

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082622\
 Data File : VX030830.D
 Acq On : 26 Aug 2022 17:25
 Operator : JC/MD
 Sample : N4262-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-1021

Quant Time: Aug 27 02:40:44 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)

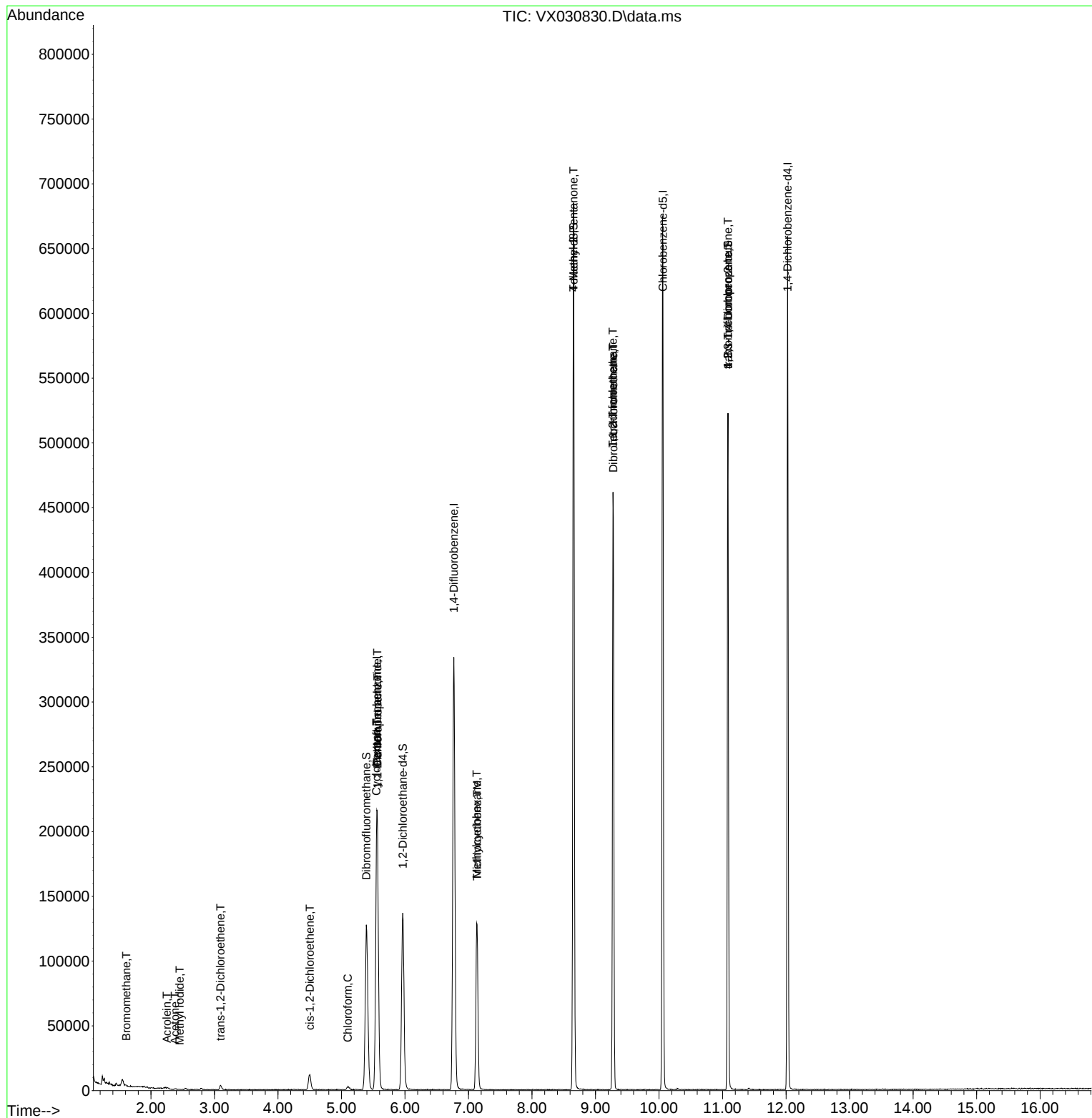
Internal Standards						
1) Pentafluorobenzene	5.555	168	204858	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	346545	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	314349	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	133959	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	130129	54.003	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 108.000%			
35) Dibromofluoromethane	5.391	113	111884	52.532	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.060%			
50) Toluene-d8	8.652	98	412174	55.537	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 111.080%			
62) 4-Bromofluorobenzene	11.085	95	137930	49.919	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 99.840%			
Target Compounds						Qvalue
3) Chloromethane	1.294	50	134	Below Cal	#	88
5) Bromomethane	1.611	94	324	0.339	ug/l #	66
6) Chloroethane	1.690	64	104	Below Cal	#	9
10) Methyl Iodide	2.452	142	22	4.042	ug/l #	45
13) Acrolein	2.251	56	31	10.117	ug/l #	14
16) Acetone	2.379	43	814	0.731	ug/l #	57
17) Carbon Disulfide	2.513	76	253	Below Cal	#	74
20) Methylene Chloride	2.794	84	560	Below Cal	#	85
21) trans-1,2-Dichloroethene	3.093	96	1618	0.811	ug/l #	75
27) cis-1,2-Dichloroethene	4.501	96	8039	3.262	ug/l	91
30) Chloroform	5.098	83	2881	0.700	ug/l #	80
31) Cyclohexane	5.549	56	4293	1.393	ug/l #	6
36) 1,1-Dichloropropene	5.568	75	16952	5.845	ug/l #	49
38) Carbon Tetrachloride	5.562	117	21378	6.988	ug/l #	16
39) Methylcyclohexane	7.128	83	850	0.245	ug/l #	1
44) Trichloroethene	7.134	130	51939	20.719	ug/l	99
51) 4-Methyl-2-Pentanone	8.652	43	1794	0.514	ug/l #	1
55) 1,1,2-Trichloroethane	9.274	97	899	0.374	ug/l #	1
60) Dibromochloromethane	9.280	129	86988	34.659	ug/l #	11
64) Tetrachloroethene	9.274	164	87896	35.496	ug/l	96
76) 1,2,3-Trichloropropane	11.085	75	68151	23.221	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	68151	74.921	ug/l #	13

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

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MSVOA_X
ClientSampleId :
MW-102I

Quant Time: Aug 27 02:40:44 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

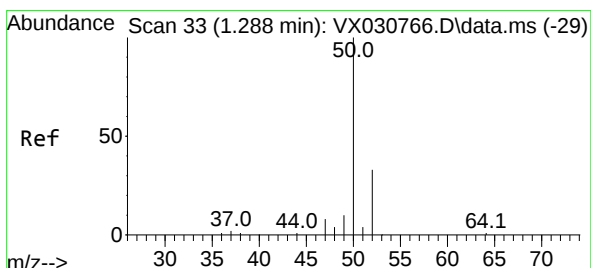
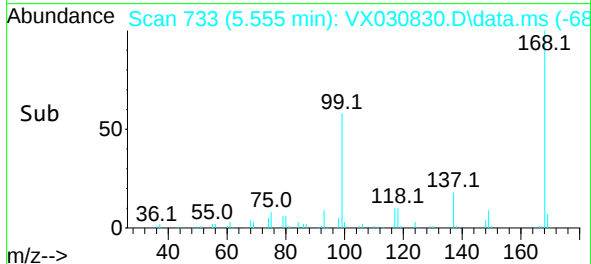
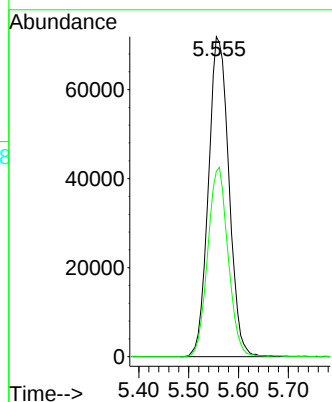
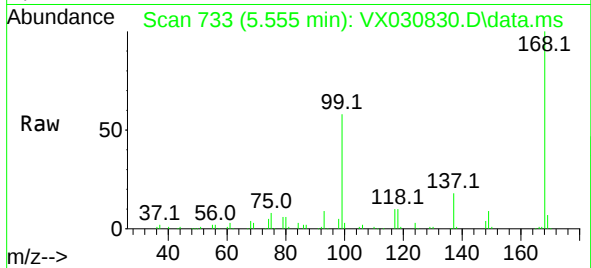




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.555 min Scan# 71
Delta R.T. -0.001 min
Lab File: VX030830.D
Acq: 26 Aug 2022 17:25

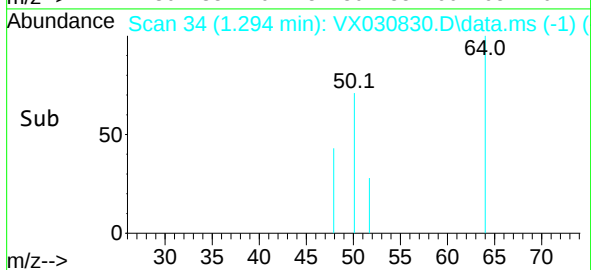
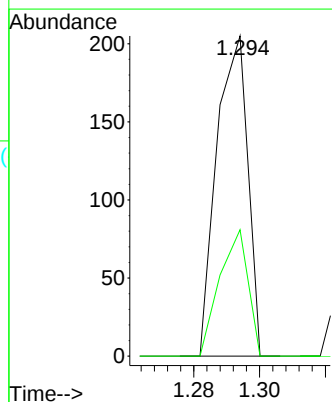
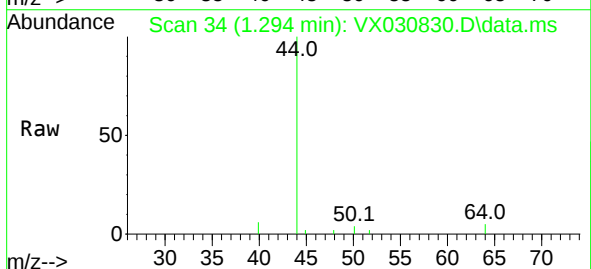
Instrument :
MSVOA_X
ClientSampleId :
MW-102I

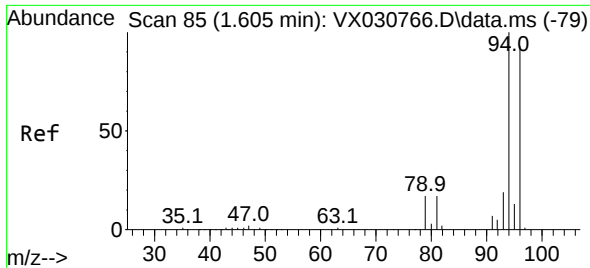
Tgt Ion:168 Resp: 204858
Ion Ratio Lower Upper
168 100
99 58.0 44.0 66.0



#3
Chloromethane
Concen: Below Cal
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX030830.D
Acq: 26 Aug 2022 17:25

Tgt Ion: 50 Resp: 134
Ion Ratio Lower Upper
50 100
52 39.5 26.3 39.5#

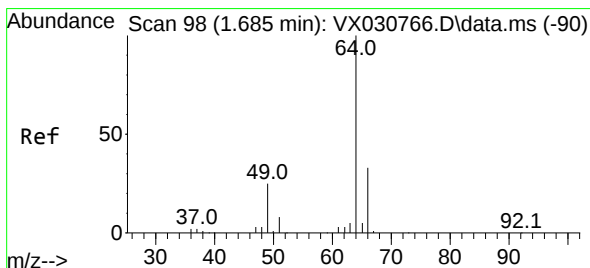
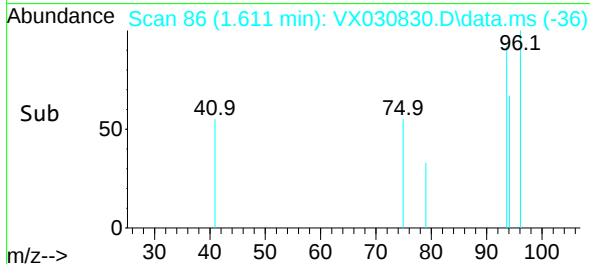
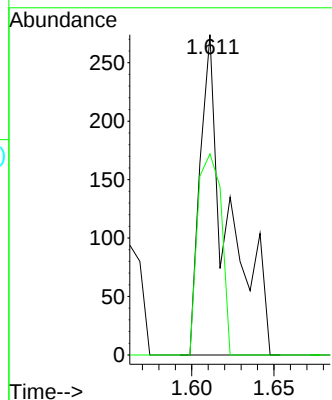
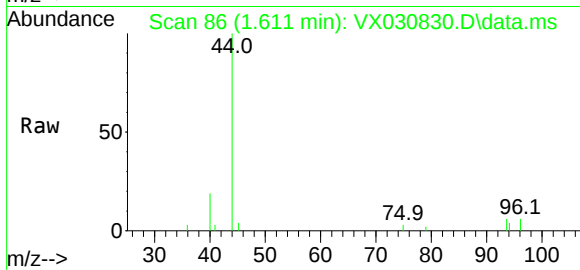




#5
Bromomethane
Concen: 0.339 ug/l
RT: 1.611 min Scan# 80
Delta R.T. 0.006 min
Lab File: VX030830.D
Acq: 26 Aug 2022 17:25

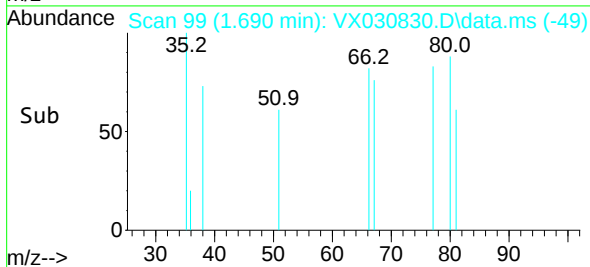
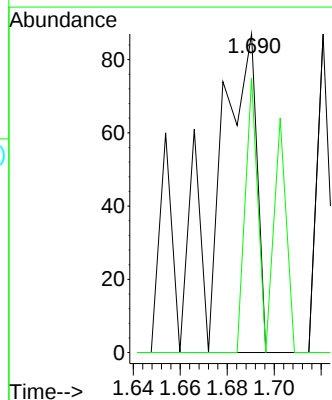
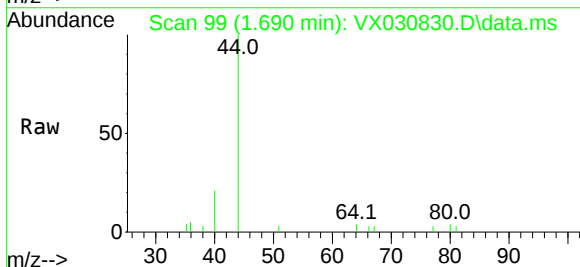
Instrument :
MSVOA_X
ClientSampleId :
MW-102I

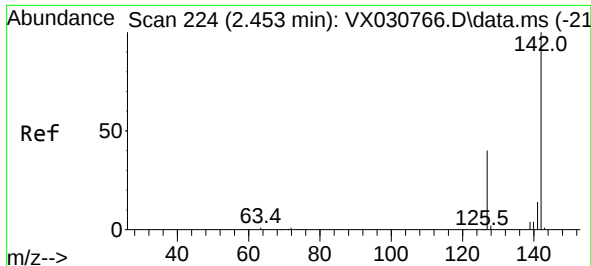
Tgt Ion: 94 Resp: 324
Ion Ratio Lower Upper
94 100
96 62.8 76.9 115.3#



#6
Chloroethane
Concen: Below Cal
RT: 1.690 min Scan# 99
Delta R.T. 0.005 min
Lab File: VX030830.D
Acq: 26 Aug 2022 17:25

Tgt Ion: 64 Resp: 104
Ion Ratio Lower Upper
64 100
66 86.2 27.2 40.8#

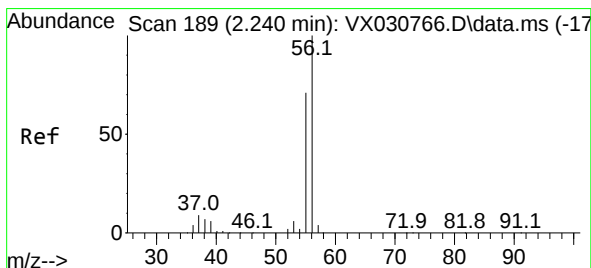
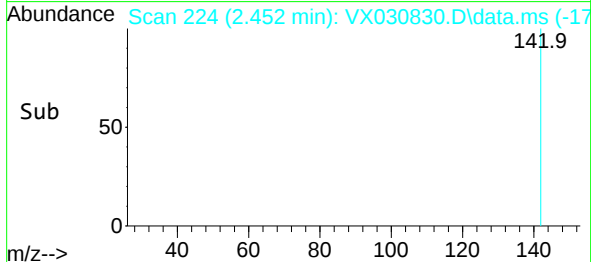
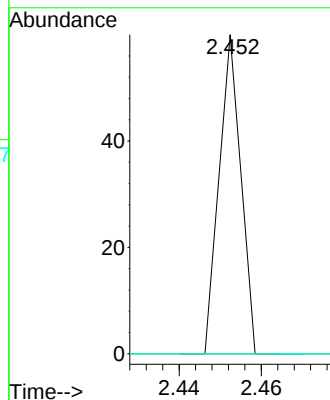
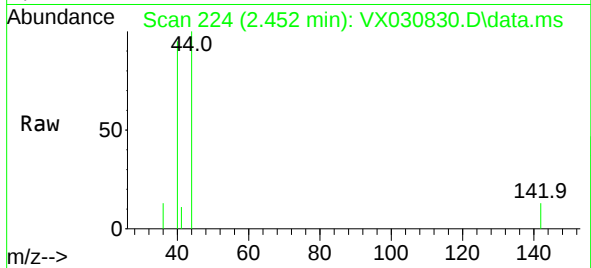




#10
Methyl Iodide
Concen: 4.042 ug/l
RT: 2.452 min Scan# 21
Delta R.T. -0.001 min
Lab File: VX030830.D
Acq: 26 Aug 2022 17:25

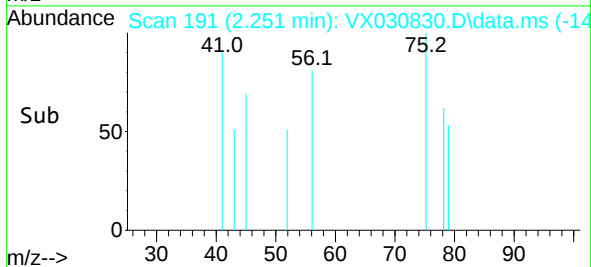
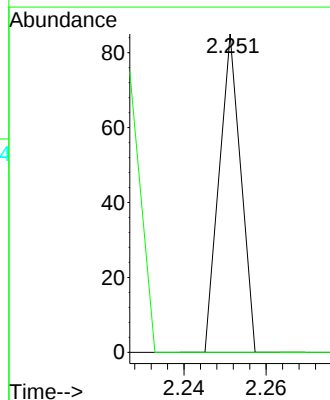
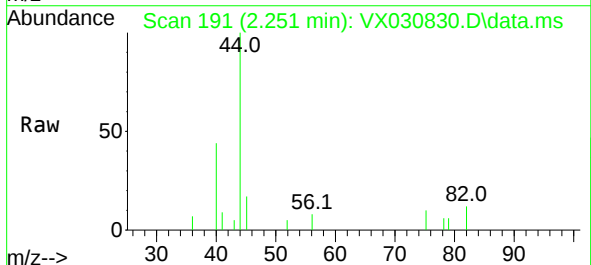
Instrument :
MSVOA_X
ClientSampleId :
MW-102I

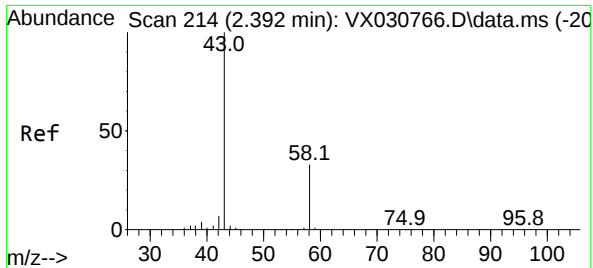
Tgt Ion:142 Resp: 22
Ion Ratio Lower Upper
142 100
127 0.0 30.2 45.2#
141 0.0 11.3 16.9#



#13
Acrolein
Concen: 10.117 ug/l
RT: 2.251 min Scan# 191
Delta R.T. 0.011 min
Lab File: VX030830.D
Acq: 26 Aug 2022 17:25

Tgt Ion: 56 Resp: 31
Ion Ratio Lower Upper
56 100
55 0.0 56.6 84.8#

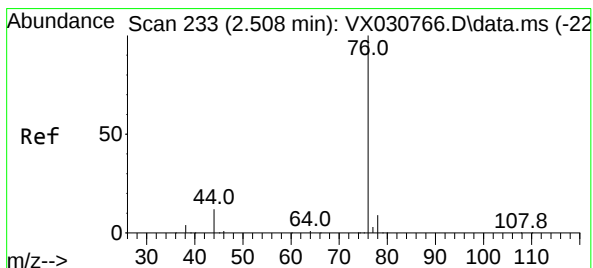
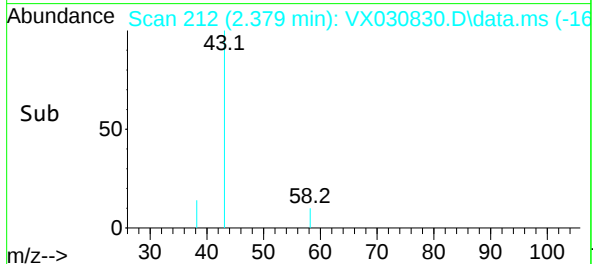
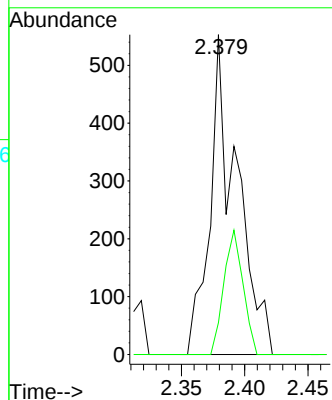
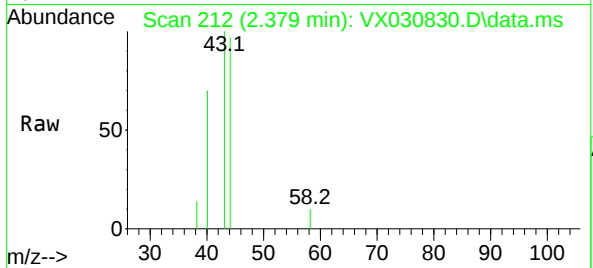




#16
Acetone
Concen: 0.731 ug/l
RT: 2.379 min Scan# 214
Delta R.T. -0.013 min
Lab File: VX030830.D
Acq: 26 Aug 2022 17:25

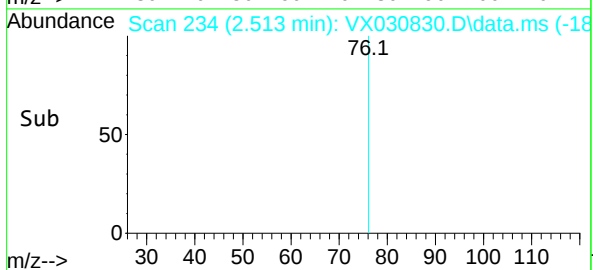
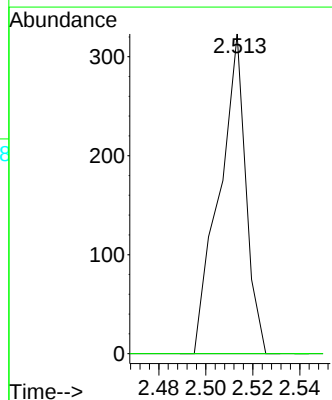
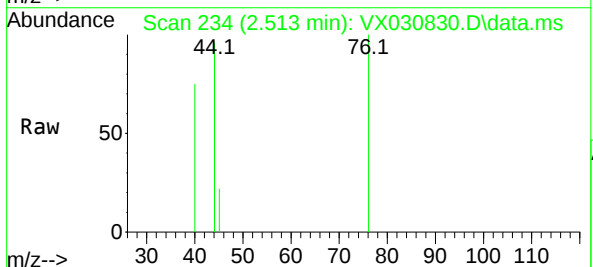
Instrument :
MSVOA_X
ClientSampleId :
MW-102I

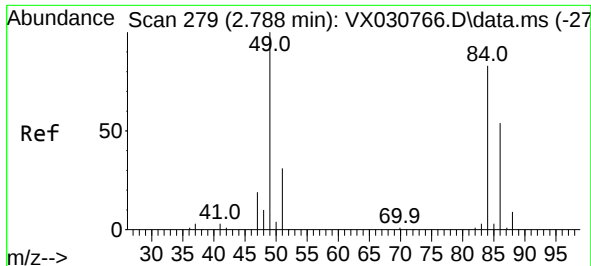
Tgt Ion: 43 Resp: 814
Ion Ratio Lower Upper
43 100
58 9.9 27.7 41.5#



#17
Carbon Disulfide
Concen: Below Cal
RT: 2.513 min Scan# 234
Delta R.T. 0.005 min
Lab File: VX030830.D
Acq: 26 Aug 2022 17:25

Tgt Ion: 76 Resp: 253
Ion Ratio Lower Upper
76 100
78 0.0 7.8 11.6#



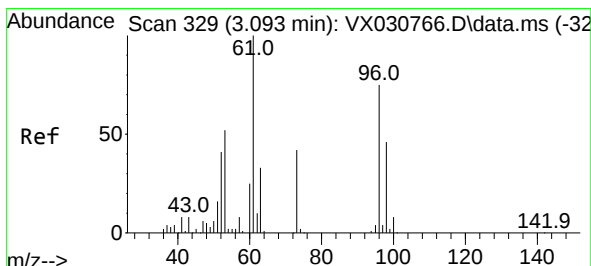
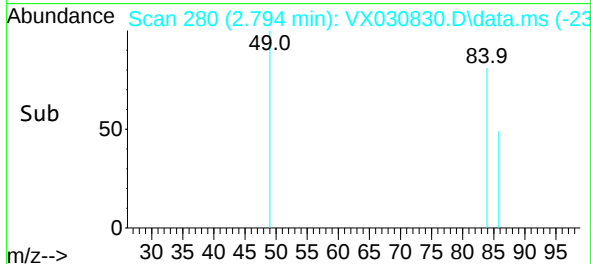
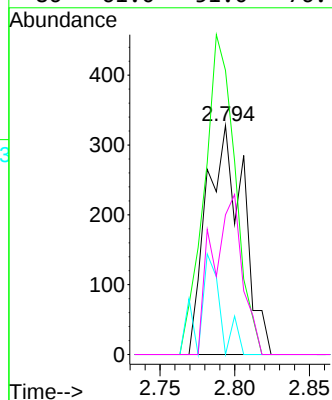
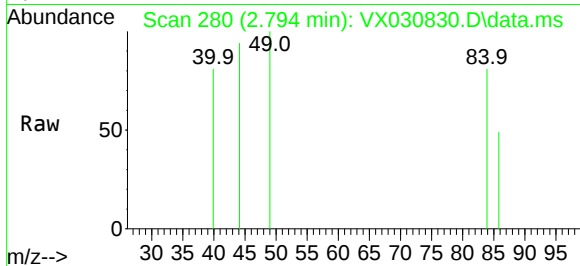


#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX030830.D
Acq: 26 Aug 2022 17:25

Instrument :
MSVOA_X
ClientSampleId :
MW-102I

Tgt Ion: 84 Resp: 560

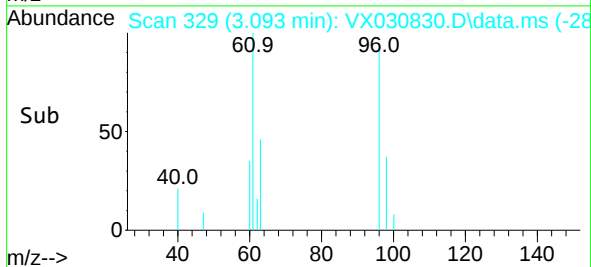
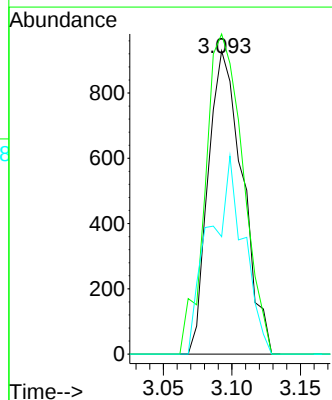
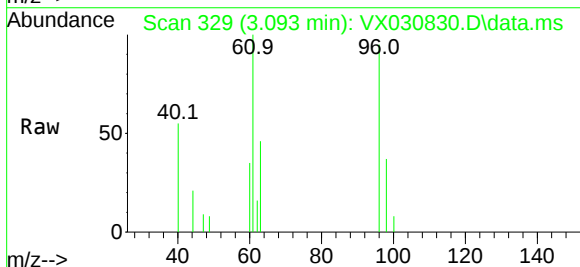
Ion	Ratio	Lower	Upper
84	100		
49	124.1	93.8	140.6
51	0.0	29.4	44.0#
86	61.0	51.0	76.4

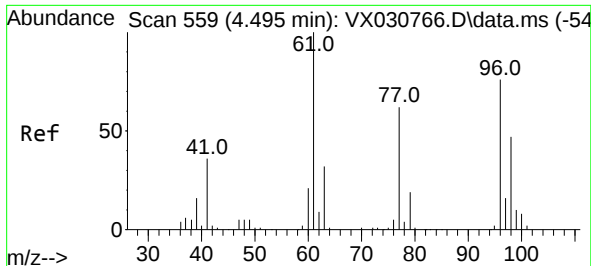


#21
trans-1,2-Dichloroethene
Concen: 0.811 ug/l
RT: 3.093 min Scan# 329
Delta R.T. -0.000 min
Lab File: VX030830.D
Acq: 26 Aug 2022 17:25

Tgt Ion: 96 Resp: 1618

Ion	Ratio	Lower	Upper
96	100		
61	105.6	105.6	158.4#
98	38.8	50.1	75.1#





#27

cis-1,2-Dichloroethene

Concen: 3.262 ug/l

RT: 4.501 min Scan# 5

Delta R.T. 0.006 min

Lab File: VX030830.D

Acq: 26 Aug 2022 17:25

Instrument :

MSVOA_X

ClientSampleId :

MW-102I

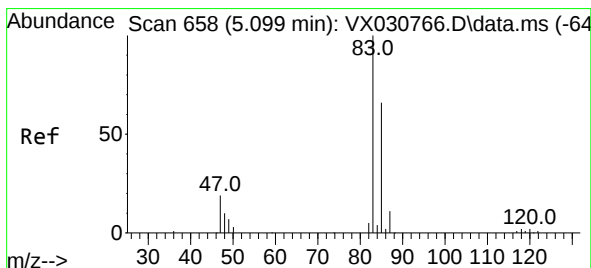
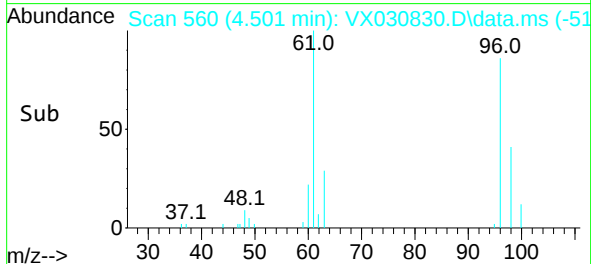
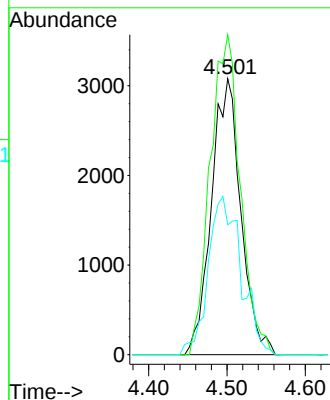
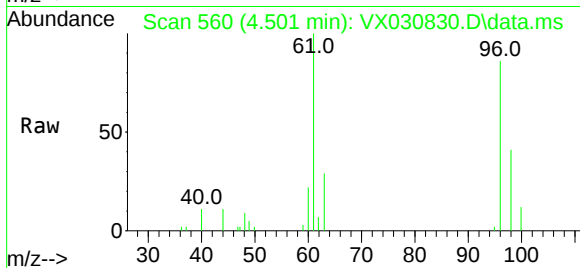
Tgt Ion: 96 Resp: 8039

Ion Ratio Lower Upper

96 100

61 118.9 0.0 270.0

98 64.2 0.0 127.8



#30

Chloroform

Concen: 0.700 ug/l

RT: 5.098 min Scan# 658

Delta R.T. -0.001 min

Lab File: VX030830.D

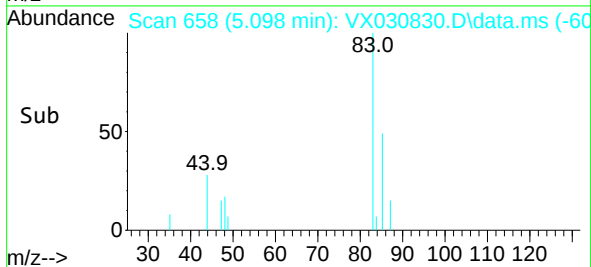
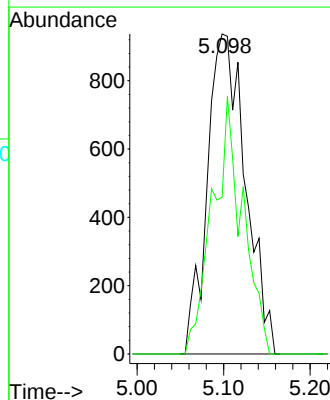
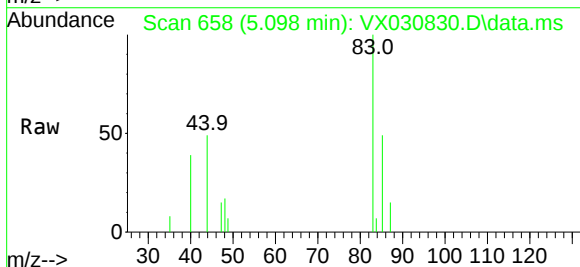
Acq: 26 Aug 2022 17:25

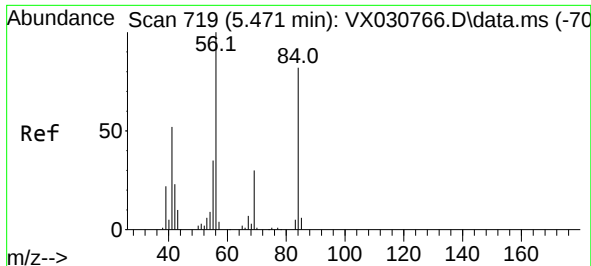
Tgt Ion: 83 Resp: 2881

Ion Ratio Lower Upper

83 100

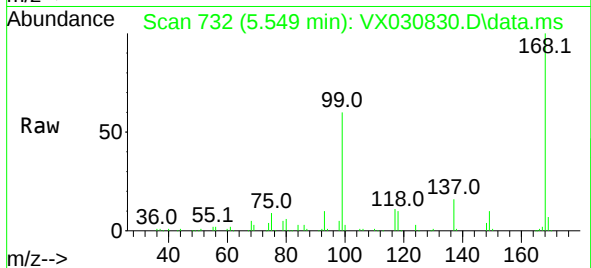
85 49.0 51.5 77.3#



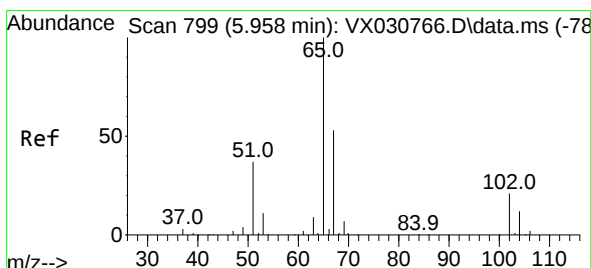
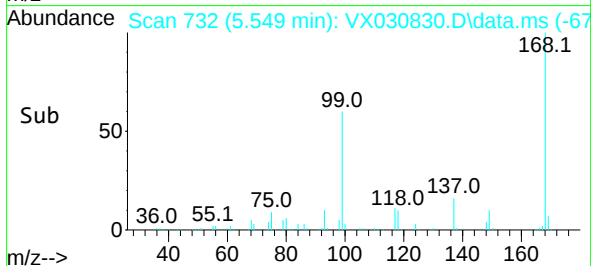
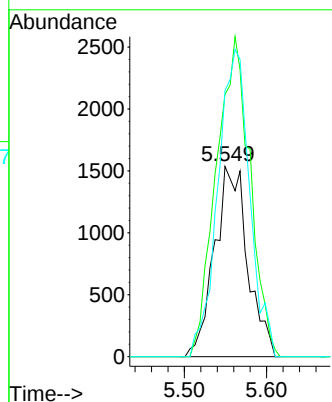


#31
Cyclohexane
Concen: 1.393 ug/l
RT: 5.549 min Scan# 719
Delta R.T. 0.078 min
Lab File: VX030830.D
Acq: 26 Aug 2022 17:25

Instrument :
MSVOA_X
ClientSampleId :
MW-102I

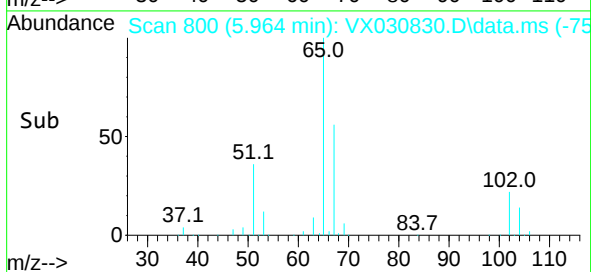
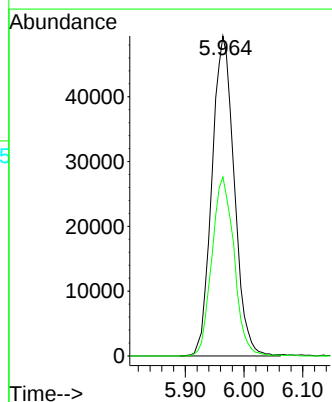
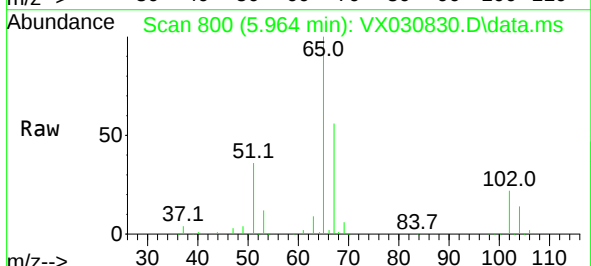


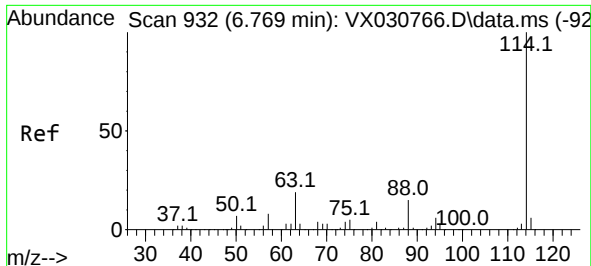
Tgt Ion: 56 Resp: 4293
Ion Ratio Lower Upper
56 100
69 137.9 25.4 38.0#
84 140.0 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 54.003 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX030830.D
Acq: 26 Aug 2022 17:25

Tgt Ion: 65 Resp: 130129
Ion Ratio Lower Upper
65 100
67 55.4 0.0 109.6

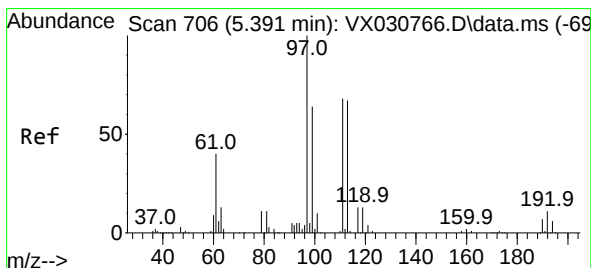
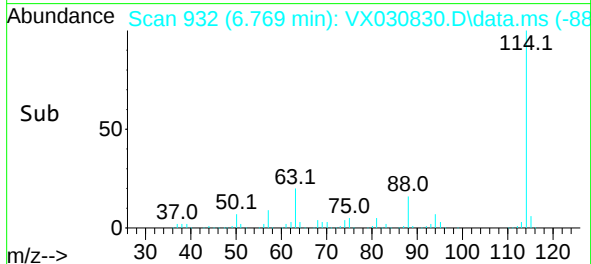
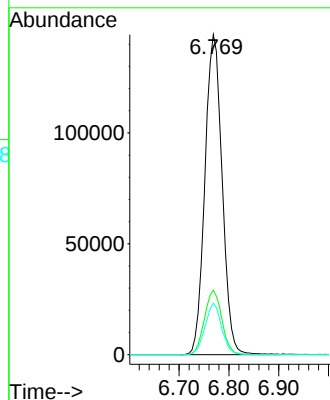
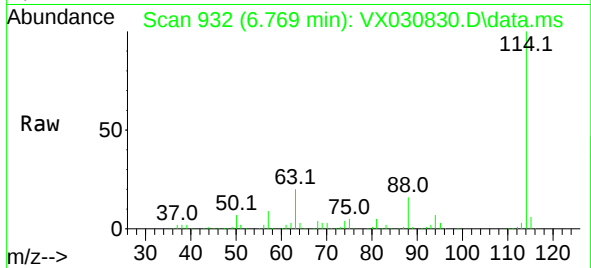




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. -0.000 min
Lab File: VX030830.D
Acq: 26 Aug 2022 17:25

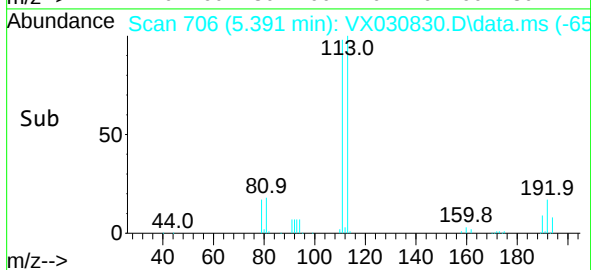
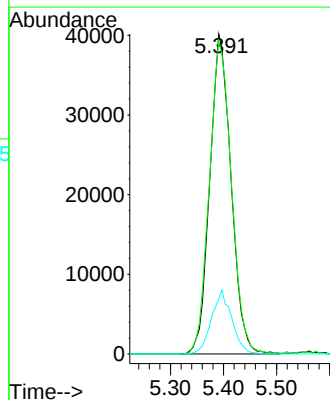
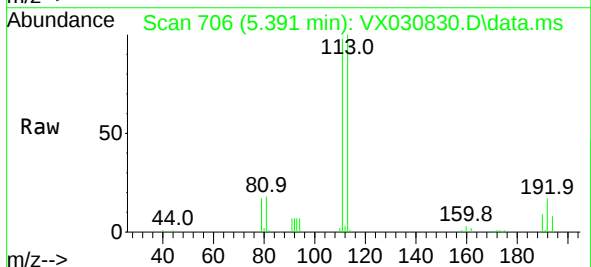
Instrument :
MSVOA_X
ClientSampleId :
MW-102I

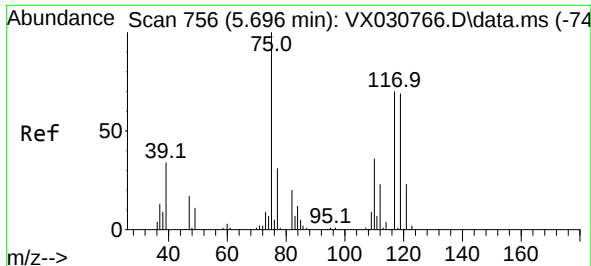
Tgt Ion:114 Resp: 346545
Ion Ratio Lower Upper
114 100
63 20.1 0.0 38.4
88 16.1 0.0 31.8



#35
Dibromofluoromethane
Concen: 52.532 ug/l
RT: 5.391 min Scan# 706
Delta R.T. -0.000 min
Lab File: VX030830.D
Acq: 26 Aug 2022 17:25

Tgt Ion:113 Resp: 111884
Ion Ratio Lower Upper
113 100
111 101.7 83.2 124.8
192 19.0 14.8 22.2

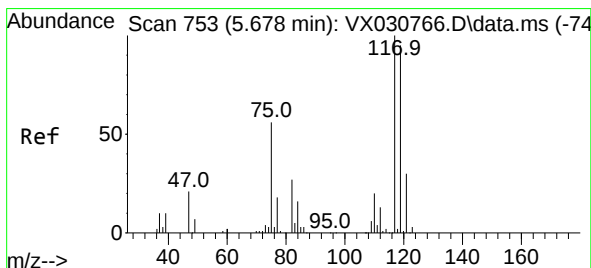
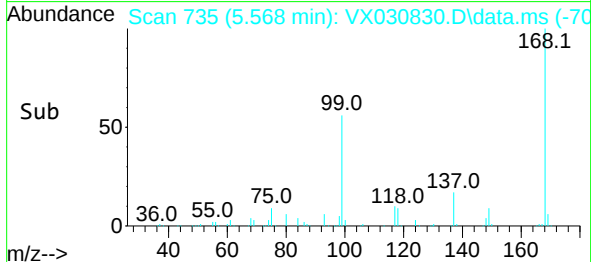
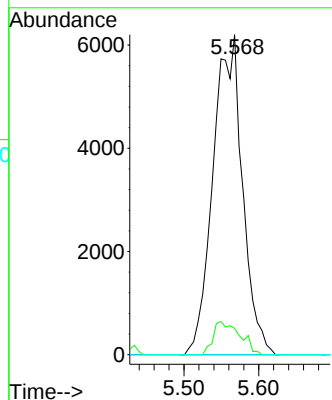
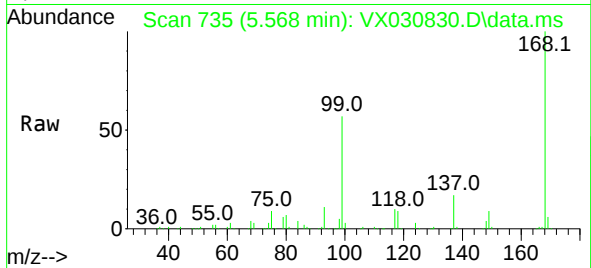




#36
1,1-Dichloropropene
Concen: 5.845 ug/l
RT: 5.568 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX030830.D
Acq: 26 Aug 2022 17:25

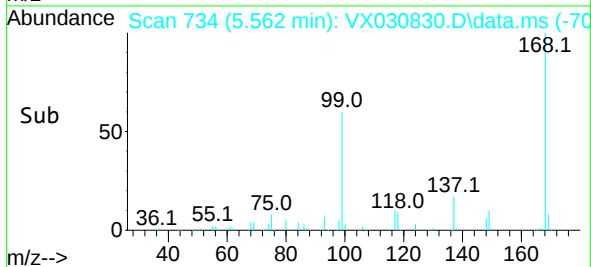
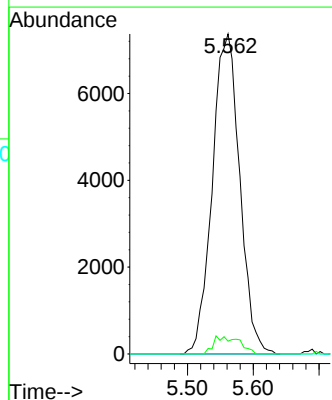
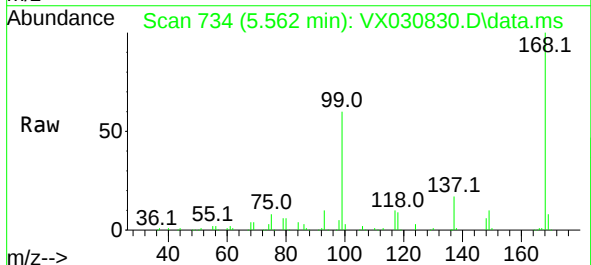
Instrument :
MSVOA_X
ClientSampleId :
MW-102I

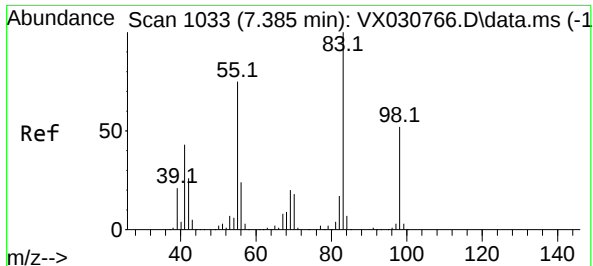
Tgt Ion: 75 Resp: 16952
Ion Ratio Lower Upper
75 100
110 9.4 19.3 57.9#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 6.988 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.116 min
Lab File: VX030830.D
Acq: 26 Aug 2022 17:25

Tgt Ion: 117 Resp: 21378
Ion Ratio Lower Upper
117 100
119 4.0 74.1 111.1#
121 0.0 25.8 38.8#





#39

Methylcyclohexane

Concen: 0.245 ug/l

RT: 7.128 min Scan# 991

Delta R.T. -0.257 min

Lab File: VX030830.D

Acq: 26 Aug 2022 17:25

Instrument :

MSVOA_X

ClientSampleId :

MW-102I

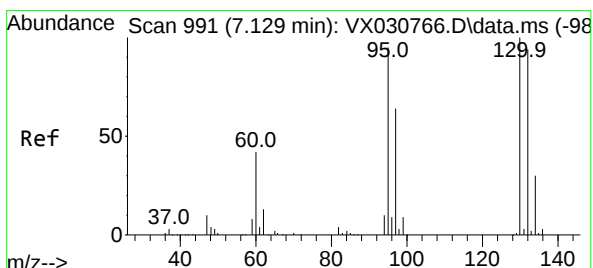
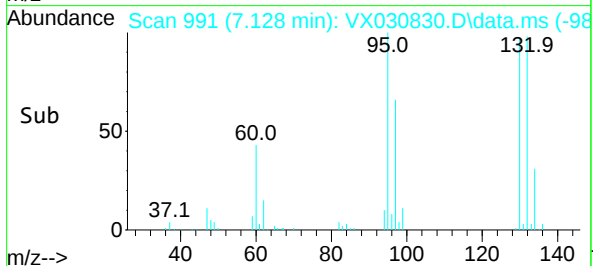
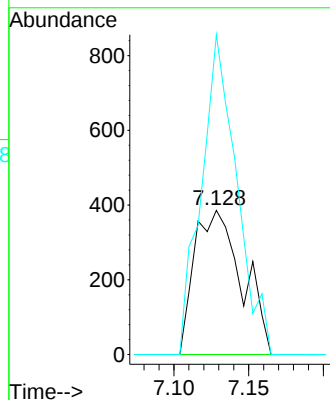
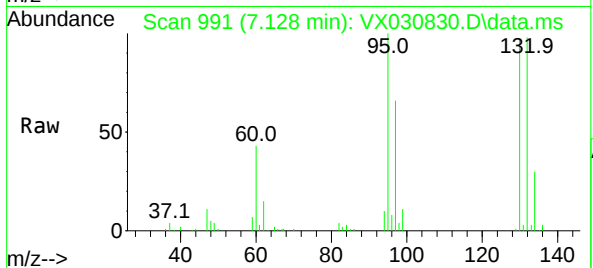
Tgt Ion: 83 Resp: 850

Ion Ratio Lower Upper

83 100

55 0.0 57.7 86.5#

98 221.8 36.5 54.7#



#44

Trichloroethene

Concen: 20.719 ug/l

RT: 7.134 min Scan# 992

Delta R.T. 0.005 min

Lab File: VX030830.D

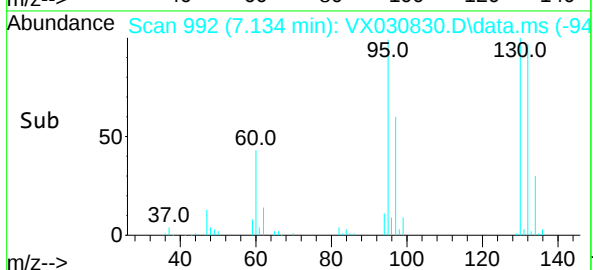
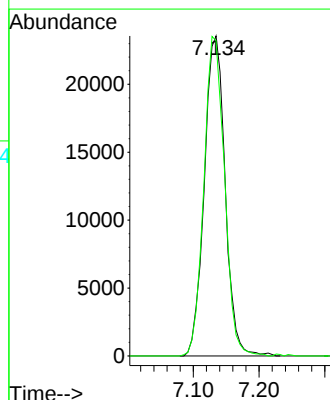
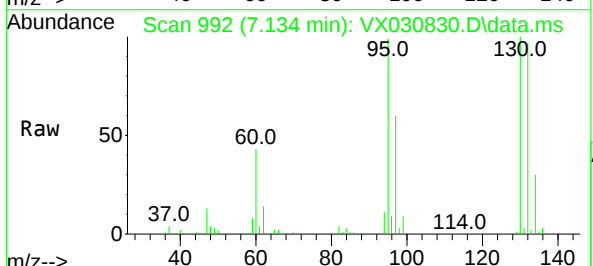
Acq: 26 Aug 2022 17:25

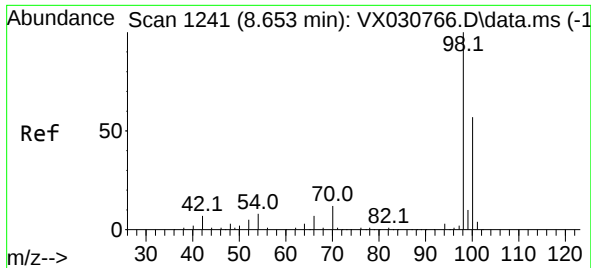
Tgt Ion:130 Resp: 51939

Ion Ratio Lower Upper

130 100

95 98.6 0.0 194.8

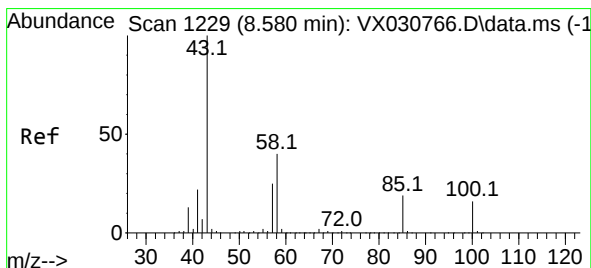
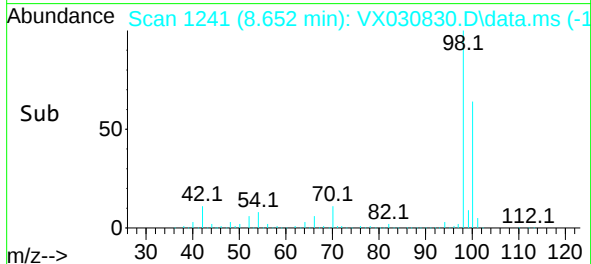
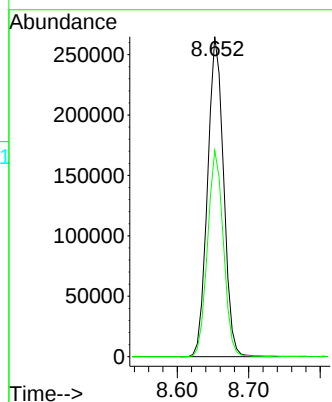
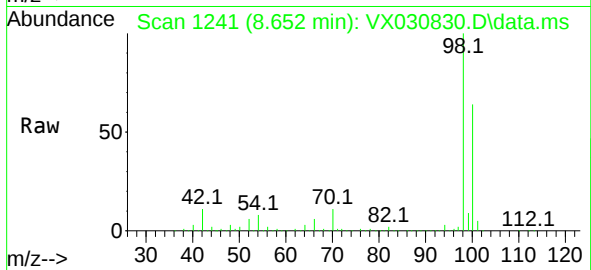




#50
Toluene-d8
Concen: 55.537 ug/l
RT: 8.652 min Scan# 1241
Delta R.T. -0.001 min
Lab File: VX030830.D
Acq: 26 Aug 2022 17:25

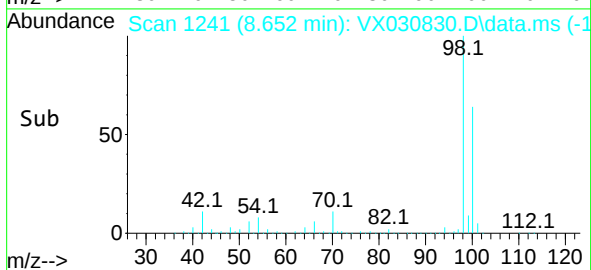
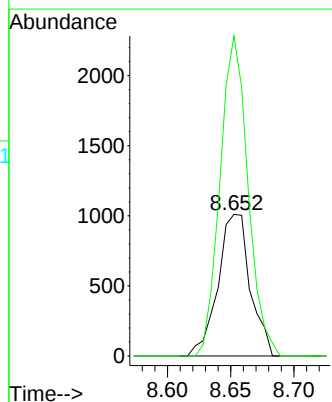
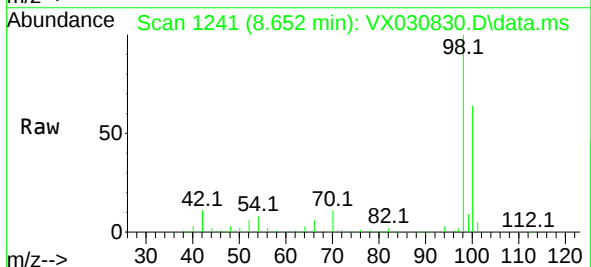
Instrument :
MSVOA_X
ClientSampleId :
MW-102I

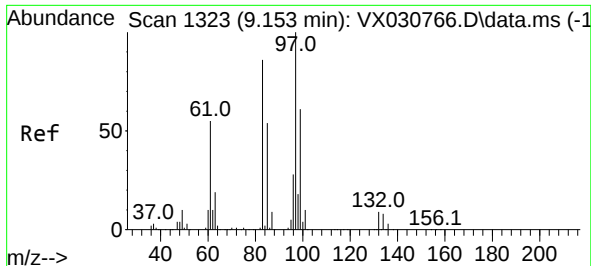
Tgt Ion: 98 Resp: 412174
Ion Ratio Lower Upper
98 100
100 63.7 52.3 78.5



#51
4-Methyl-2-Pentanone
Concen: 0.514 ug/l
RT: 8.652 min Scan# 1241
Delta R.T. 0.072 min
Lab File: VX030830.D
Acq: 26 Aug 2022 17:25

Tgt Ion: 43 Resp: 1794
Ion Ratio Lower Upper
43 100
58 195.5 31.4 47.2#

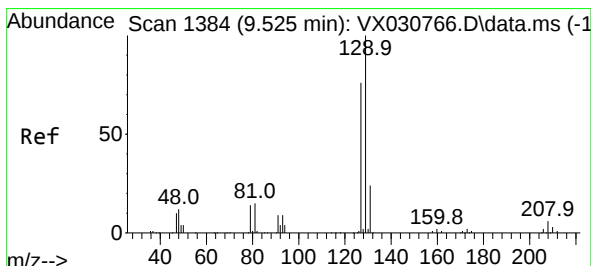
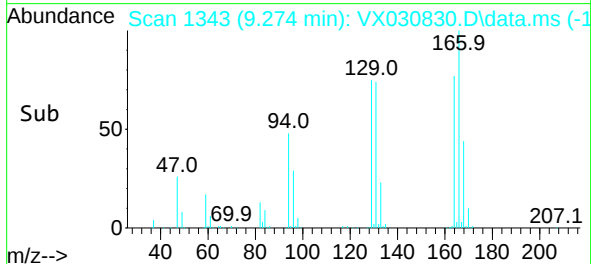
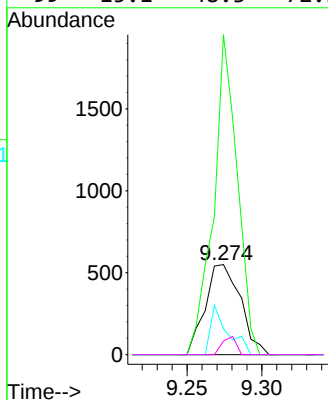
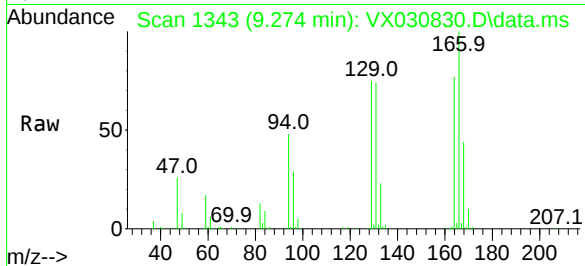




#55
 1,1,2-Trichloroethane
 Concen: 0.374 ug/l
 RT: 9.274 min Scan# 11
 Delta R.T. 0.121 min
 Lab File: VX030830.D
 Acq: 26 Aug 2022 17:25

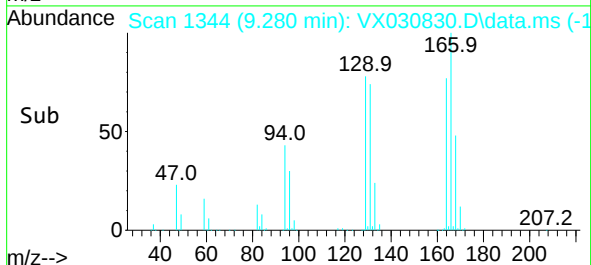
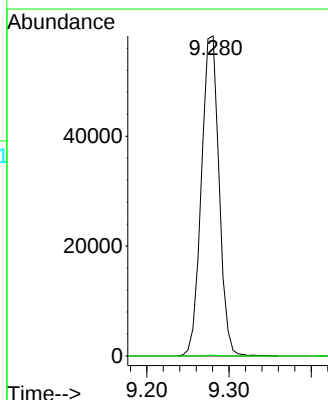
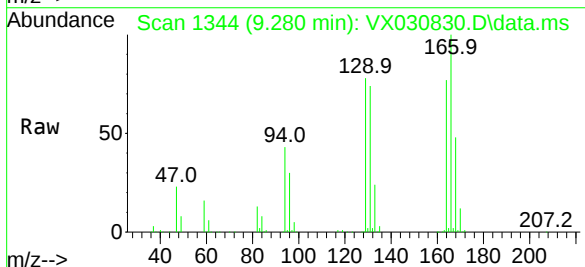
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-102I

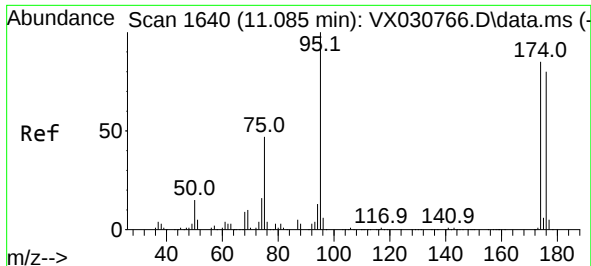
Tgt Ion: 97	Resp: 899
Ion Ratio	Lower Upper
97 100	
83 355.1	68.9 103.3#
85 28.9	44.0 66.0#
99 15.1	48.3 72.5#



#60
 Dibromochloromethane
 Concen: 34.659 ug/l
 RT: 9.280 min Scan# 1344
 Delta R.T. -0.245 min
 Lab File: VX030830.D
 Acq: 26 Aug 2022 17:25

Tgt Ion: 129	Resp: 86988
Ion Ratio	Lower Upper
129 100	
127 0.2	38.5 115.5#

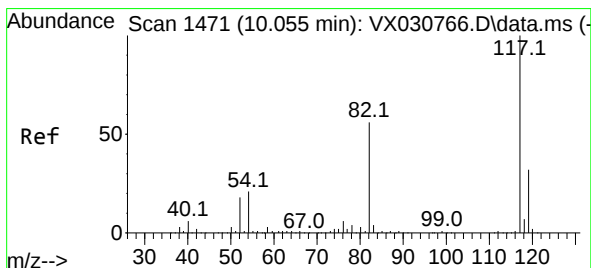
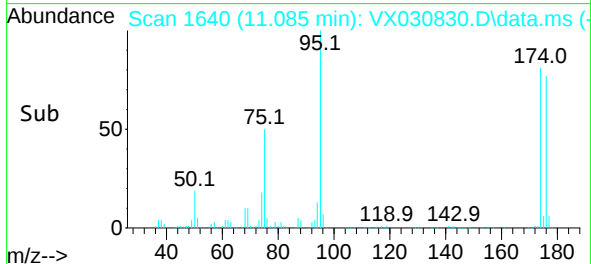
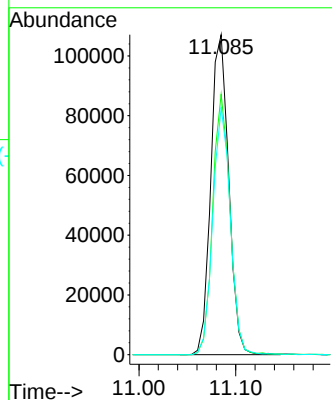
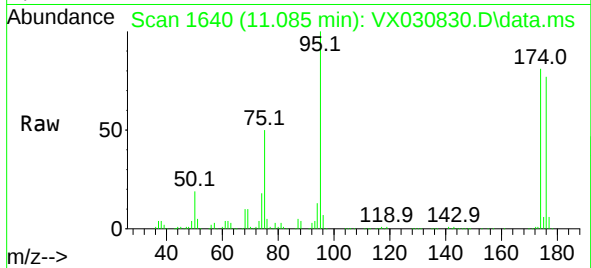




#62
4-Bromofluorobenzene
Concen: 49.919 ug/l
RT: 11.085 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX030830.D
Acq: 26 Aug 2022 17:25

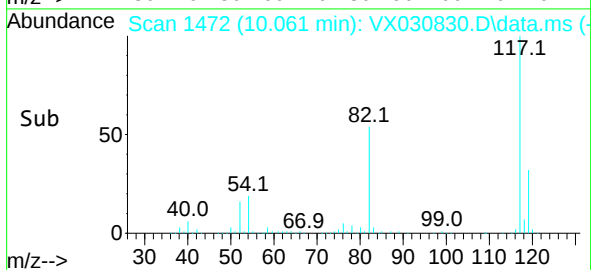
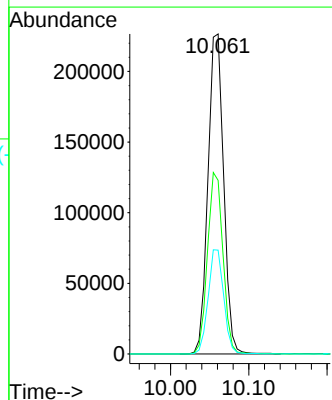
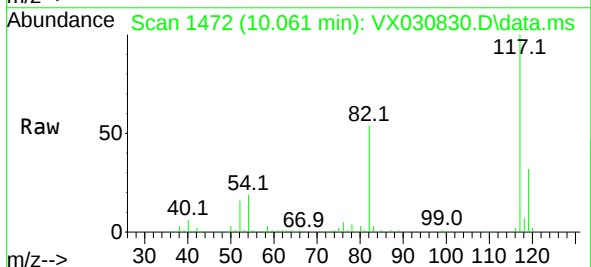
Instrument :
MSVOA_X
ClientSampleId :
MW-102I

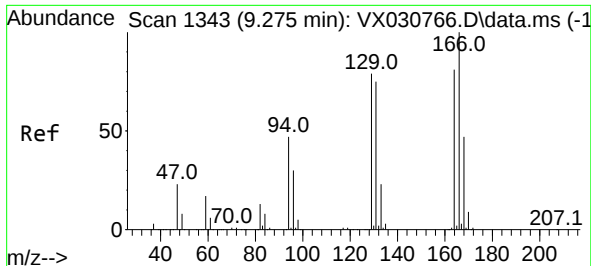
Tgt Ion: 95 Resp: 137930
Ion Ratio Lower Upper
95 100
174 78.8 0.0 149.0
176 75.9 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VX030830.D
Acq: 26 Aug 2022 17:25

Tgt Ion: 117 Resp: 314349
Ion Ratio Lower Upper
117 100
82 54.3 42.7 64.1
119 32.4 25.4 38.2

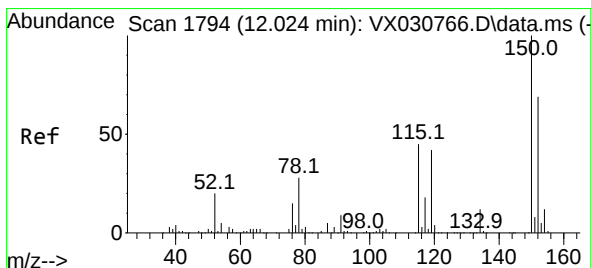
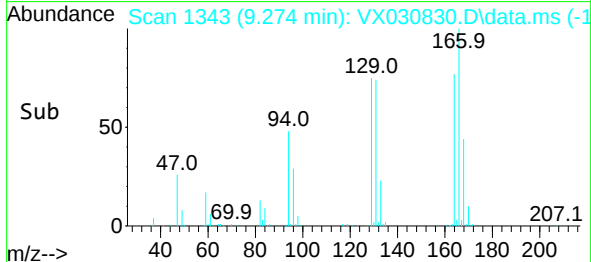
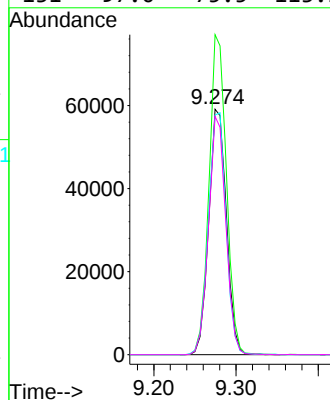
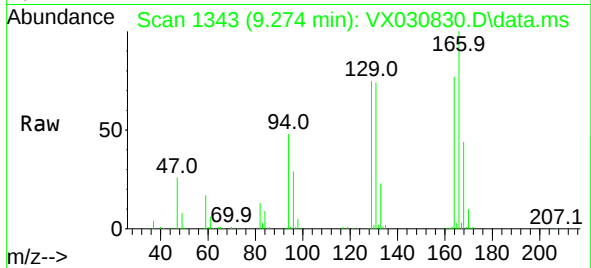




#64
Tetrachloroethene
Concen: 35.496 ug/l
RT: 9.274 min Scan# 11
Delta R.T. -0.001 min
Lab File: VX030830.D
Acq: 26 Aug 2022 17:25

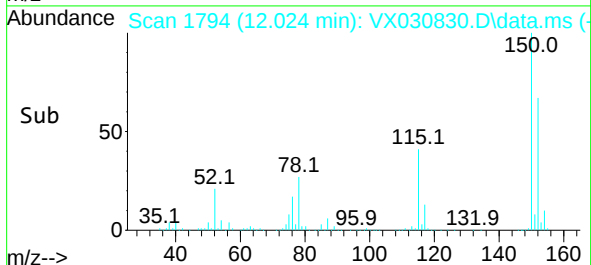
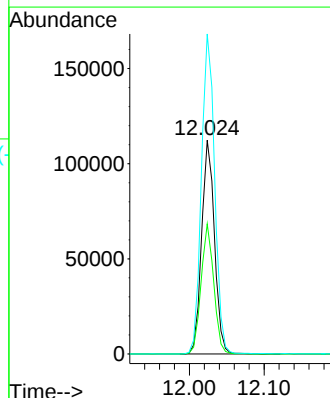
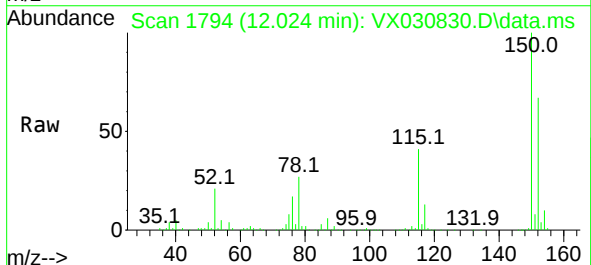
Instrument :
MSVOA_X
ClientSampleId :
MW-102I

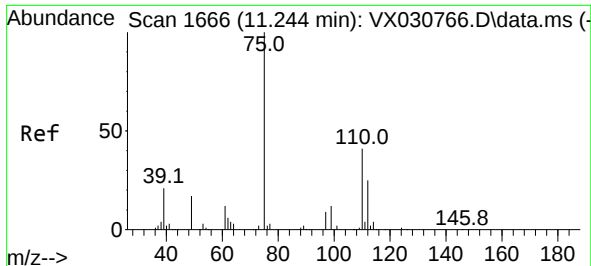
Tgt Ion:164	Resp:	87896
Ion	Ratio	Lower Upper
164	100	
166	130.3	98.2 147.4
129	97.6	80.8 121.2
131	97.0	75.5 113.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX030830.D
Acq: 26 Aug 2022 17:25

Tgt Ion:152	Resp:	133959
Ion	Ratio	Lower Upper
152	100	
115	59.8	40.5 121.5
150	154.4	0.0 347.0

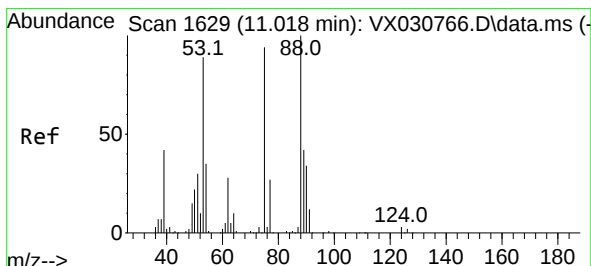
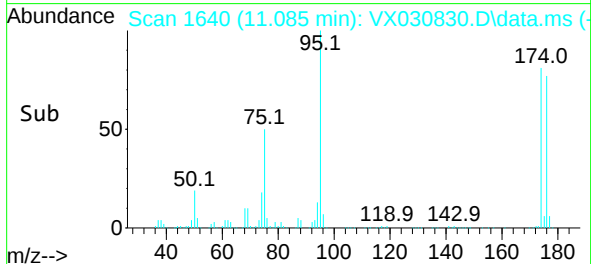
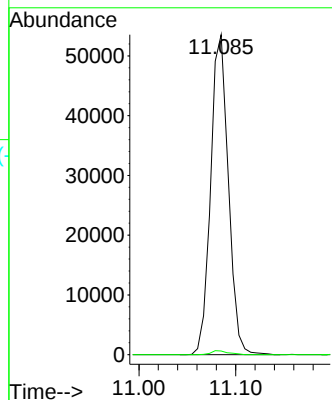
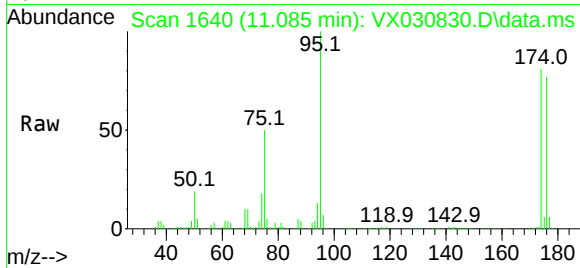




#76
1,2,3-Trichloropropane
Concen: 23.221 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX030830.D
Acq: 26 Aug 2022 17:25

Instrument :
MSVOA_X
ClientSampleId :
MW-102I

Tgt Ion: 75 Resp: 68151
Ion Ratio Lower Upper
75 100
77 1.2 19.8 59.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 74.921 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX030830.D
Acq: 26 Aug 2022 17:25

Tgt Ion: 75 Resp: 68151
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.0 34.8 52.2#

