

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112222\
 Data File : VX032975.D
 Acq On : 22 Nov 2022 12:10
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Nov 23 05:48:30 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)

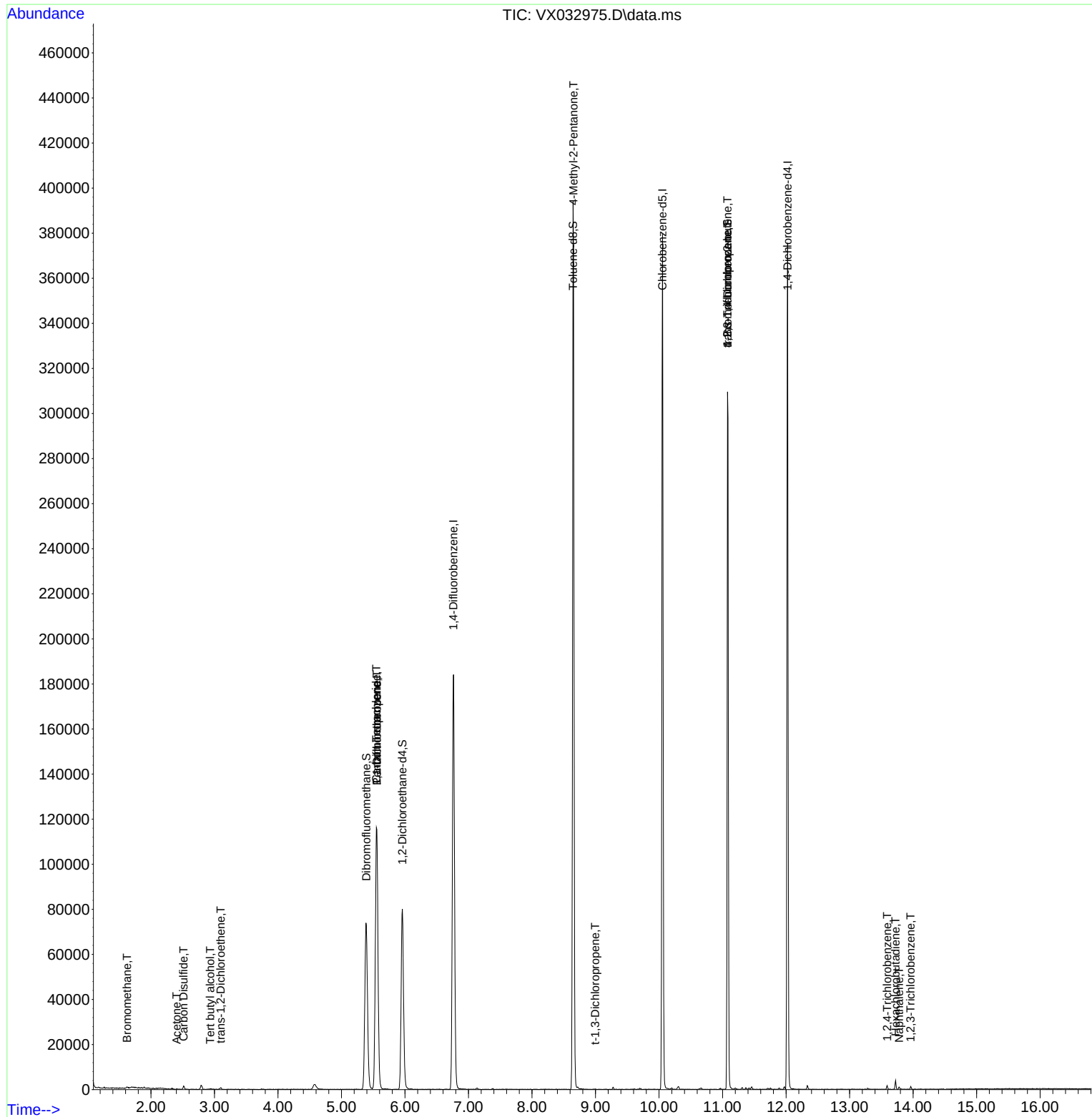
Internal Standards						
1) Pentafluorobenzene	5.556	168	111334	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	187490	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	167241	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	75117	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	80343	75.446	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 150.900%#	
35) Dibromofluoromethane	5.391	113	64350	60.880	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 121.760%	
50) Toluene-d8	8.647	98	232867	74.269	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 148.540%#	
62) 4-Bromofluorobenzene	11.079	95	79001	56.898	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 113.800%	
Target Compounds						
						Qvalue
5) Bromomethane	1.624	94	275	0.363	ug/l	82
11) Tert butyl alcohol	2.934	59	192	1.117	ug/l #	72
16) Acetone	2.404	43	121	0.239	ug/l #	45
17) Carbon Disulfide	2.514	76	1718	0.640	ug/l #	93
20) Methylene Chloride	2.794	84	892	Below Cal		91
21) trans-1,2-Dichloroethene	3.099	96	244	0.220	ug/l #	71
36) 1,1-Dichloropropene	5.556	75	8516	5.039	ug/l #	49
38) Carbon Tetrachloride	5.550	117	11694	6.237	ug/l #	15
51) 4-Methyl-2-Pentanone	8.653	43	1023	0.680	ug/l #	1
53) t-1,3-Dichloropropene	8.994	75	165	1.601	ug/l #	43
76) 1,2,3-Trichloropropane	11.079	75	43335	30.462	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	43335	99.015	ug/l #	6
93) 1,2,4-Trichlorobenzene	13.591	180	417	0.281	ug/l	67
94) Hexachlorobutadiene	13.725	225	559	0.853	ug/l	90
95) Naphthalene	13.780	128	1090	0.227	ug/l #	86
96) 1,2,3-Trichlorobenzene	13.963	180	411	0.276	ug/l #	88

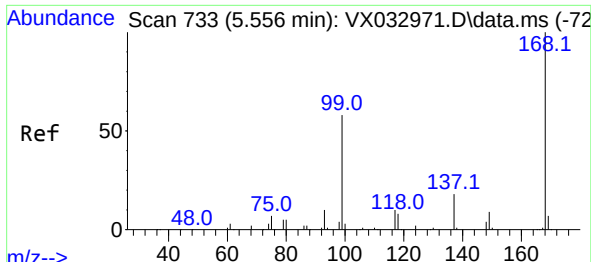
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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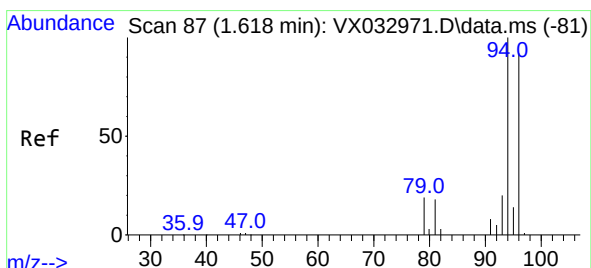
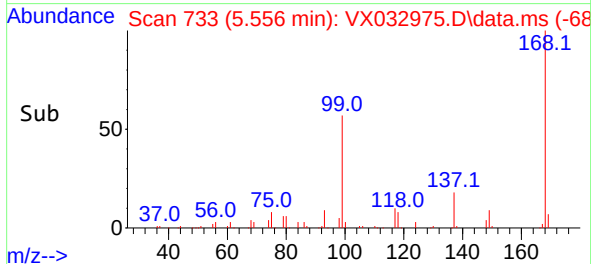
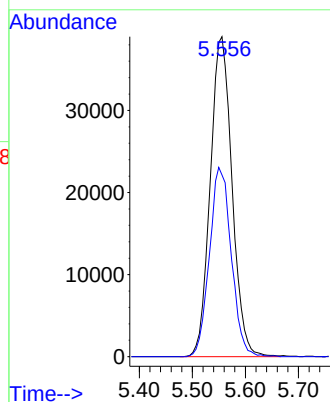
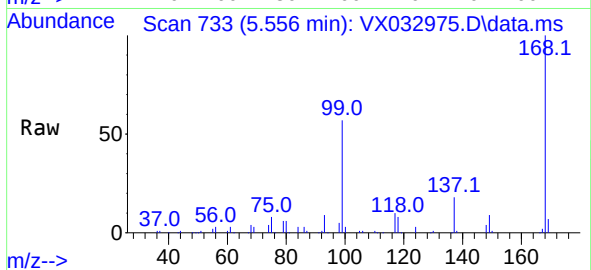




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032975.D
Acq: 22 Nov 2022 12:10

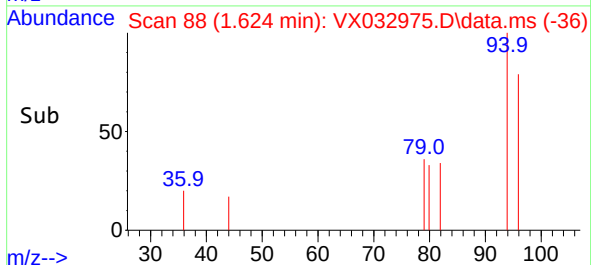
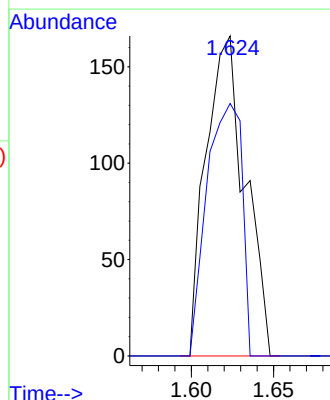
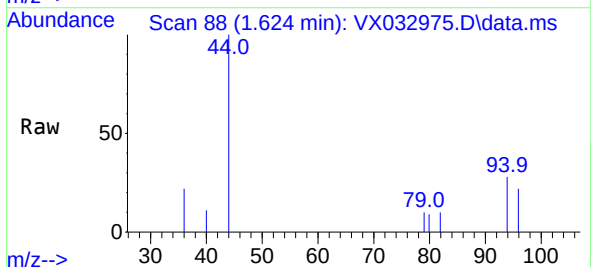
Instrument :
MSVOA_X
ClientSampleId :
IBLK

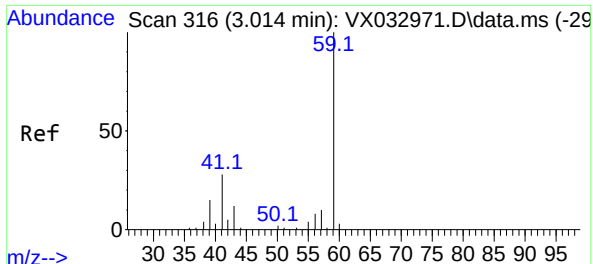
Tgt Ion:168 Resp: 111334
Ion Ratio Lower Upper
168 100
99 56.8 46.1 69.1



#5
Bromomethane
Concen: 0.363 ug/l
RT: 1.624 min Scan# 88
Delta R.T. 0.019 min
Lab File: VX032975.D
Acq: 22 Nov 2022 12:10

Tgt Ion: 94 Resp: 275
Ion Ratio Lower Upper
94 100
96 78.9 77.6 116.4





#11

Tert butyl alcohol

Concen: 1.117 ug/l

RT: 2.934 min Scan# 30

Delta R.T. -0.031 min

Lab File: VX032975.D

Acq: 22 Nov 2022 12:10

Instrument :

MSVOA_X

ClientSampleId :

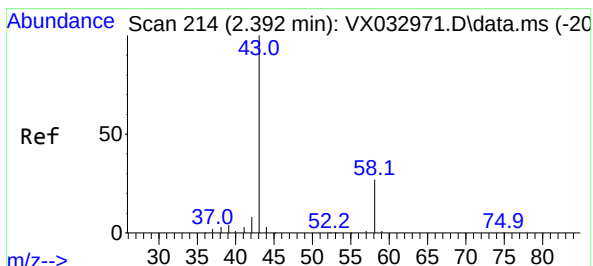
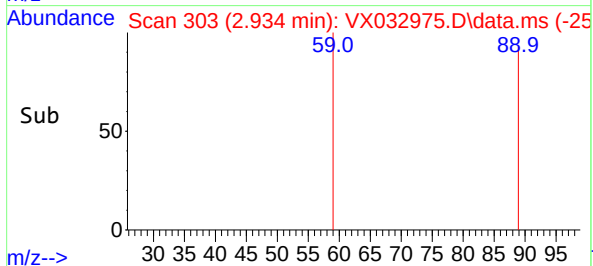
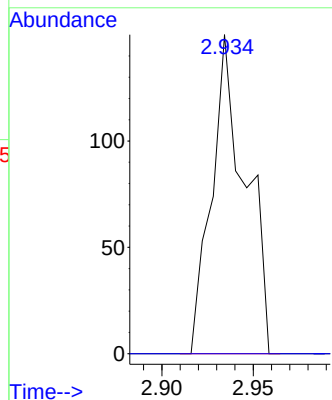
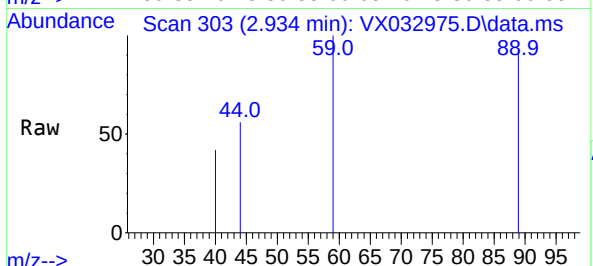
IBLK

Tgt Ion: 59 Resp: 192

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



#16

Acetone

Concen: 0.239 ug/l

RT: 2.404 min Scan# 216

Delta R.T. 0.024 min

Lab File: VX032975.D

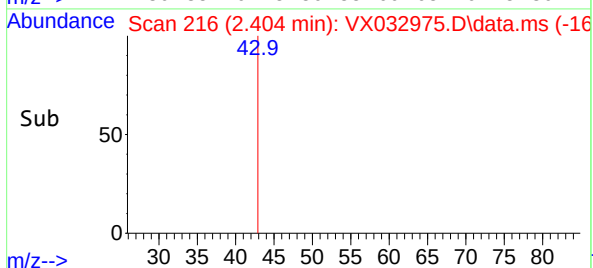
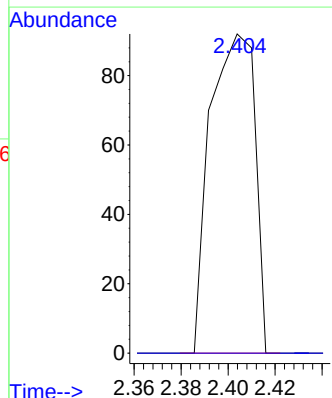
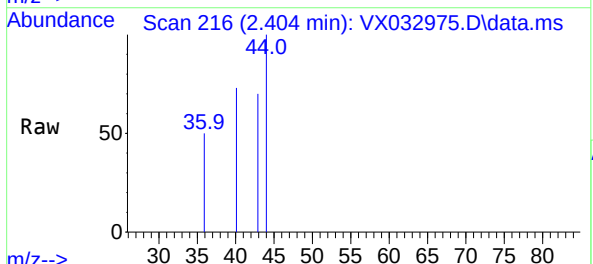
Acq: 22 Nov 2022 12:10

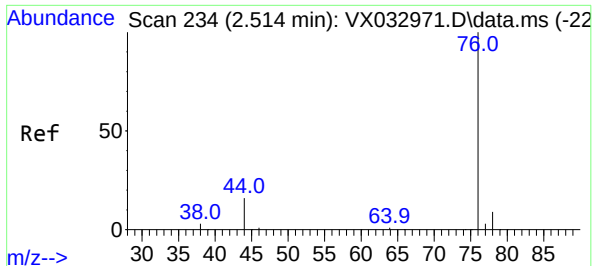
Tgt Ion: 43 Resp: 121

Ion Ratio Lower Upper

43 100

58 0.0 23.8 35.8#





#17

Carbon Disulfide

Concen: 0.640 ug/l

RT: 2.514 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX032975.D

Acq: 22 Nov 2022 12:10

Instrument :

MSVOA_X

ClientSampleId :

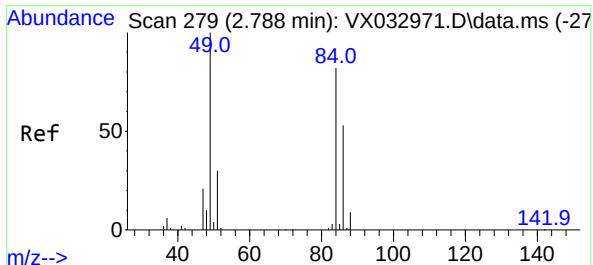
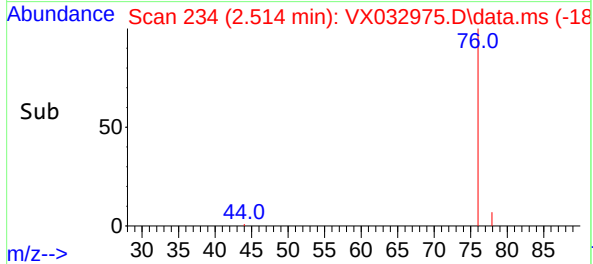
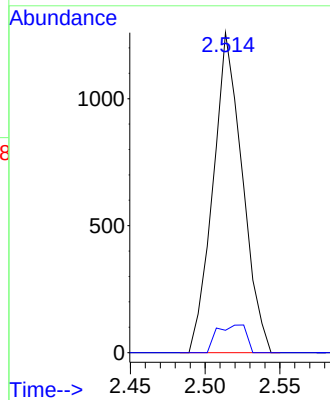
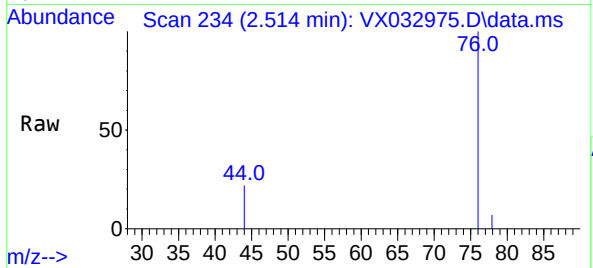
IBLK

Tgt Ion: 76 Resp: 1718

Ion Ratio Lower Upper

76 100

78 7.0 7.5 11.3#



#20

Methylene Chloride

Concen: Below Cal

RT: 2.794 min Scan# 280

Delta R.T. 0.006 min

Lab File: VX032975.D

Acq: 22 Nov 2022 12:10

Tgt Ion: 84 Resp: 892

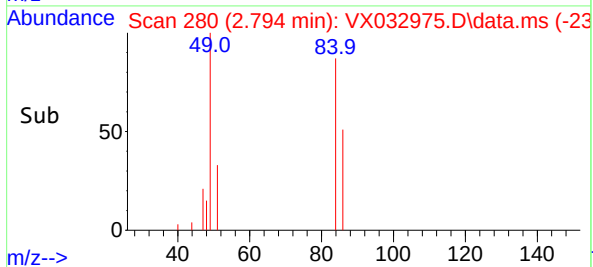
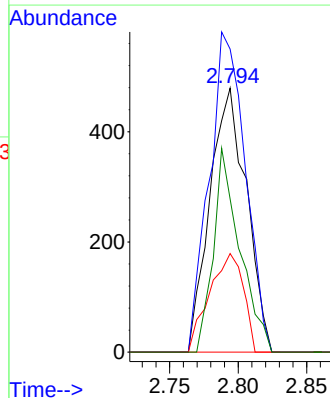
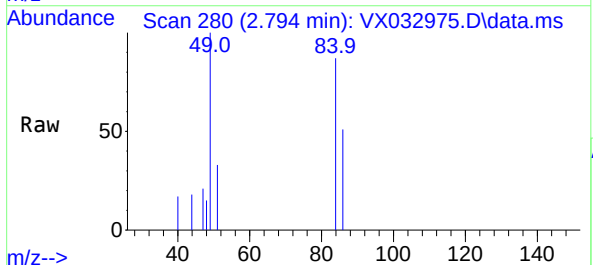
Ion Ratio Lower Upper

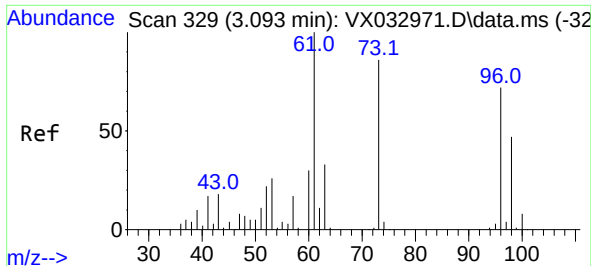
84 100

49 114.8 101.0 151.6

51 37.4 31.1 46.7

86 58.0 52.3 78.5

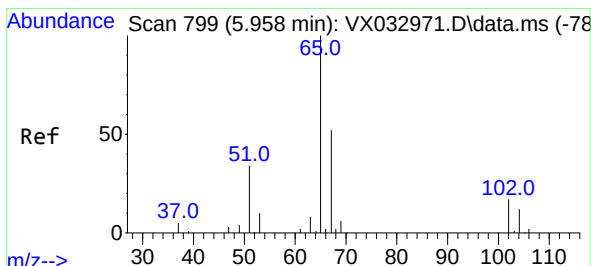
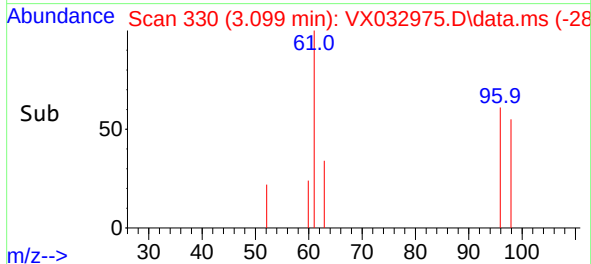
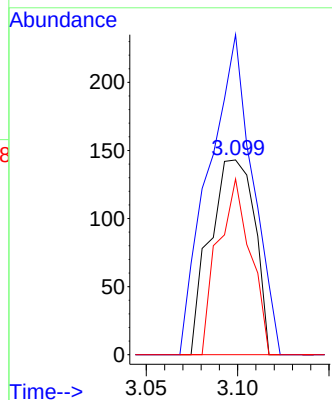
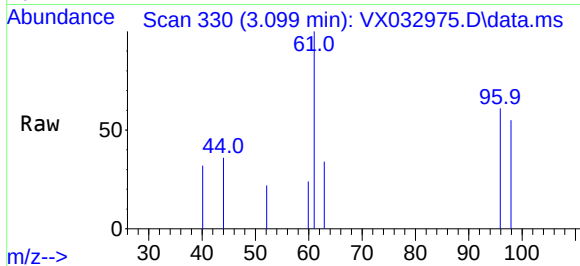




#21
trans-1,2-Dichloroethene
Concen: 0.220 ug/l
RT: 3.099 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX032975.D
Acq: 22 Nov 2022 12:10

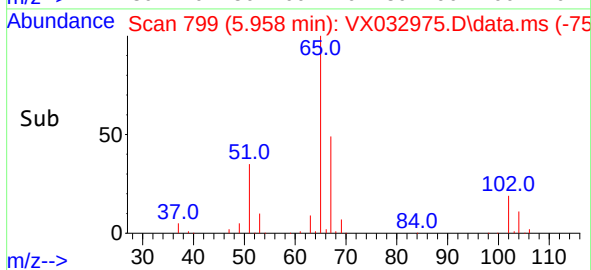
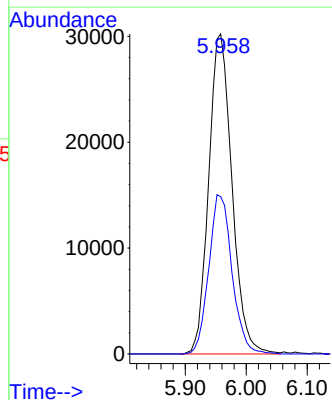
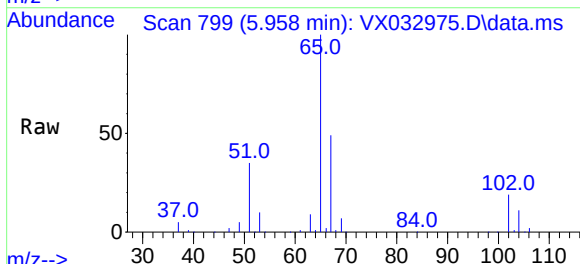
Instrument :
MSVOA_X
ClientSampleId :
IBLK

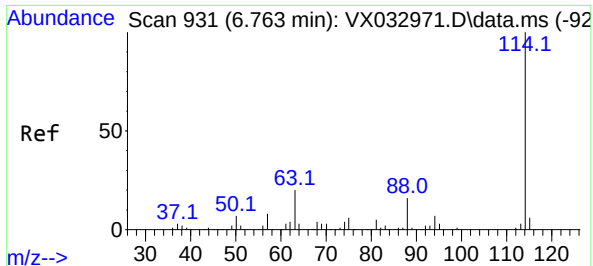
Tgt Ion: 96 Resp: 244
Ion Ratio Lower Upper
96 100
61 164.3 106.6 160.0#
98 90.2 51.0 76.6#



#33
1,2-Dichloroethane-d4
Concen: 75.446 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX032975.D
Acq: 22 Nov 2022 12:10

Tgt Ion: 65 Resp: 80343
Ion Ratio Lower Upper
65 100
67 49.6 0.0 101.8

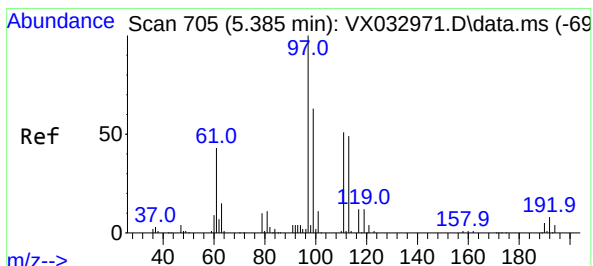
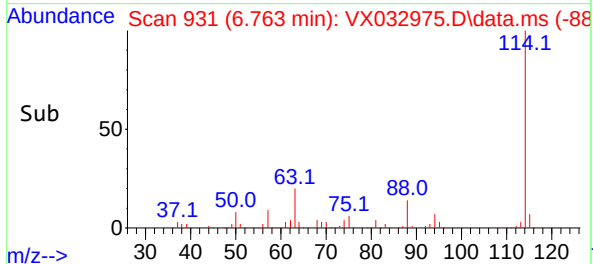
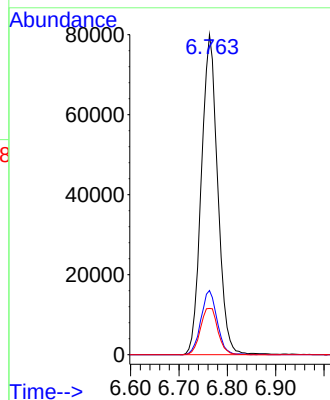
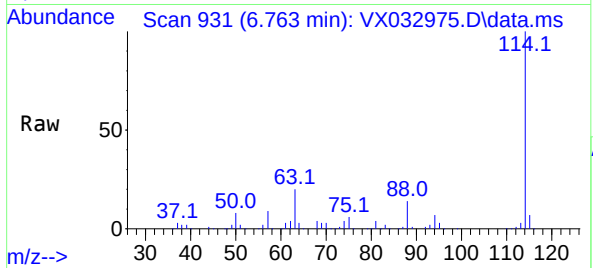




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX032975.D
Acq: 22 Nov 2022 12:10

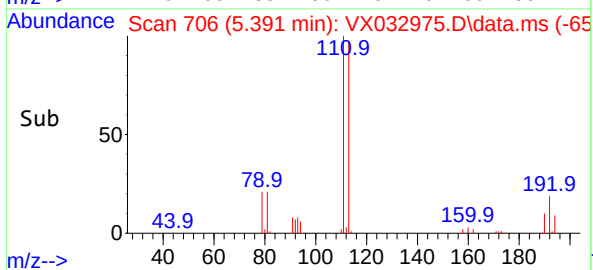
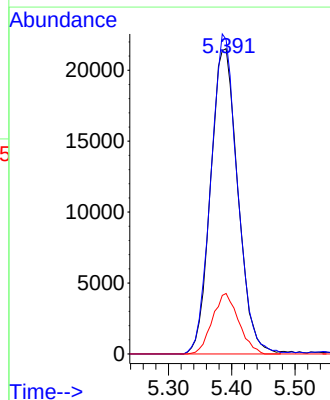
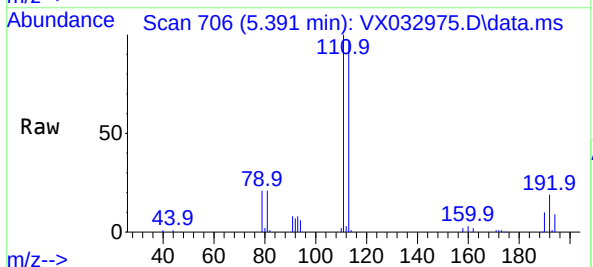
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IBLK

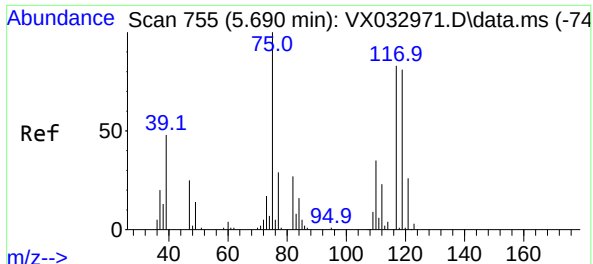
Tgt Ion:114 Resp: 187490
Ion Ratio Lower Upper
114 100
63 20.0 0.0 41.6
88 14.5 0.0 33.4



#35
Dibromofluoromethane
Concen: 60.880 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX032975.D
Acq: 22 Nov 2022 12:10

Tgt Ion:113 Resp: 64350
Ion Ratio Lower Upper
113 100
111 102.0 82.4 123.6
192 19.0 15.4 23.2

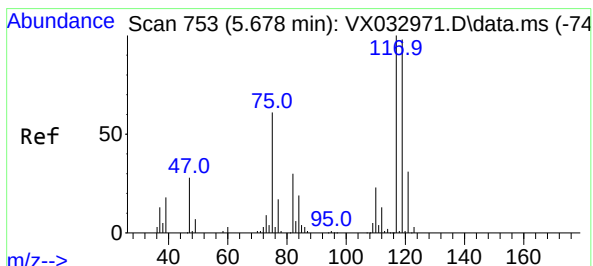
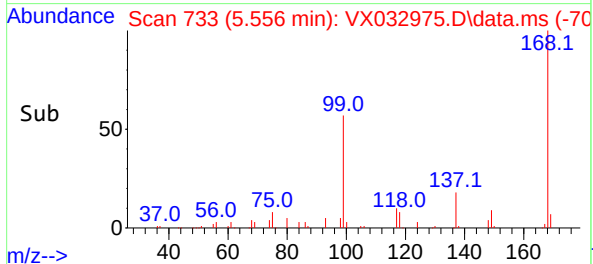
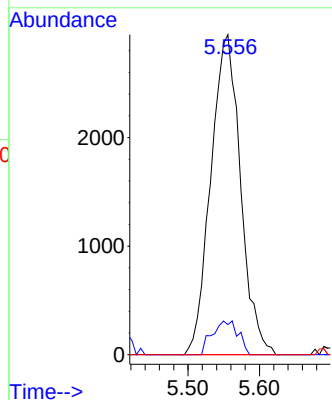
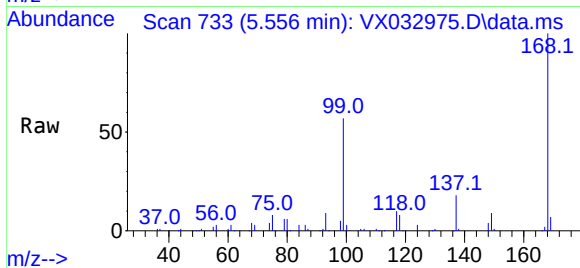




#36
1,1-Dichloropropene
Concen: 5.039 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX032975.D
Acq: 22 Nov 2022 12:10

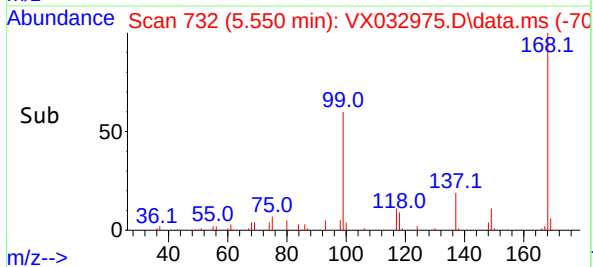
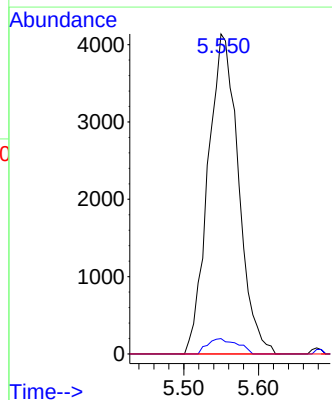
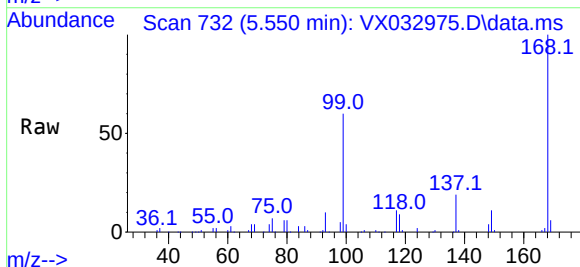
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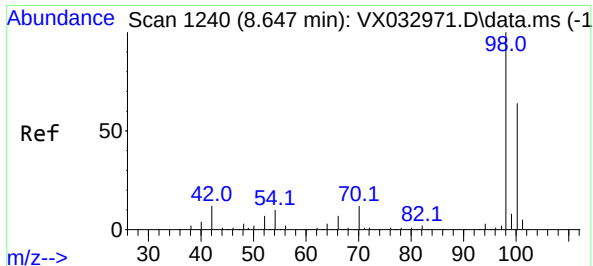
Tgt Ion: 75 Resp: 8516
Ion Ratio Lower Upper
75 100
110 9.3 18.4 55.2#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 6.237 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX032975.D
Acq: 22 Nov 2022 12:10

Tgt Ion: 117 Resp: 11694
Ion Ratio Lower Upper
117 100
119 4.8 77.2 115.8#
121 0.0 25.8 38.6#





#50

Toluene-d8

Concen: 74.269 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX032975.D

Acq: 22 Nov 2022 12:10

Instrument :

MSVOA_X

ClientSampleId :

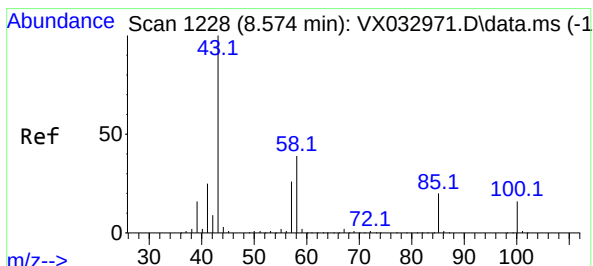
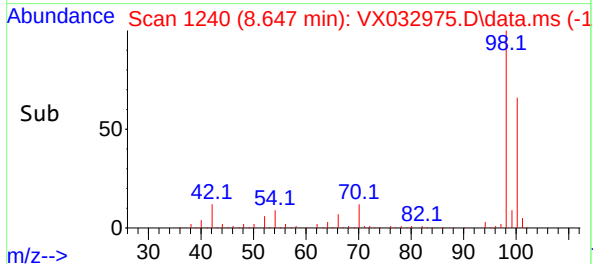
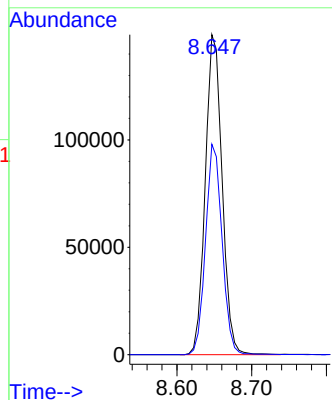
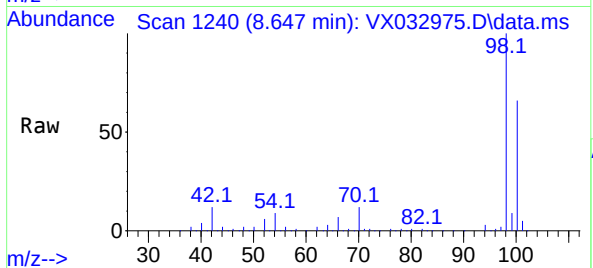
IBLK

Tgt Ion: 98 Resp: 232867

Ion Ratio Lower Upper

98 100

100 64.7 50.9 76.3



#51

4-Methyl-2-Pentanone

Concen: 0.680 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.079 min

Lab File: VX032975.D

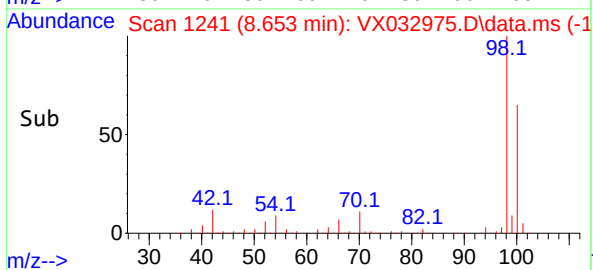
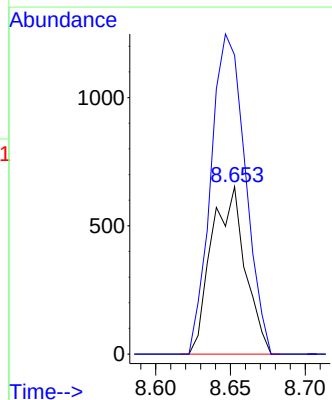
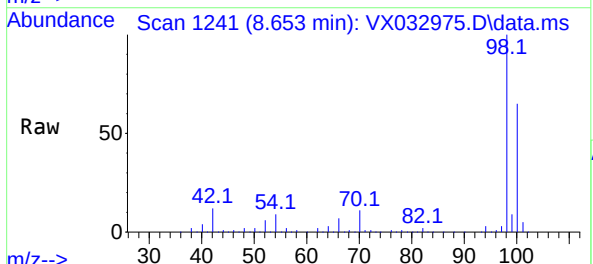
Acq: 22 Nov 2022 12:10

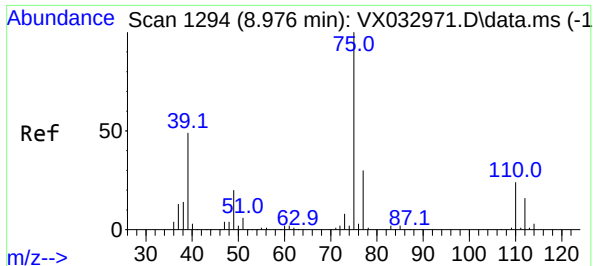
Tgt Ion: 43 Resp: 1023

Ion Ratio Lower Upper

43 100

58 195.4 30.9 46.3#





#53

t-1,3-Dichloropropene

Concen: 1.601 ug/l

RT: 8.994 min Scan# 11

Delta R.T. 0.012 min

Lab File: VX032975.D

Acq: 22 Nov 2022 12:10

Instrument :

MSVOA_X

ClientSampleId :

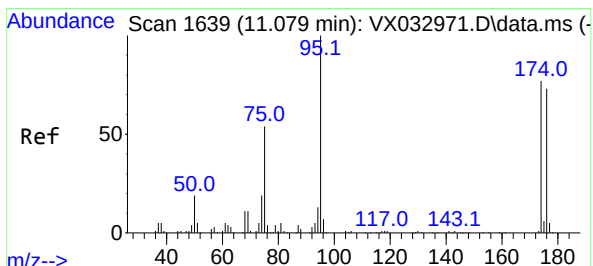
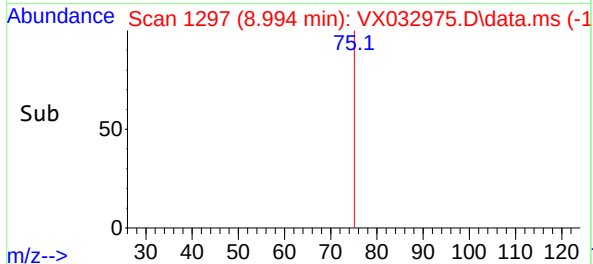
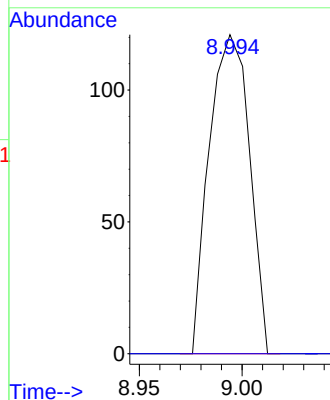
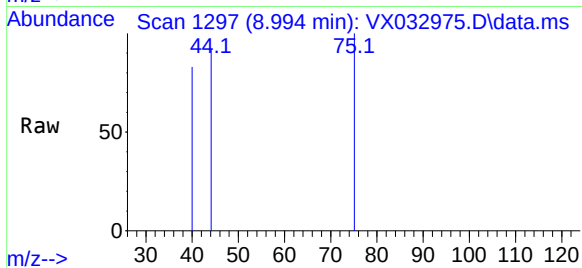
IBLK

Tgt Ion: 75 Resp: 165

Ion Ratio Lower Upper

75 100

77 0.0 25.1 37.7#



#62

4-Bromofluorobenzene

Concen: 56.898 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX032975.D

Acq: 22 Nov 2022 12:10

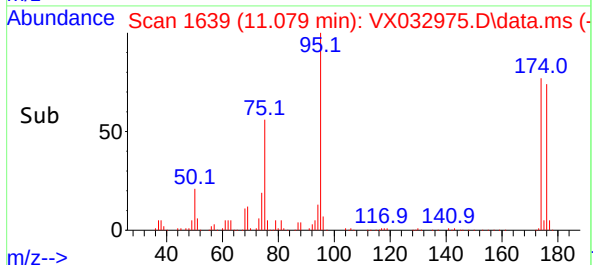
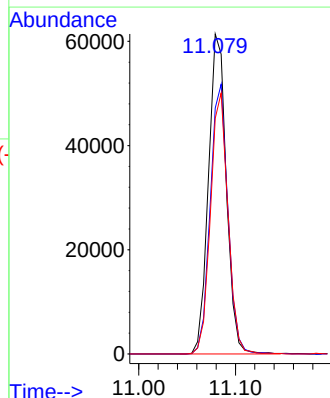
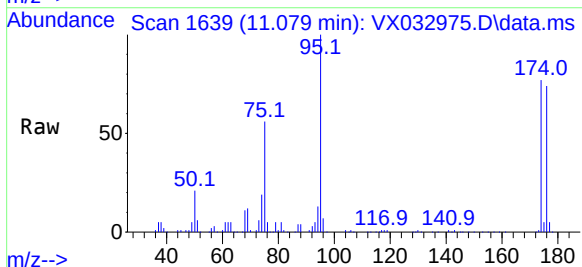
Tgt Ion: 95 Resp: 79001

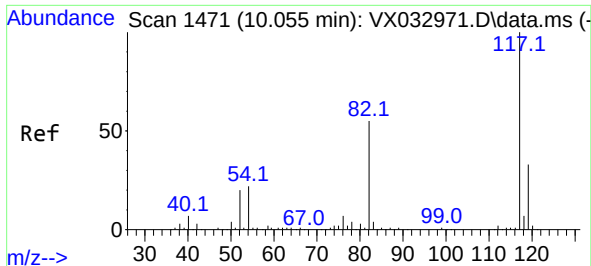
Ion Ratio Lower Upper

95 100

174 83.3 0.0 164.0

176 80.0 0.0 154.4

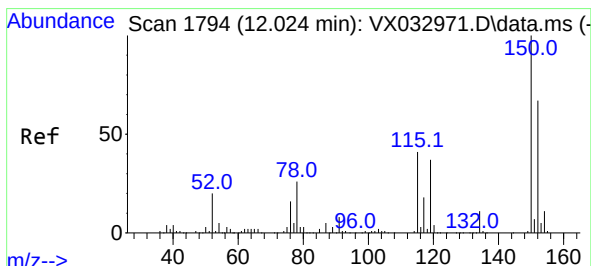
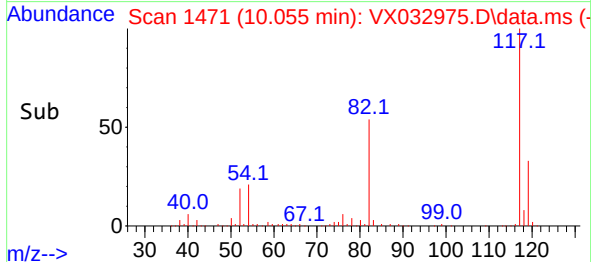
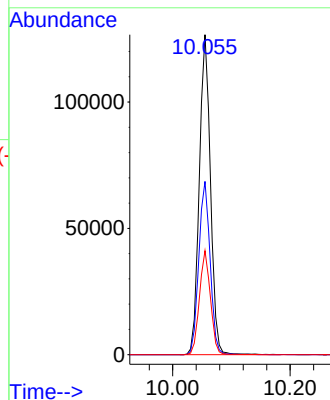
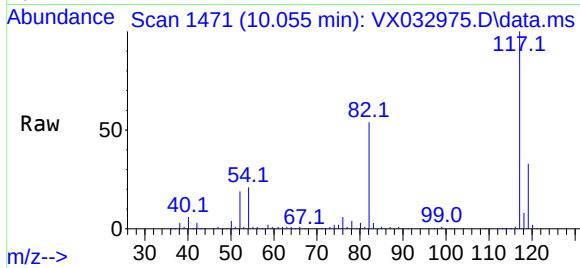




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032975.D
Acq: 22 Nov 2022 12:10

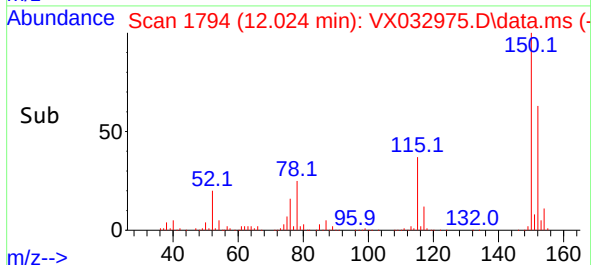
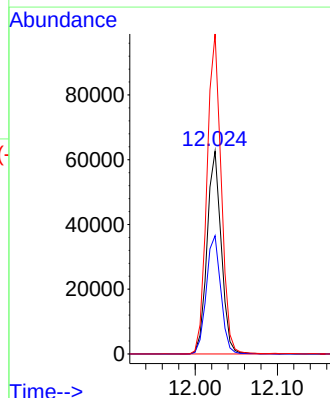
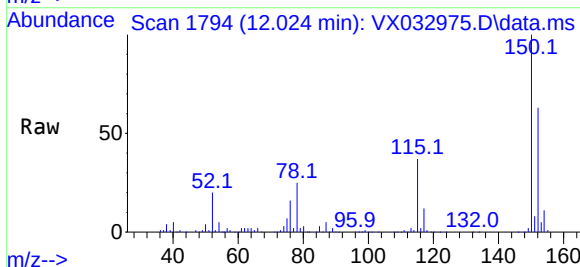
Instrument :
MSVOA_X
ClientSampleId :
IBLK

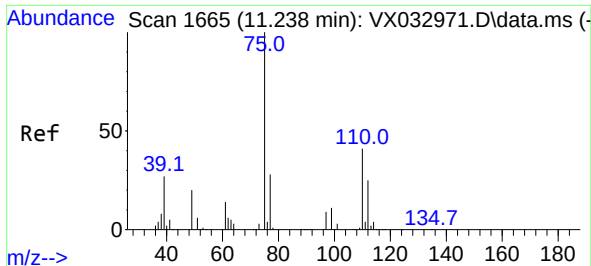
Tgt Ion:117 Resp: 167241
Ion Ratio Lower Upper
117 100
82 54.2 44.3 66.5
119 32.5 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032975.D
Acq: 22 Nov 2022 12:10

Tgt Ion:152 Resp: 75117
Ion Ratio Lower Upper
152 100
115 59.8 44.0 132.0
150 158.4 0.0 351.8

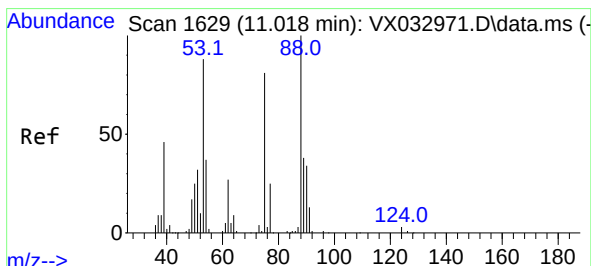
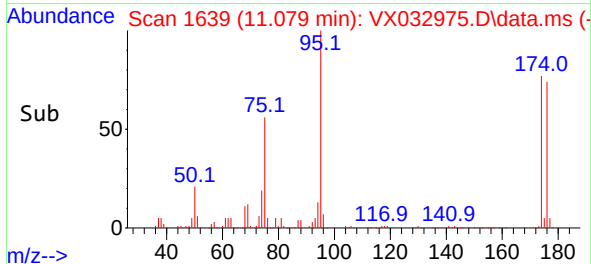
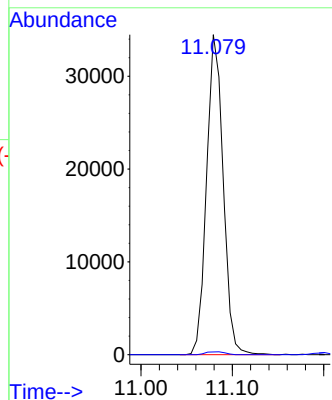
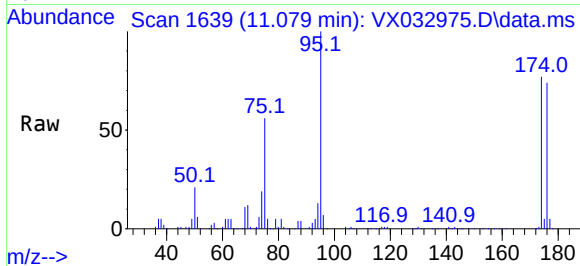




#76
1,2,3-Trichloropropane
Concen: 30.462 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX032975.D
Acq: 22 Nov 2022 12:10

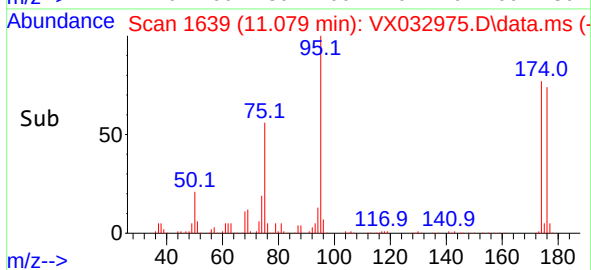
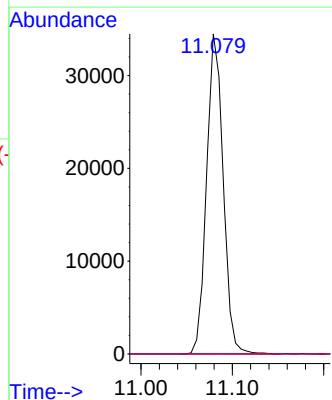
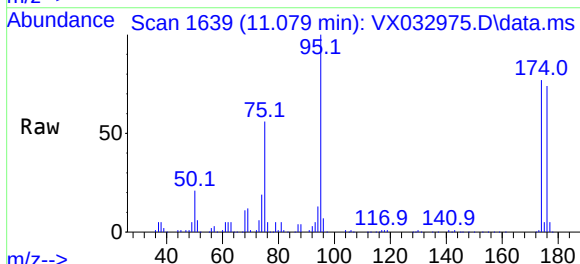
Instrument :
MSVOA_X
ClientSampleId :
IBLK

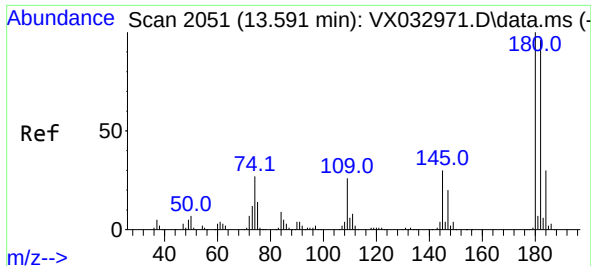
Tgt Ion: 75 Resp: 43335
Ion Ratio Lower Upper
75 100
77 1.1 20.0 60.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 99.015 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032975.D
Acq: 22 Nov 2022 12:10

Tgt Ion: 75 Resp: 43335
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#

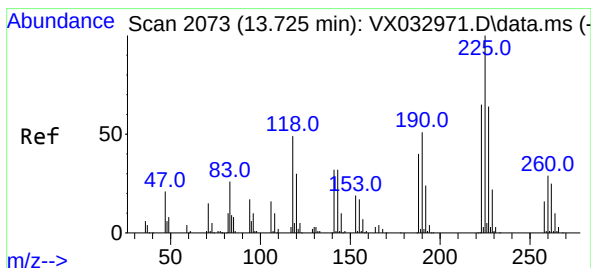
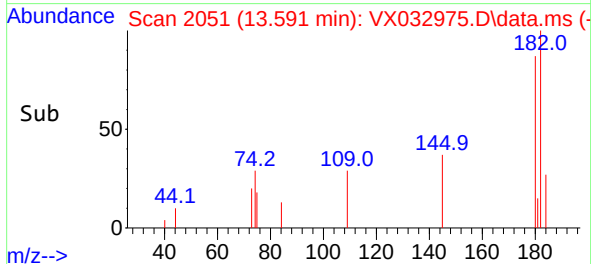
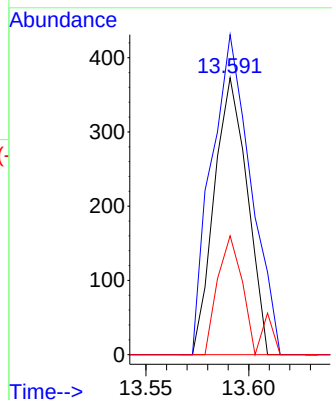
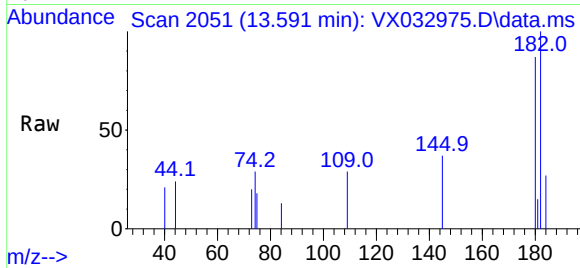




#93
1,2,4-Trichlorobenzene
Concen: 0.281 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX032975.D
Acq: 22 Nov 2022 12:10

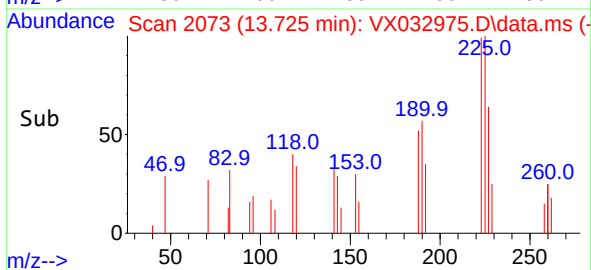
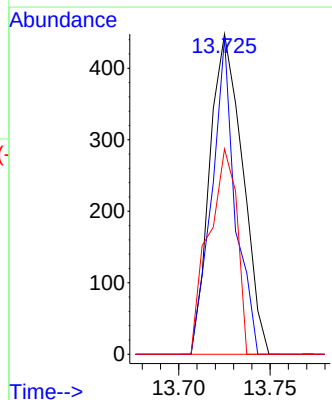
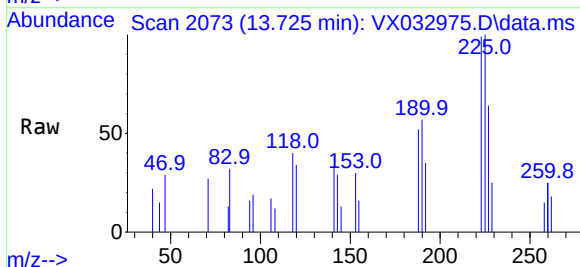
Instrument :
MSVOA_X
ClientSampleId :
IBLK

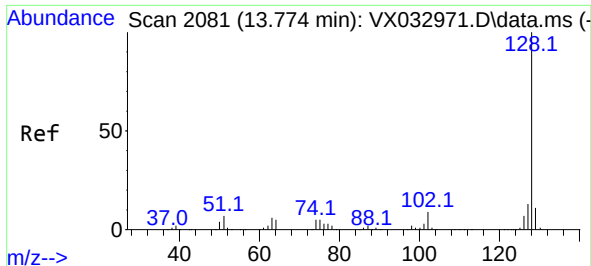
Tgt Ion:	180	Resp:	417
Ion	Ratio	Lower	Upper
180	100		
182	137.6	48.4	145.0
145	36.5	16.2	48.5



#94
Hexachlorobutadiene
Concen: 0.853 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX032975.D
Acq: 22 Nov 2022 12:10

Tgt Ion:	225	Resp:	559
Ion	Ratio	Lower	Upper
225	100		
223	70.7	31.9	95.9
227	55.3	31.9	95.5

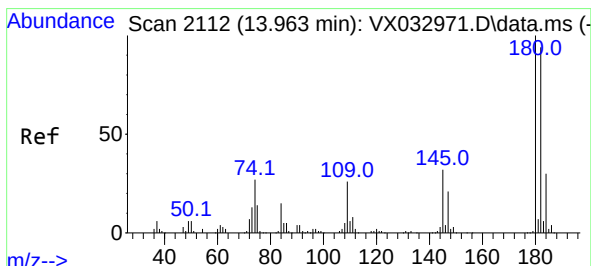
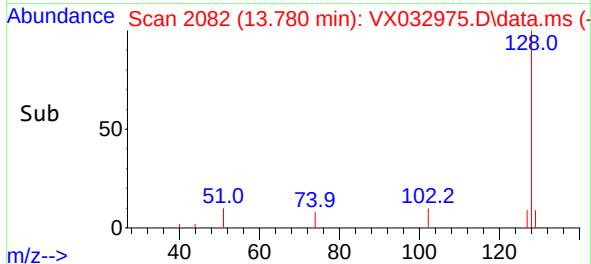
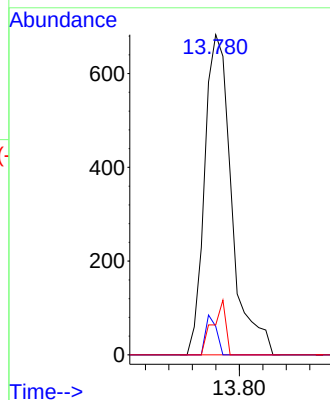
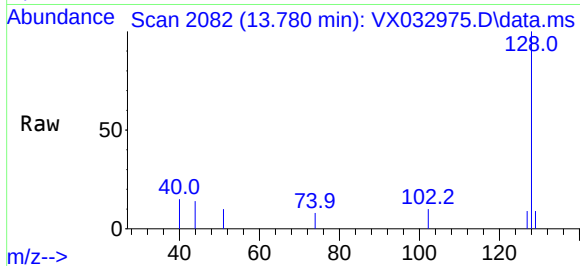




#95
Naphthalene
Concen: 0.227 ug/l
RT: 13.780 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX032975.D
Acq: 22 Nov 2022 12:10

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:128 Resp: 1090
Ion Ratio Lower Upper
128 100
127 4.9 10.2 15.4#
129 8.3 8.9 13.3#



#96
1,2,3-Trichlorobenzene
Concen: 0.276 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX032975.D
Acq: 22 Nov 2022 12:10

Tgt Ion:180 Resp: 411
Ion Ratio Lower Upper
180 100
182 90.8 47.5 142.6
145 14.6 16.9 50.6#

