

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112222\
 Data File : VX033000.D
 Acq On : 22 Nov 2022 23:45
 Operator : JC/MD
 Sample : N5730-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE132D6-20221118

Quant Time: Nov 23 05:52:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 22 13:58:46 2022
 Response via : Initial Calibration

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

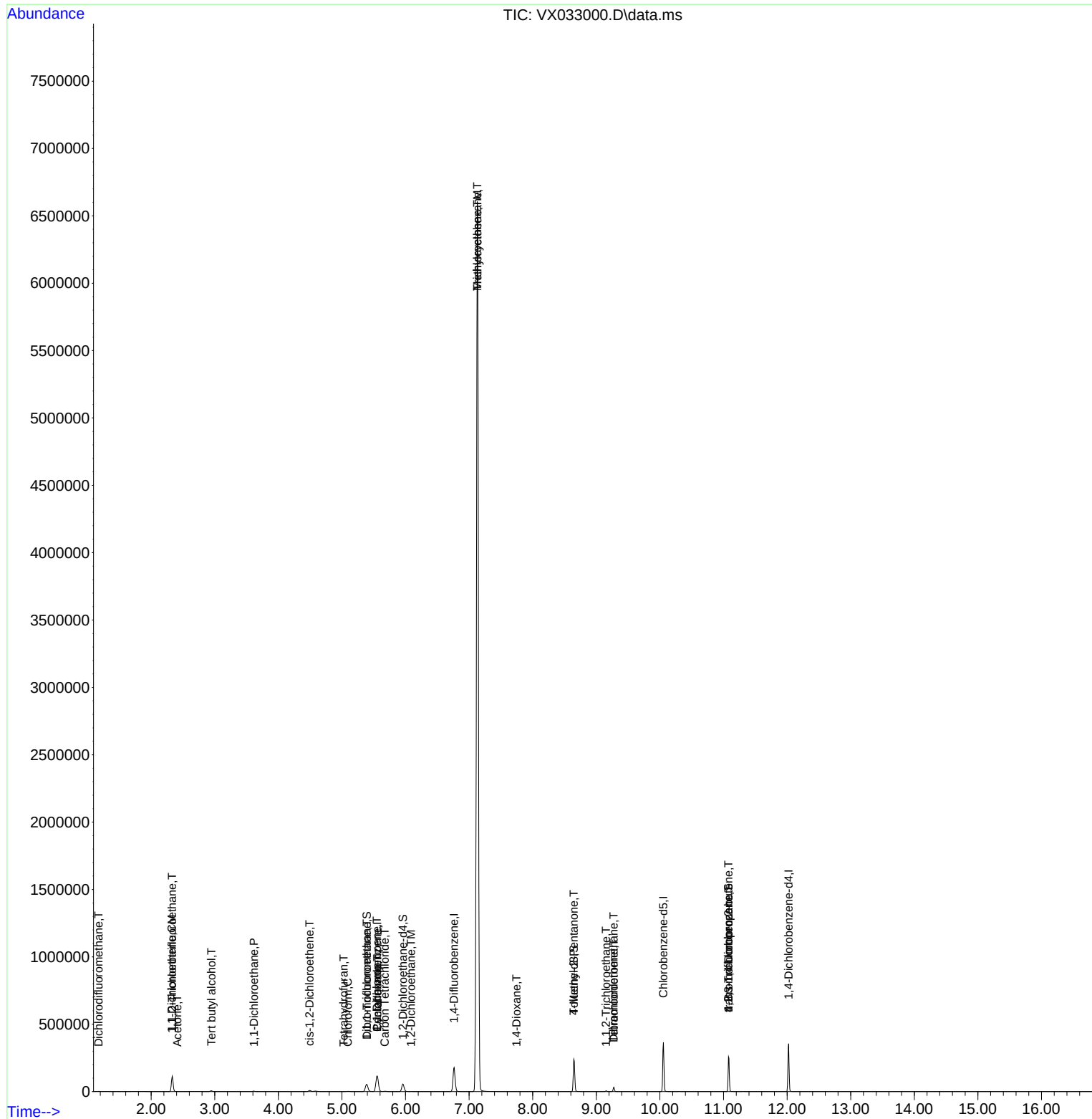
Internal Standards						
1) Pentafluorobenzene	5.556	168	111119	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	179067	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	160794	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	73419	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	56035	51.715	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.420%			
35) Dibromofluoromethane	5.391	113	46562	46.123	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 92.240%			
50) Toluene-d8	8.647	98	145106	47.672	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 95.340%			
62) 4-Bromofluorobenzene	11.079	95	65545	49.427	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.860%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	452	0.532	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.331	101	35448	34.053	ug/l	97
11) Tert butyl alcohol	2.947	59	3547	20.677	ug/l #	72
12) 1,1-Dichloroethene	2.325	96	10346	10.669	ug/l	97
16) Acetone	2.410	43	755	1.494	ug/l	96
20) Methylene Chloride	2.794	84	108	Below Cal	#	43
24) 1,1-Dichloroethane	3.617	63	3957	2.028	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	5368	4.259	ug/l	90
29) Tetrahydrofuran	5.026	42	132	0.299	ug/l #	31
30) Chloroform	5.093	83	2410	1.103	ug/l	98
31) Cyclohexane	5.556	56	2446	1.395	ug/l #	21
32) 1,1,1-Trichloroethane	5.391	97	870	0.445	ug/l #	40
36) 1,1-Dichloropropene	5.550	75	8792	5.447	ug/l #	50
38) Carbon Tetrachloride	5.672	117	2332	1.302	ug/l	98
39) Methylcyclohexane	7.129	83	30102	16.344	ug/l #	1
42) 1,2-Dichloroethane	6.086	62	642	0.352	ug/l #	77
44) Trichloroethene	7.129	130	2472190	1946.659	ug/l	96
49) 1,4-Dioxane	7.745	88	170	7.704	ug/l #	62
51) 4-Methyl-2-Pentanone	8.647	43	673	0.468	ug/l #	1
55) 1,1,2-Trichloroethane	9.153	97	1566	1.292	ug/l	96
60) Dibromochloromethane	9.275	129	5433	4.163	ug/l #	11
64) Tetrachloroethene	9.275	164	5464	4.801	ug/l	91
76) 1,2,3-Trichloropropane	11.079	75	36076	25.946	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	36076	84.336	ug/l #	6

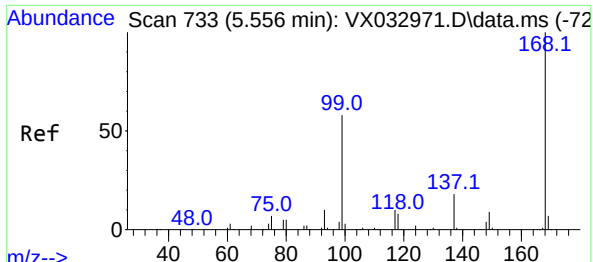
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Nov 22 13:58:46 2022
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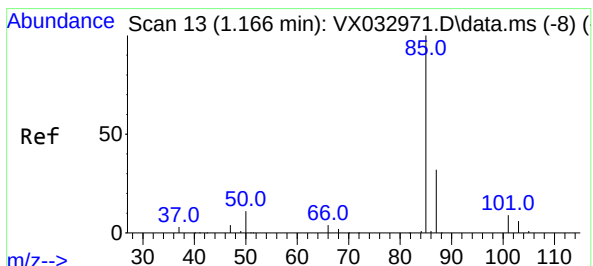
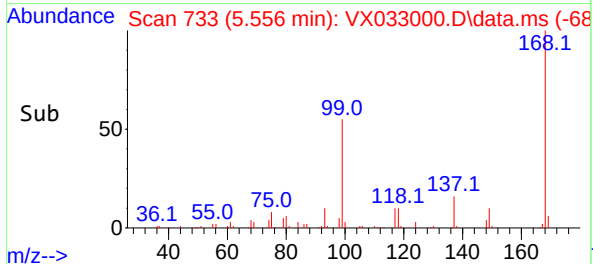
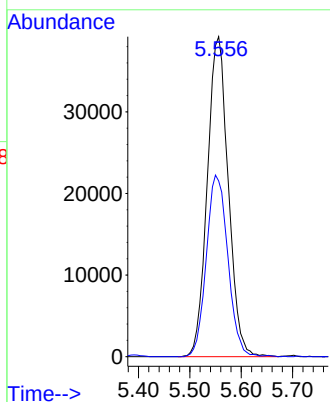
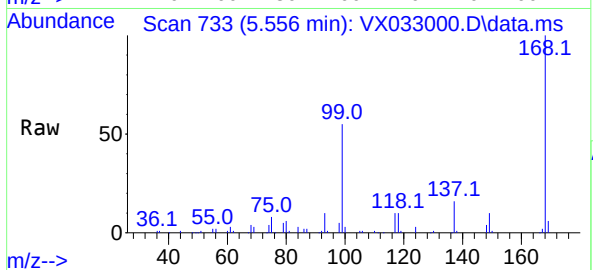




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033000.D
Acq: 22 Nov 2022 23:45

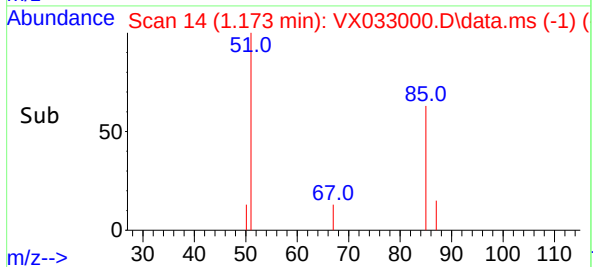
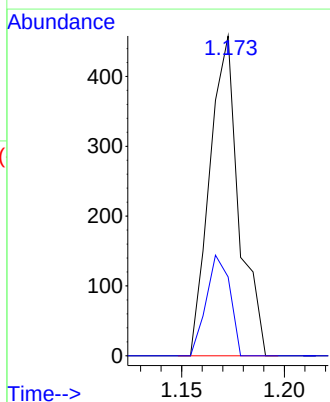
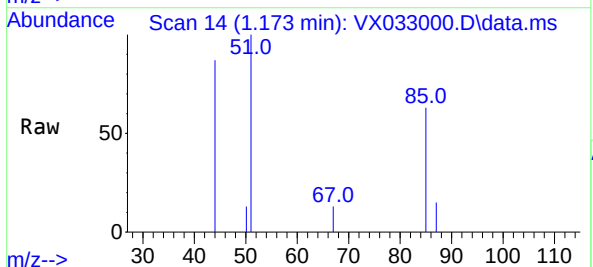
Instrument :
MSVOA_X
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RE132D6-20221118

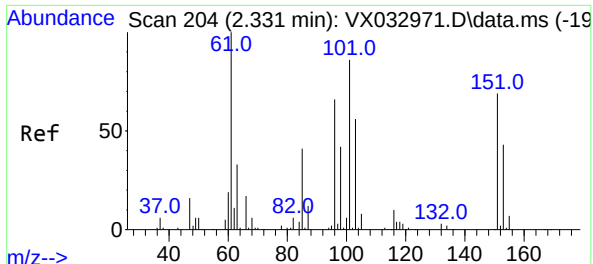
Tgt Ion:168 Resp: 111119
Ion Ratio Lower Upper
168 100
99 54.9 46.1 69.1



#2
Dichlorodifluoromethane
Concen: 0.532 ug/l
RT: 1.173 min Scan# 14
Delta R.T. 0.007 min
Lab File: VX033000.D
Acq: 22 Nov 2022 23:45

Tgt Ion: 85 Resp: 452
Ion Ratio Lower Upper
85 100
87 24.7 15.6 46.7

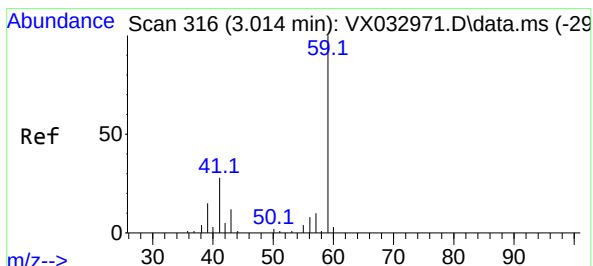
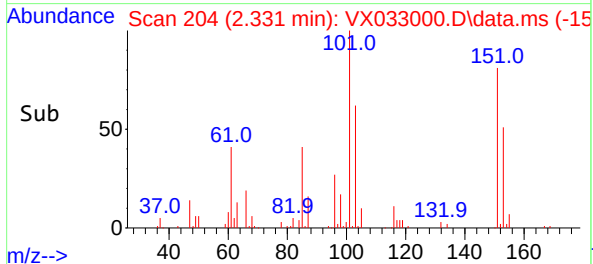
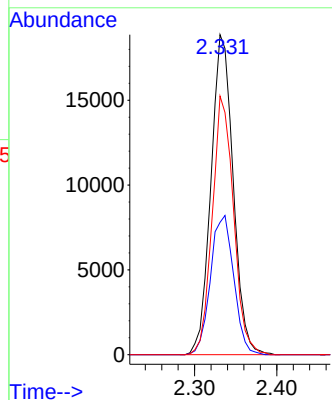
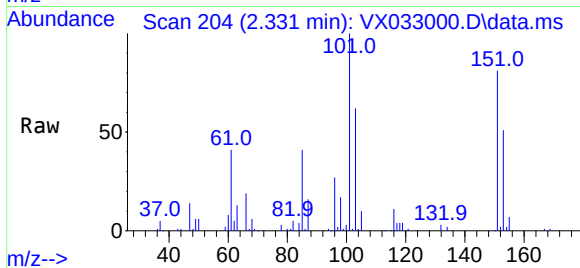




#9
1,1,2-Trichlorotrifluoroethane
Concen: 34.053 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX033000.D
Acq: 22 Nov 2022 23:45

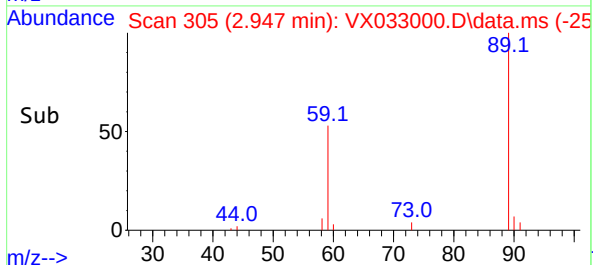
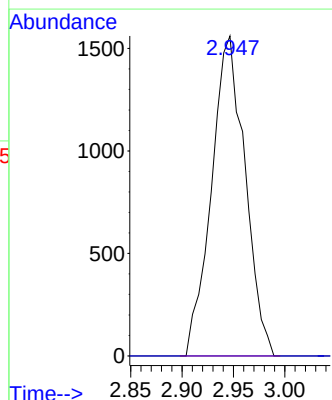
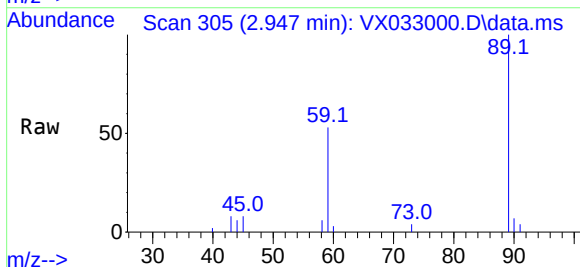
Instrument :
MSVOA_X
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RE132D6-20221118

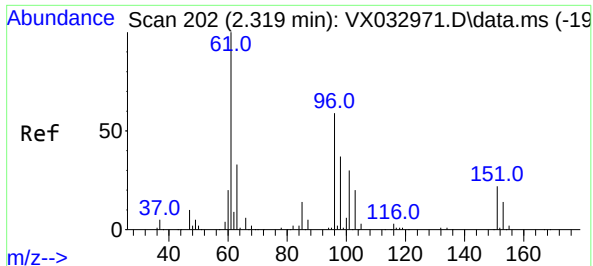
Tgt Ion:101 Resp: 35448
Ion Ratio Lower Upper
101 100
85 45.5 37.0 55.4
151 77.5 64.4 96.6



#11
Tert butyl alcohol
Concen: 20.677 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.018 min
Lab File: VX033000.D
Acq: 22 Nov 2022 23:45

Tgt Ion: 59 Resp: 3547
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#





#12

1,1-Dichloroethene

Concen: 10.669 ug/l

RT: 2.325 min Scan# 20

Delta R.T. 0.006 min

Lab File: VX033000.D

Acq: 22 Nov 2022 23:45

Instrument :

MSVOA_X

ClientSampleId :

RE132D6-20221118

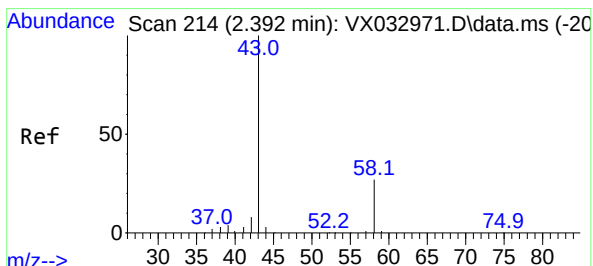
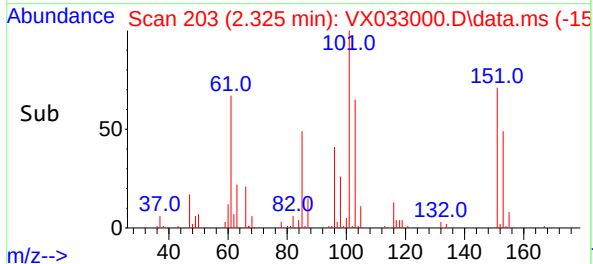
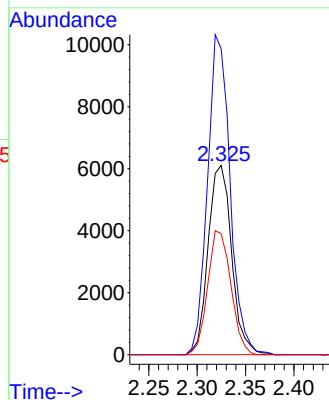
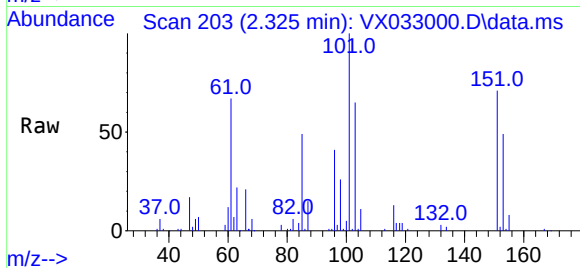
Tgt Ion: 96 Resp: 10346

Ion Ratio Lower Upper

96 100

61 161.6 125.1 187.7

98 63.9 50.6 76.0



#16

Acetone

Concen: 1.494 ug/l

RT: 2.410 min Scan# 217

Delta R.T. 0.030 min

Lab File: VX033000.D

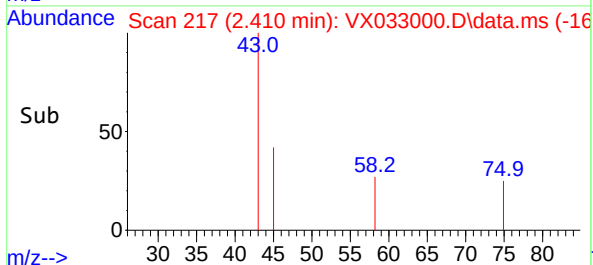
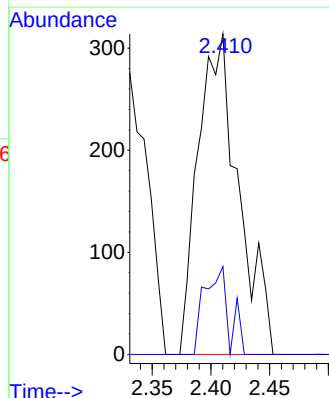
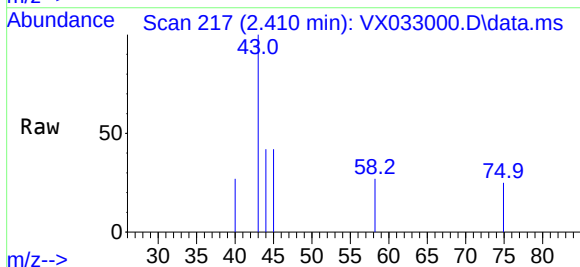
Acq: 22 Nov 2022 23:45

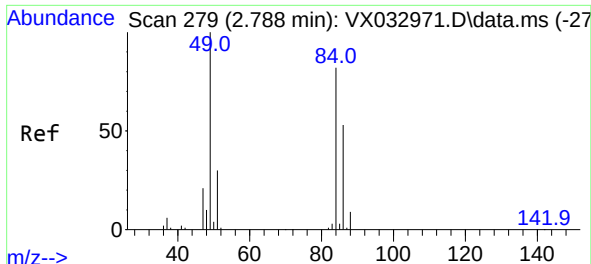
Tgt Ion: 43 Resp: 755

Ion Ratio Lower Upper

43 100

58 27.4 23.8 35.8



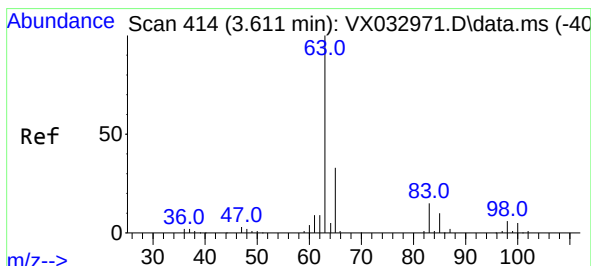
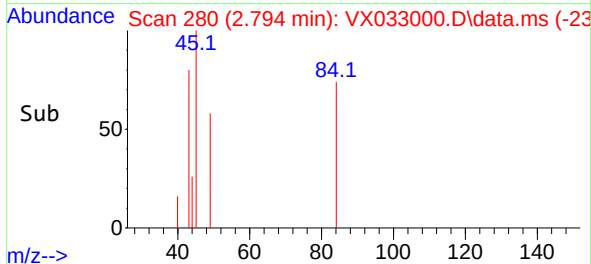
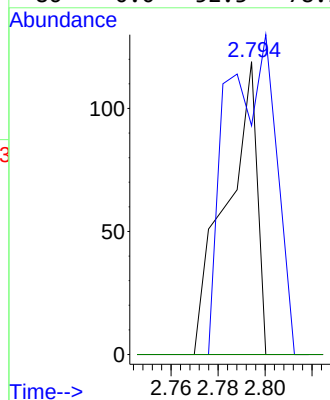
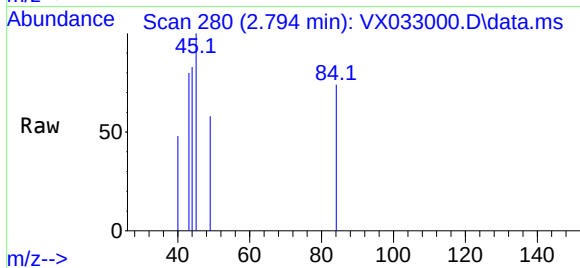


#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX033000.D
Acq: 22 Nov 2022 23:45

Instrument :
MSVOA_X
ClientSampleId :
RE132D6-20221118

Tgt Ion: 84 Resp: 108

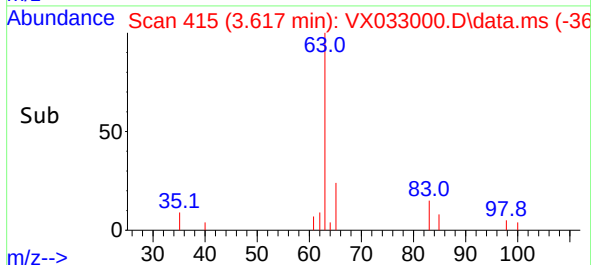
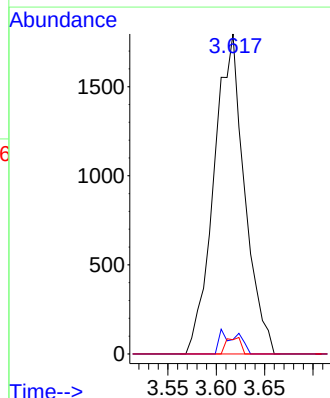
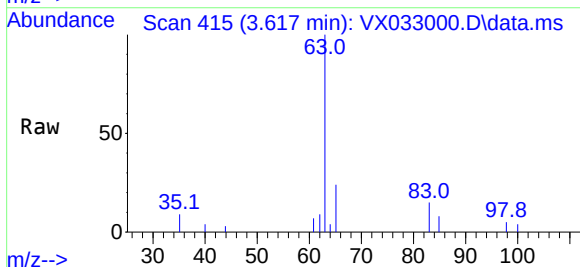
Ion	Ratio	Lower	Upper
84	100		
49	78.2	101.0	151.6#
51	0.0	31.1	46.7#
86	0.0	52.3	78.5#

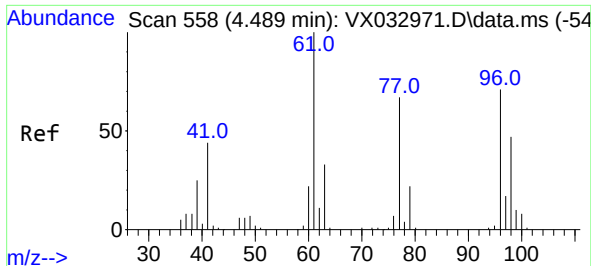


#24
1,1-Dichloroethane
Concen: 2.028 ug/l
RT: 3.617 min Scan# 415
Delta R.T. 0.006 min
Lab File: VX033000.D
Acq: 22 Nov 2022 23:45

Tgt Ion: 63 Resp: 3957

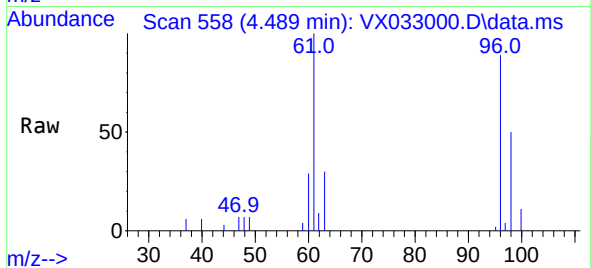
Ion	Ratio	Lower	Upper
63	100		
98	4.5	3.5	10.4
100	4.5	2.3	6.8





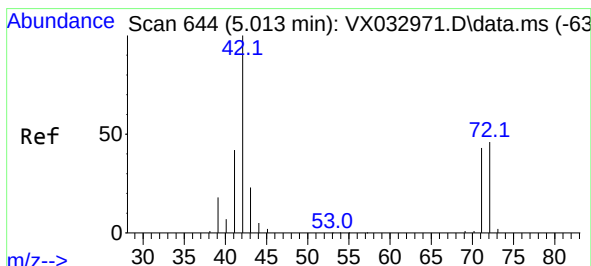
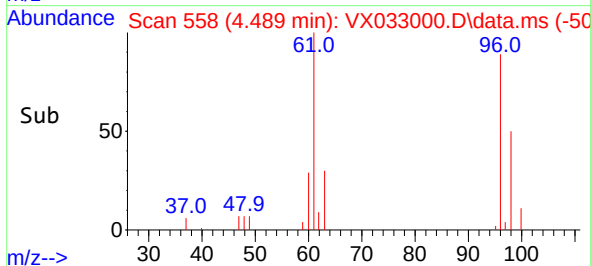
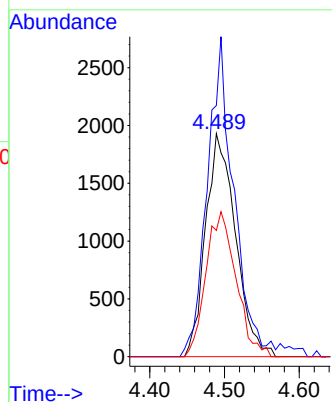
#27
cis-1,2-Dichloroethene
Concen: 4.259 ug/l
RT: 4.489 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX033000.D
Acq: 22 Nov 2022 23:45

Instrument :
MSVOA_X
ClientSampleId :
RE132D6-20221118



Tgt Ion: 96 Resp: 5368

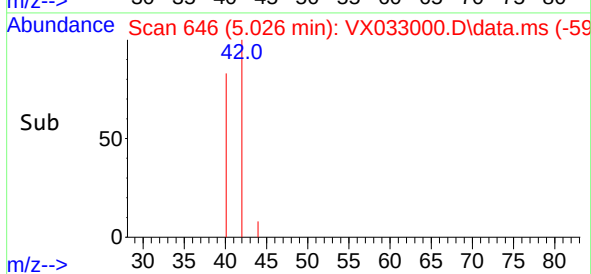
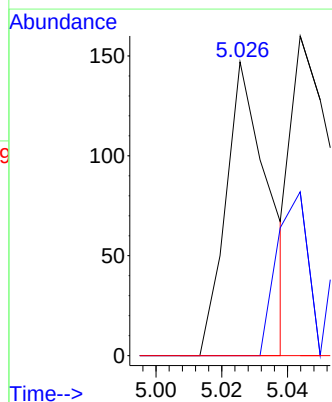
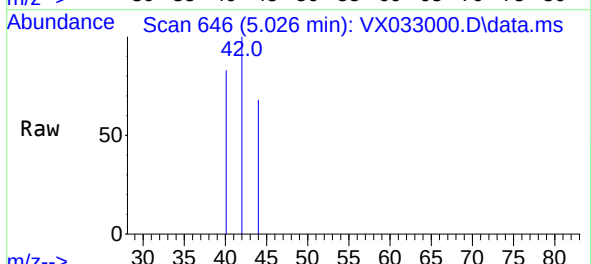
Ion	Ratio	Lower	Upper
96	100		
61	125.4	0.0	286.0
98	65.6	0.0	129.6

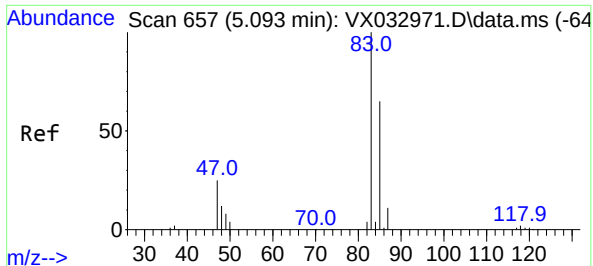


#29
Tetrahydrofuran
Concen: 0.299 ug/l
RT: 5.026 min Scan# 646
Delta R.T. 0.025 min
Lab File: VX033000.D
Acq: 22 Nov 2022 23:45

Tgt Ion: 42 Resp: 132

Ion	Ratio	Lower	Upper
42	100		
72	0.0	37.6	56.4#
71	0.0	34.7	52.1#

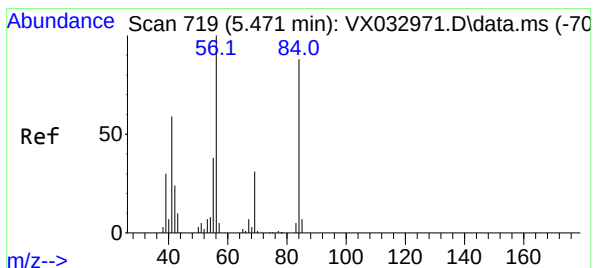
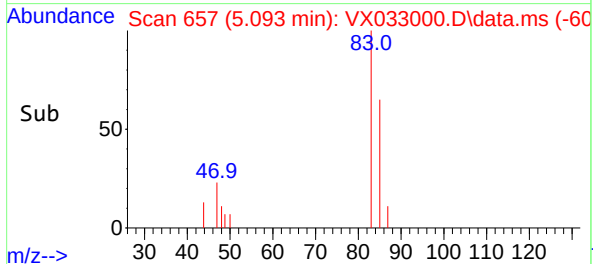
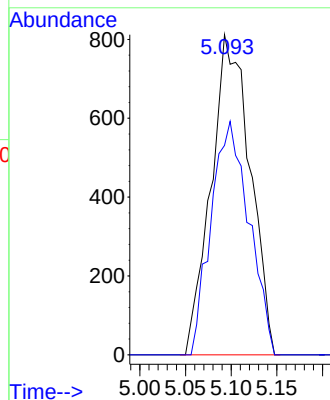
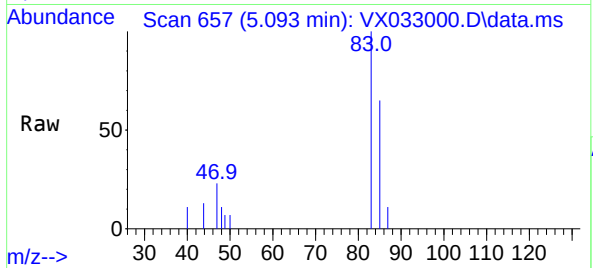




#30
Chloroform
Concen: 1.103 ug/l
RT: 5.093 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX033000.D
Acq: 22 Nov 2022 23:45

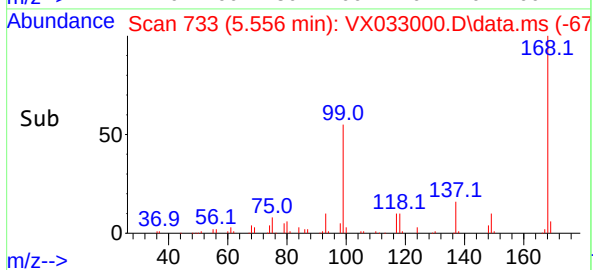
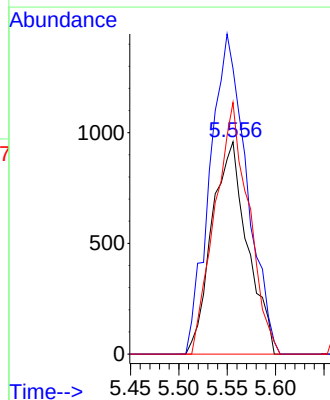
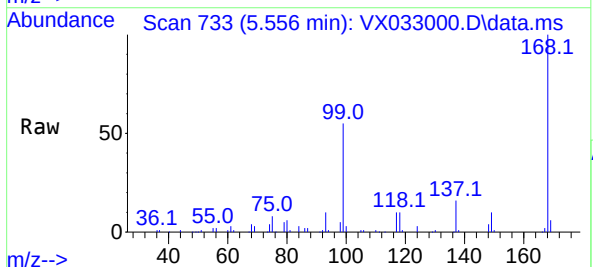
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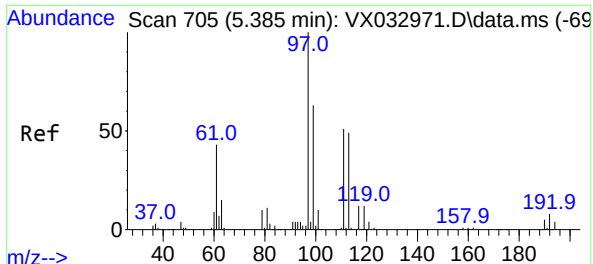
Tgt Ion: 83 Resp: 2410
Ion Ratio Lower Upper
83 100
85 65.4 51.1 76.7



#31
Cyclohexane
Concen: 1.395 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.086 min
Lab File: VX033000.D
Acq: 22 Nov 2022 23:45

Tgt Ion: 56 Resp: 2446
Ion Ratio Lower Upper
56 100
69 134.5 24.1 36.1#
84 118.6 66.9 100.3#

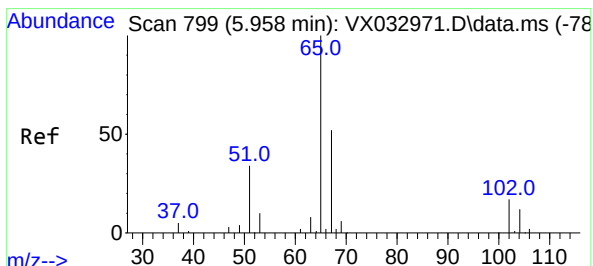
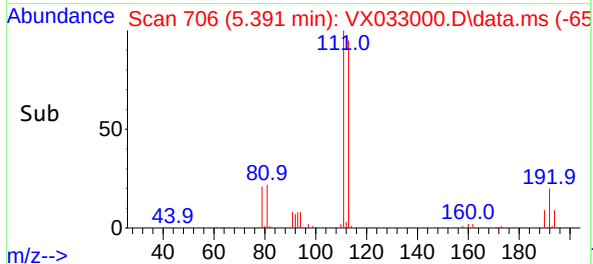
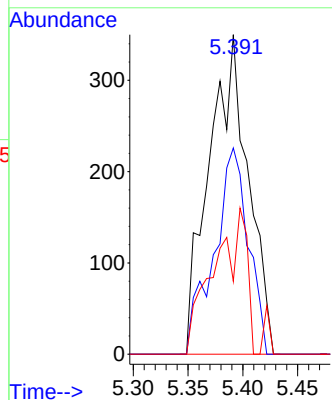
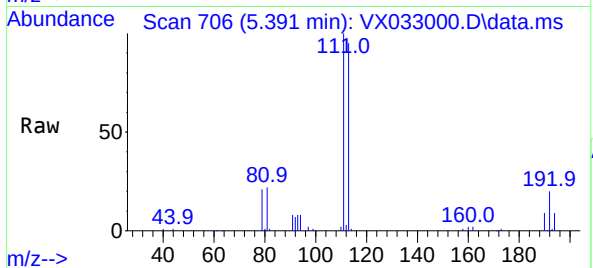




#32
1,1,1-Trichloroethane
Concen: 0.445 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX033000.D
Acq: 22 Nov 2022 23:45

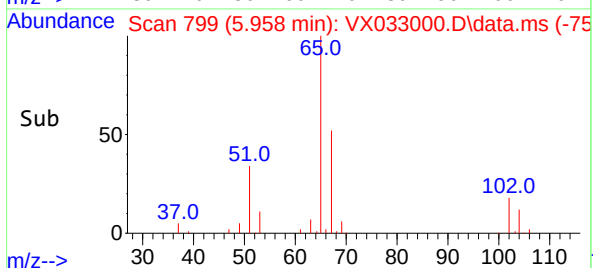
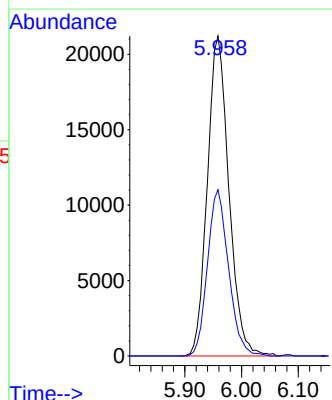
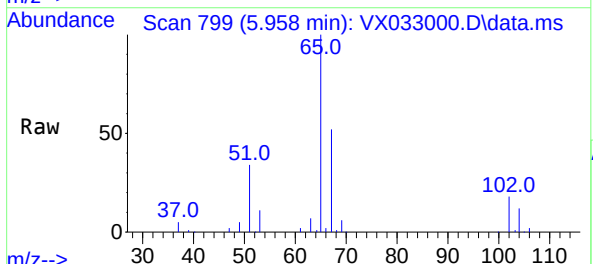
Instrument :
MSVOA_X
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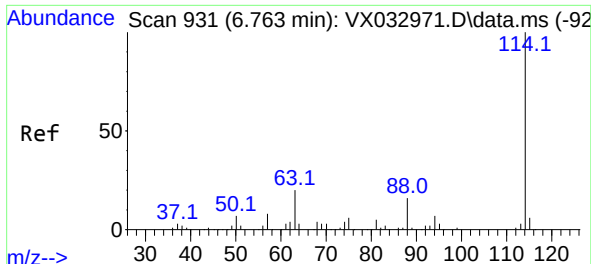
Tgt Ion: 97 Resp: 870
Ion Ratio Lower Upper
97 100
99 0.0 51.4 77.0#
61 25.9 35.2 52.8#



#33
1,2-Dichloroethane-d4
Concen: 51.715 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX033000.D
Acq: 22 Nov 2022 23:45

Tgt Ion: 65 Resp: 56035
Ion Ratio Lower Upper
65 100
67 50.8 0.0 101.8

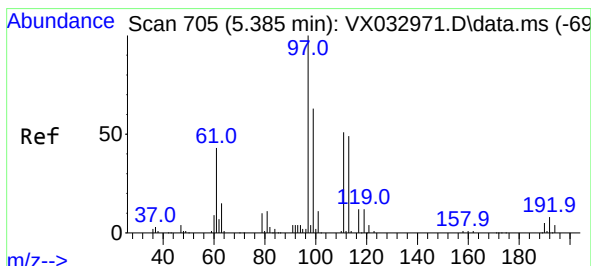
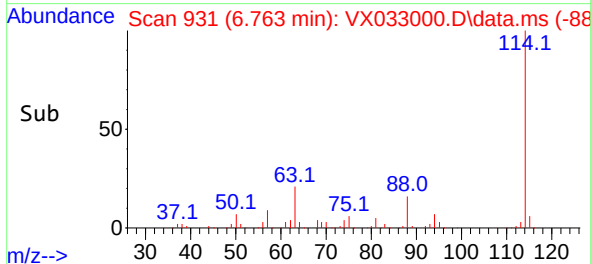
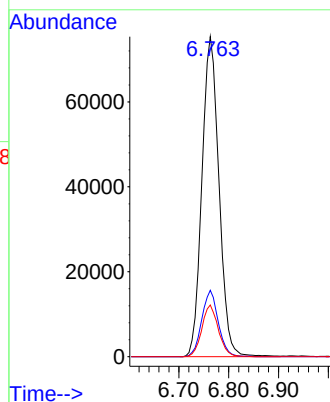
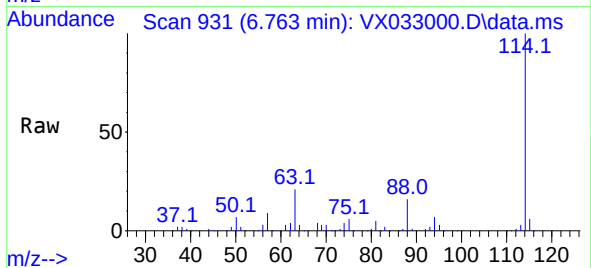




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX033000.D
Acq: 22 Nov 2022 23:45

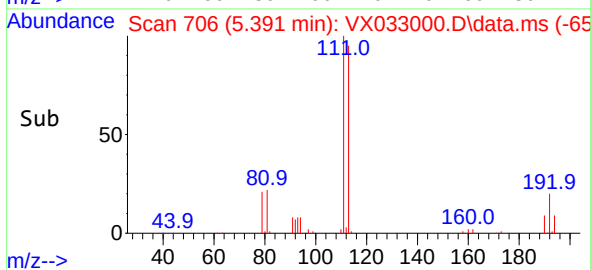
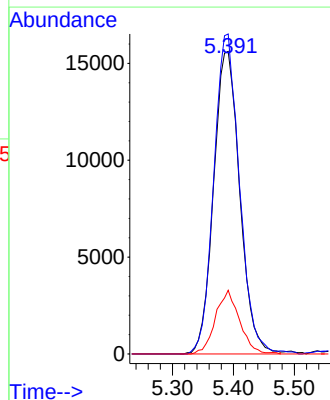
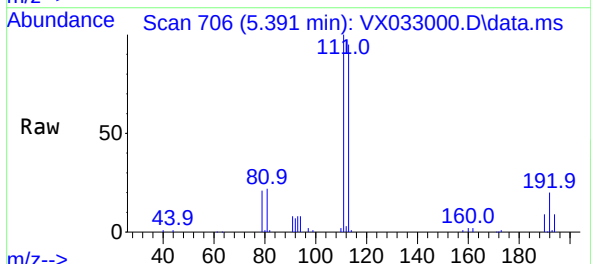
Instrument :
MSVOA_X
ClientSampleId :
RE132D6-20221118

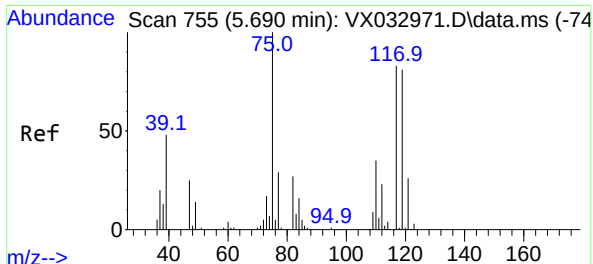
Tgt Ion:114 Resp: 179067
Ion Ratio Lower Upper
114 100
63 20.8 0.0 41.6
88 16.1 0.0 33.4



#35
Dibromofluoromethane
Concen: 46.123 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX033000.D
Acq: 22 Nov 2022 23:45

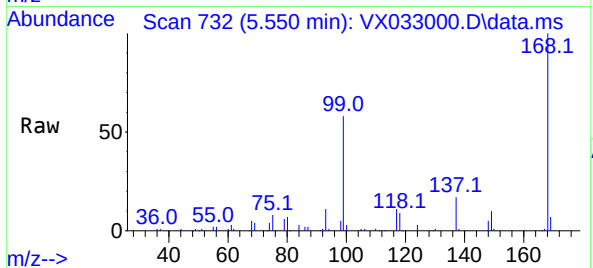
Tgt Ion:113 Resp: 46562
Ion Ratio Lower Upper
113 100
111 103.9 82.4 123.6
192 19.4 15.4 23.2



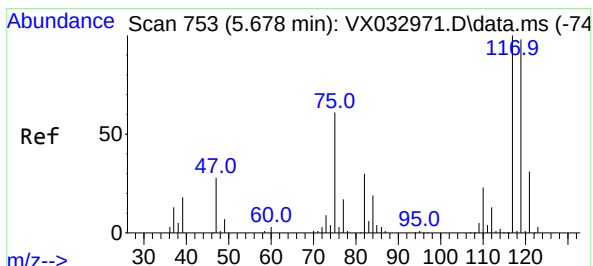
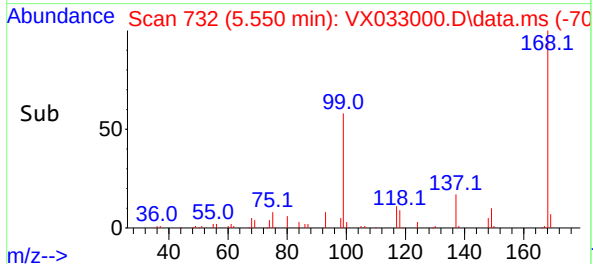
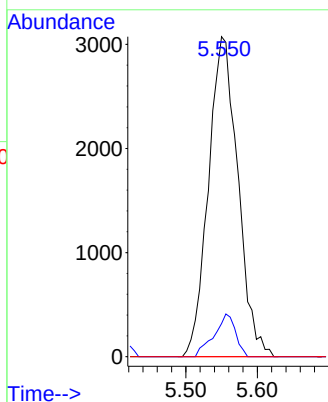


#36
1,1-Dichloropropene
Concen: 5.447 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX033000.D
Acq: 22 Nov 2022 23:45

Instrument :
MSVOA_X
ClientSampleId :
RE132D6-20221118

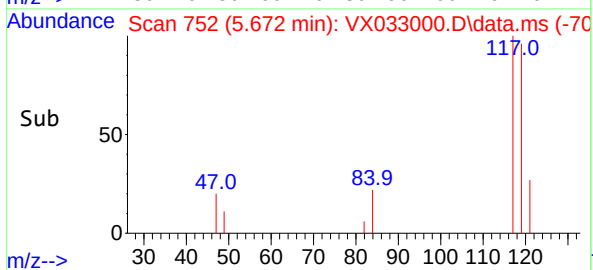
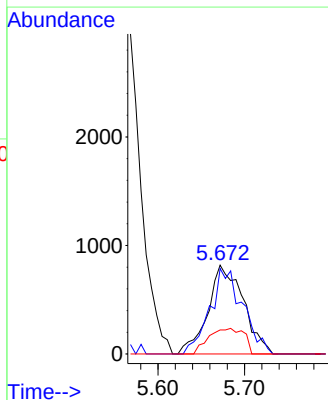
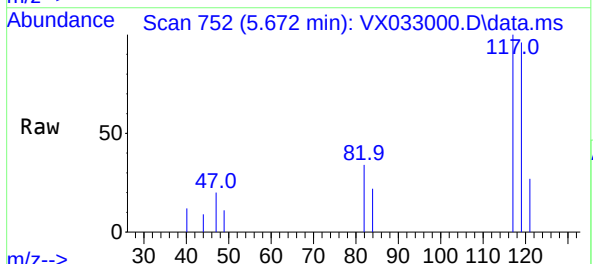


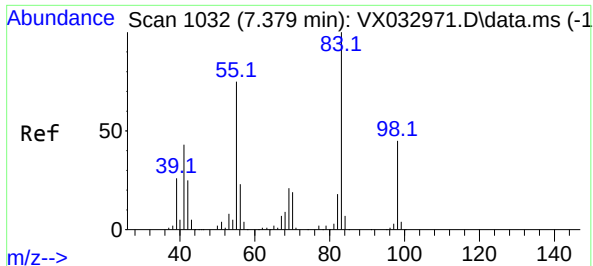
Tgt Ion: 75 Resp: 8792
Ion Ratio Lower Upper
75 100
110 9.7 18.4 55.2#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 1.302 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.012 min
Lab File: VX033000.D
Acq: 22 Nov 2022 23:45

Tgt Ion: 117 Resp: 2332
Ion Ratio Lower Upper
117 100
119 96.2 77.2 115.8
121 27.1 25.8 38.6





#39

Methylcyclohexane

Concen: 16.344 ug/l

RT: 7.129 min Scan# 91

Delta R.T. -0.256 min

Lab File: VX033000.D

Acq: 22 Nov 2022 23:45

Instrument :

MSVOA_X

ClientSampleId :

RE132D6-20221118

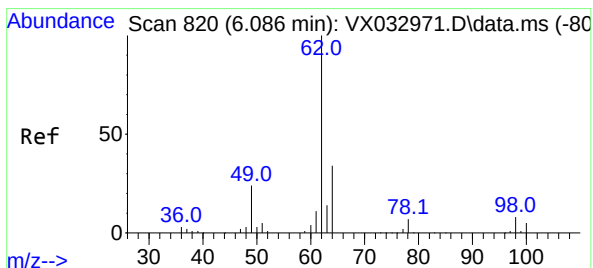
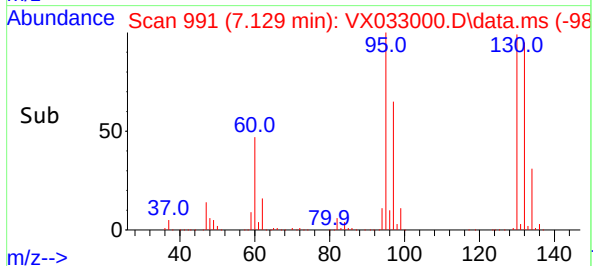
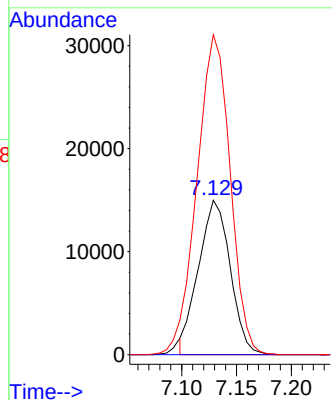
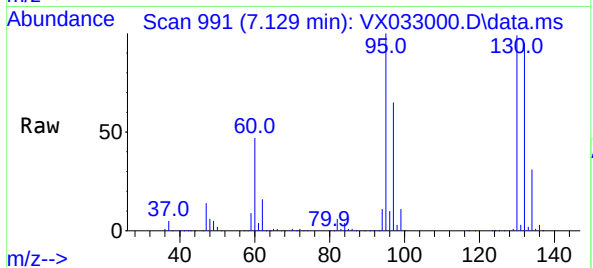
Tgt Ion: 83 Resp: 30102

Ion Ratio Lower Upper

83 100

55 0.0 58.4 87.6#

98 207.3 37.2 55.8#



#42

1,2-Dichloroethane

Concen: 0.352 ug/l

RT: 6.086 min Scan# 820

Delta R.T. 0.000 min

Lab File: VX033000.D

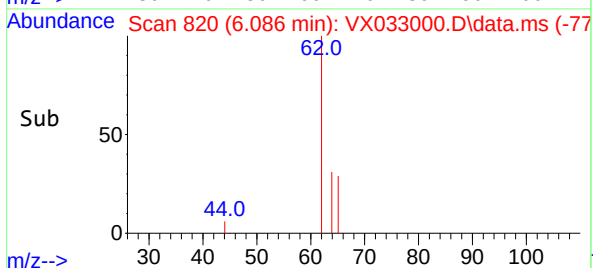
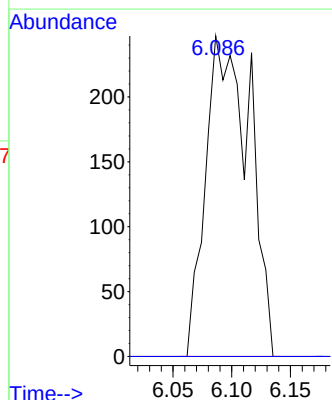
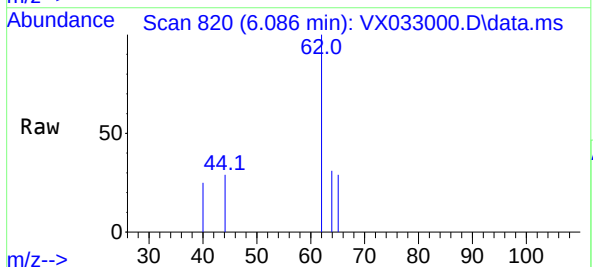
Acq: 22 Nov 2022 23:45

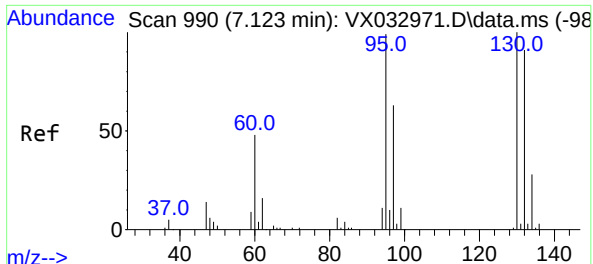
Tgt Ion: 62 Resp: 642

Ion Ratio Lower Upper

62 100

98 0.0 0.0 16.0

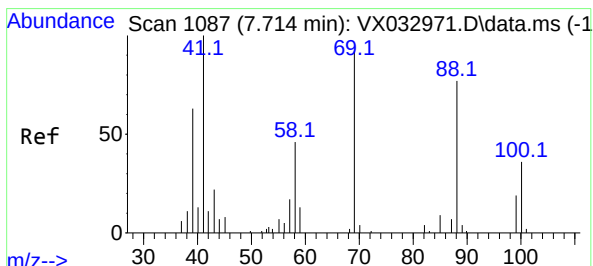
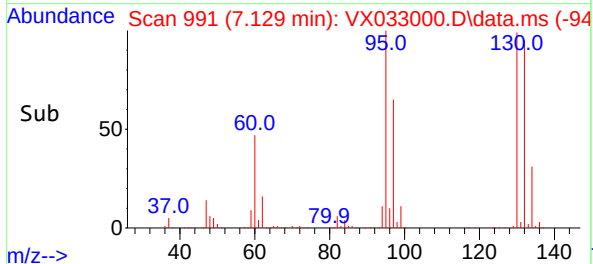
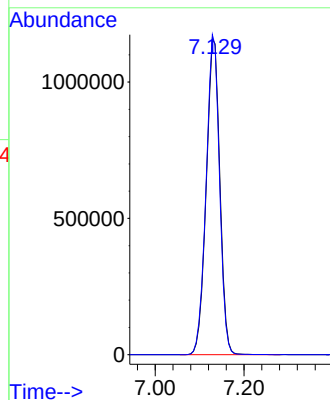
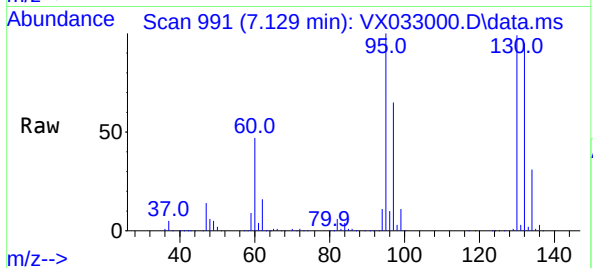




#44
Trichloroethene
Concen: 1946.659 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX033000.D
Acq: 22 Nov 2022 23:45

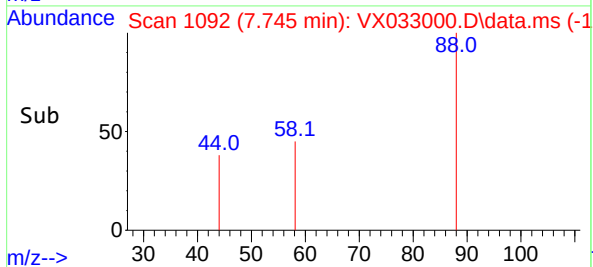
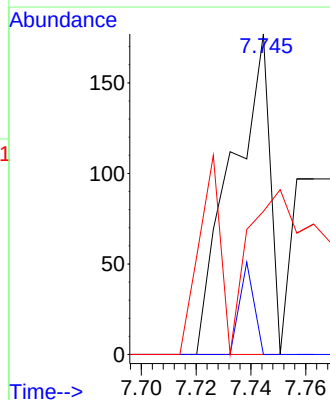
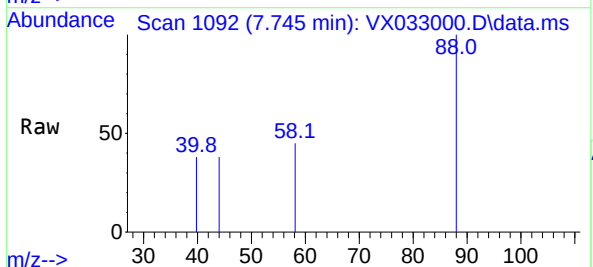
Instrument :
MSVOA_X
ClientSampleId :
RE132D6-20221118

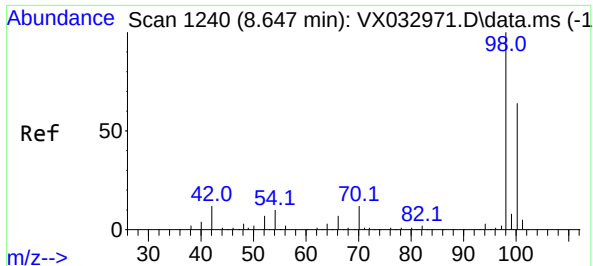
Tgt Ion:130 Resp: 2472190
Ion Ratio Lower Upper
130 100
95 101.3 0.0 195.2



#49
1,4-Dioxane
Concen: 7.704 ug/l
RT: 7.745 min Scan# 1092
Delta R.T. 0.074 min
Lab File: VX033000.D
Acq: 22 Nov 2022 23:45

Tgt Ion: 88 Resp: 170
Ion Ratio Lower Upper
88 100
43 11.2 26.6 39.8#
58 94.7 51.7 77.5#

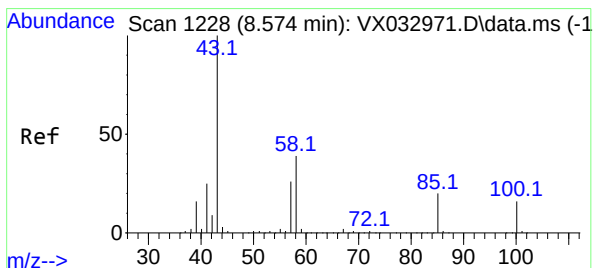
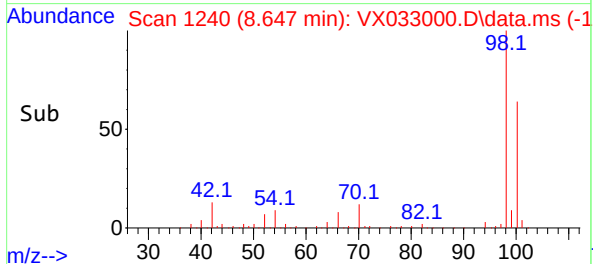
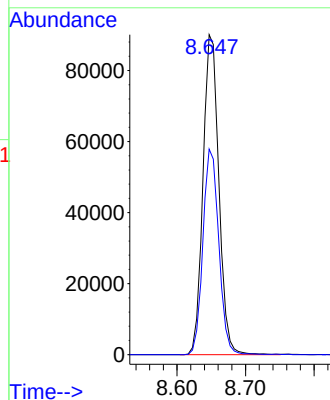
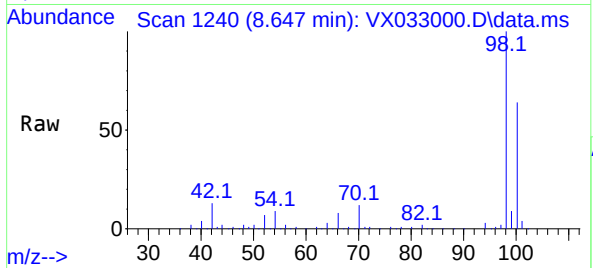




#50
Toluene-d8
Concen: 47.672 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX033000.D
Acq: 22 Nov 2022 23:45

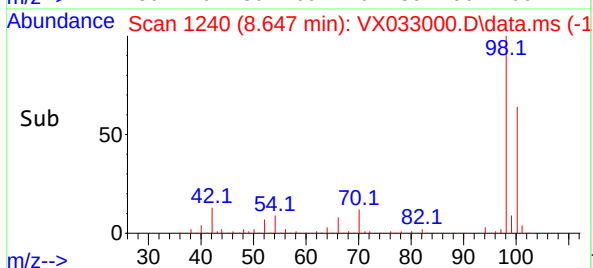
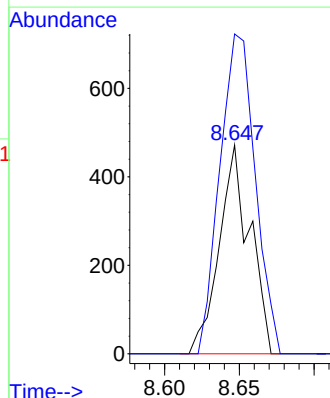
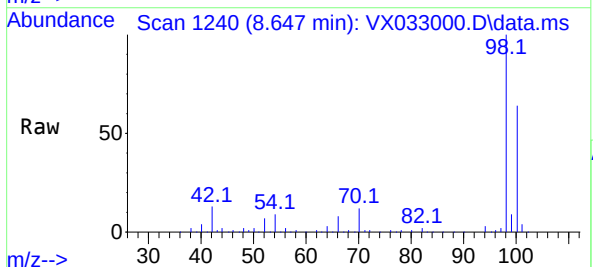
Instrument :
MSVOA_X
ClientSampleId :
RE132D6-20221118

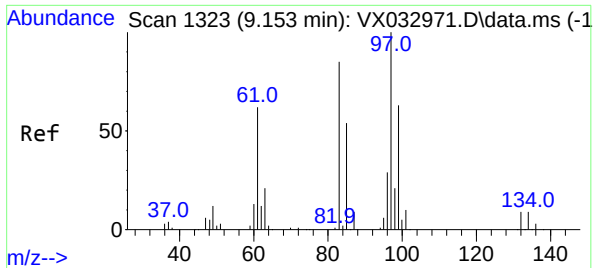
Tgt Ion: 98 Resp: 145106
Ion Ratio Lower Upper
98 100
100 64.4 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 0.468 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX033000.D
Acq: 22 Nov 2022 23:45

Tgt Ion: 43 Resp: 673
Ion Ratio Lower Upper
43 100
58 176.8 30.9 46.3#



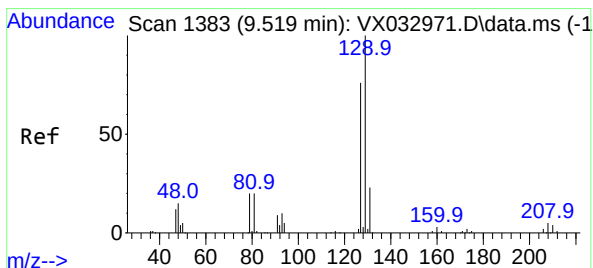
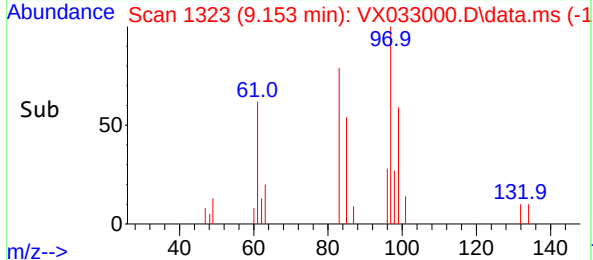
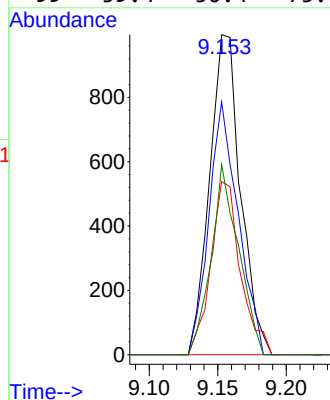
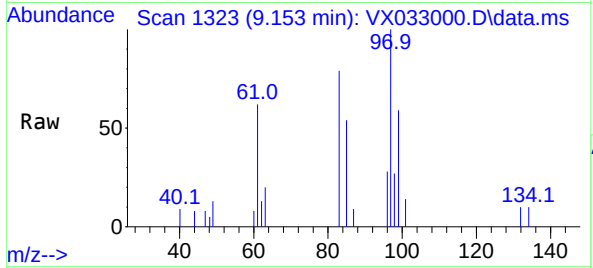


#55
1,1,2-Trichloroethane
Concen: 1.292 ug/l
RT: 9.153 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033000.D
Acq: 22 Nov 2022 23:45

Instrument :
MSVOA_X
ClientSampleId :
RE132D6-20221118

Tgt Ion: 97 Resp: 1566

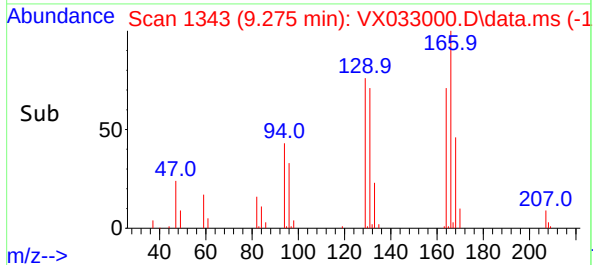
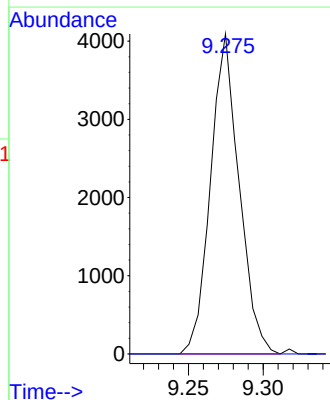
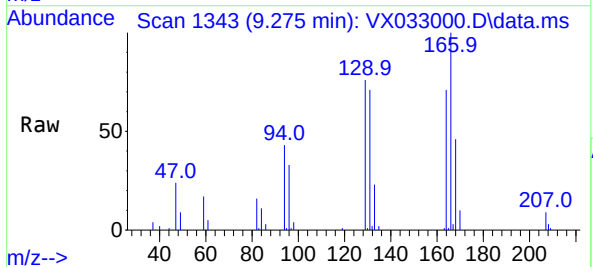
Ion	Ratio	Lower	Upper
97	100		
83	79.0	68.1	102.1
85	54.1	43.3	64.9
99	59.4	50.4	75.6

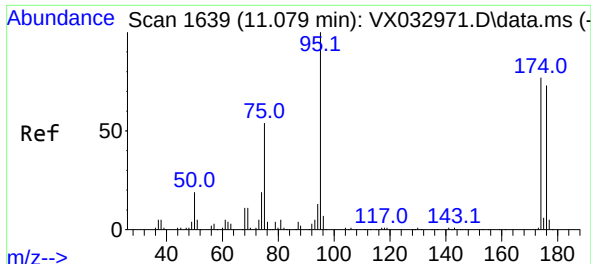


#60
Dibromochloromethane
Concen: 4.163 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX033000.D
Acq: 22 Nov 2022 23:45

Tgt Ion: 129 Resp: 5433

Ion	Ratio	Lower	Upper
129	100		
127	0.0	38.6	115.8#

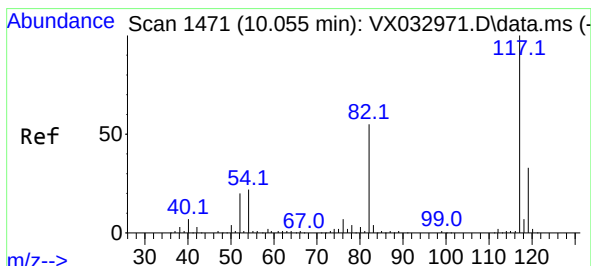
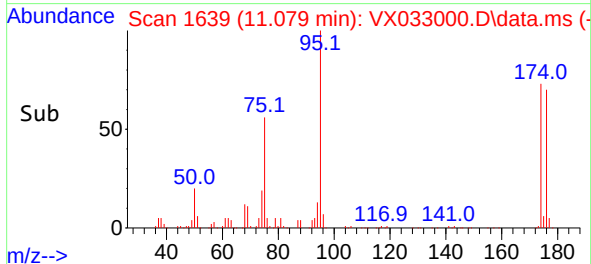
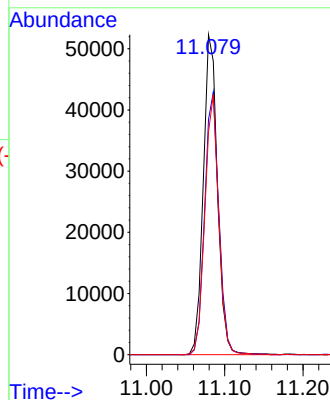
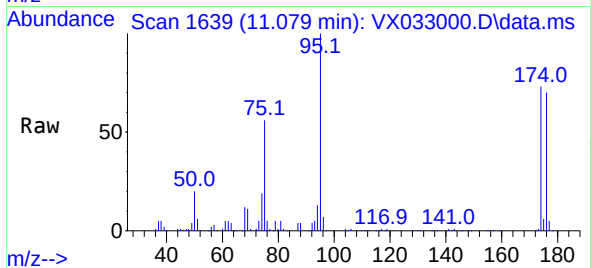




#62
4-Bromofluorobenzene
Concen: 49.427 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX033000.D
Acq: 22 Nov 2022 23:45

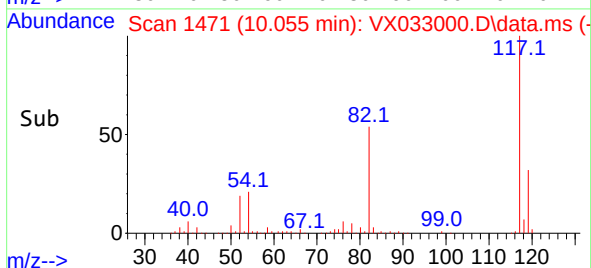
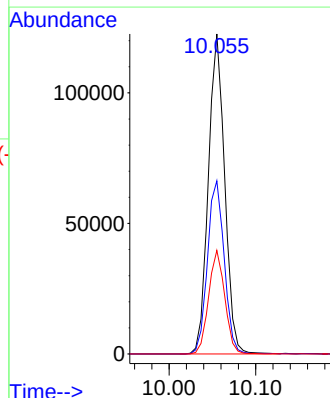
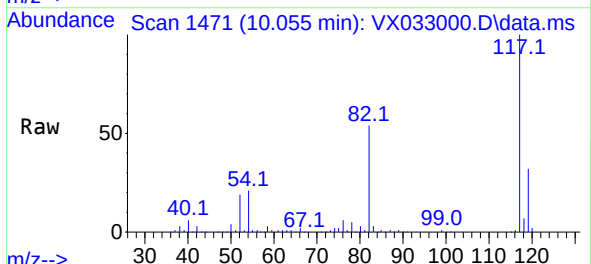
Instrument :
MSVOA_X
ClientSampleId :
RE132D6-20221118

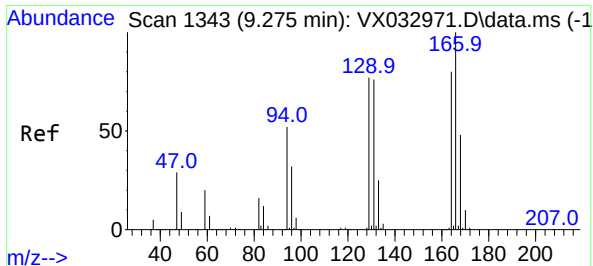
Tgt Ion: 95 Resp: 65545
Ion Ratio Lower Upper
95 100
174 82.6 0.0 164.0
176 79.7 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033000.D
Acq: 22 Nov 2022 23:45

Tgt Ion: 117 Resp: 160794
Ion Ratio Lower Upper
117 100
82 54.1 44.3 66.5
119 32.4 25.7 38.5



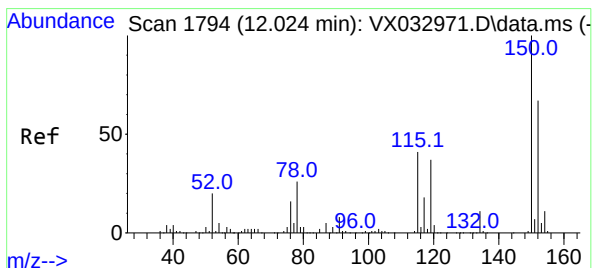
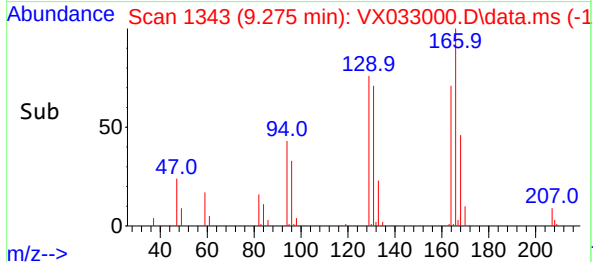
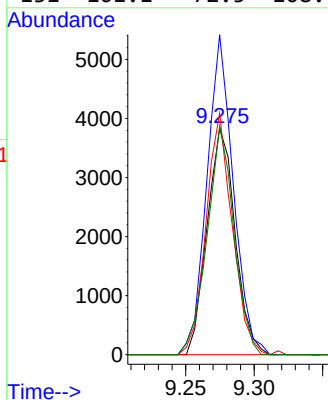
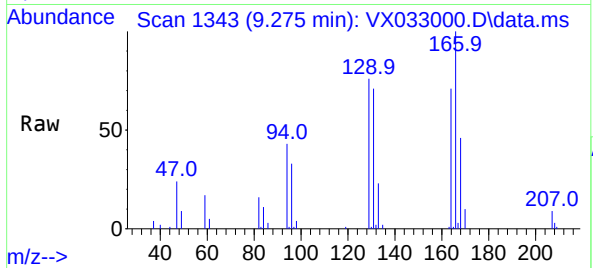


#64
Tetrachloroethene
Concen: 4.801 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033000.D
Acq: 22 Nov 2022 23:45

Instrument :
MSVOA_X
ClientSampleId :
RE132D6-20221118

Tgt Ion:164 Resp: 5464

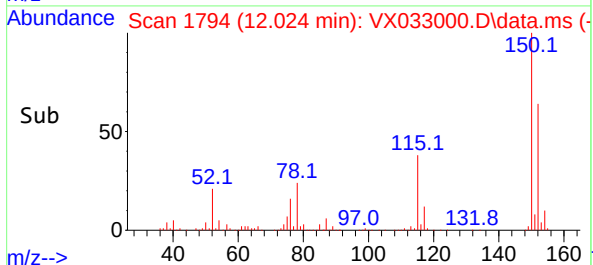
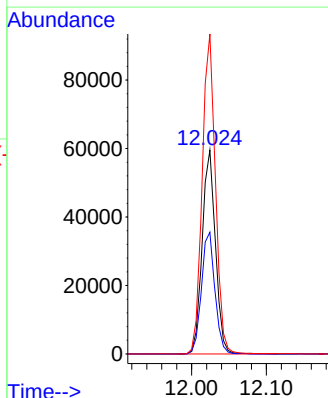
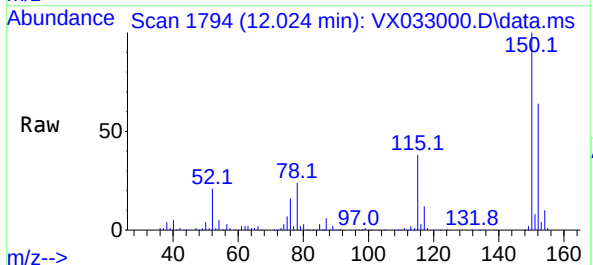
Ion	Ratio	Lower	Upper
164	100		
166	141.4	105.4	158.2
129	106.8	78.2	117.2
131	101.1	72.5	108.7

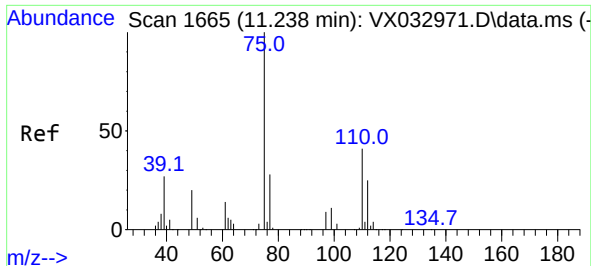


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX033000.D
Acq: 22 Nov 2022 23:45

Tgt Ion:152 Resp: 73419

Ion	Ratio	Lower	Upper
152	100		
115	60.5	44.0	132.0
150	157.3	0.0	351.8

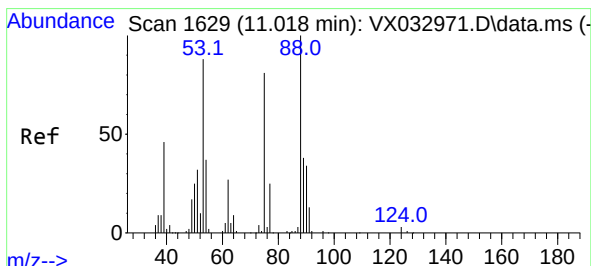
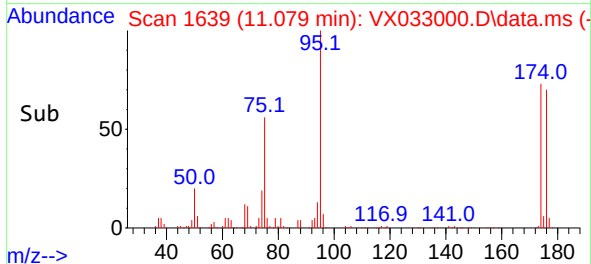
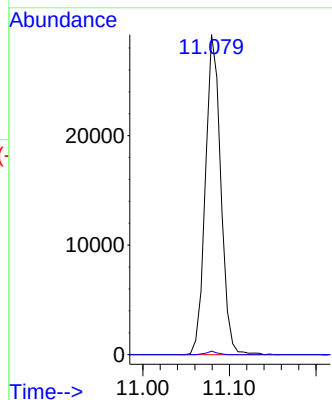
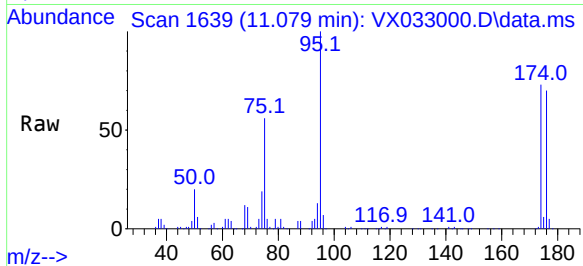




#76
1,2,3-Trichloropropane
Concen: 25.946 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX033000.D
Acq: 22 Nov 2022 23:45

Instrument :
MSVOA_X
ClientSampleId :
RE132D6-20221118

Tgt Ion: 75 Resp: 36076
Ion Ratio Lower Upper
75 100
77 0.8 20.0 60.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 84.336 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX033000.D
Acq: 22 Nov 2022 23:45

Tgt Ion: 75 Resp: 36076
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#

