

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022223\
 Data File : VX034230.D
 Acq On : 22 Feb 2023 15:45
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Feb 23 01:31:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 17 12:33:35 2023
 Response via : Initial Calibration

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

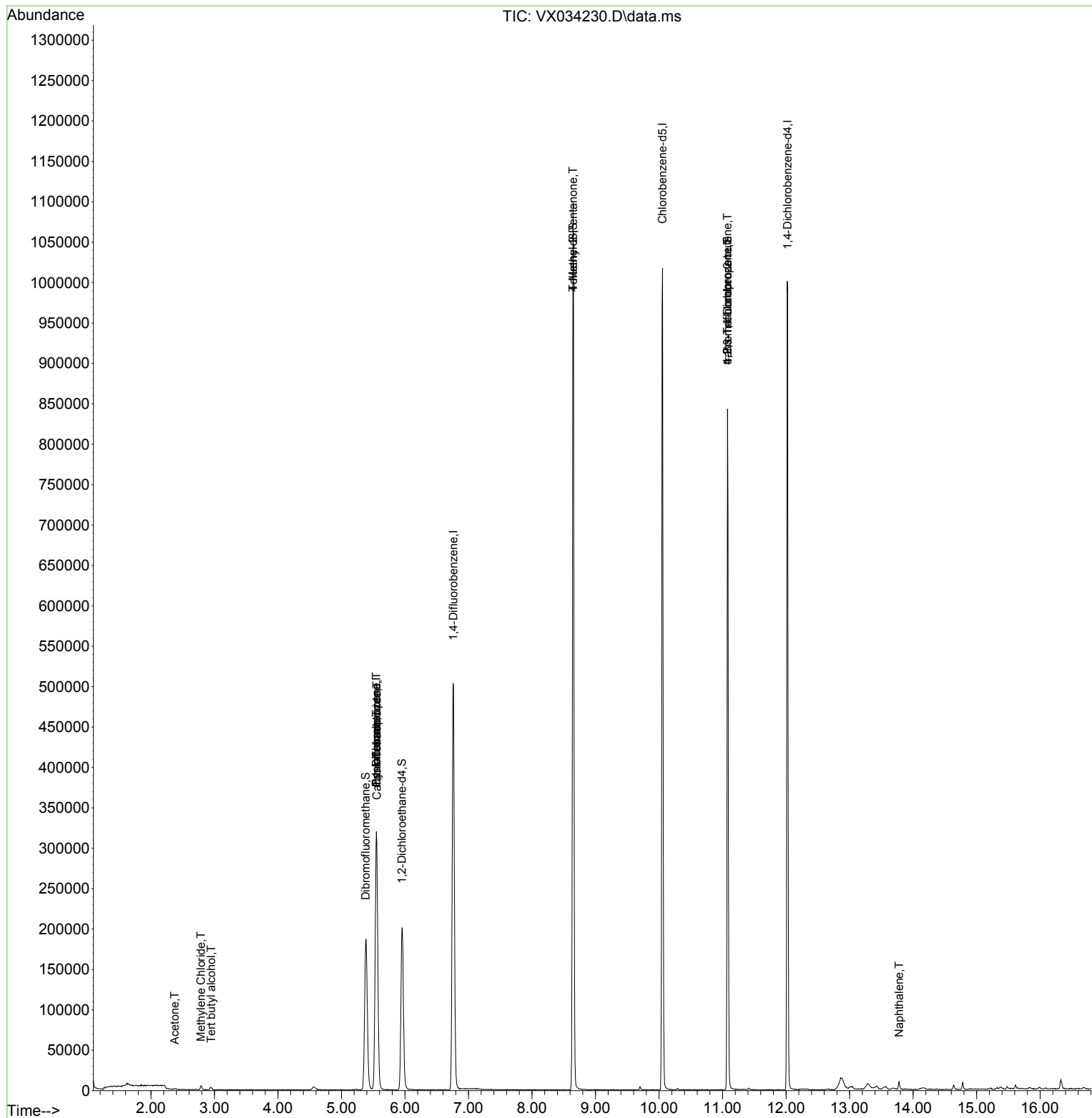
Internal Standards						
1) Pentafluorobenzene	5.550	168	322855	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	534229	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	476873	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	217172	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	189895	43.673	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	87.340%
35) Dibromofluoromethane	5.379	113	164624	47.328	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.660%
50) Toluene-d8	8.647	98	639062	51.172	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	102.340%
62) 4-Bromofluorobenzene	11.079	95	221031	46.271	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.540%
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	193	Below Cal		85
11) Tert butyl alcohol	2.947	59	1934	1.989	ug/l #	95
16) Acetone	2.373	43	730	0.325	ug/l	96
20) Methylene Chloride	2.788	84	2328	0.576	ug/l #	85
31) Cyclohexane	5.550	56	6627	1.021	ug/l #	3
36) 1,1-Dichloropropene	5.550	75	23671	4.602	ug/l #	49
38) Carbon Tetrachloride	5.556	117	30564	5.774	ug/l #	14
51) 4-Methyl-2-Pentanone	8.647	43	3231	0.579	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	109445	20.028	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	109445	51.450	ug/l #	8
95) Naphthalene	13.780	128	7748	0.490	ug/l	97

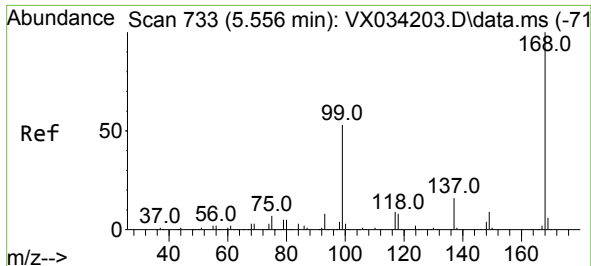
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022223\
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IBLK

Quant Time: Feb 23 01:31:03 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021723W.M
Quant Title : SW846 8260
QLast Update : Fri Feb 17 12:33:35 2023
Response via : Initial Calibration

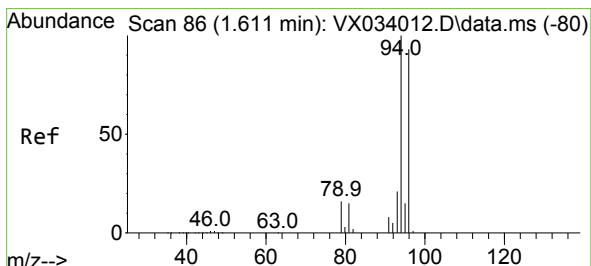
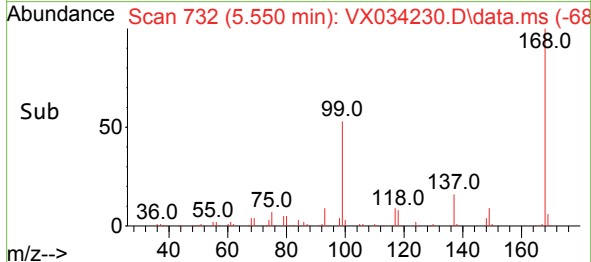
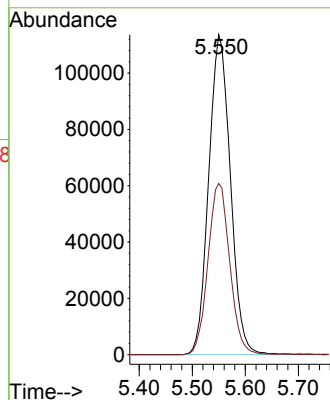
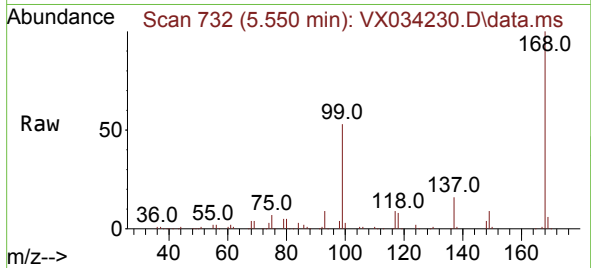




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX034230.D
Acq: 22 Feb 2023 15:45

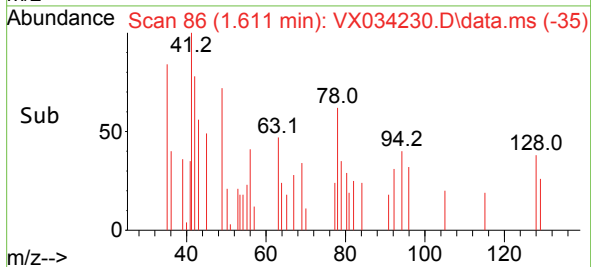
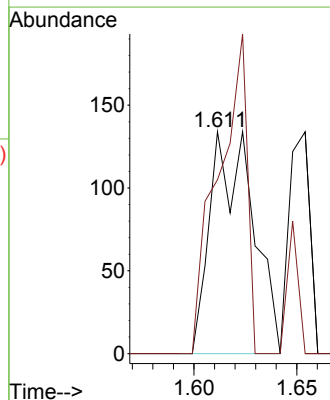
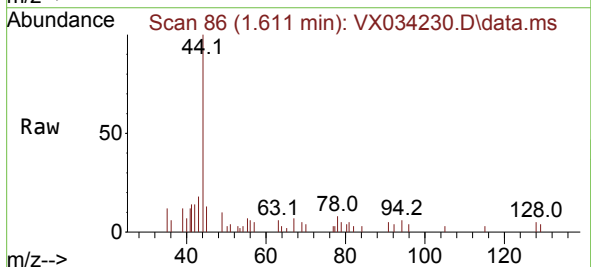
Instrument :
MSVOA_X
ClientSampleId :
IBLK

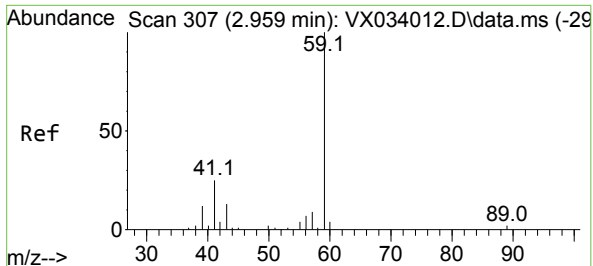
Tgt Ion:168 Resp: 322855
Ion Ratio Lower Upper
168 100
99 53.5 39.6 59.4



#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX034230.D
Acq: 22 Feb 2023 15:45

Tgt Ion: 94 Resp: 193
Ion Ratio Lower Upper
94 100
96 78.4 74.3 111.5





#11

Tert butyl alcohol

Concen: 1.989 ug/l

RT: 2.947 min Scan# 307

Delta R.T. -0.006 min

Lab File: VX034230.D

Acq: 22 Feb 2023 15:45

Instrument :

MSVOA_X

ClientSampleId :

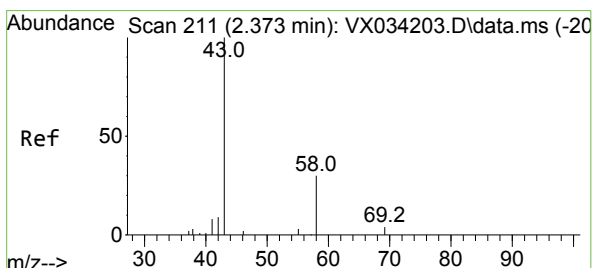
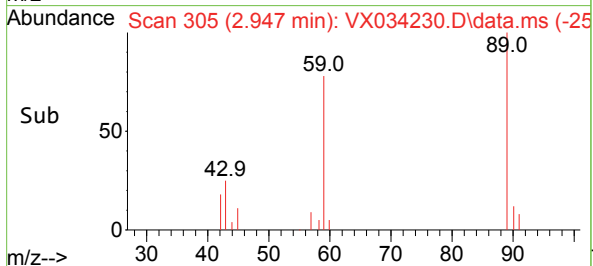
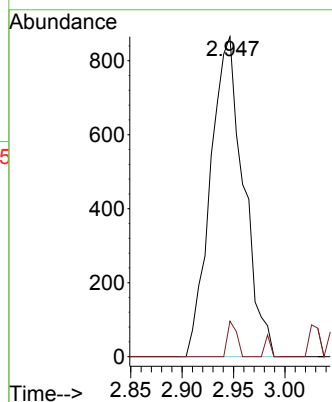
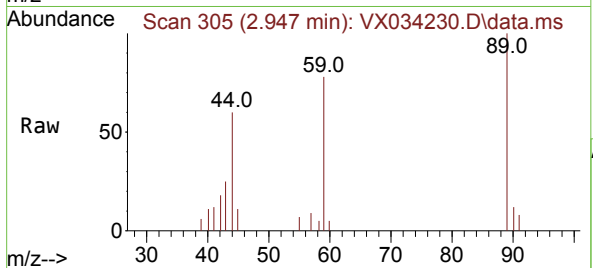
IBLK

Tgt Ion: 59 Resp: 1934

Ion Ratio Lower Upper

59 100

57 3.1 3.7 5.5#



#16

Acetone

Concen: 0.325 ug/l

RT: 2.373 min Scan# 211

Delta R.T. 0.000 min

Lab File: VX034230.D

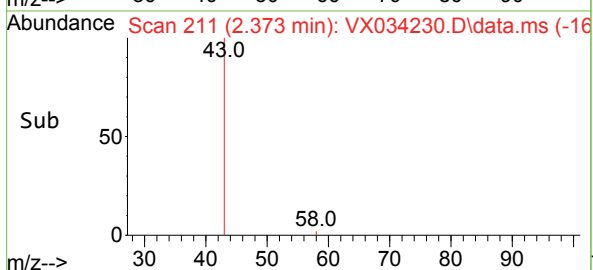
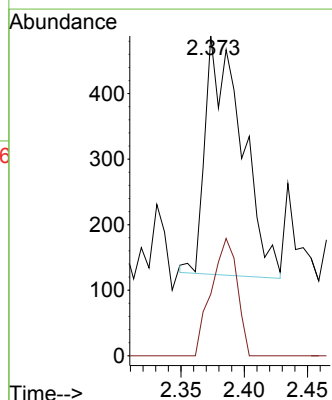
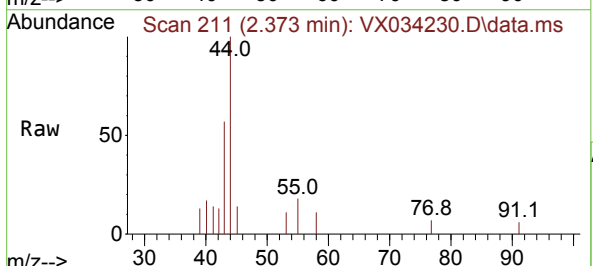
Acq: 22 Feb 2023 15:45

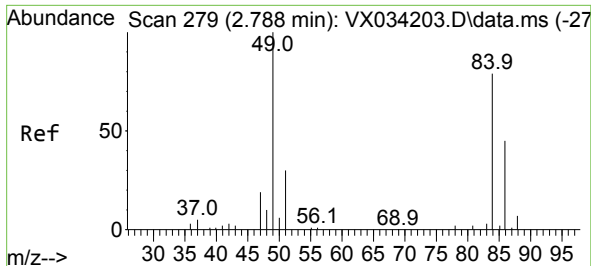
Tgt Ion: 43 Resp: 730

Ion Ratio Lower Upper

43 100

58 26.0 22.6 33.8

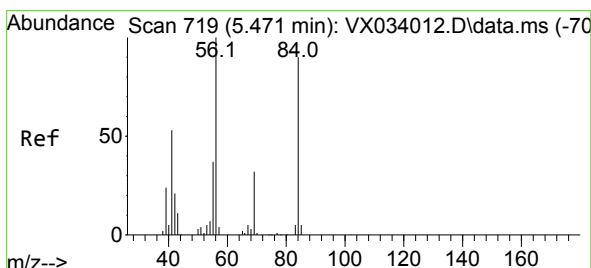
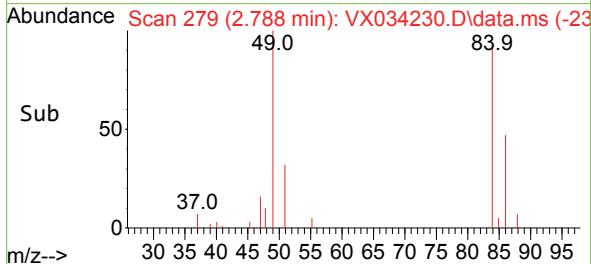
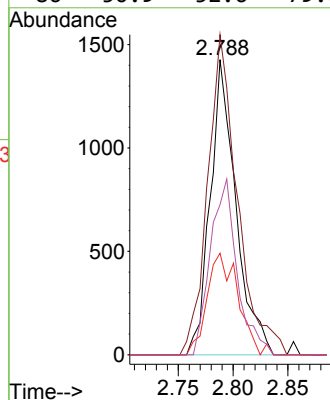
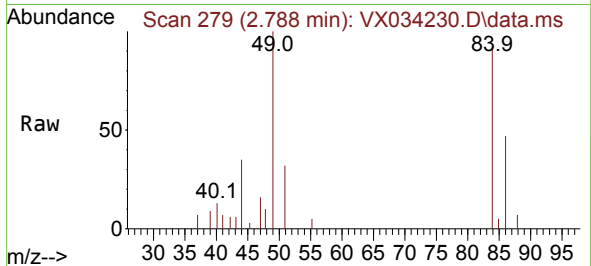




#20
Methylene Chloride
Concen: 0.576 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX034230.D
Acq: 22 Feb 2023 15:45

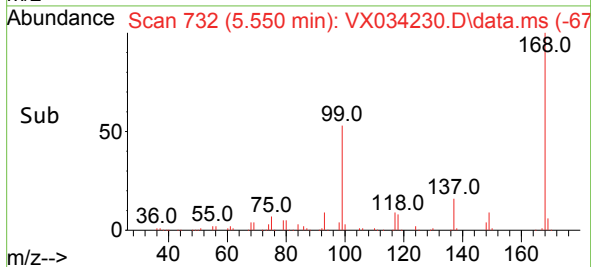
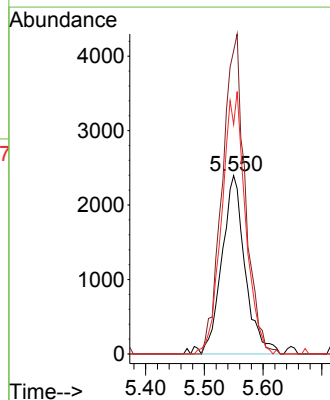
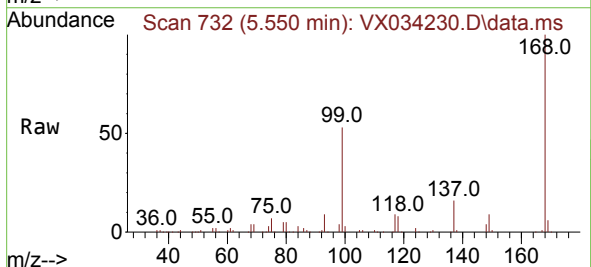
Instrument :
MSVOA_X
ClientSampleId :
IBLK

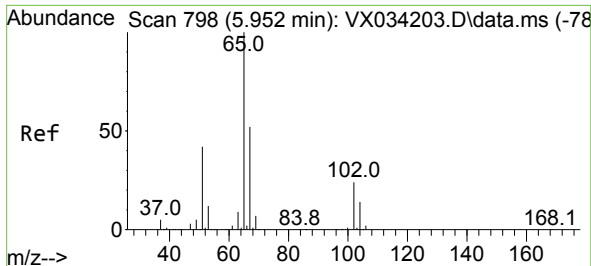
Tgt Ion:	84	Resp:	2328
Ion	Ratio	Lower	Upper
84	100		
49	108.5	101.1	151.7
51	34.4	31.0	46.6
86	50.9	52.6	79.0#



#31
Cyclohexane
Concen: 1.021 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX034230.D
Acq: 22 Feb 2023 15:45

Tgt Ion:	56	Resp:	6627
Ion	Ratio	Lower	Upper
56	100		
69	169.9	24.6	37.0#
84	128.7	71.0	106.6#

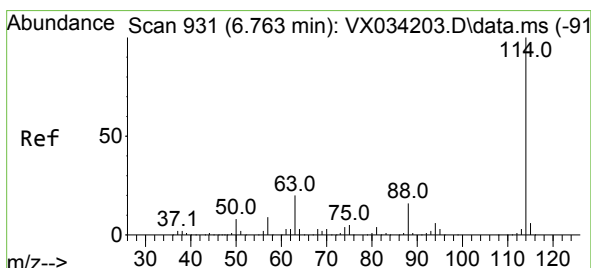
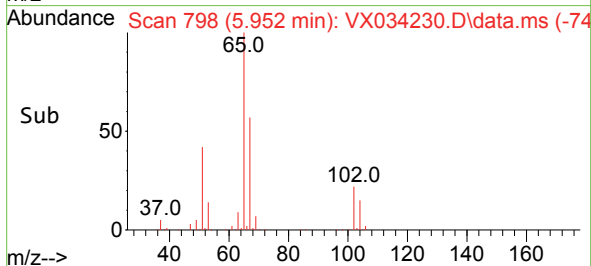
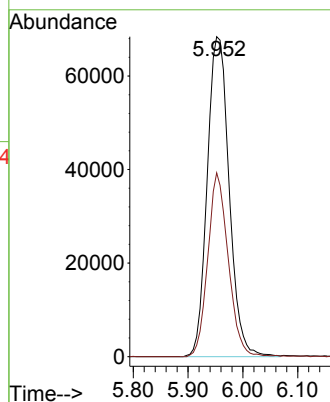
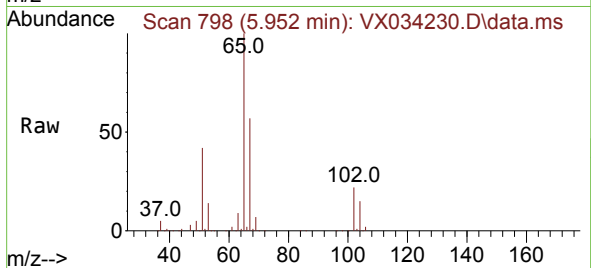




#33
1,2-Dichloroethane-d4
Concen: 43.673 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX034230.D
Acq: 22 Feb 2023 15:45

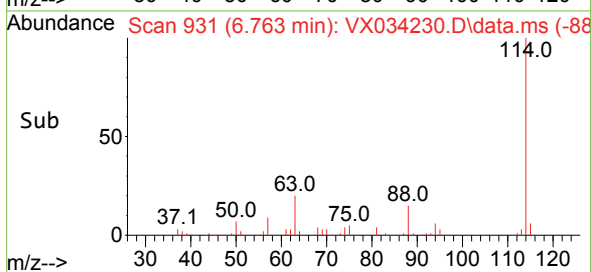
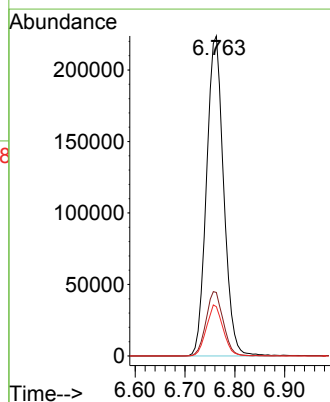
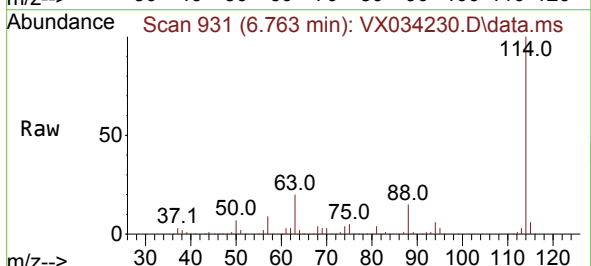
Instrument :
MSVOA_X
ClientSampleId :
IBLK

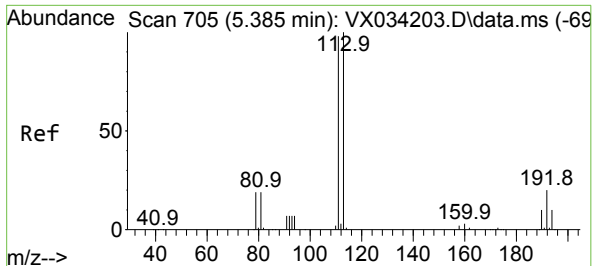
Tgt Ion: 65 Resp: 189895
Ion Ratio Lower Upper
65 100
67 53.5 0.0 104.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.006 min
Lab File: VX034230.D
Acq: 22 Feb 2023 15:45

Tgt Ion: 114 Resp: 534229
Ion Ratio Lower Upper
114 100
63 19.9 0.0 37.4
88 15.4 0.0 30.6

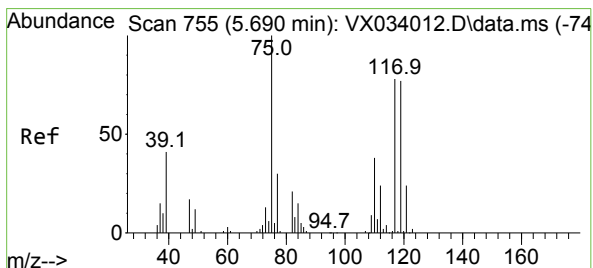
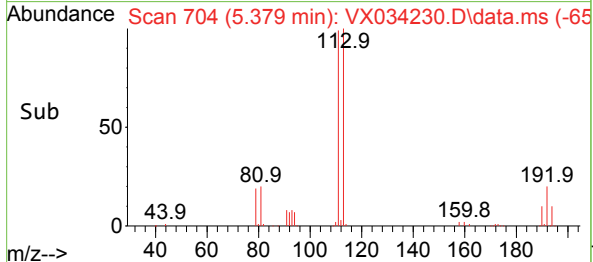
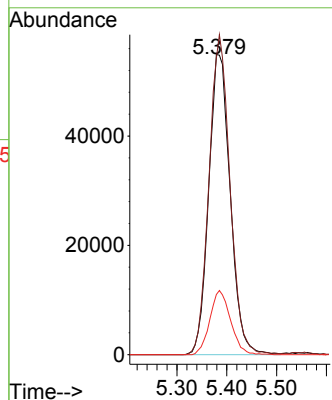
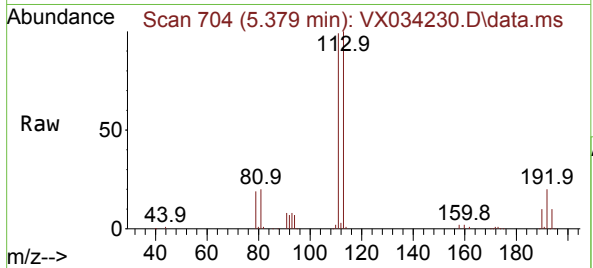




#35
 Dibromofluoromethane
 Concen: 47.328 ug/l
 RT: 5.379 min Scan# 705
 Delta R.T. -0.006 min
 Lab File: VX034230.D
 Acq: 22 Feb 2023 15:45

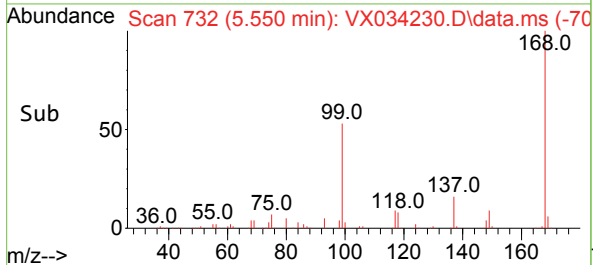
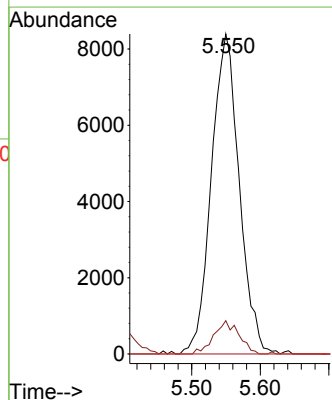
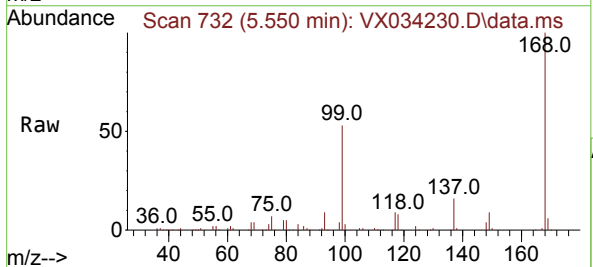
Instrument :
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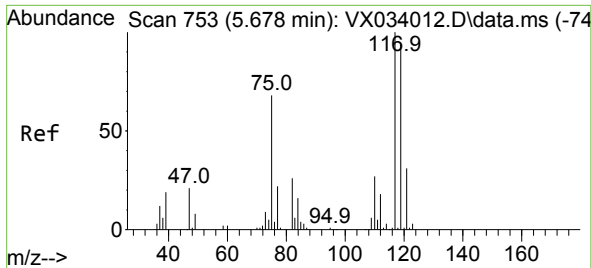
Tgt Ion:113 Resp: 164624
 Ion Ratio Lower Upper
 113 100
 111 103.8 83.0 124.6
 192 20.7 19.0 28.4



#36
 1,1-Dichloropropene
 Concen: 4.602 ug/l
 RT: 5.550 min Scan# 732
 Delta R.T. -0.140 min
 Lab File: VX034230.D
 Acq: 22 Feb 2023 15:45

Tgt Ion: 75 Resp: 23671
 Ion Ratio Lower Upper
 75 100
 110 9.4 18.8 56.4#
 77 0.0 25.1 37.7#

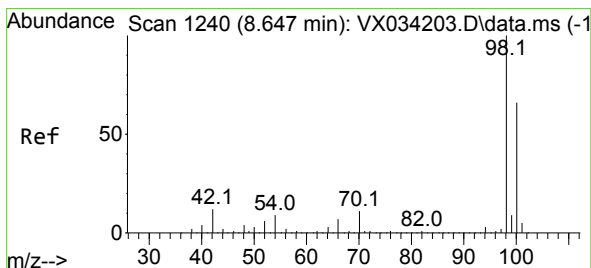
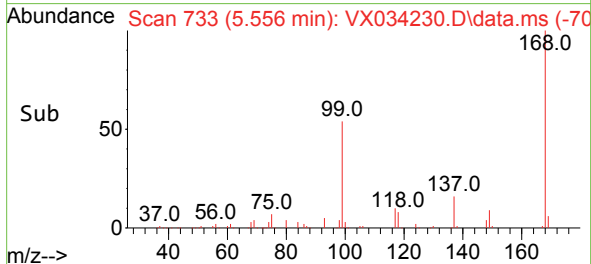
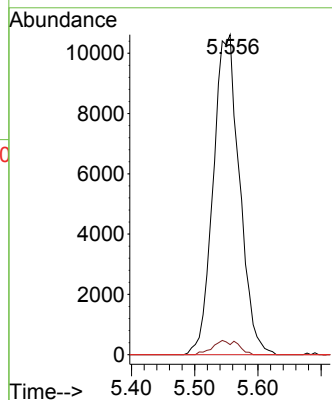
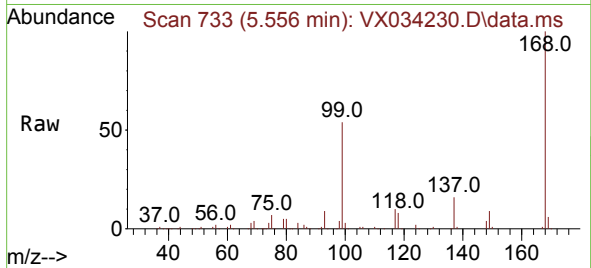




#38
Carbon Tetrachloride
Concen: 5.774 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.116 min
Lab File: VX034230.D
Acq: 22 Feb 2023 15:45

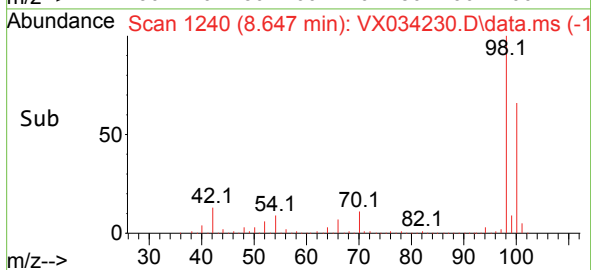
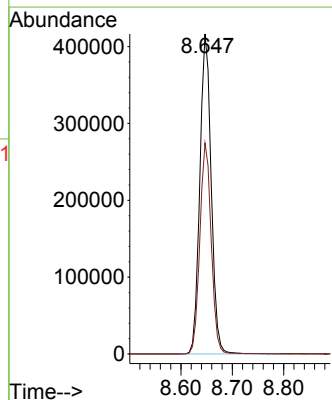
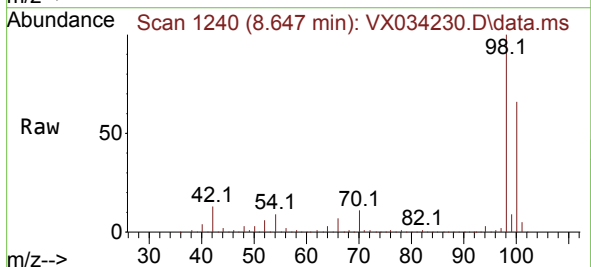
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IBLK

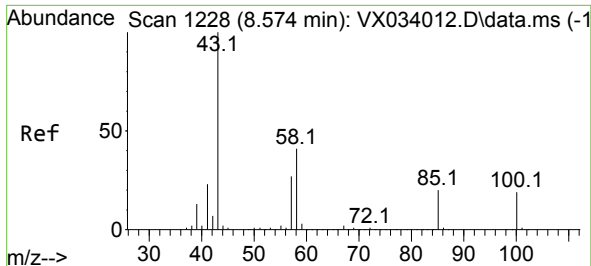
Tgt Ion:117 Resp: 30564
Ion Ratio Lower Upper
117 100
119 3.1 78.0 117.0#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 51.172 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX034230.D
Acq: 22 Feb 2023 15:45

Tgt Ion: 98 Resp: 639062
Ion Ratio Lower Upper
98 100
100 66.1 53.6 80.4





#51

4-Methyl-2-Pentanone

Concen: 0.579 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.079 min

Lab File: VX034230.D

Acq: 22 Feb 2023 15:45

Instrument :

MSVOA_X

ClientSampleId :

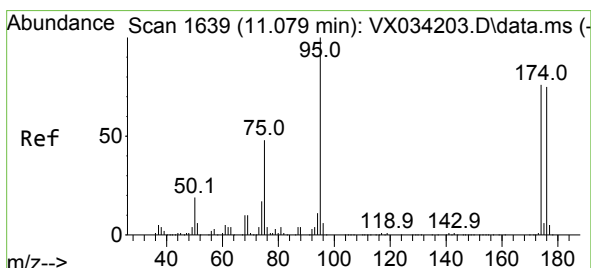
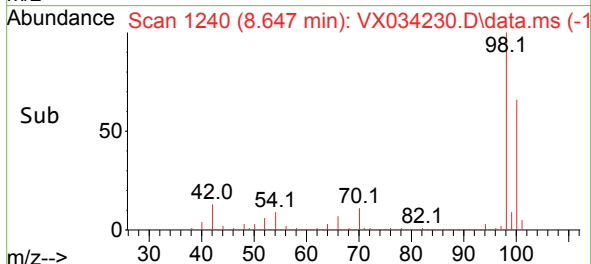
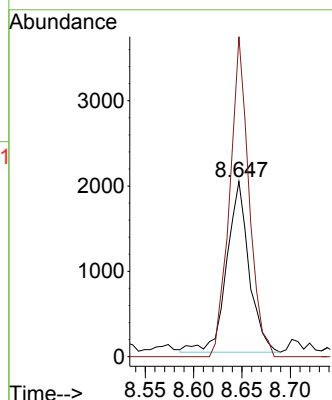
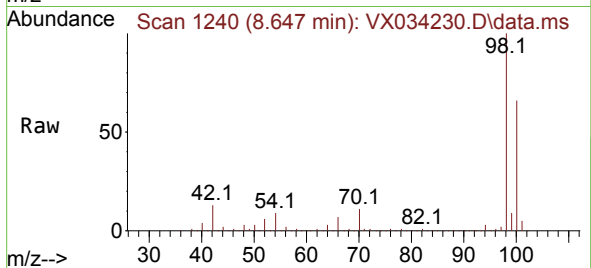
IBLK

Tgt Ion: 43 Resp: 3231

Ion Ratio Lower Upper

43 100

58 161.3 31.2 46.8#



#62

4-Bromofluorobenzene

Concen: 46.271 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX034230.D

Acq: 22 Feb 2023 15:45

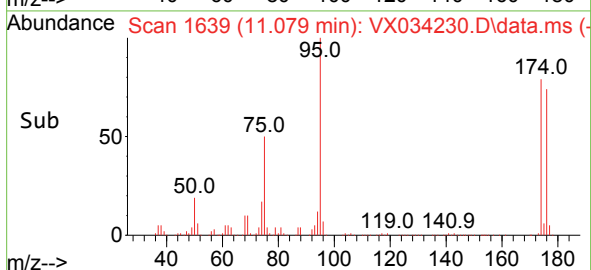
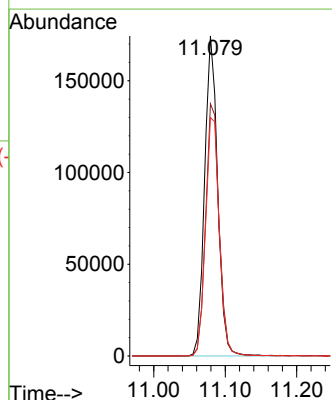
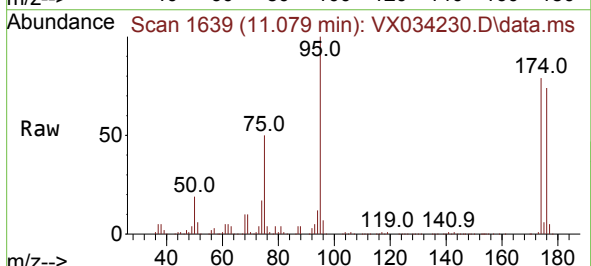
Tgt Ion: 95 Resp: 221031

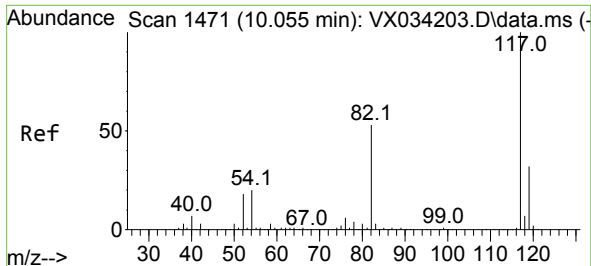
Ion Ratio Lower Upper

95 100

174 81.9 0.0 184.4

176 78.7 0.0 178.8

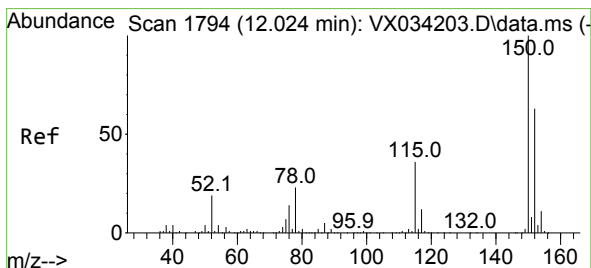
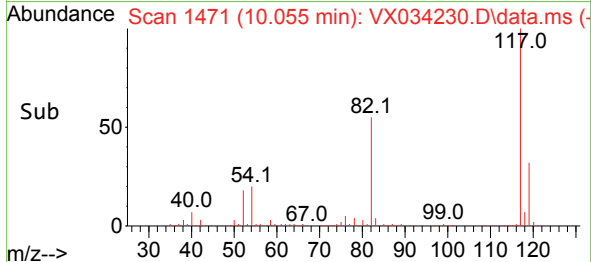
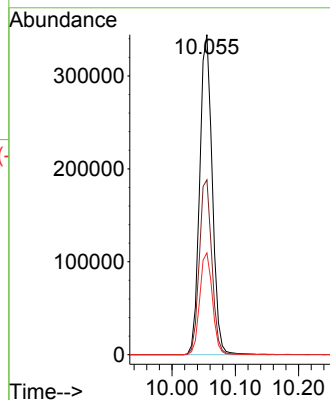
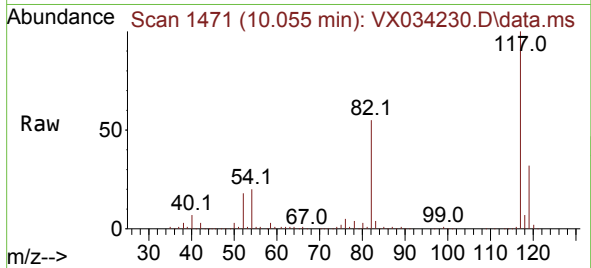




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034230.D
Acq: 22 Feb 2023 15:45

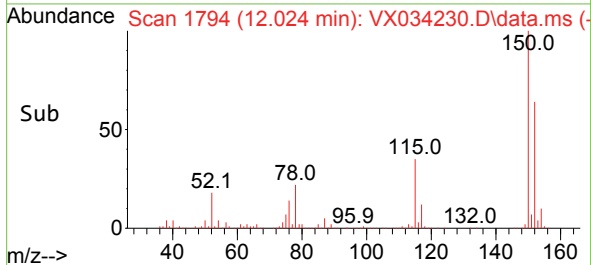
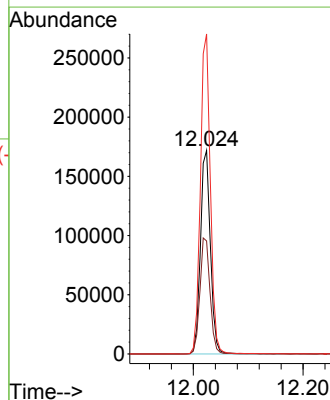
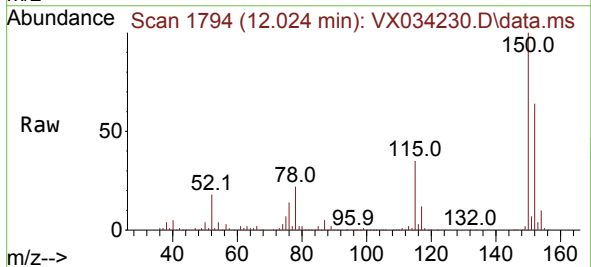
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MSVOA_X
ClientSampleId :
IBLK

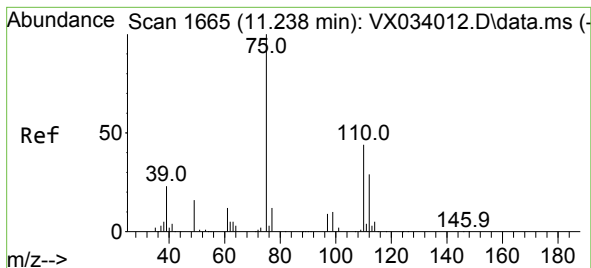
Tgt Ion:117 Resp: 476873
Ion Ratio Lower Upper
117 100
82 54.6 40.6 60.8
119 31.8 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX034230.D
Acq: 22 Feb 2023 15:45

Tgt Ion:152 Resp: 217172
Ion Ratio Lower Upper
152 100
115 58.1 38.7 116.1
150 156.6 0.0 348.2





#76

1,2,3-Trichloropropane

Concen: 20.028 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.158 min

Lab File: VX034230.D

Acq: 22 Feb 2023 15:45

Instrument :

MSVOA_X

ClientSampleId :

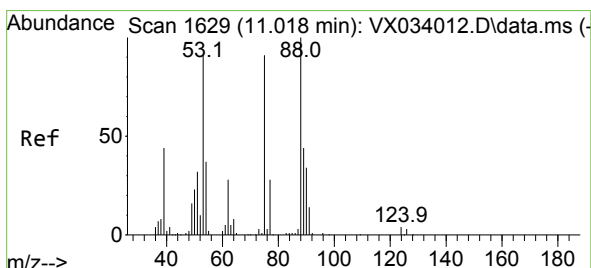
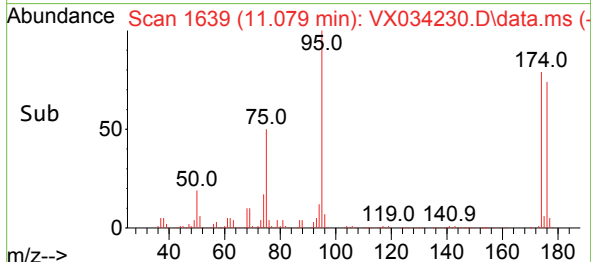
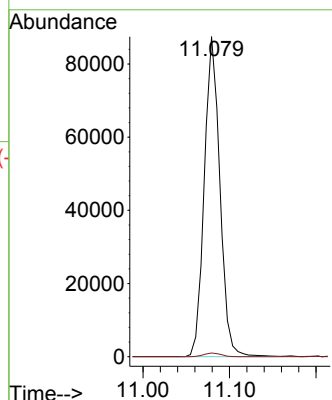
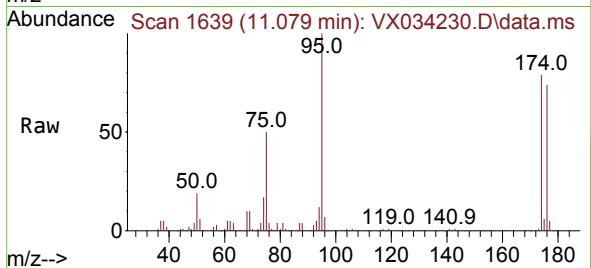
IBLK

Tgt Ion: 75 Resp: 109445

Ion Ratio Lower Upper

75 100

77 1.3 21.8 65.4#



#81

trans-1,4-Dichloro-2-butene

Concen: 51.450 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX034230.D

Acq: 22 Feb 2023 15:45

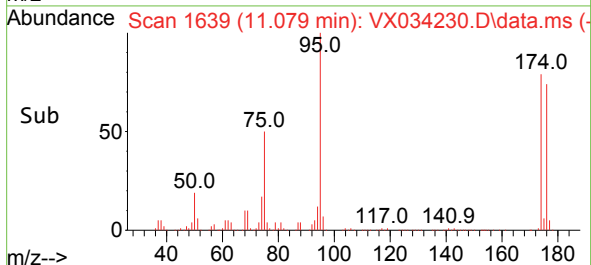
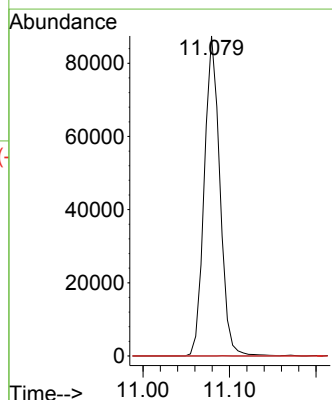
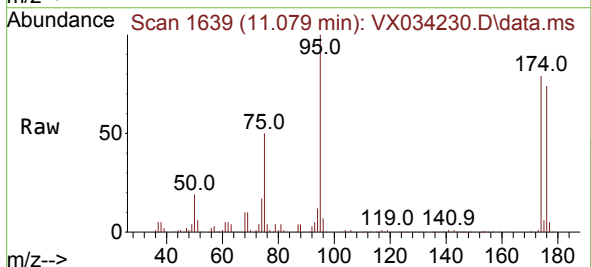
Tgt Ion: 75 Resp: 109445

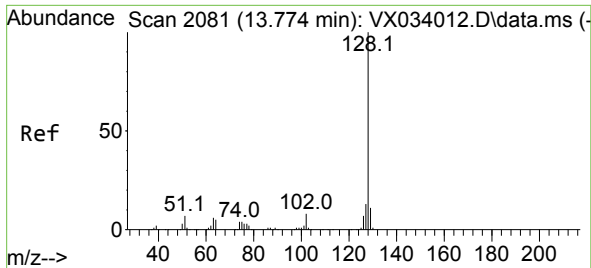
Ion Ratio Lower Upper

75 100

53 0.0 83.0 124.6#

89 0.0 37.7 56.5#





#95

Naphthalene

Concen: 0.490 ug/l

RT: 13.780 min Scan# 20

Delta R.T. 0.006 min

Lab File: VX034230.D

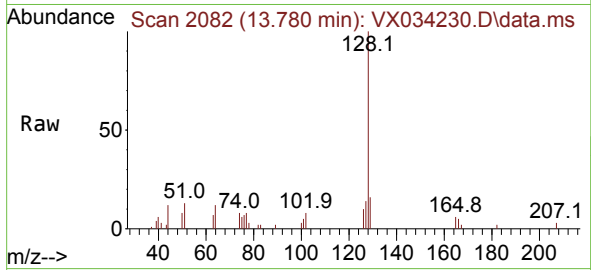
Acq: 22 Feb 2023 15:45

Instrument :

MSVOA_X

ClientSampleId :

IBLK



Tgt Ion:128 Resp: 7748

Ion Ratio Lower Upper

128 100

127 11.1 10.3 15.5

129 11.7 8.7 13.1

