

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042123\
 Data File : VX035232.D
 Acq On : 21 Apr 2023 15:39
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Apr 22 01:05:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 01 01:50:18 2023
 Response via : Initial Calibration

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

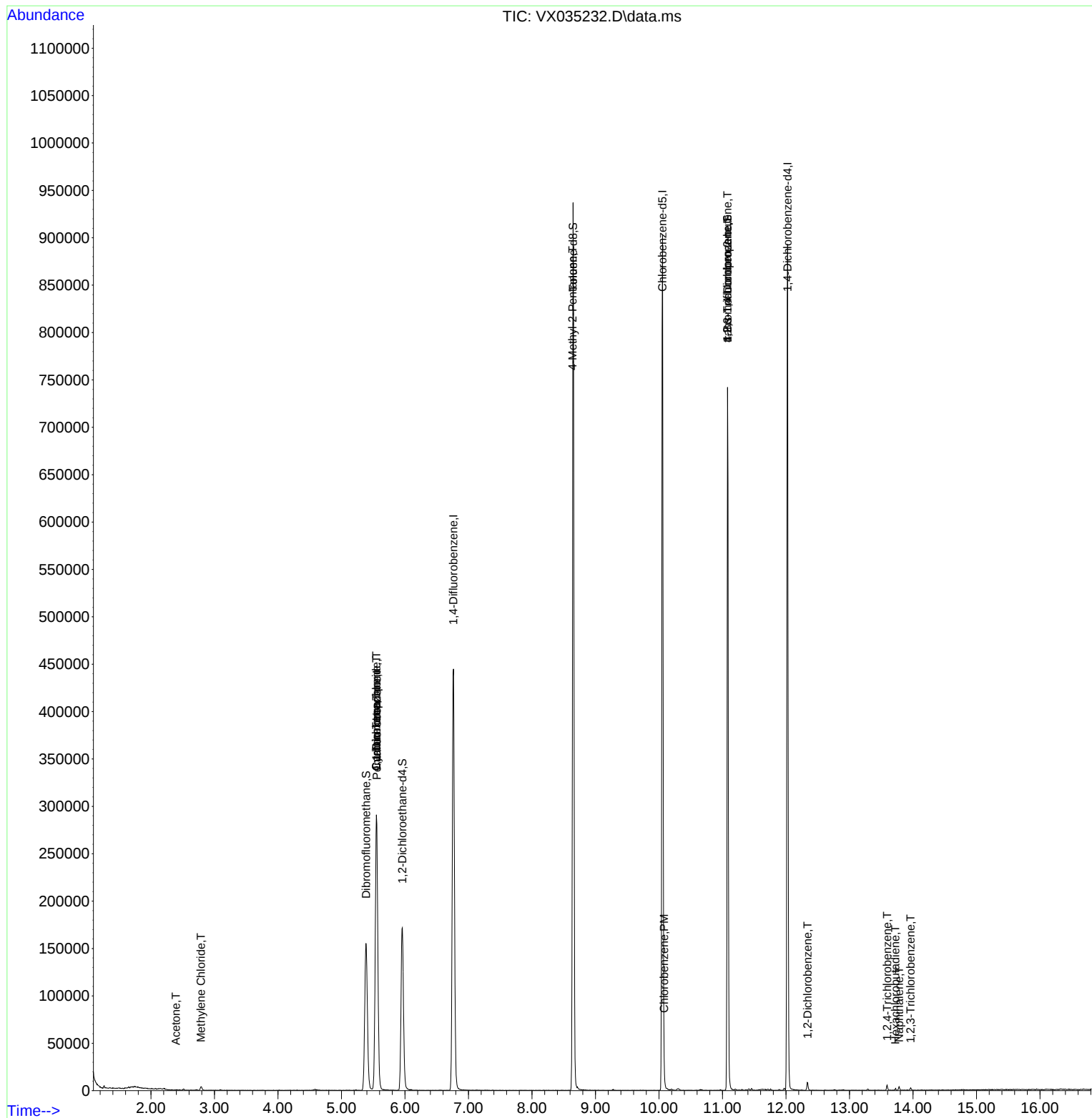
Internal Standards						
1) Pentafluorobenzene	5.556	168	279348	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	466820	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	415945	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	191804	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	169098	39.581	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	79.160%		
35) Dibromofluoromethane	5.385	113	139599	45.212	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.420%		
50) Toluene-d8	8.647	98	550555	48.308	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.620%		
62) 4-Bromofluorobenzene	11.079	95	202874	46.001	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.000%		
Target Compounds					Qvalue	
16) Acetone	2.392	43	523	0.301	ug/l #	44
20) Methylene Chloride	2.788	84	1877	0.548	ug/l #	84
31) Cyclohexane	5.550	56	5730	1.101	ug/l #	4
36) 1,1-Dichloropropene	5.550	75	20874	4.563	ug/l #	50
38) Carbon Tetrachloride	5.550	117	27733	6.430	ug/l #	17
51) 4-Methyl-2-Pentanone	8.641	43	1988	0.420	ug/l #	1
65) Chlorobenzene	10.080	112	3518	0.407	ug/l	91
76) 1,2,3-Trichloropropane	11.079	75	98405	25.462	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	98405	76.309	ug/l #	8
91) 1,2-Dichlorobenzene	12.341	146	2600	0.409	ug/l	93
93) 1,2,4-Trichlorobenzene	13.591	180	1702	0.474	ug/l	90
94) Hexachlorobutadiene	13.719	225	431	0.273	ug/l #	71
95) Naphthalene	13.780	128	2802	0.220	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	794	0.219	ug/l	99

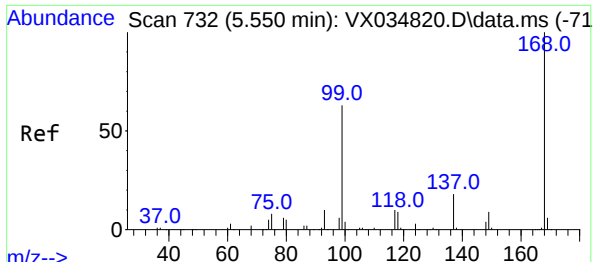
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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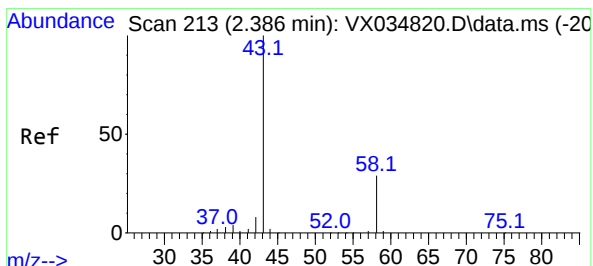
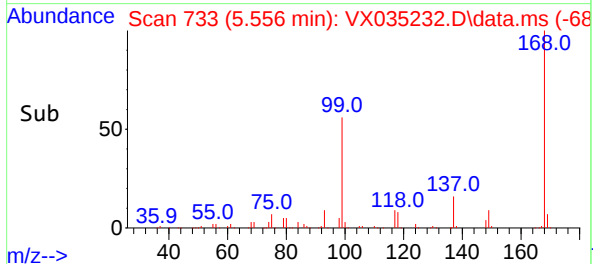
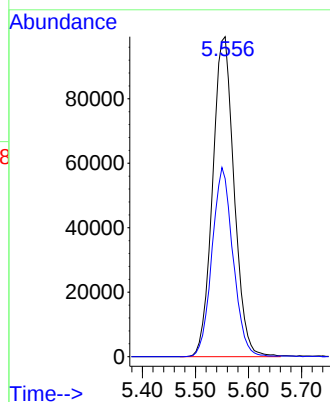
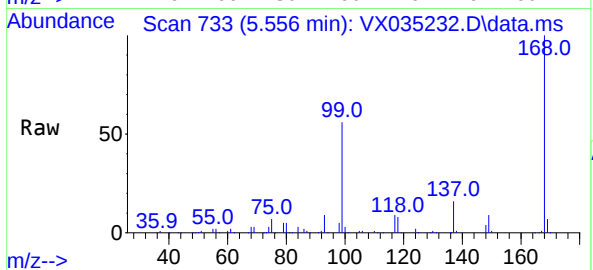




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX035232.D
Acq: 21 Apr 2023 15:39

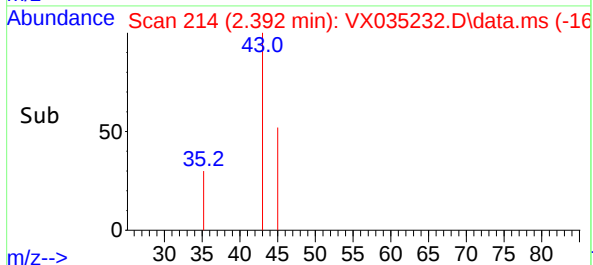
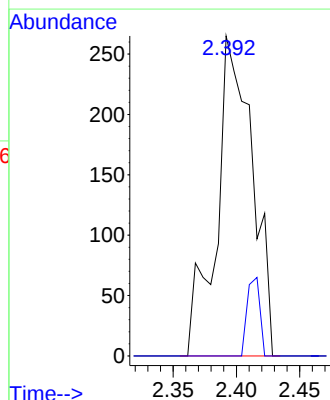
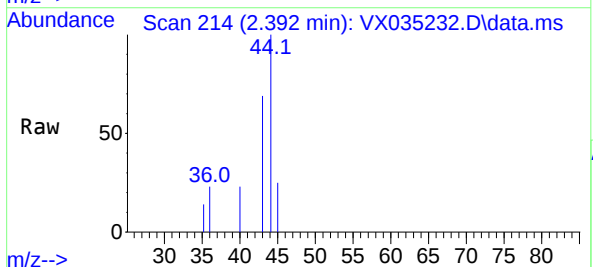
Instrument :
MSVOA_X
ClientSampleId :
IBLK

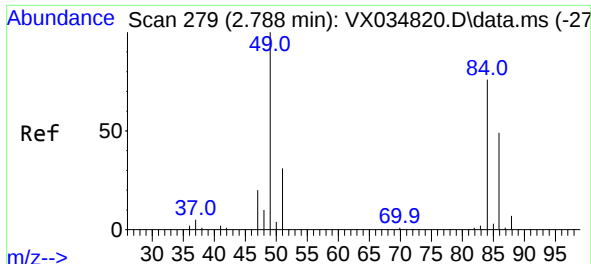
Tgt Ion:168 Resp: 279348
Ion Ratio Lower Upper
168 100
99 55.6 45.7 68.5



#16
Acetone
Concen: 0.301 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX035232.D
Acq: 21 Apr 2023 15:39

Tgt Ion: 43 Resp: 523
Ion Ratio Lower Upper
43 100
58 0.0 24.7 37.1#



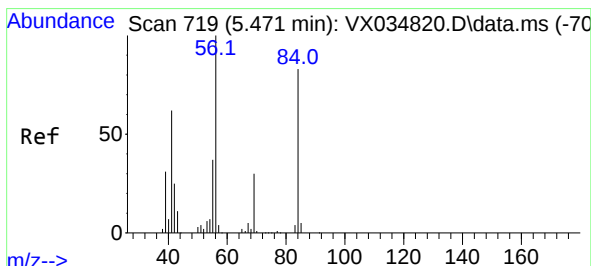
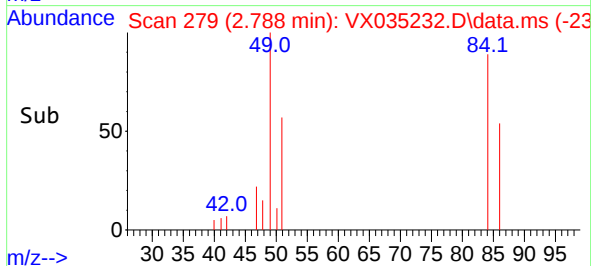
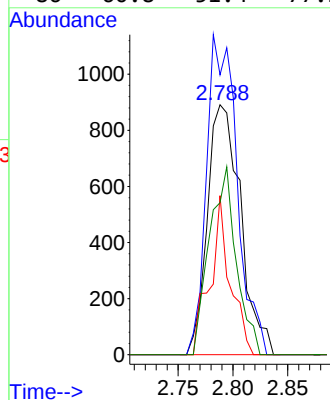
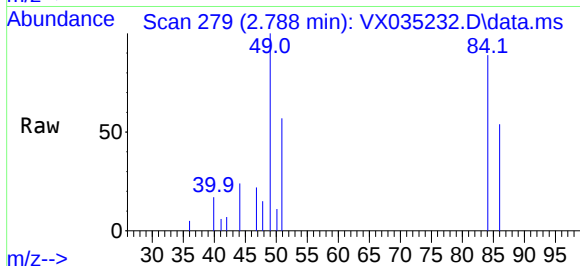


#20
Methylene Chloride
Concen: 0.548 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX035232.D
Acq: 21 Apr 2023 15:39

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion: 84 Resp: 1877

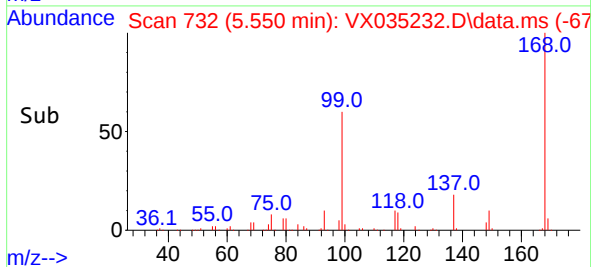
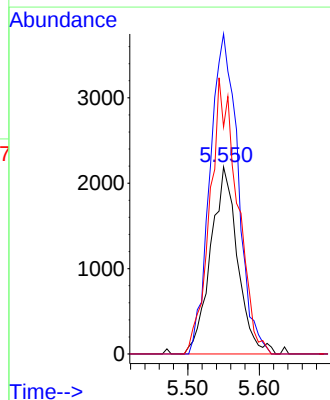
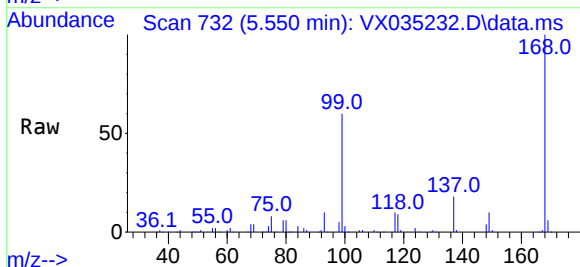
Ion	Ratio	Lower	Upper
84	100		
49	112.0	103.8	155.8
51	63.6	31.8	47.8#
86	60.8	51.4	77.2

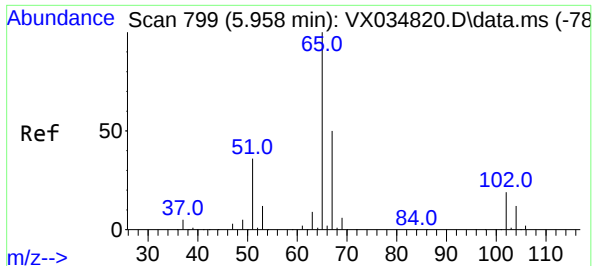


#31
Cyclohexane
Concen: 1.101 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX035232.D
Acq: 21 Apr 2023 15:39

Tgt Ion: 56 Resp: 5730

Ion	Ratio	Lower	Upper
56	100		
69	171.1	23.7	35.5#
84	121.4	68.5	102.7#





#33

1,2-Dichloroethane-d4

Concen: 39.581 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX035232.D

Acq: 21 Apr 2023 15:39

Instrument :

MSVOA_X

ClientSampleId :

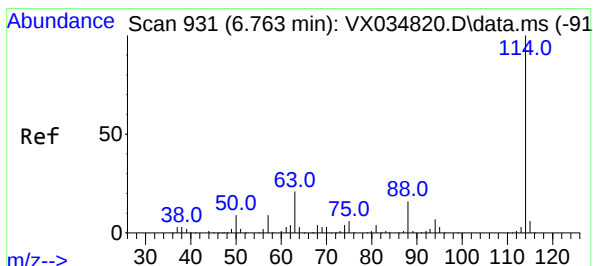
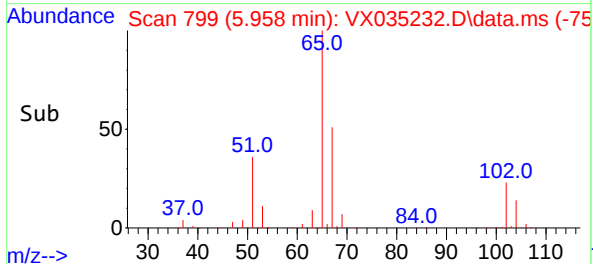
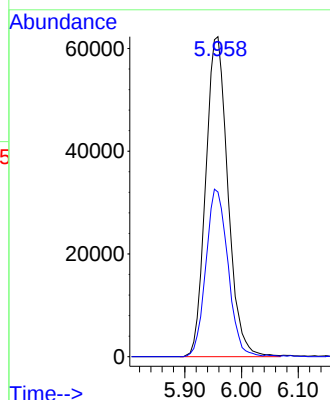
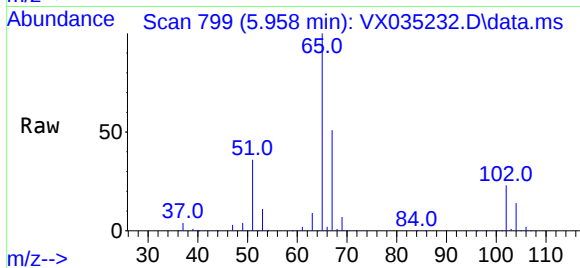
IBLK

Tgt Ion: 65 Resp: 169098

Ion Ratio Lower Upper

65 100

67 52.0 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX035232.D

Acq: 21 Apr 2023 15:39

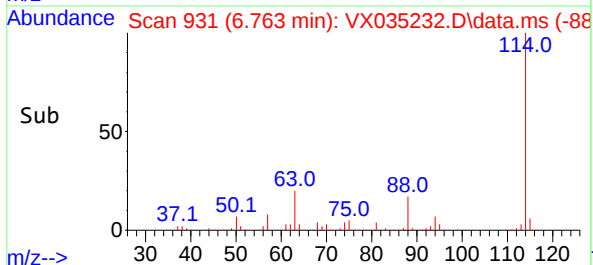
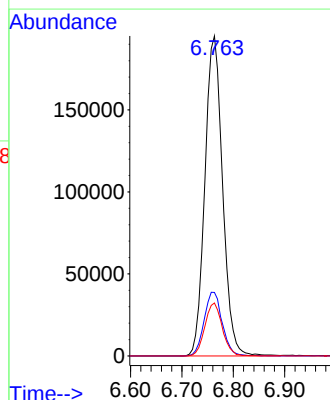
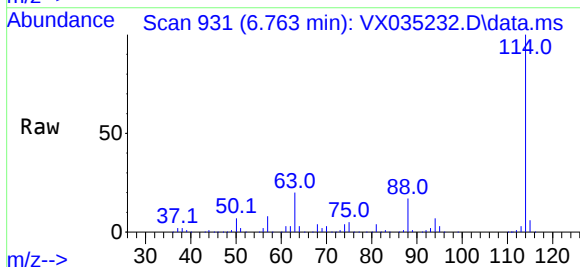
Tgt Ion: 114 Resp: 466820

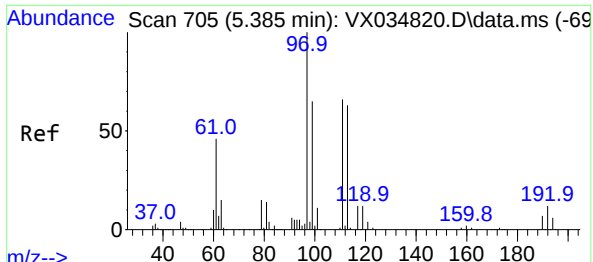
Ion Ratio Lower Upper

114 100

63 19.9 0.0 42.2

88 16.6 0.0 33.2

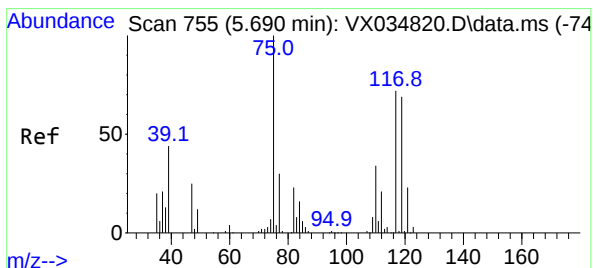
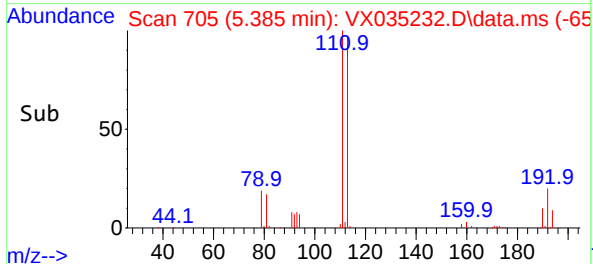
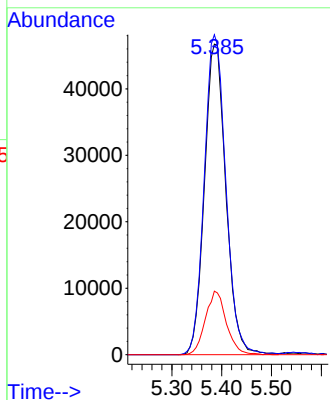
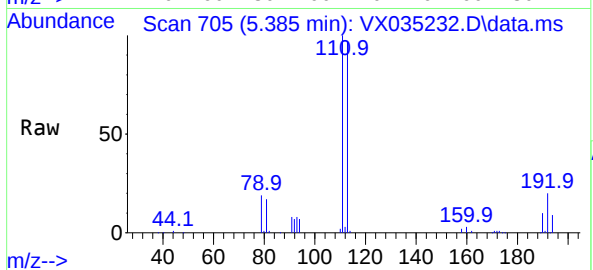




#35
Dibromofluoromethane
Concen: 45.212 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035232.D
Acq: 21 Apr 2023 15:39

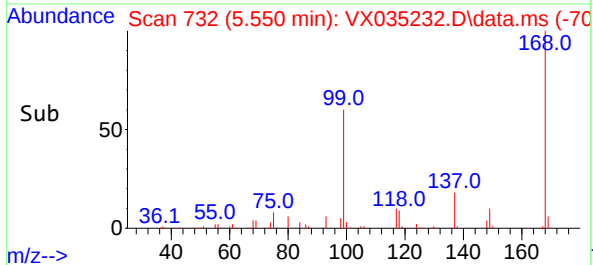
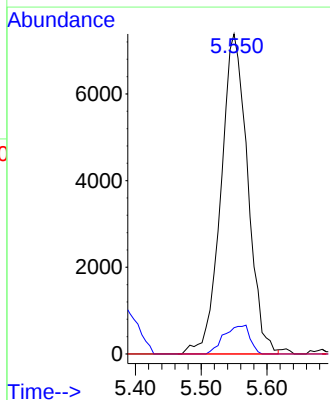
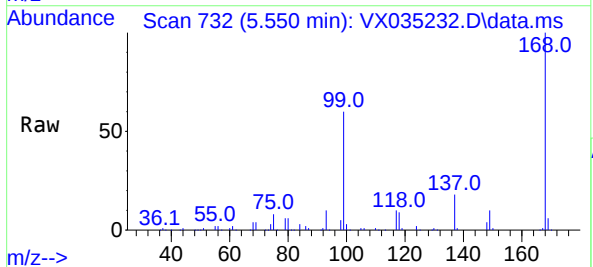
Instrument :
MSVOA_X
ClientSampleId :
IBLK

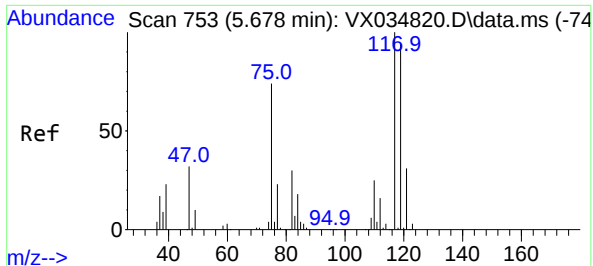
Tgt Ion:113 Resp: 139599
Ion Ratio Lower Upper
113 100
111 103.7 83.7 125.5
192 19.9 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.563 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX035232.D
Acq: 21 Apr 2023 15:39

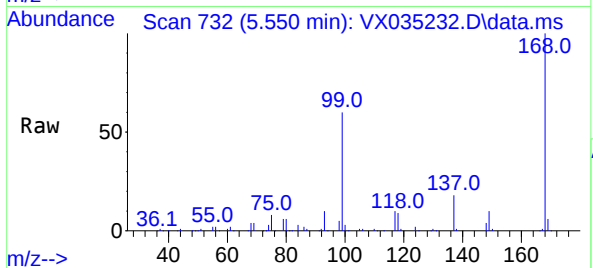
Tgt Ion: 75 Resp: 20874
Ion Ratio Lower Upper
75 100
110 8.6 17.5 52.5#
77 0.0 24.3 36.5#



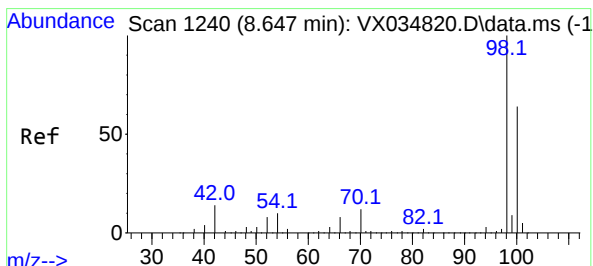
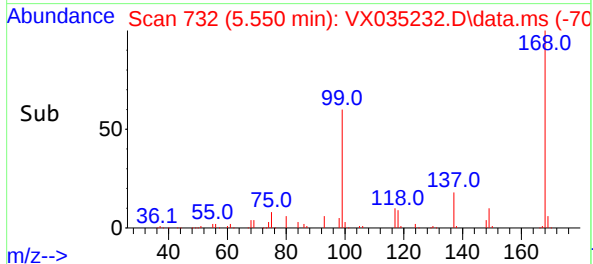
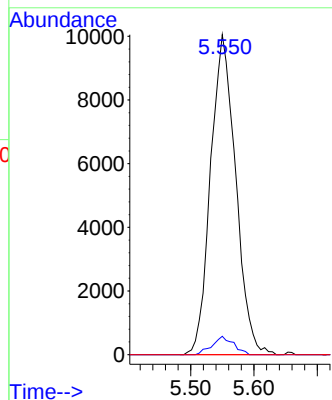


#38
Carbon Tetrachloride
Concen: 6.430 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX035232.D
Acq: 21 Apr 2023 15:39

Instrument :
MSVOA_X
ClientSampleId :
IBLK

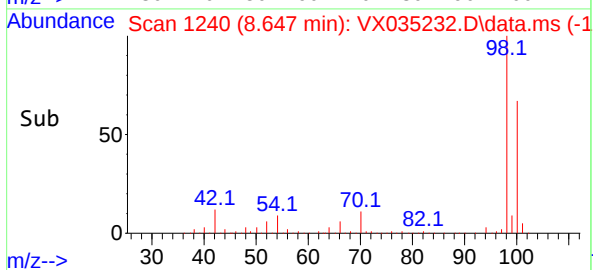
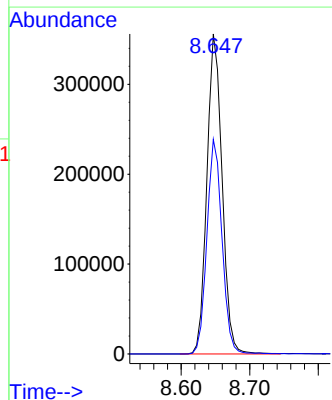
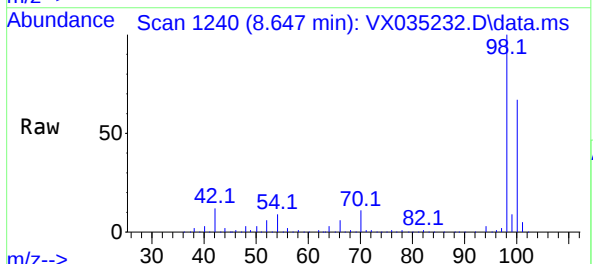


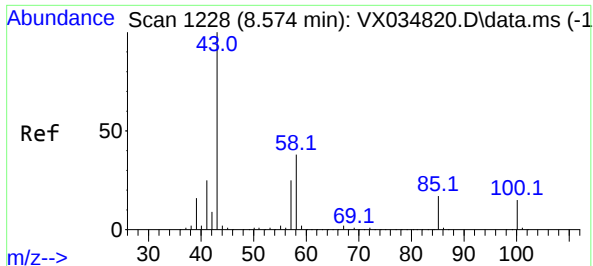
Tgt Ion:117 Resp: 27733
Ion Ratio Lower Upper
117 100
119 5.8 76.6 114.8#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 48.308 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX035232.D
Acq: 21 Apr 2023 15:39

Tgt Ion: 98 Resp: 550555
Ion Ratio Lower Upper
98 100
100 66.8 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 0.420 ug/l

RT: 8.641 min Scan# 1239

Delta R.T. 0.067 min

Lab File: VX035232.D

Acq: 21 Apr 2023 15:39

Instrument :

MSVOA_X

ClientSampleId :

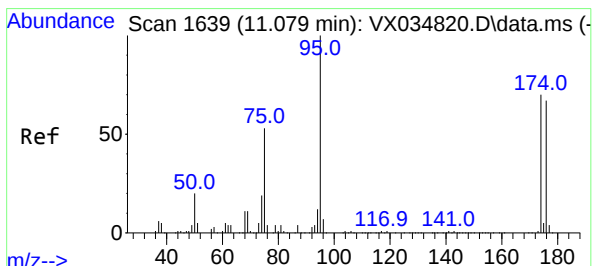
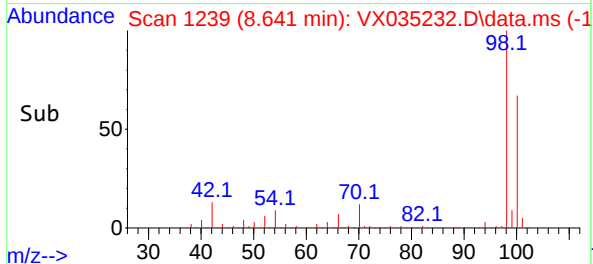
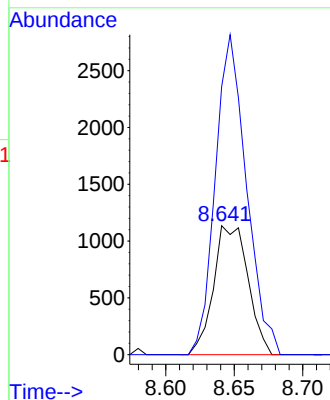
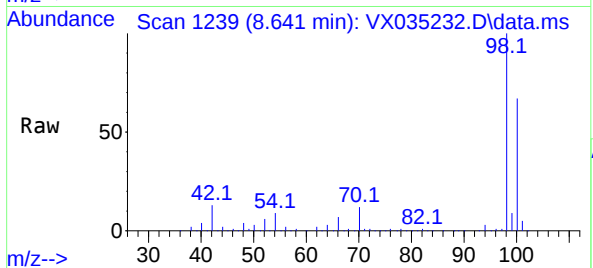
IBLK

Tgt Ion: 43 Resp: 1988

Ion Ratio Lower Upper

43 100

58 223.7 30.6 46.0#



#62

4-Bromofluorobenzene

Concen: 46.001 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX035232.D

Acq: 21 Apr 2023 15:39

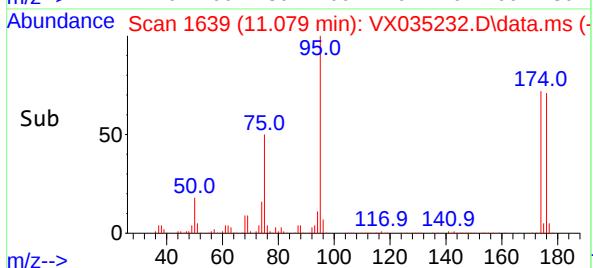
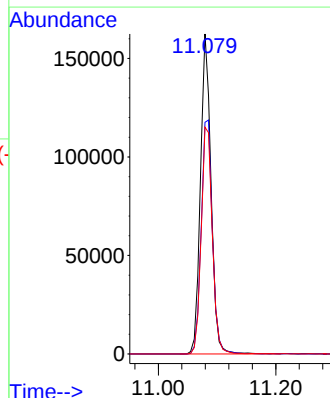
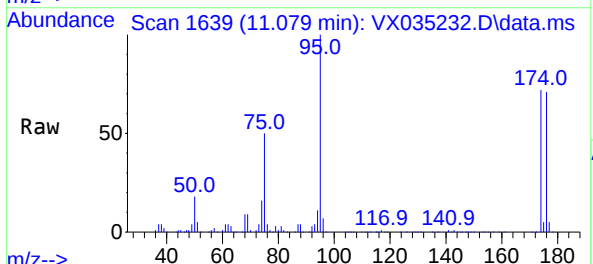
Tgt Ion: 95 Resp: 202874

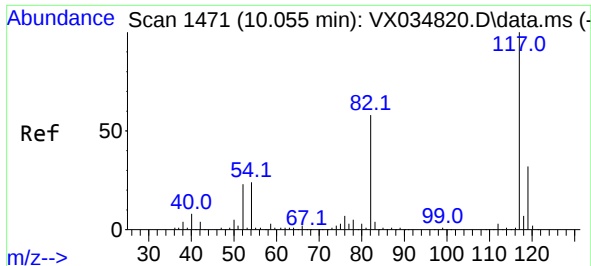
Ion Ratio Lower Upper

95 100

174 77.6 0.0 147.4

176 74.8 0.0 140.6

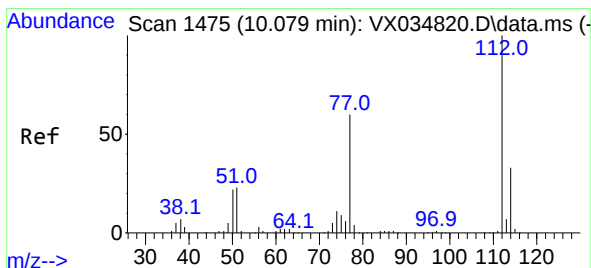
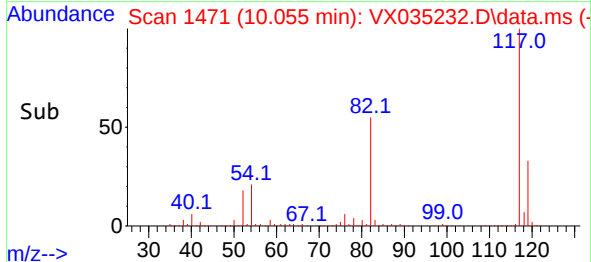
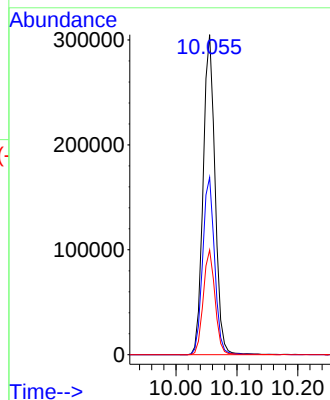
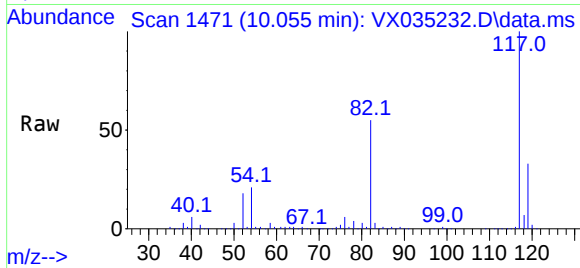




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035232.D
Acq: 21 Apr 2023 15:39

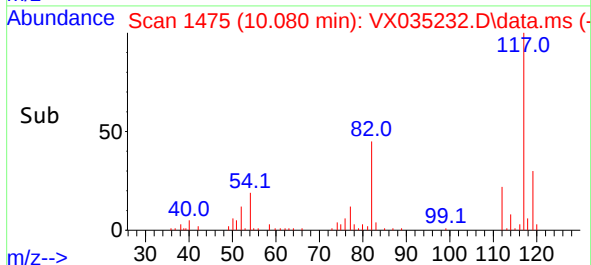
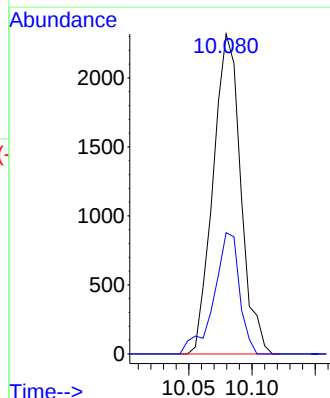
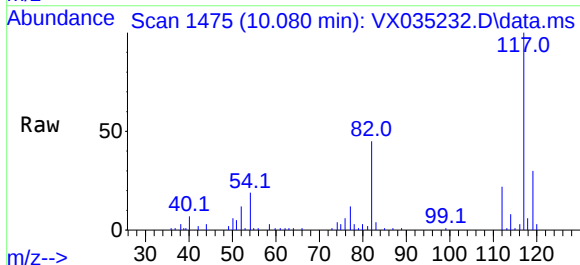
Instrument :
MSVOA_X
ClientSampleId :
IBLK

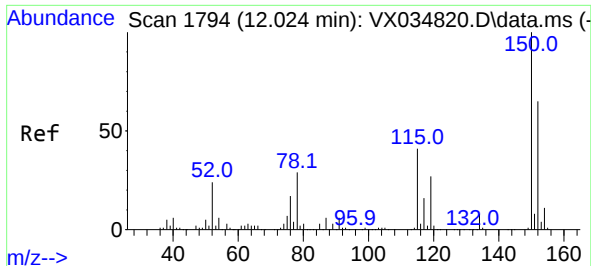
Tgt Ion:117 Resp: 415945
Ion Ratio Lower Upper
117 100
82 55.4 45.0 67.4
119 32.7 26.0 39.0



#65
Chlorobenzene
Concen: 0.407 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX035232.D
Acq: 21 Apr 2023 15:39

Tgt Ion:112 Resp: 3518
Ion Ratio Lower Upper
112 100
114 37.9 26.2 39.2

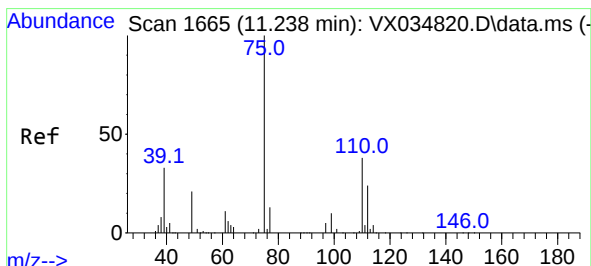
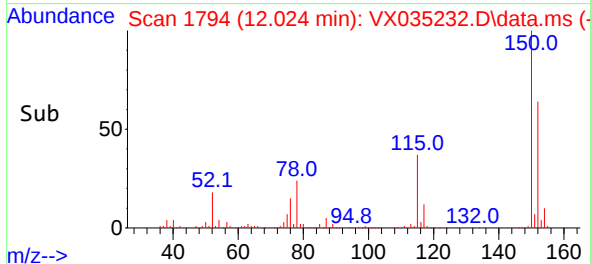
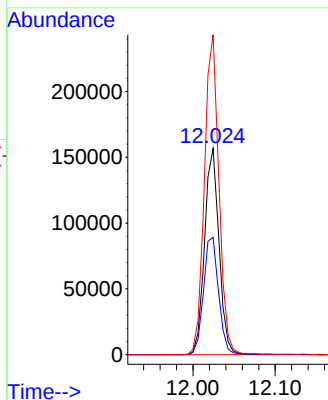
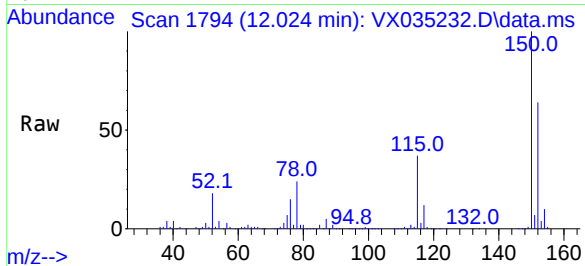




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX035232.D
Acq: 21 Apr 2023 15:39

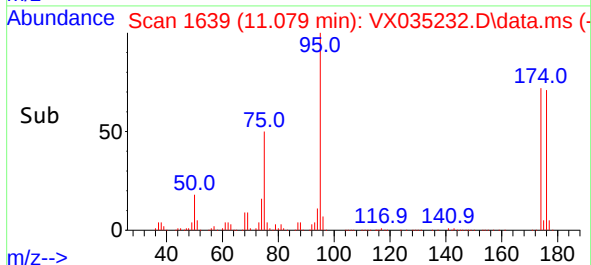
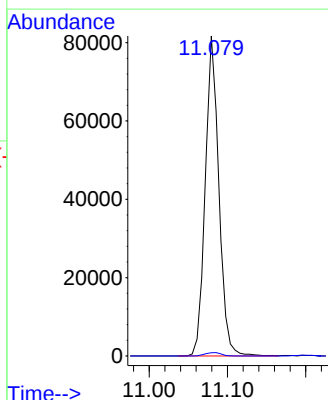
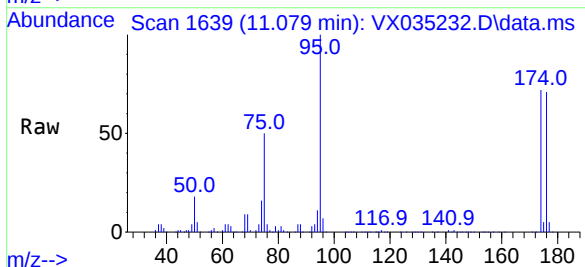
Instrument :
MSVOA_X
ClientSampleId :
IBLK

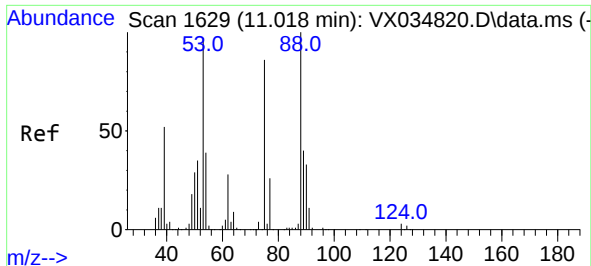
Tgt Ion:152 Resp: 191804
Ion Ratio Lower Upper
152 100
115 59.7 45.0 135.0
150 155.8 0.0 352.4



#76
1,2,3-Trichloropropane
Concen: 25.462 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX035232.D
Acq: 21 Apr 2023 15:39

Tgt Ion: 75 Resp: 98405
Ion Ratio Lower Upper
75 100
77 1.3 21.6 64.8#

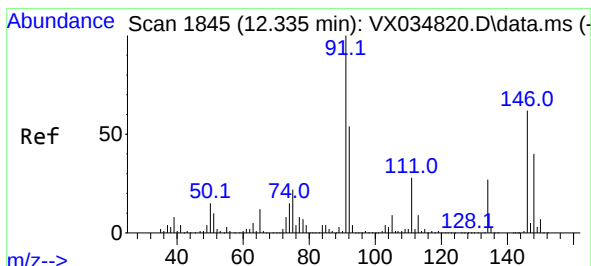
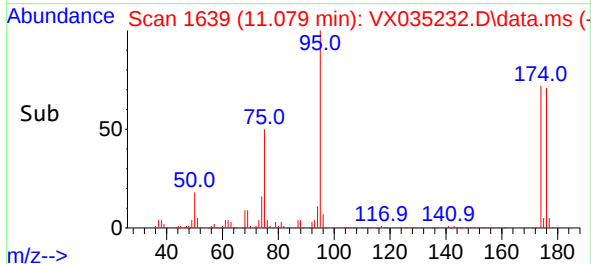
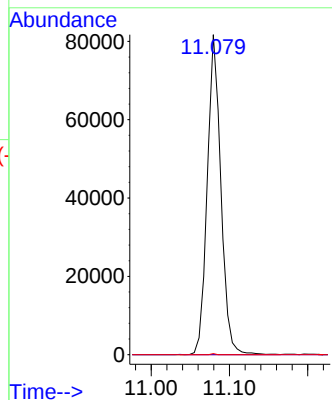
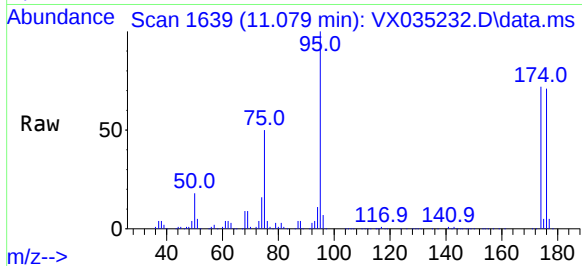




#81
trans-1,4-Dichloro-2-butene
Concen: 76.309 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX035232.D
Acq: 21 Apr 2023 15:39

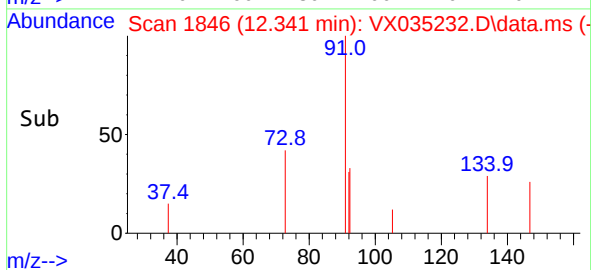
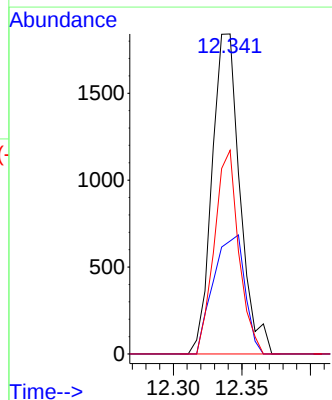
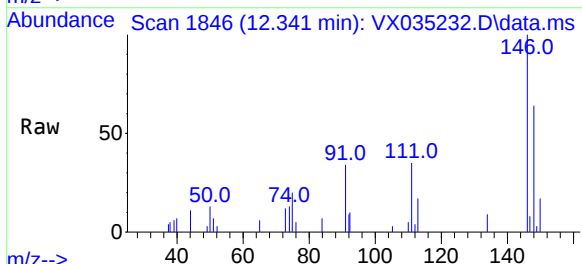
Instrument :
MSVOA_X
ClientSampleId :
IBLK

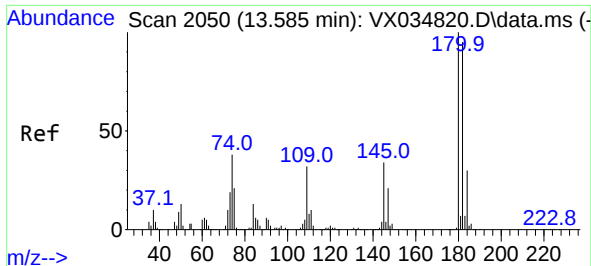
Tgt Ion: 75 Resp: 98405
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.1 36.9 55.3#



#91
1,2-Dichlorobenzene
Concen: 0.409 ug/l
RT: 12.341 min Scan# 1846
Delta R.T. 0.006 min
Lab File: VX035232.D
Acq: 21 Apr 2023 15:39

Tgt Ion:146 Resp: 2600
Ion Ratio Lower Upper
146 100
111 42.0 22.0 66.0
148 56.0 32.0 96.0

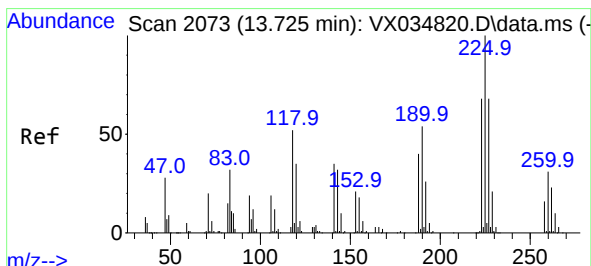
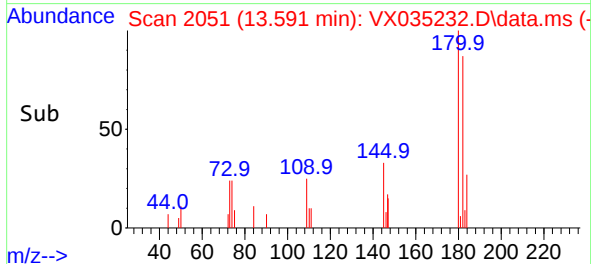
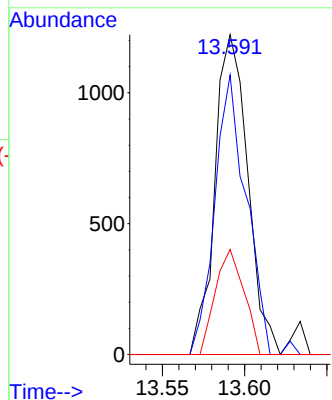
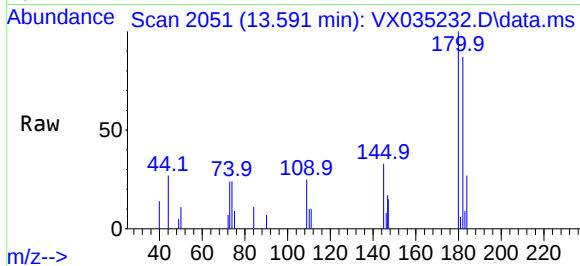




#93
1,2,4-Trichlorobenzene
Concen: 0.474 ug/l
RT: 13.591 min Scan# 2050
Delta R.T. 0.006 min
Lab File: VX035232.D
Acq: 21 Apr 2023 15:39

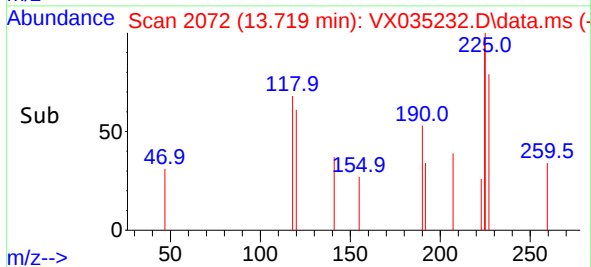
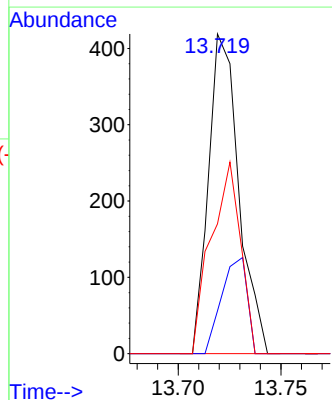
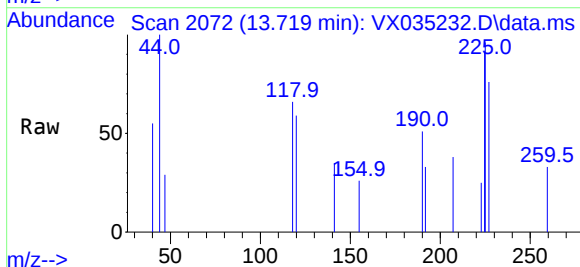
Instrument :
MSVOA_X
ClientSampleId :
IBLK

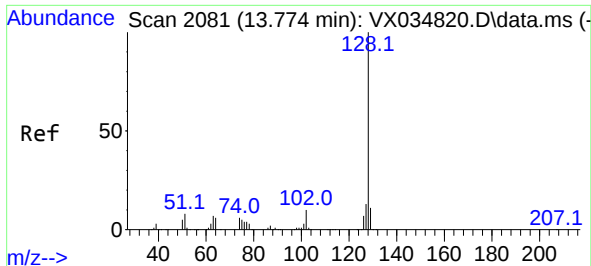
Tgt Ion:180 Resp: 1702
Ion Ratio Lower Upper
180 100
182 83.1 47.0 141.0
145 28.6 15.9 47.7



#94
Hexachlorobutadiene
Concen: 0.273 ug/l
RT: 13.719 min Scan# 2072
Delta R.T. -0.006 min
Lab File: VX035232.D
Acq: 21 Apr 2023 15:39

Tgt Ion:225 Resp: 431
Ion Ratio Lower Upper
225 100
223 25.1 32.1 96.5#
227 58.0 31.8 95.4

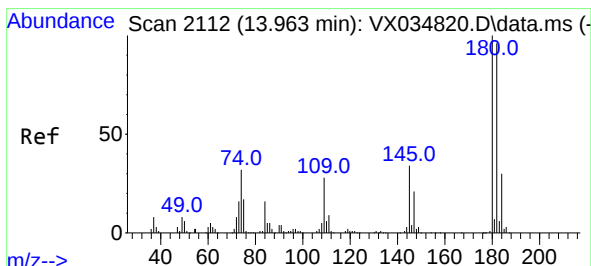
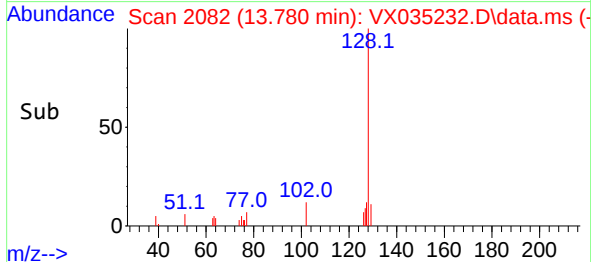
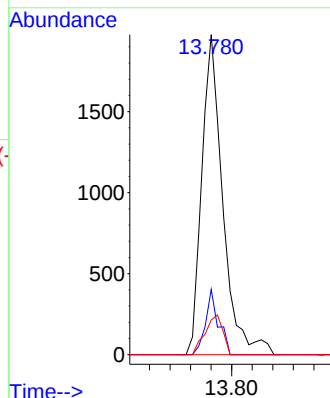
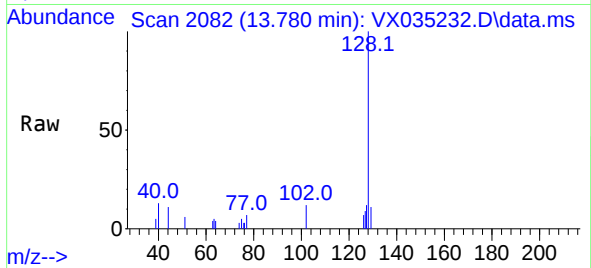




#95
Naphthalene
Concen: 0.220 ug/l
RT: 13.780 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VX035232.D
Acq: 21 Apr 2023 15:39

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:128	Resp:	2802
Ion Ratio	Lower	Upper
128	100	
127	12.7	10.2 15.4
129	10.5	8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 0.219 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX035232.D
Acq: 21 Apr 2023 15:39

Tgt Ion:180	Resp:	794
Ion Ratio	Lower	Upper
180	100	
182	97.5	48.0 144.2
145	34.5	17.7 53.1

