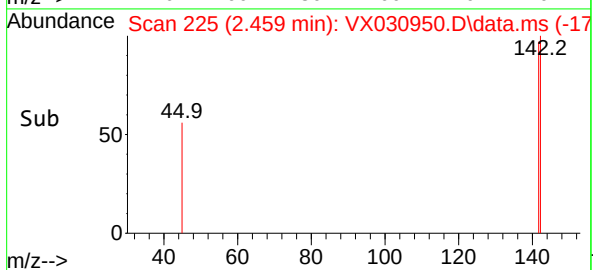
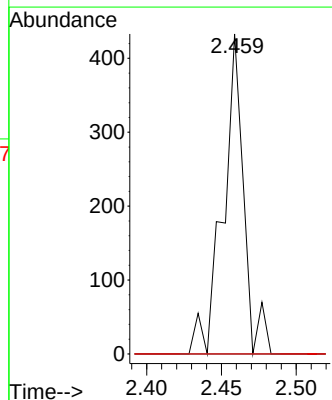
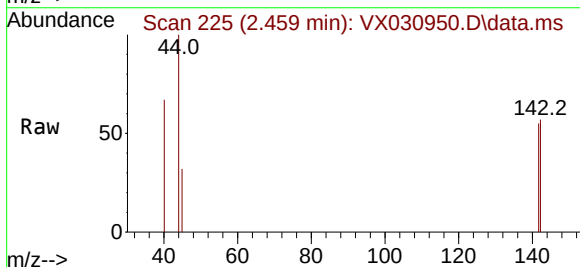
Instrument :
MSVOA_X
ClientSampleId :
RE132D4-20220818DL

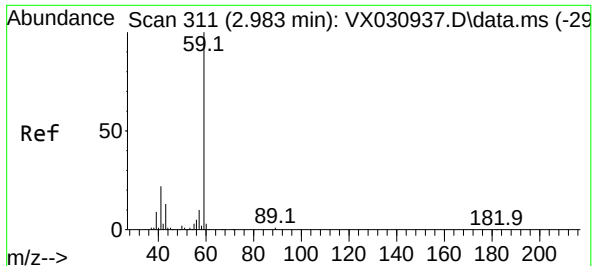
Tgt Ion:101 Resp: 1968
Ion Ratio Lower Upper
101 100
85 40.5 34.0 51.0
151 71.0 59.4 89.0



#10
Methyl Iodide
Concen: 4.538 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX030950.D
Acq: 30 Aug 2022 19:44

Tgt Ion:142 Resp: 415
Ion Ratio Lower Upper
142 100
127 0.0 30.2 45.2#
141 0.0 11.3 16.9#

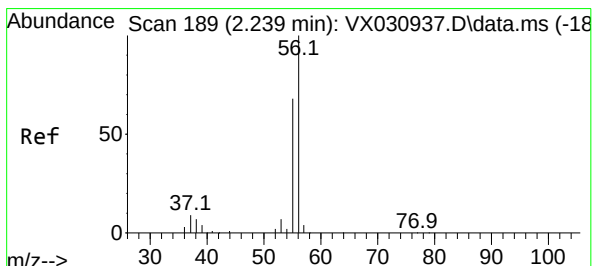
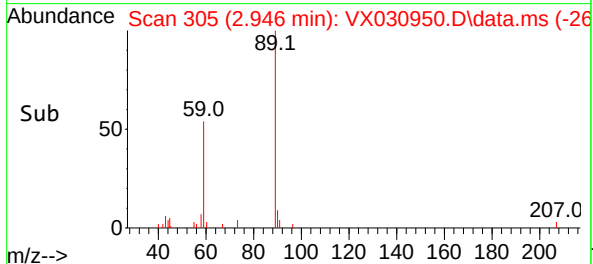
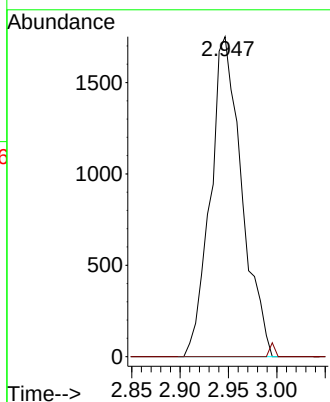
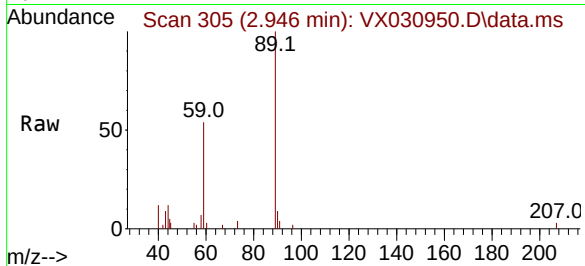




#11
Tert butyl alcohol
Concen: 5.661 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.042 min
Lab File: VX030950.D
Acq: 30 Aug 2022 19:44

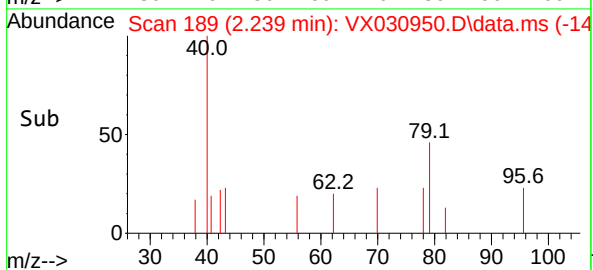
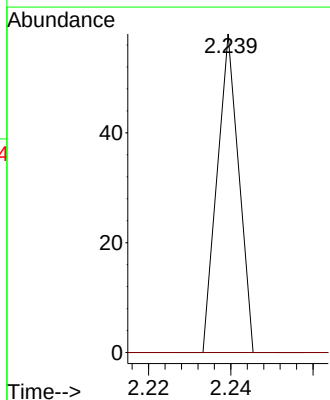
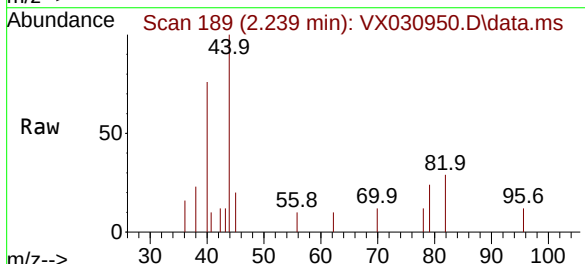
Instrument :
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ClientSampleId :
RE132D4-20220818DL

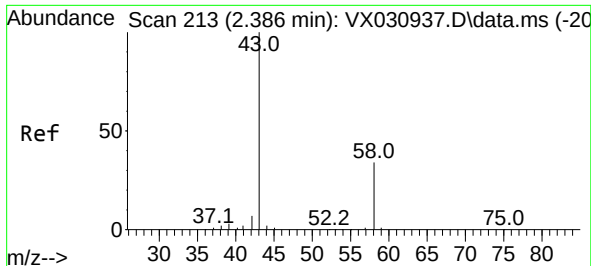
Tgt Ion: 59 Resp: 3939
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#



#13
Acrolein
Concen: 7.332 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX030950.D
Acq: 30 Aug 2022 19:44

Tgt Ion: 56 Resp: 21
Ion Ratio Lower Upper
56 100
55 0.0 56.6 84.8#

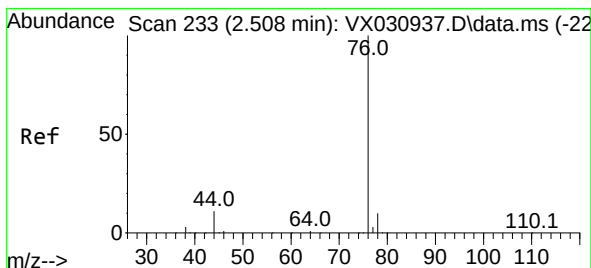
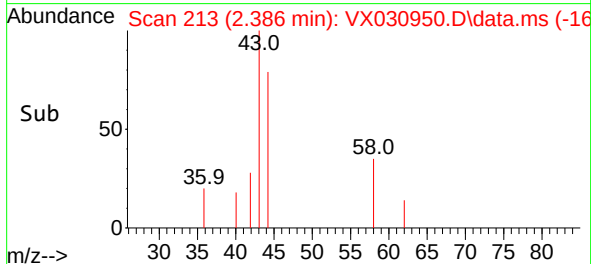
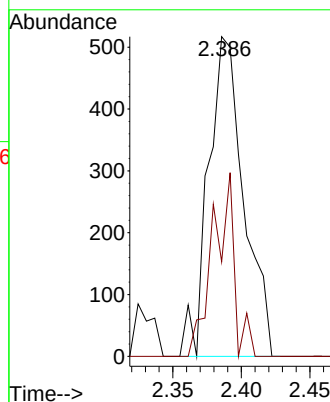
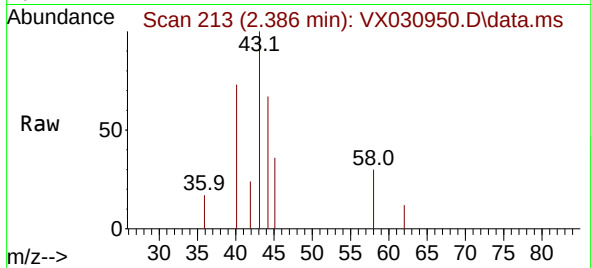




#16
Acetone
Concen: 0.702 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX030950.D
Acq: 30 Aug 2022 19:44

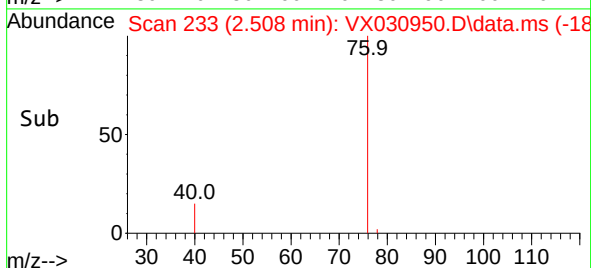
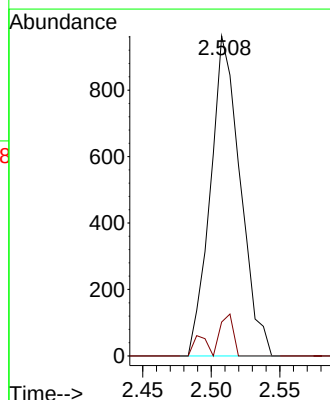
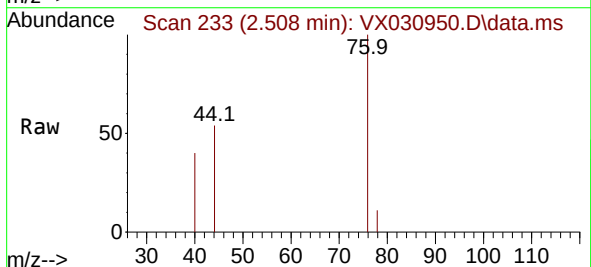
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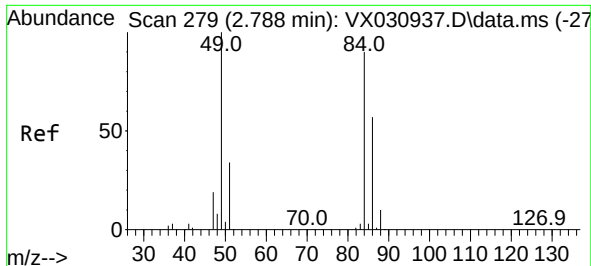
Tgt Ion: 43 Resp: 930
Ion Ratio Lower Upper
43 100
58 29.6 27.7 41.5



#17
Carbon Disulfide
Concen: 0.222 ug/l
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX030950.D
Acq: 30 Aug 2022 19:44

Tgt Ion: 76 Resp: 1460
Ion Ratio Lower Upper
76 100
78 10.6 7.8 11.6

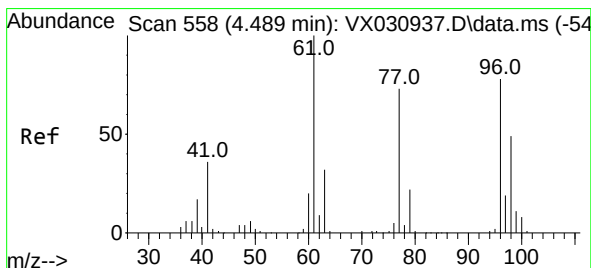
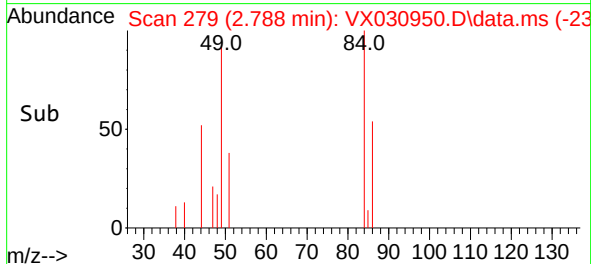
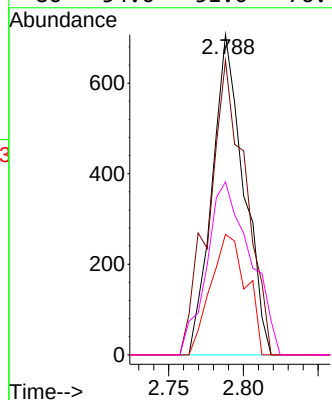
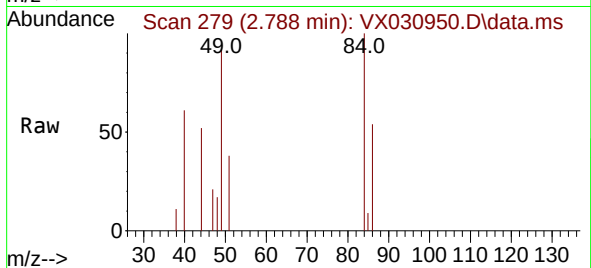




#20
Methylene Chloride
Concen: 0.345 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX030950.D
Acq: 30 Aug 2022 19:44

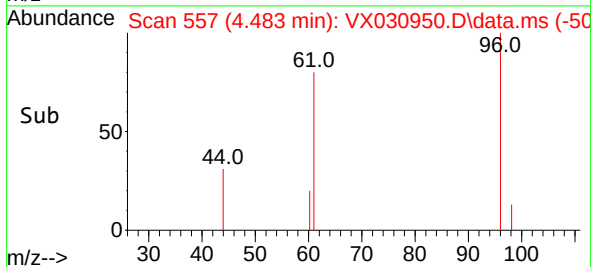
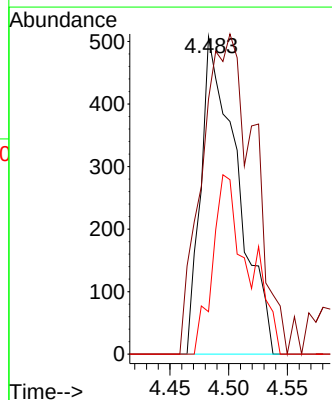
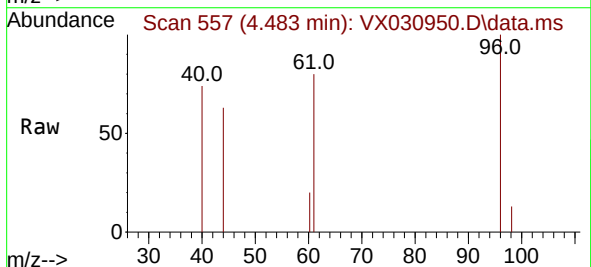
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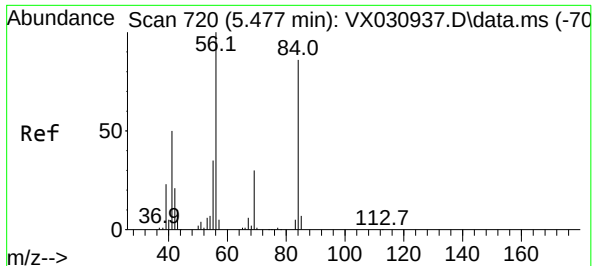
Tgt Ion:	84	Resp:	1040
Ion	Ratio	Lower	Upper
84	100		
49	91.9	93.8	140.6#
51	37.6	29.4	44.0
86	54.0	51.0	76.4



#27
cis-1,2-Dichloroethene
Concen: 0.352 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.006 min
Lab File: VX030950.D
Acq: 30 Aug 2022 19:44

Tgt Ion:	96	Resp:	1093
Ion	Ratio	Lower	Upper
96	100		
61	143.5	0.0	270.0
98	55.4	0.0	127.8

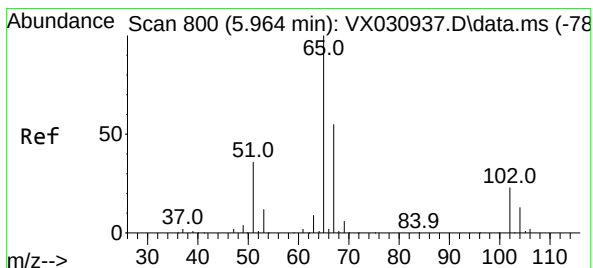
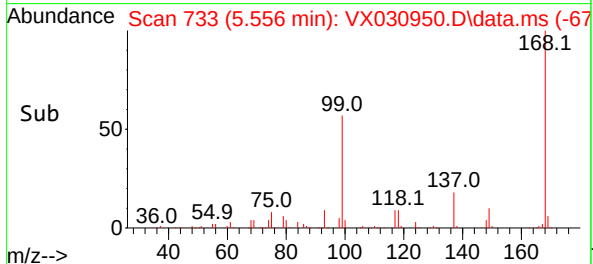
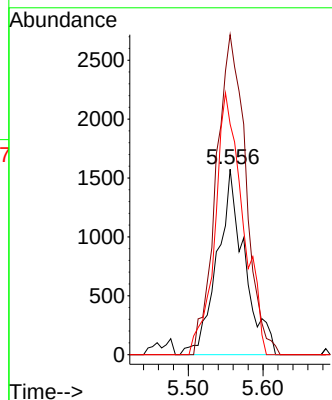
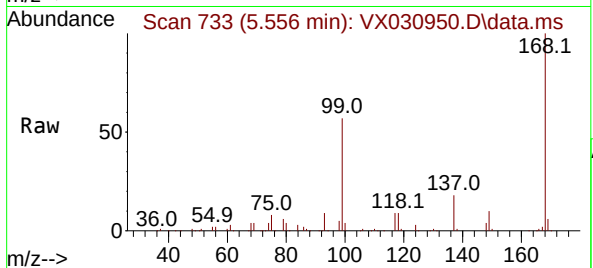




#31
Cyclohexane
Concen: 0.921 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX030950.D
Acq: 30 Aug 2022 19:44

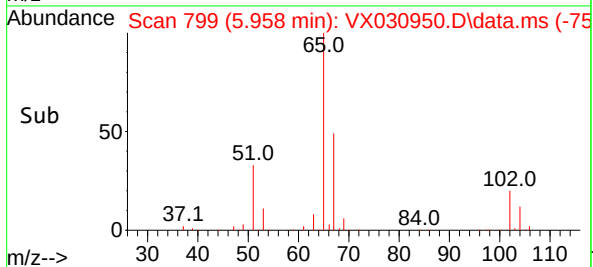
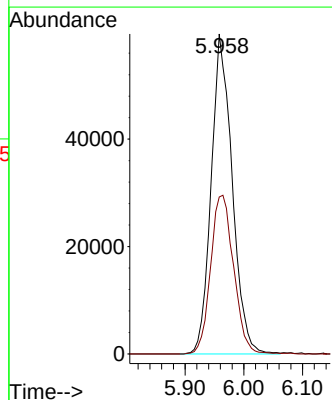
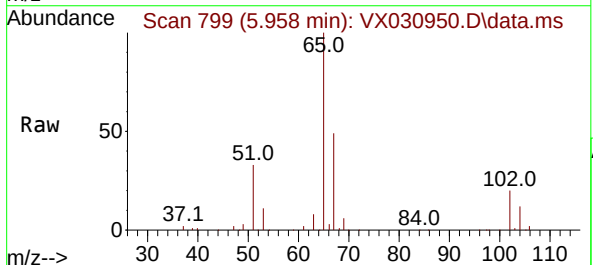
Instrument :
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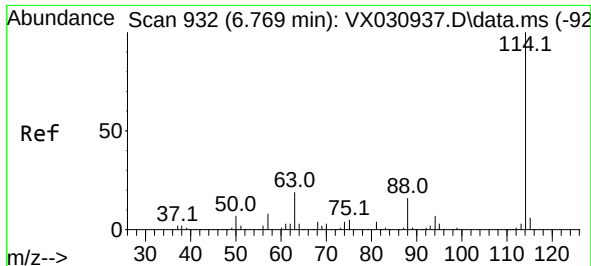
Tgt Ion: 56 Resp: 4004
Ion Ratio Lower Upper
56 100
69 172.6 25.4 38.0#
84 124.3 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 50.325 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX030950.D
Acq: 30 Aug 2022 19:44

Tgt Ion: 65 Resp: 147798
Ion Ratio Lower Upper
65 100
67 54.3 0.0 109.6

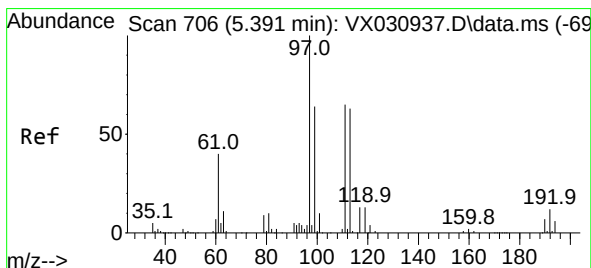
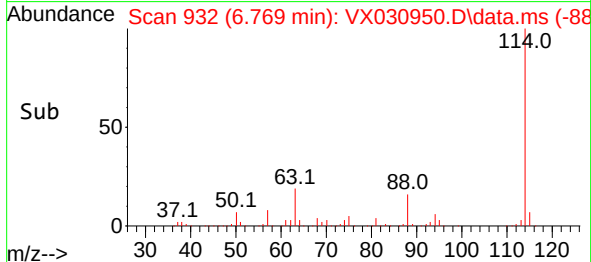
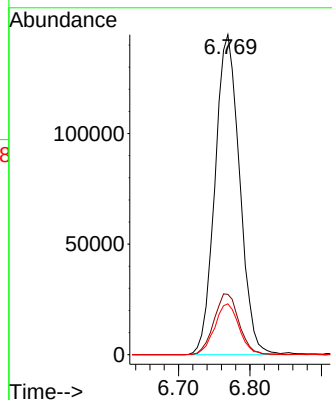
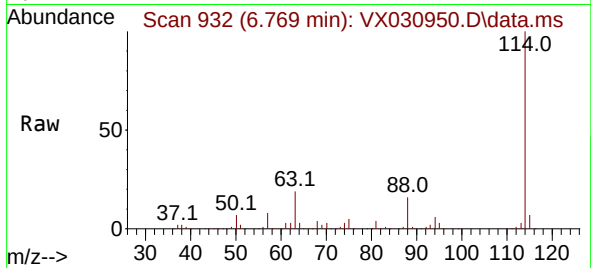




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX030950.D
Acq: 30 Aug 2022 19:44

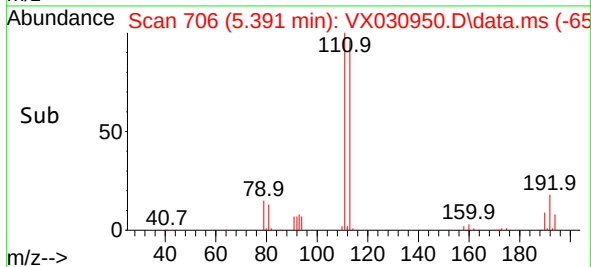
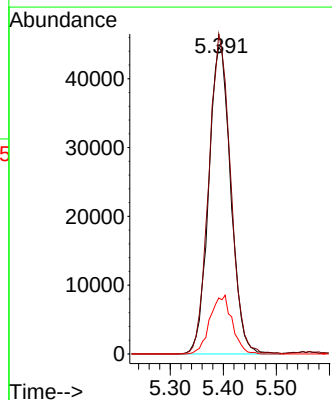
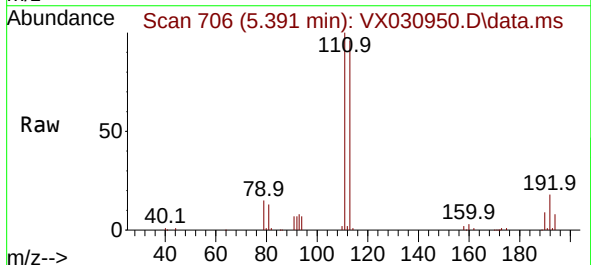
Instrument :
MSVOA_X
ClientSampleId :
RE132D4-20220818DL

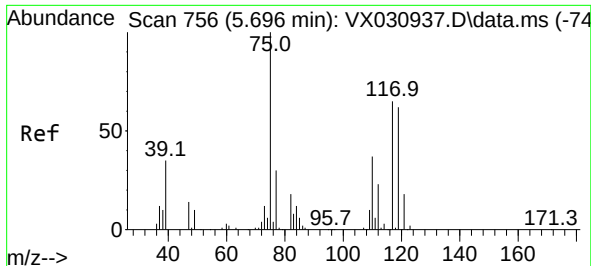
Tgt Ion:114 Resp: 345883
Ion Ratio Lower Upper
114 100
63 18.9 0.0 38.4
88 15.9 0.0 31.8



#35
Dibromofluoromethane
Concen: 50.742 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX030950.D
Acq: 30 Aug 2022 19:44

Tgt Ion:113 Resp: 129375
Ion Ratio Lower Upper
113 100
111 102.8 83.2 124.8
192 19.1 14.8 22.2

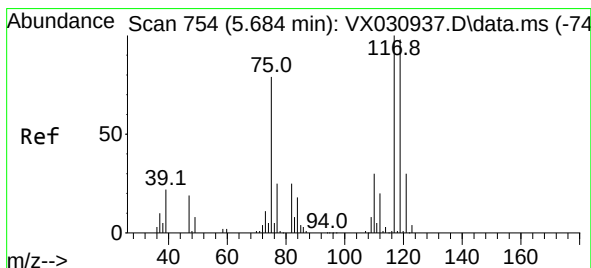
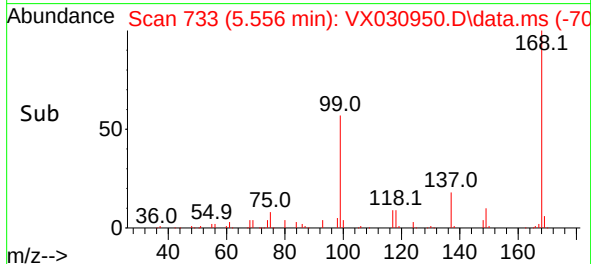
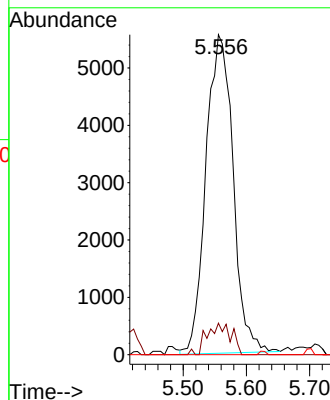
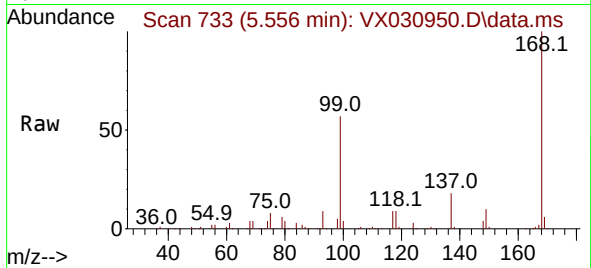




#36
1,1-Dichloropropene
Concen: 4.367 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.140 min
Lab File: VX030950.D
Acq: 30 Aug 2022 19:44

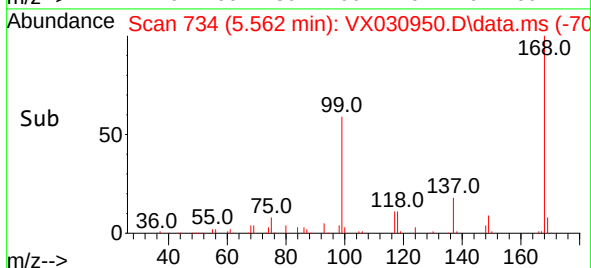
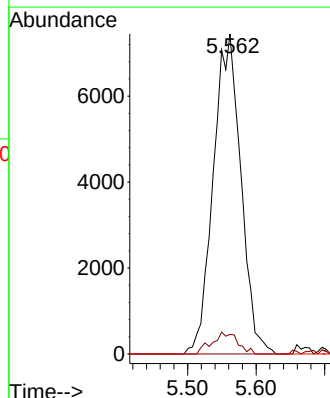
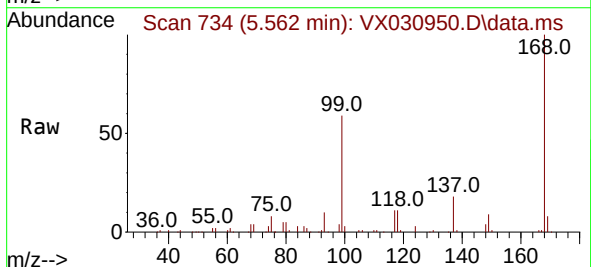
Instrument :
MSVOA_X
ClientSampleId :
RE132D4-20220818DL

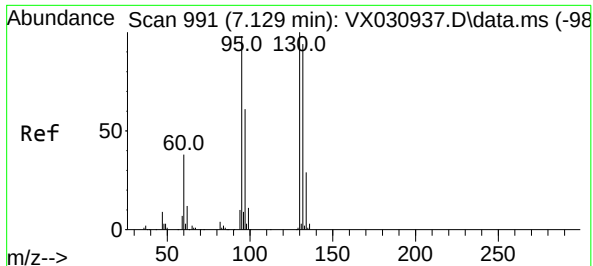
Tgt Ion: 75 Resp: 16550
Ion Ratio Lower Upper
75 100
110 8.8 19.3 57.9#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.758 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX030950.D
Acq: 30 Aug 2022 19:44

Tgt Ion: 117 Resp: 20775
Ion Ratio Lower Upper
117 100
119 6.1 74.1 111.1#
121 0.0 25.8 38.8#

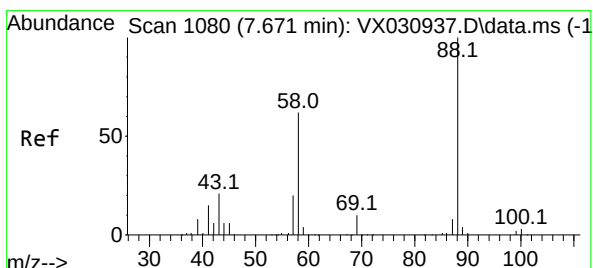
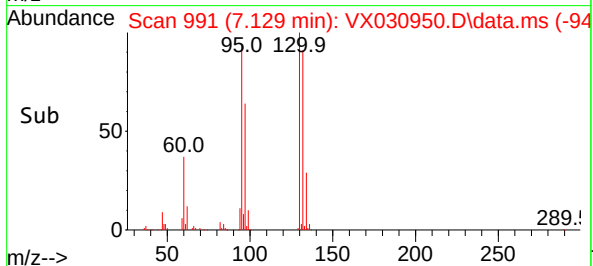
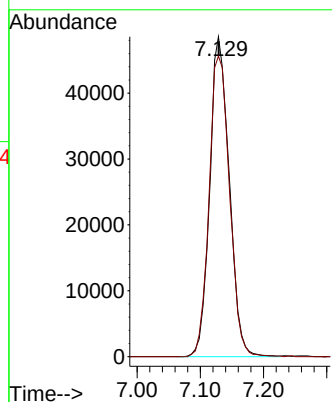
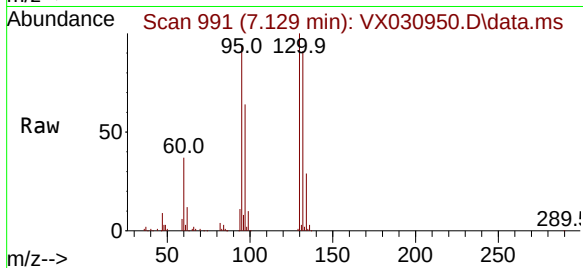




#44
Trichloroethene
Concen: 32.290 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX030950.D
Acq: 30 Aug 2022 19:44

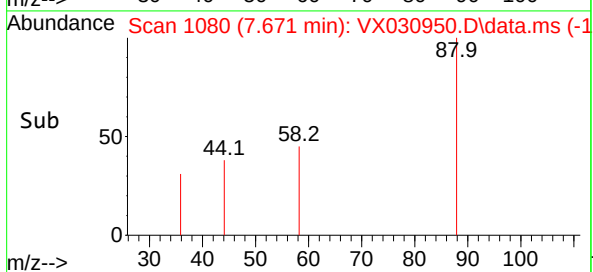
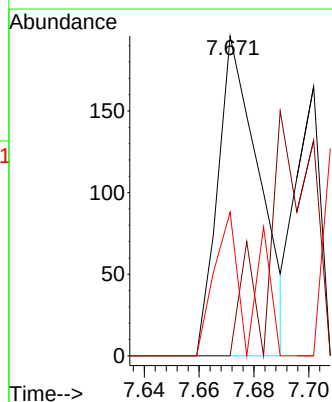
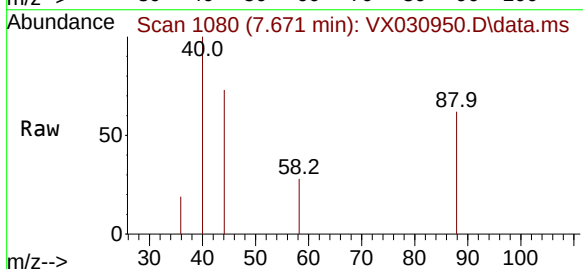
Instrument :
MSVOA_X
ClientSampleId :
RE132D4-20220818DL

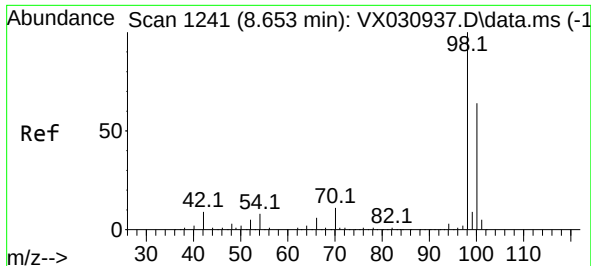
Tgt Ion:130 Resp: 103897
Ion Ratio Lower Upper
130 100
95 94.0 0.0 194.8



#49
1,4-Dioxane
Concen: 2.545 ug/l
RT: 7.671 min Scan# 1080
Delta R.T. -0.006 min
Lab File: VX030950.D
Acq: 30 Aug 2022 19:44

Tgt Ion: 88 Resp: 207
Ion Ratio Lower Upper
88 100
43 0.0 23.8 35.8#
58 38.6 53.8 80.6#

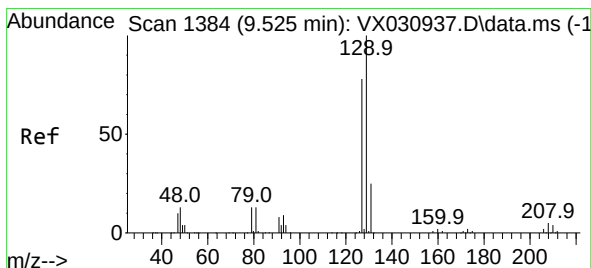
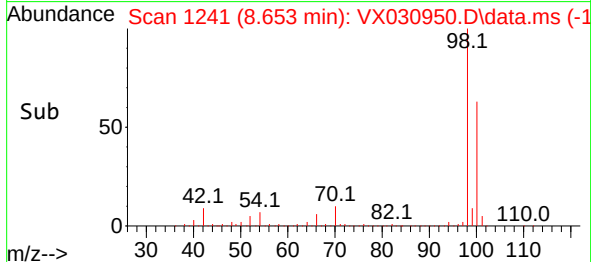
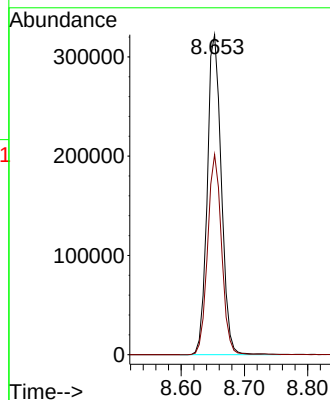
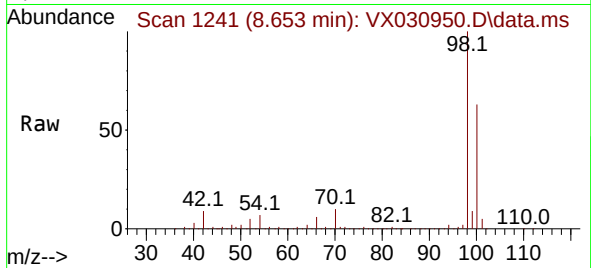




#50
Toluene-d8
Concen: 52.687 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX030950.D
Acq: 30 Aug 2022 19:44

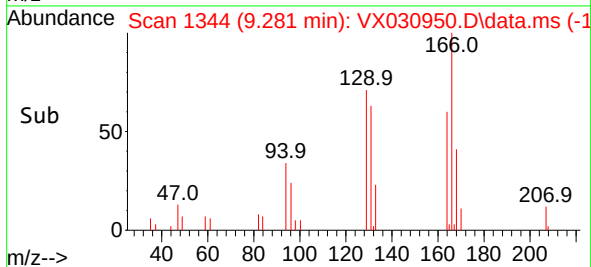
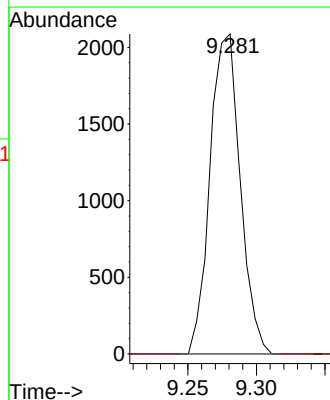
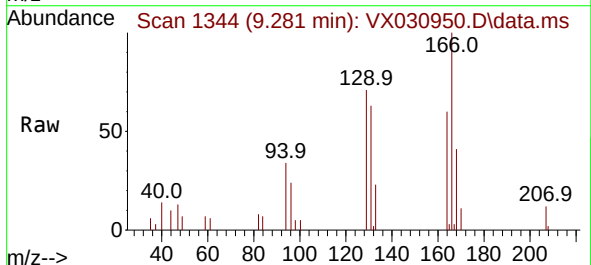
Instrument :
MSVOA_X
ClientSampleId :
RE132D4-20220818DL

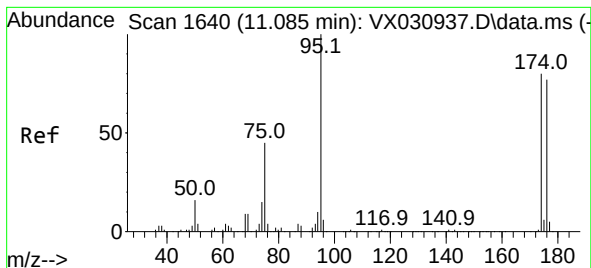
Tgt Ion: 98 Resp: 497486
Ion Ratio Lower Upper
98 100
100 62.1 52.3 78.5



#60
Dibromochloromethane
Concen: 1.111 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. -0.244 min
Lab File: VX030950.D
Acq: 30 Aug 2022 19:44

Tgt Ion:129 Resp: 3196
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.5#





#62

4-Bromofluorobenzene

Concen: 47.888 ug/l

RT: 11.085 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX030950.D

Acq: 30 Aug 2022 19:44

Instrument :

MSVOA_X

ClientSampleId :

RE132D4-20220818DL

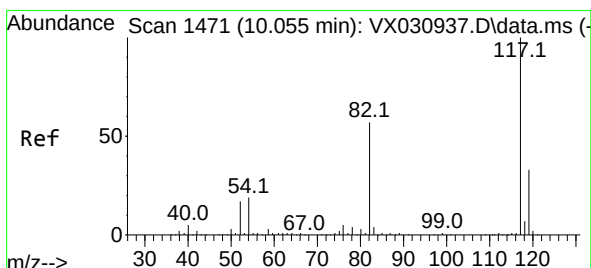
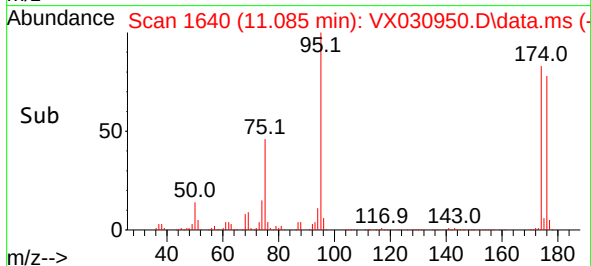
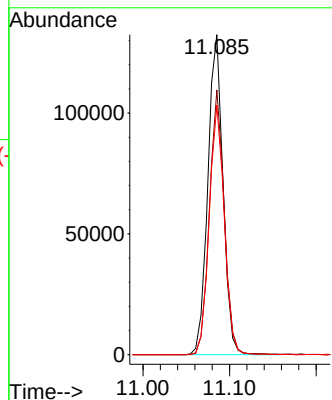
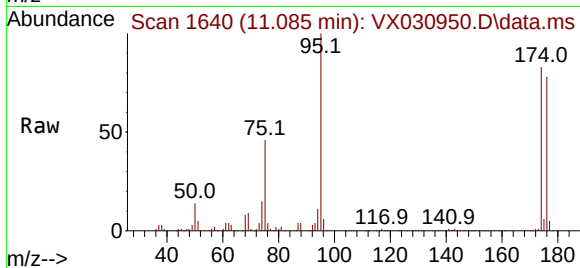
Tgt Ion: 95 Resp: 161021

Ion Ratio Lower Upper

95 100

174 81.0 0.0 149.0

176 77.4 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: VX030950.D

Acq: 30 Aug 2022 19:44

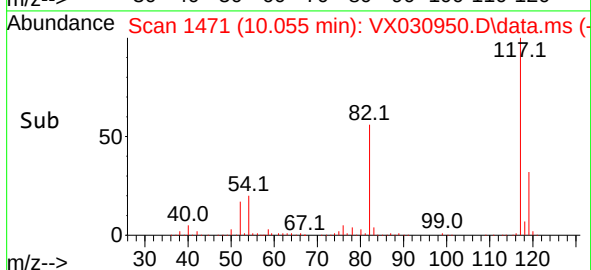
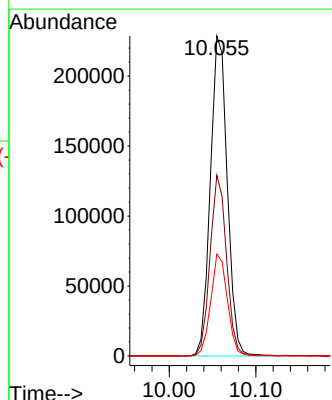
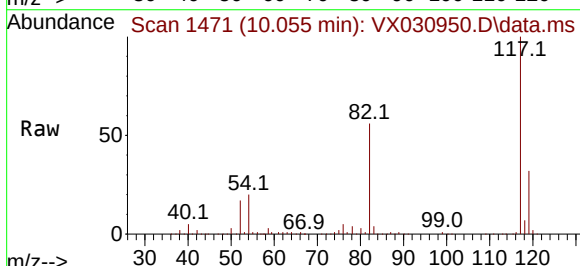
Tgt Ion: 117 Resp: 310958

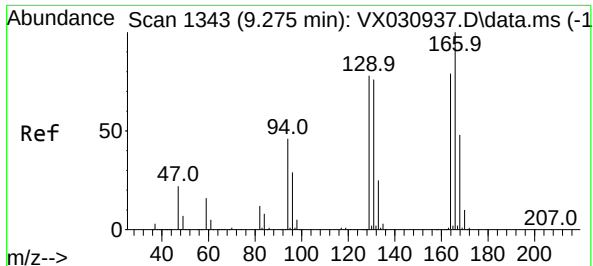
Ion Ratio Lower Upper

117 100

82 56.5 42.7 64.1

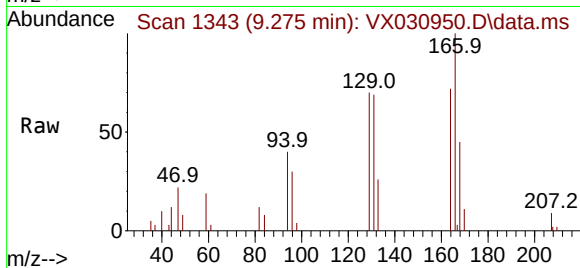
119 31.8 25.4 38.2



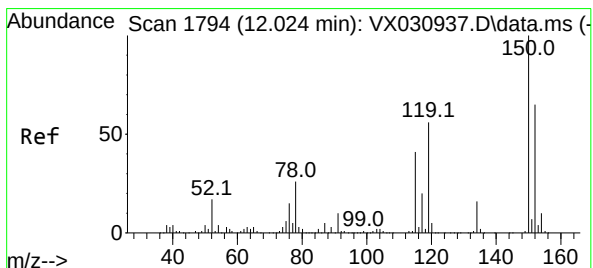
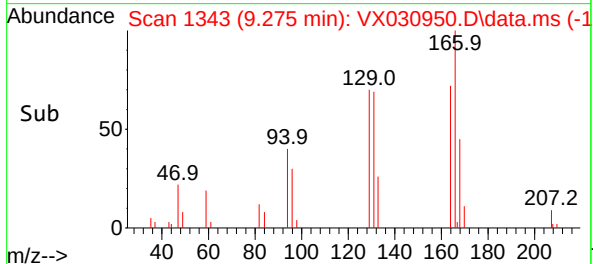
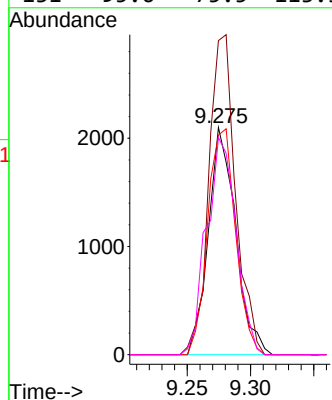


#64
Tetrachloroethene
Concen: 1.077 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX030950.D
Acq: 30 Aug 2022 19:44

Instrument :
MSVOA_X
ClientSampleId :
RE132D4-20220818DL

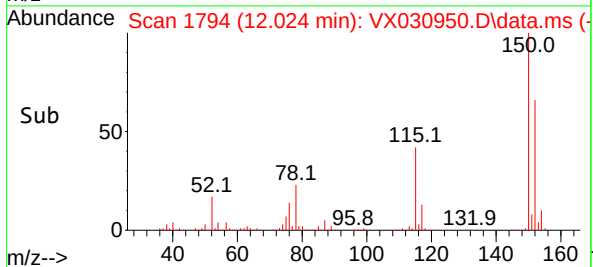
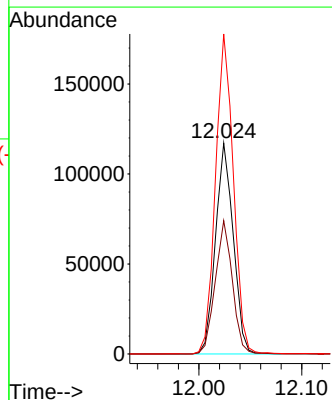
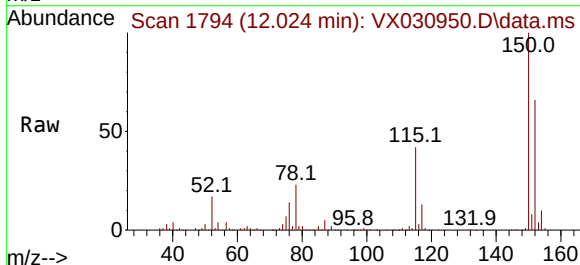


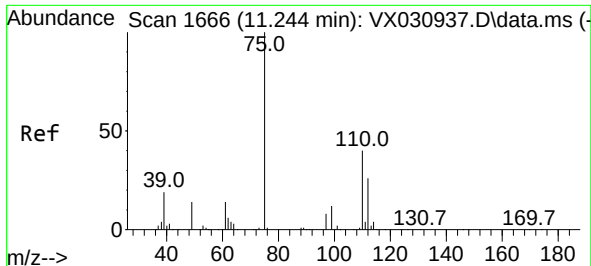
Tgt Ion:	164	Resp:	3168
Ion	Ratio	Lower	Upper
164	100		
166	138.2	98.2	147.4
129	96.6	80.8	121.2
131	95.6	75.5	113.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX030950.D
Acq: 30 Aug 2022 19:44

Tgt Ion:	152	Resp:	140762
Ion	Ratio	Lower	Upper
152	100		
115	61.1	40.5	121.5
150	152.5	0.0	347.0

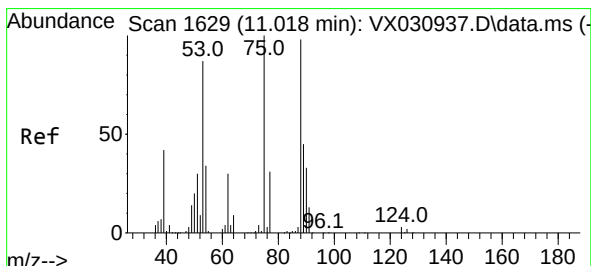
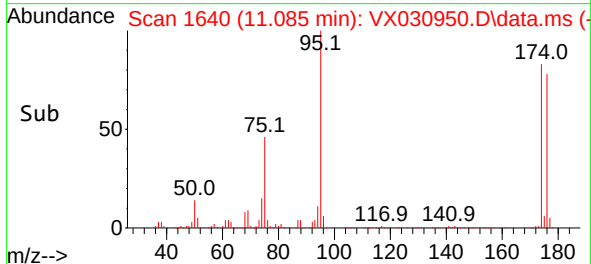
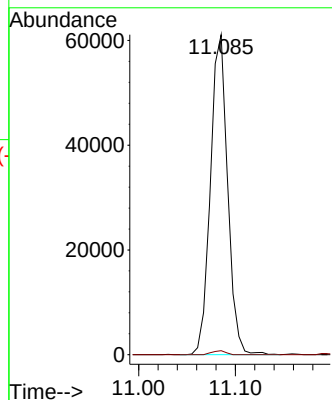
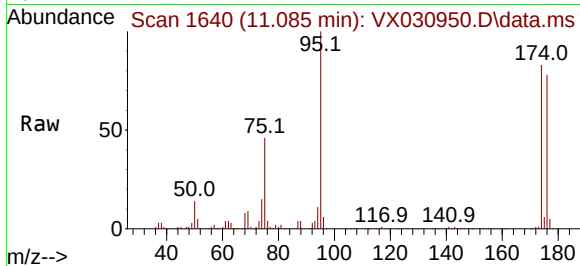




#76
1,2,3-Trichloropropane
Concen: 21.823 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX030950.D
Acq: 30 Aug 2022 19:44

Instrument :
MSVOA_X
ClientSampleId :
RE132D4-20220818DL

Tgt Ion: 75 Resp: 75627
Ion Ratio Lower Upper
75 100
77 1.0 19.8 59.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 64.884 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX030950.D
Acq: 30 Aug 2022 19:44

Tgt Ion: 75 Resp: 75627
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.0 34.8 52.2#

