

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040522\
 Data File : VX027976.D
 Acq On : 05 Apr 2022 13:02
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Apr 06 06:52:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040522W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 05 15:58:31 2022
 Response via : Initial Calibration

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

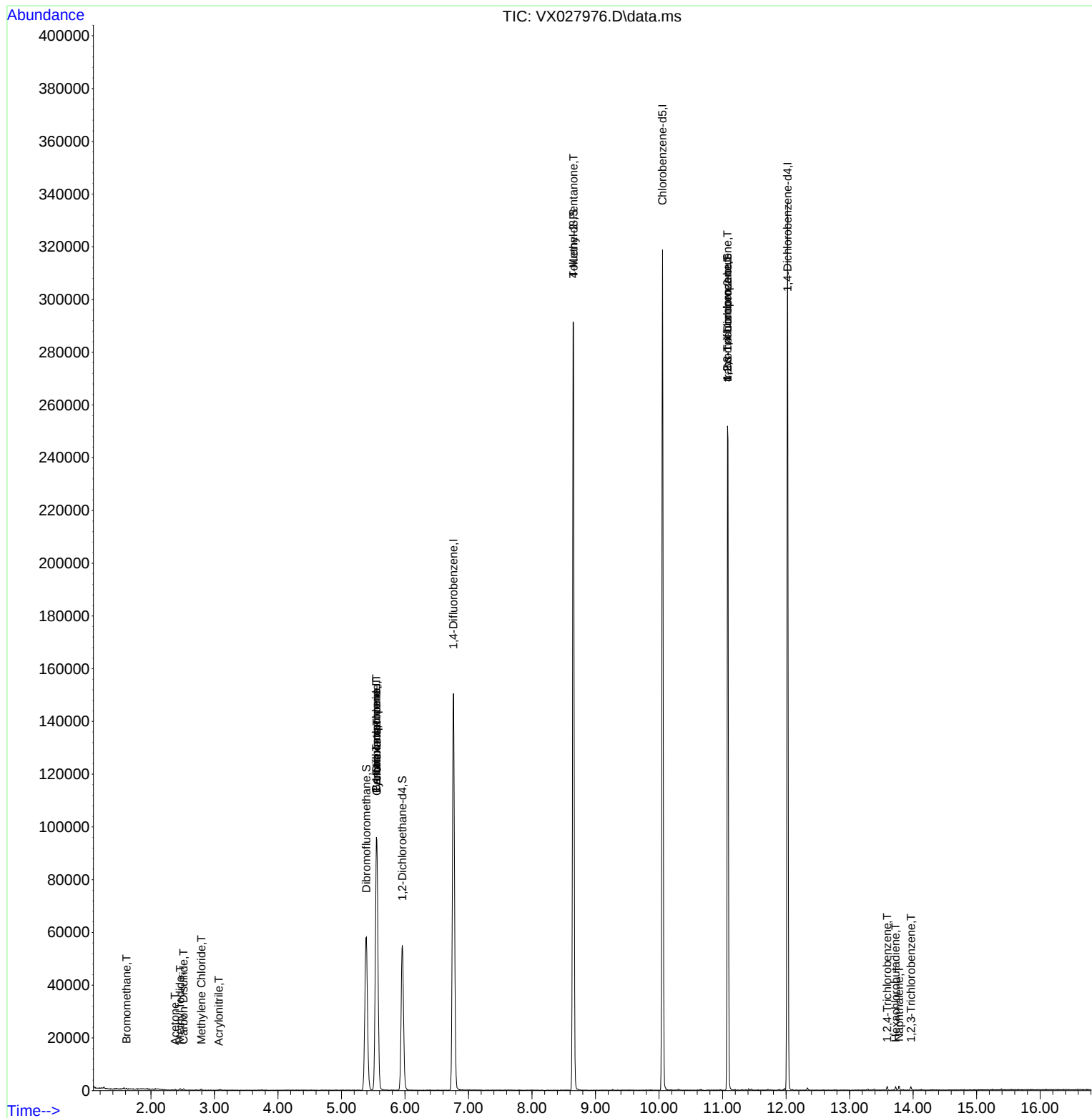
Internal Standards						
1) Pentafluorobenzene	5.550	168	96909	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	159707	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	148420	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	68680	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	54727	45.263	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	90.520%
35) Dibromofluoromethane	5.391	113	52483	48.560	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.120%
50) Toluene-d8	8.653	98	184571	46.741	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	93.480%
62) 4-Bromofluorobenzene	11.079	95	71224	45.867	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	91.740%
Target Compounds						
					Qvalue	
5) Bromomethane	1.617	94	158	0.401	ug/l #	75
6) Chloroethane	1.685	64	45	Below Cal	#	43
10) Methyl Iodide	2.459	142	638	3.981	ug/l #	82
15) Acrylonitrile	3.068	53	110	0.208	ug/l #	50
16) Acetone	2.380	43	295	0.652	ug/l #	74
17) Carbon Disulfide	2.514	76	620	0.253	ug/l #	75
20) Methylene Chloride	2.794	84	236	0.233	ug/l #	86
31) Cyclohexane	5.556	56	1718	1.097	ug/l #	15
36) 1,1-Dichloropropene	5.550	75	6585	4.634	ug/l #	50
38) Carbon Tetrachloride	5.550	117	9934	6.291	ug/l #	15
51) 4-Methyl-2-Pentanone	8.653	43	672	0.456	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	35236	24.988	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	35236	78.778	ug/l #	15
93) 1,2,4-Trichlorobenzene	13.591	180	488	0.330	ug/l	99
94) Hexachlorobutadiene	13.725	225	265	0.375	ug/l	83
95) Naphthalene	13.780	128	1284	0.267	ug/l	96
96) 1,2,3-Trichlorobenzene	13.969	180	503	0.348	ug/l	89

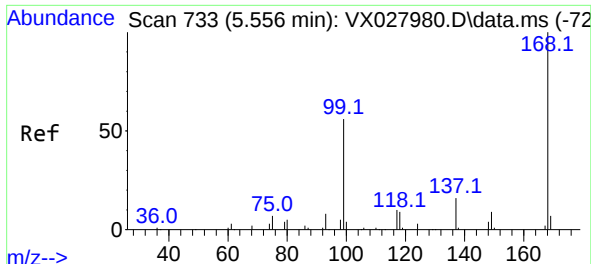
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 06 06:52:28 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040522W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

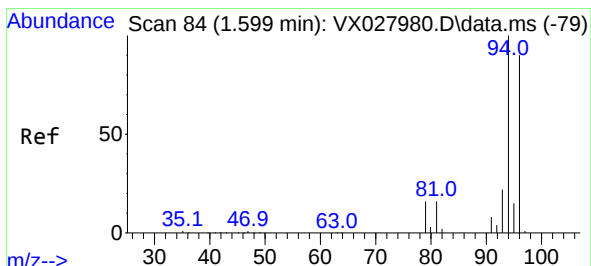
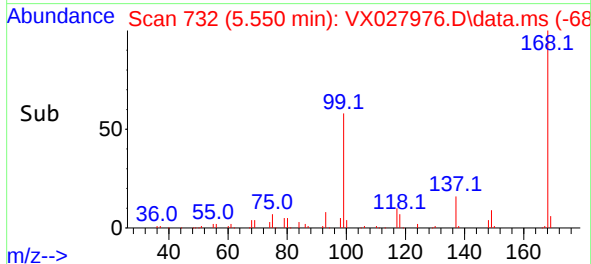
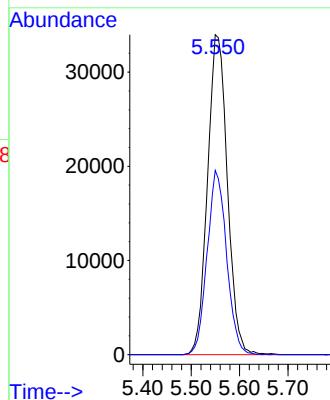
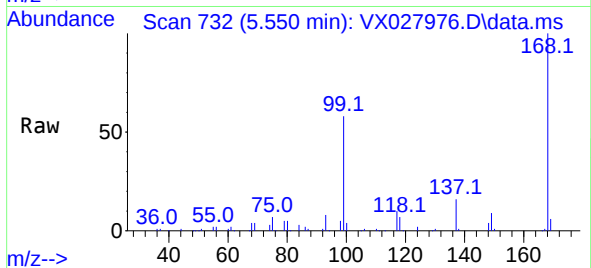




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX027976.D
Acq: 05 Apr 2022 13:02

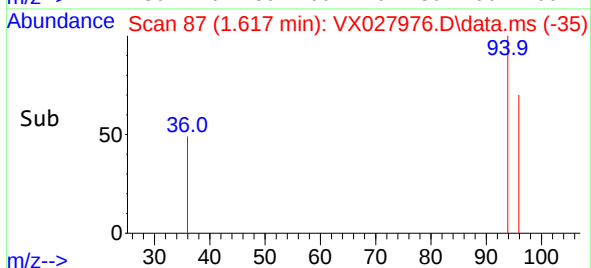
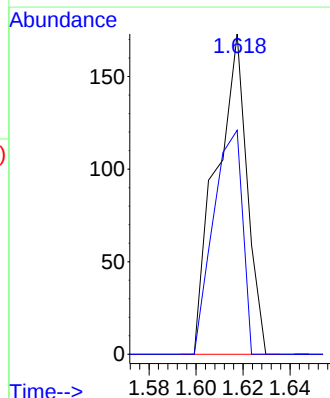
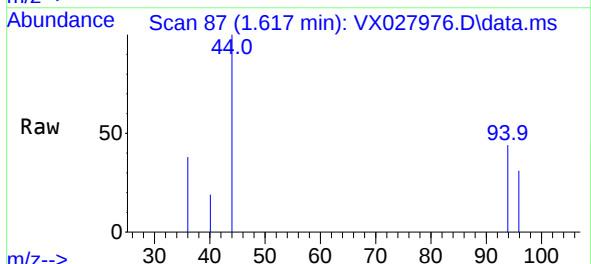
Instrument :
MSVOA_X
ClientSampleId :
IBLK

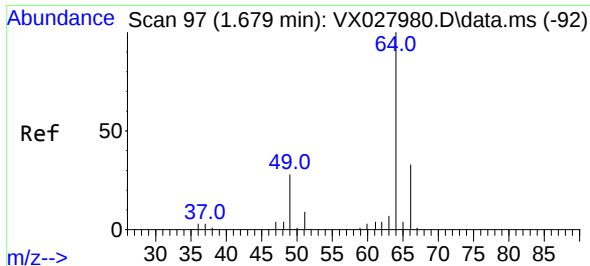
Tgt Ion:168 Resp: 96909
Ion Ratio Lower Upper
168 100
99 57.6 41.7 62.5



#5
Bromomethane
Concen: 0.401 ug/l
RT: 1.617 min Scan# 87
Delta R.T. 0.018 min
Lab File: VX027976.D
Acq: 05 Apr 2022 13:02

Tgt Ion: 94 Resp: 158
Ion Ratio Lower Upper
94 100
96 69.9 75.3 112.9#

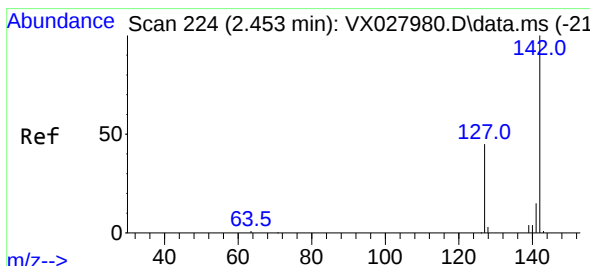
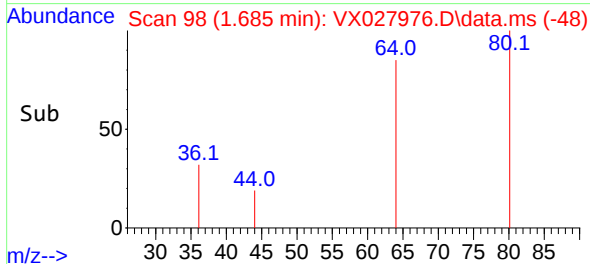
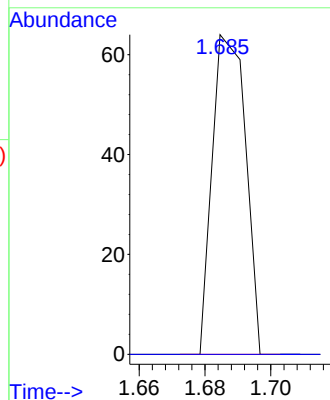
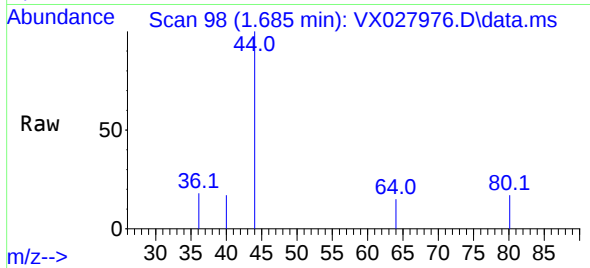




#6
Chloroethane
Concen: Below Cal
RT: 1.685 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX027976.D
Acq: 05 Apr 2022 13:02

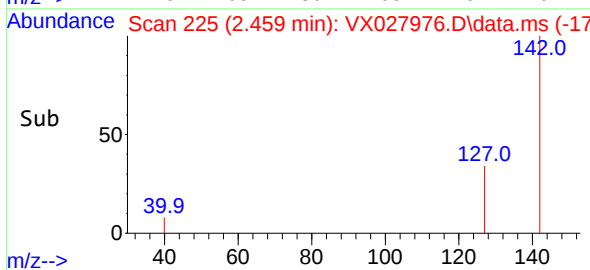
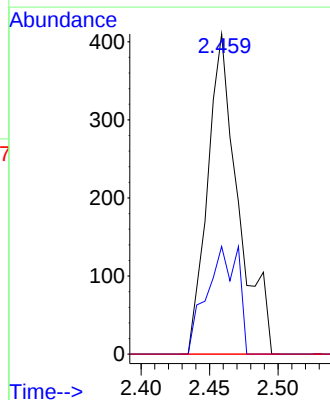
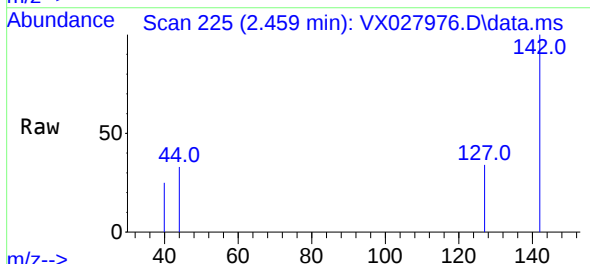
Instrument :
MSVOA_X
ClientSampleId :
IBLK

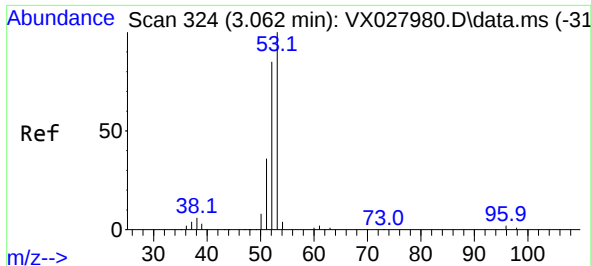
Tgt Ion: 64 Resp: 45
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



#10
Methyl Iodide
Concen: 3.981 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.006 min
Lab File: VX027976.D
Acq: 05 Apr 2022 13:02

Tgt Ion: 142 Resp: 638
Ion Ratio Lower Upper
142 100
127 34.3 33.9 50.9
141 0.0 11.4 17.2#

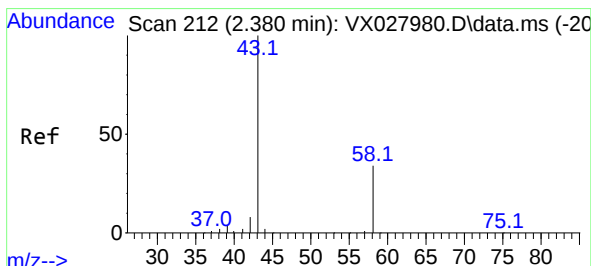
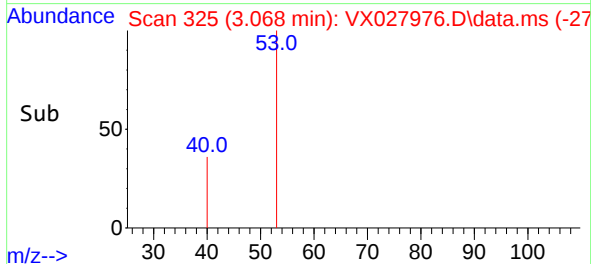
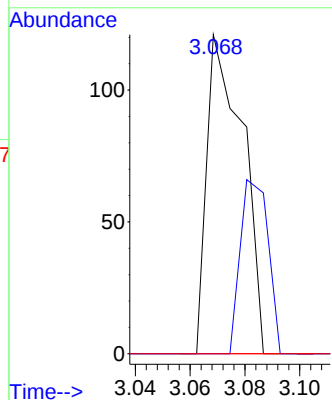
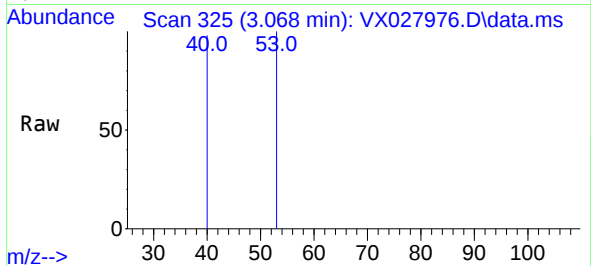




#15
Acrylonitrile
Concen: 0.208 ug/l
RT: 3.068 min Scan# 31
Delta R.T. 0.006 min
Lab File: VX027976.D
Acq: 05 Apr 2022 13:02

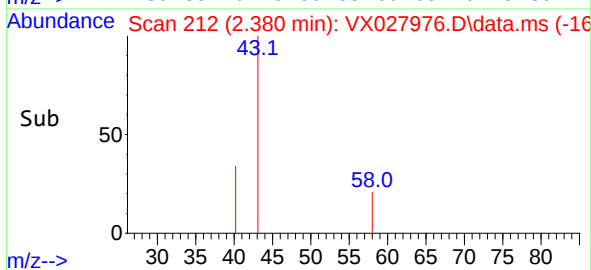
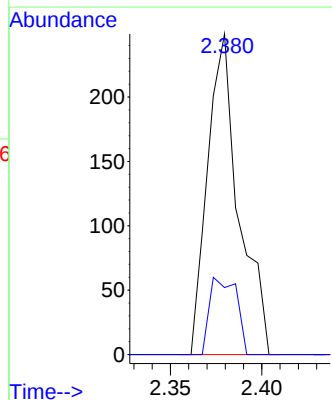
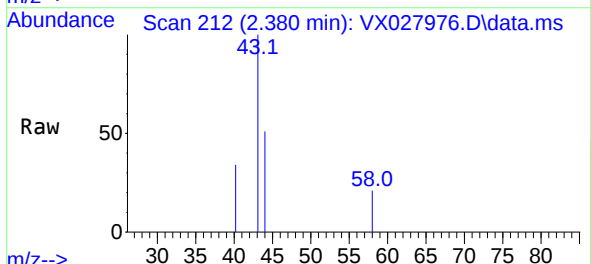
Instrument :
MSVOA_X
ClientSampleId :
IBLK

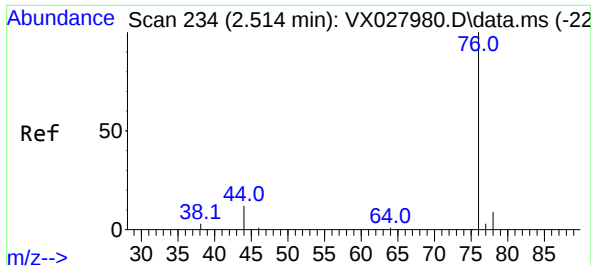
Tgt Ion: 53 Resp: 110
Ion Ratio Lower Upper
53 100
52 41.8 65.7 98.5#
51 0.0 28.4 42.6#



#16
Acetone
Concen: 0.652 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX027976.D
Acq: 05 Apr 2022 13:02

Tgt Ion: 43 Resp: 295
Ion Ratio Lower Upper
43 100
58 20.9 28.8 43.2#





#17

Carbon Disulfide

Concen: 0.253 ug/l

RT: 2.514 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX027976.D

Acq: 05 Apr 2022 13:02

Instrument :

MSVOA_X

ClientSampleId :

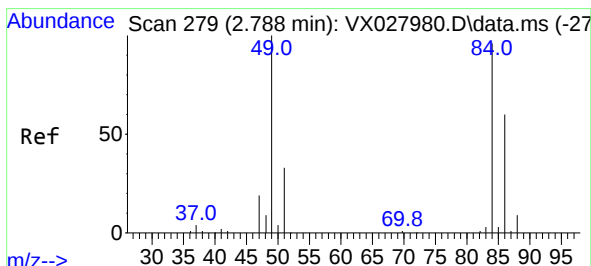
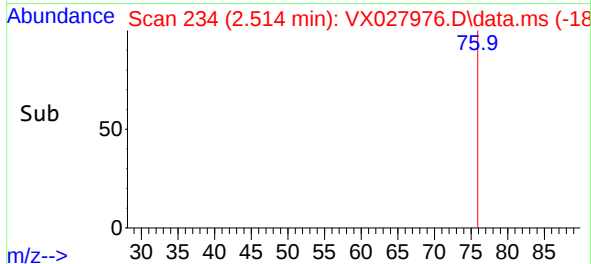
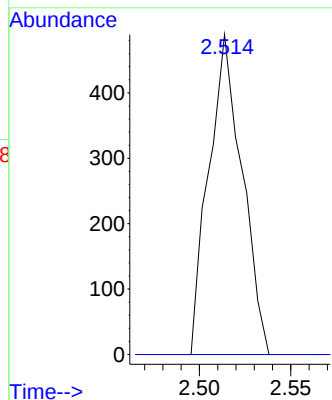
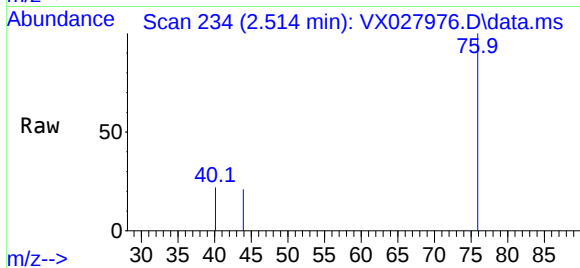
IBLK

Tgt Ion: 76 Resp: 620

Ion Ratio Lower Upper

76 100

78 0.0 7.2 10.8#



#20

Methylene Chloride

Concen: 0.233 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.006 min

Lab File: VX027976.D

Acq: 05 Apr 2022 13:02

Tgt Ion: 84 Resp: 236

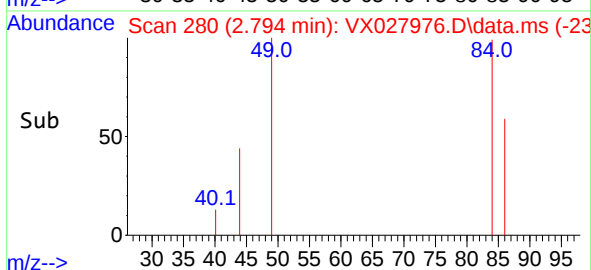
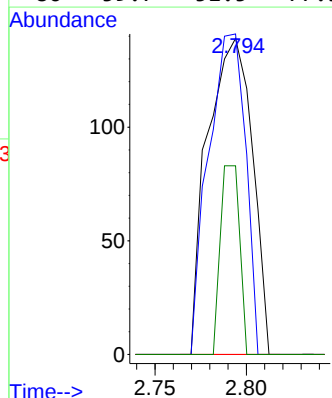
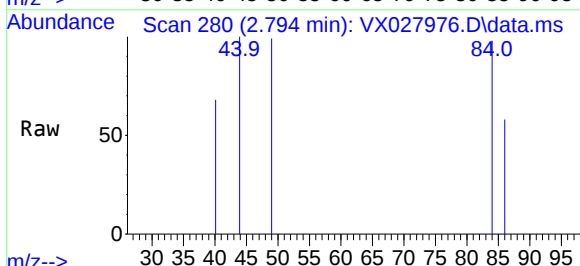
Ion Ratio Lower Upper

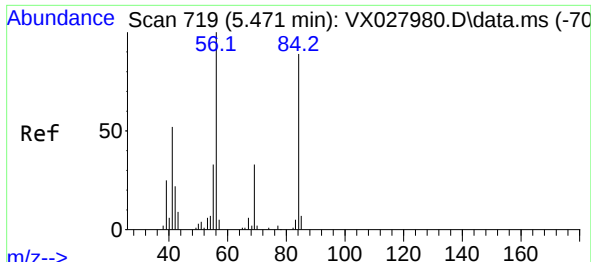
84 100

49 101.4 85.5 128.3

51 0.0 26.6 39.8#

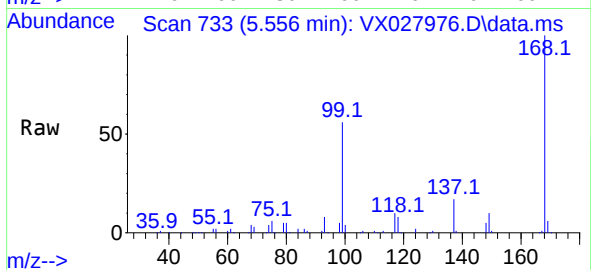
86 59.7 51.5 77.3



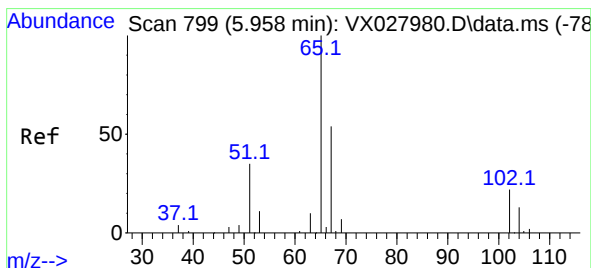
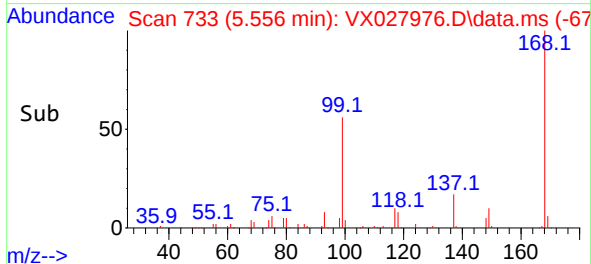
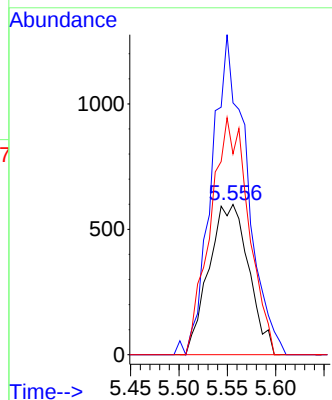


#31
Cyclohexane
Concen: 1.097 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.085 min
Lab File: VX027976.D
Acq: 05 Apr 2022 13:02

Instrument :
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ClientSampleId :
IBLK

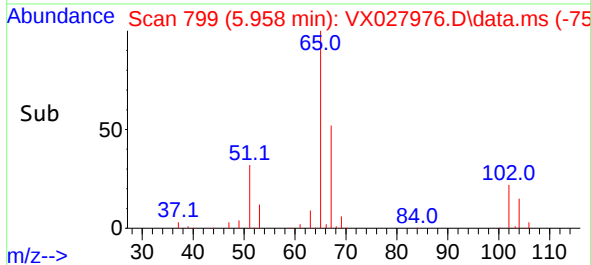
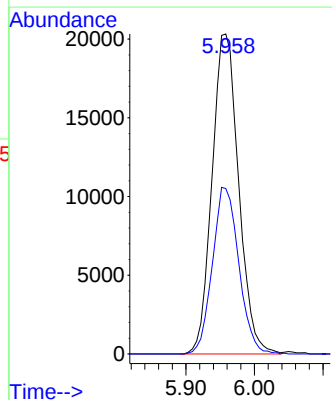
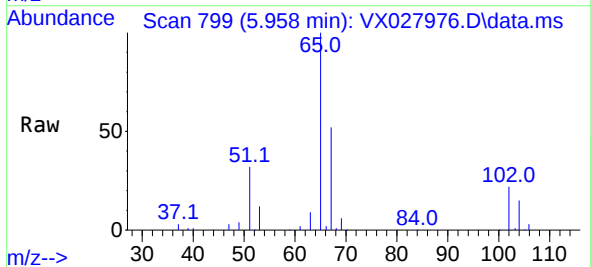


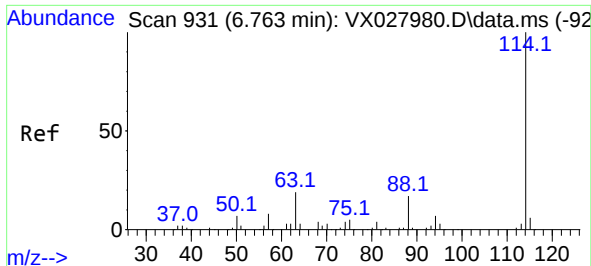
Tgt Ion: 56 Resp: 1718
Ion Ratio Lower Upper
56 100
69 159.1 26.7 40.1#
84 133.7 77.2 115.8#



#33
1,2-Dichloroethane-d4
Concen: 45.263 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX027976.D
Acq: 05 Apr 2022 13:02

Tgt Ion: 65 Resp: 54727
Ion Ratio Lower Upper
65 100
67 51.7 0.0 107.4

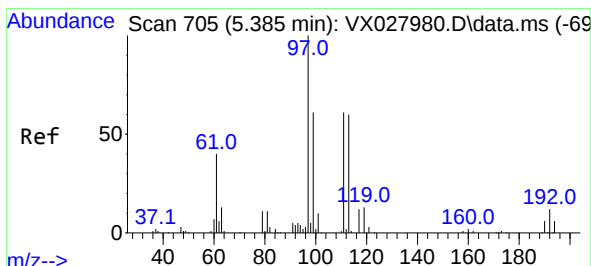
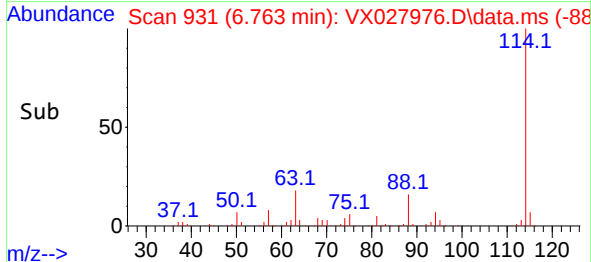
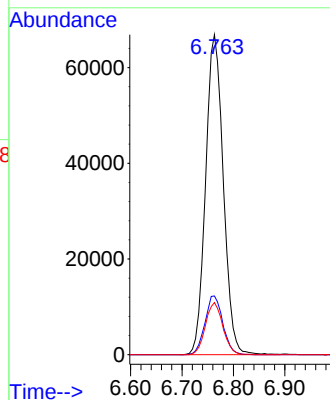
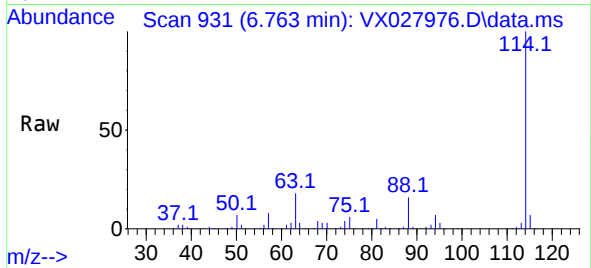




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX027976.D
Acq: 05 Apr 2022 13:02

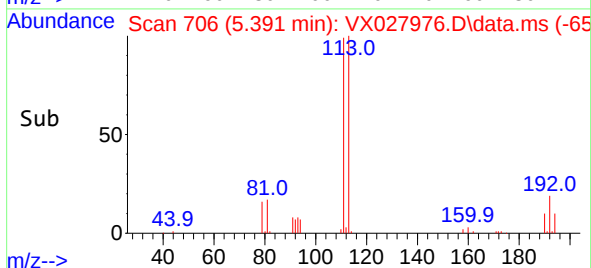
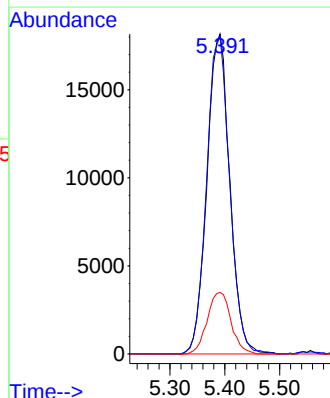
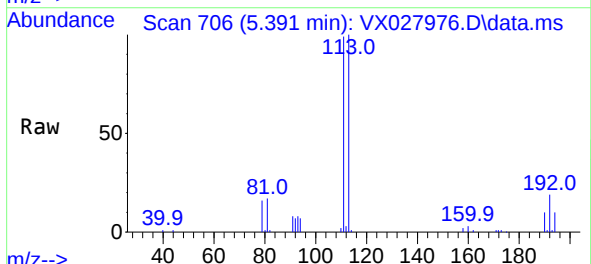
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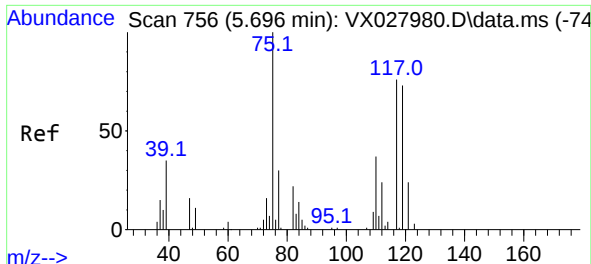
Tgt Ion:114 Resp: 159707
Ion Ratio Lower Upper
114 100
63 18.3 0.0 36.8
88 16.3 0.0 32.4



#35
Dibromofluoromethane
Concen: 48.560 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX027976.D
Acq: 05 Apr 2022 13:02

Tgt Ion:113 Resp: 52483
Ion Ratio Lower Upper
113 100
111 100.2 82.8 124.2
192 20.0 16.9 25.3

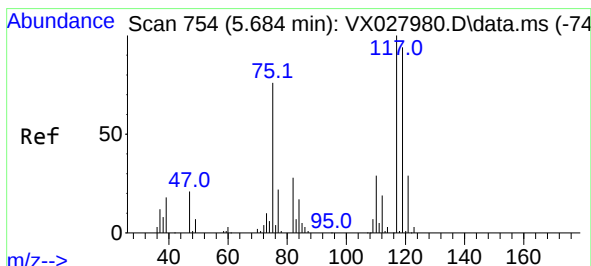
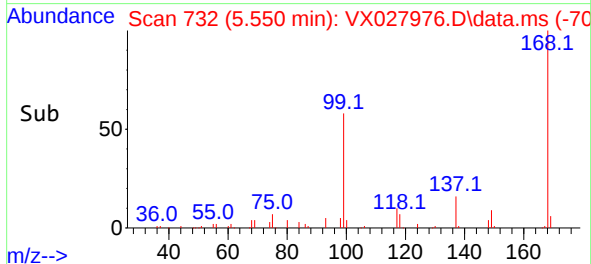
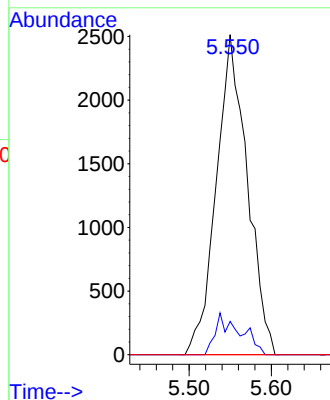
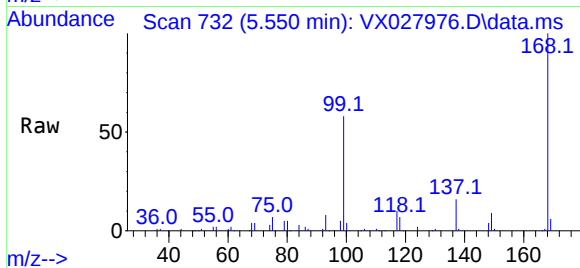




#36
1,1-Dichloropropene
Concen: 4.634 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.146 min
Lab File: VX027976.D
Acq: 05 Apr 2022 13:02

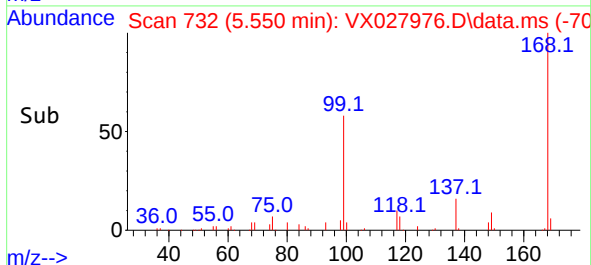
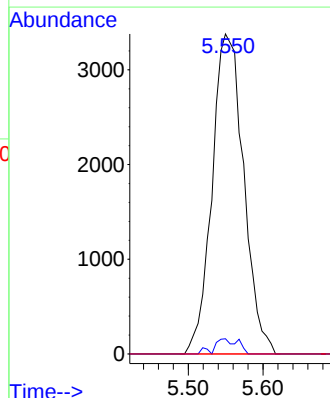
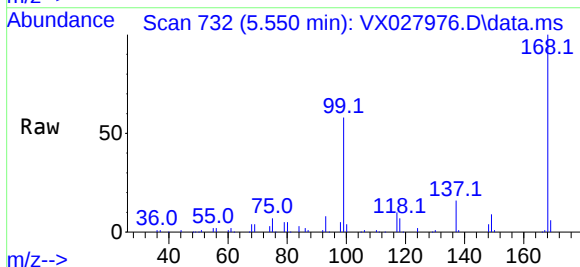
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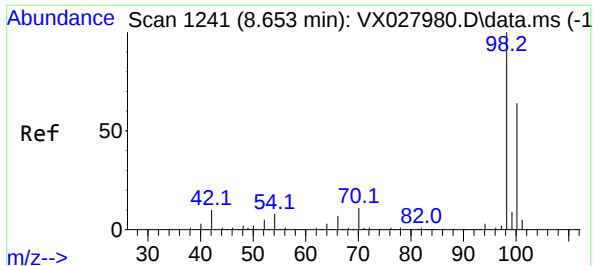
Tgt Ion: 75 Resp: 6585
Ion Ratio Lower Upper
75 100
110 10.4 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 6.291 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX027976.D
Acq: 05 Apr 2022 13:02

Tgt Ion: 117 Resp: 9934
Ion Ratio Lower Upper
117 100
119 4.8 77.3 115.9#
121 0.0 24.2 36.2#

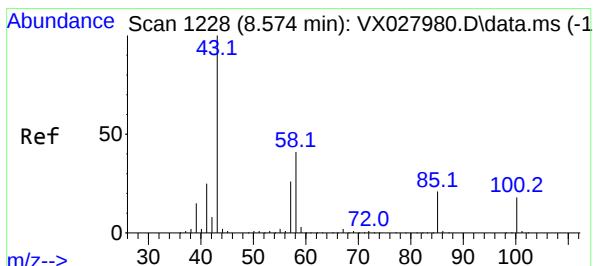
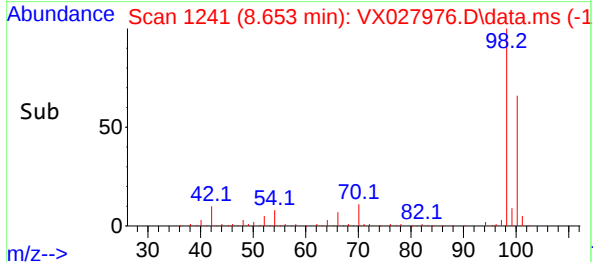
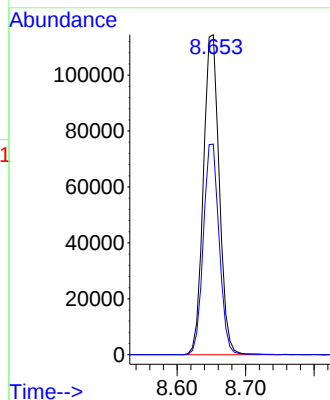
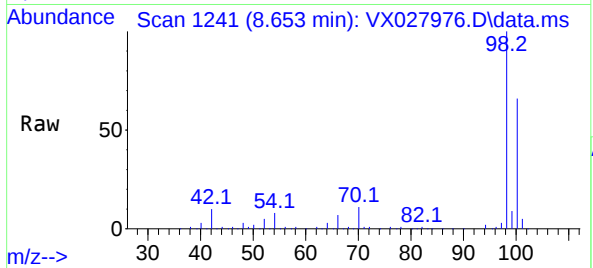




#50
Toluene-d8
Concen: 46.741 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX027976.D
Acq: 05 Apr 2022 13:02

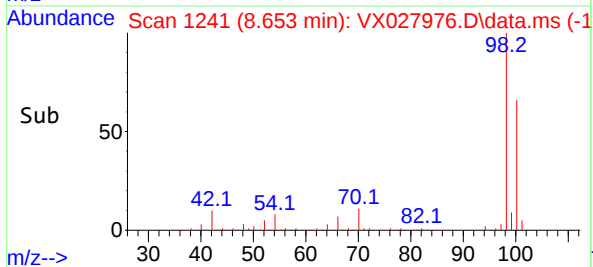
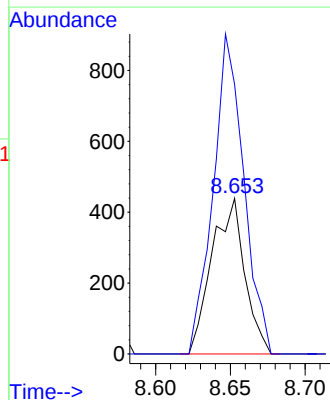
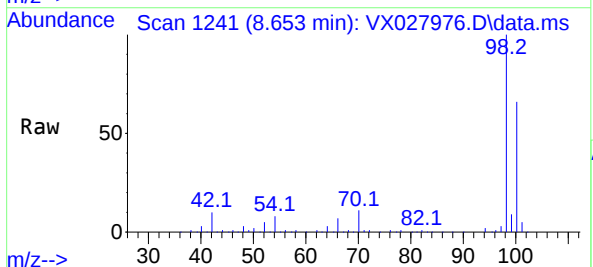
Instrument :
MSVOA_X
ClientSampleId :
IBLK

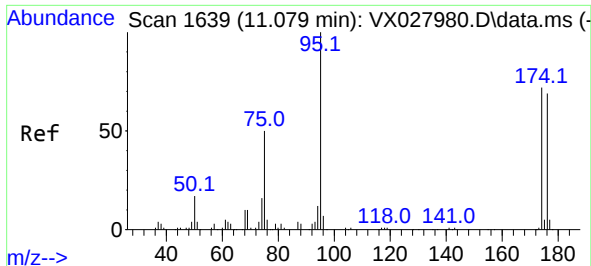
Tgt Ion: 98 Resp: 184571
Ion Ratio Lower Upper
98 100
100 65.6 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.456 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX027976.D
Acq: 05 Apr 2022 13:02

Tgt Ion: 43 Resp: 672
Ion Ratio Lower Upper
43 100
58 191.7 36.1 54.1#

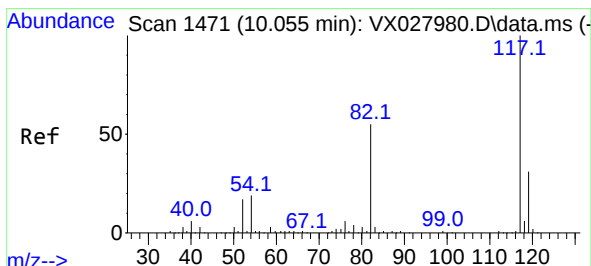
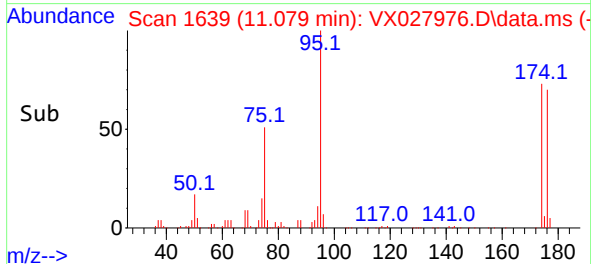
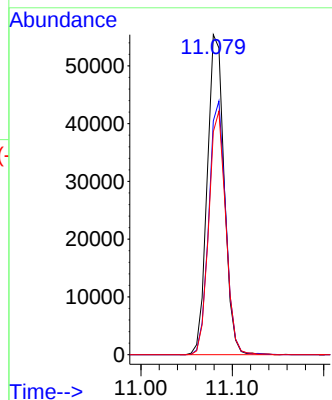
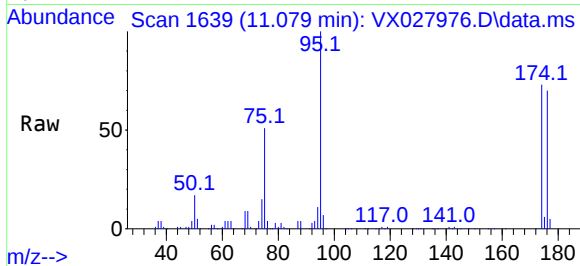




#62
4-Bromofluorobenzene
Concen: 45.867 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX027976.D
Acq: 05 Apr 2022 13:02

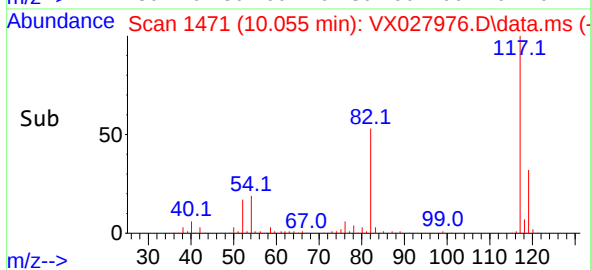
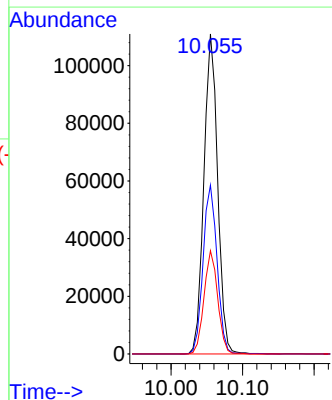
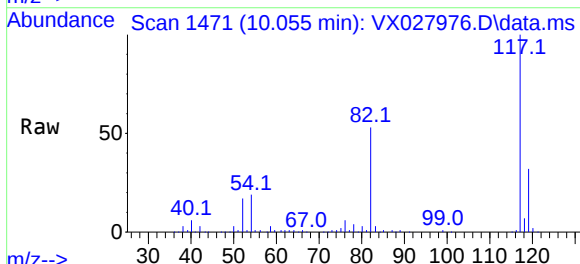
Instrument :
MSVOA_X
ClientSampleId :
IBLK

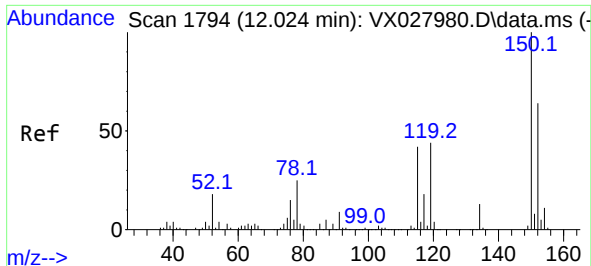
Tgt Ion: 95 Resp: 71224
Ion Ratio Lower Upper
95 100
174 78.9 0.0 163.0
176 75.9 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027976.D
Acq: 05 Apr 2022 13:02

Tgt Ion: 117 Resp: 148420
Ion Ratio Lower Upper
117 100
82 52.7 41.8 62.8
119 32.2 24.8 37.2

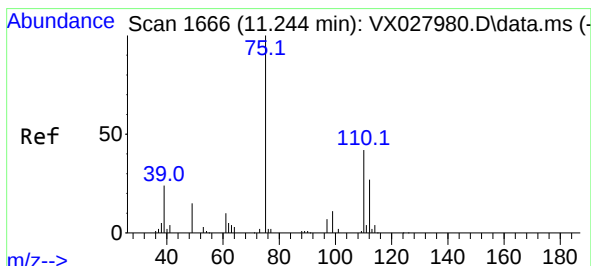
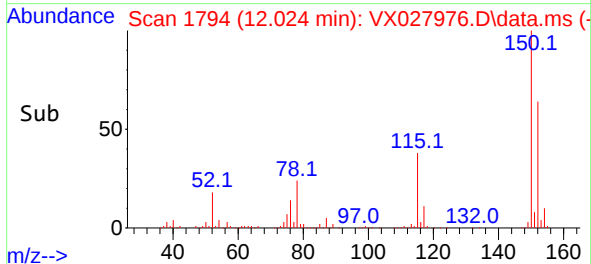
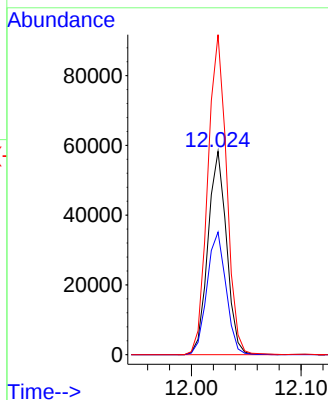
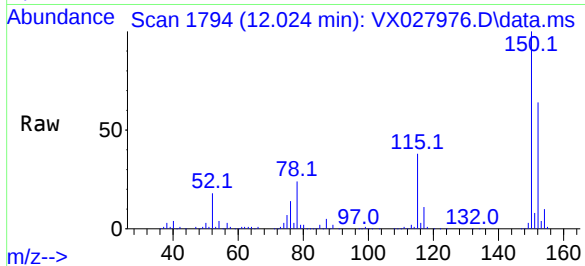




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027976.D
Acq: 05 Apr 2022 13:02

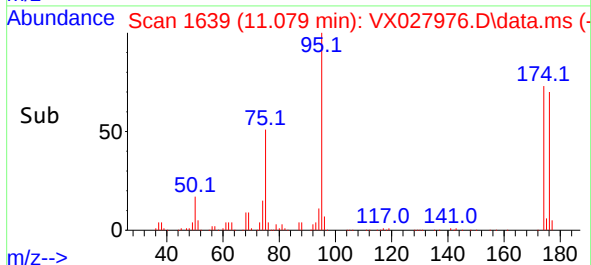
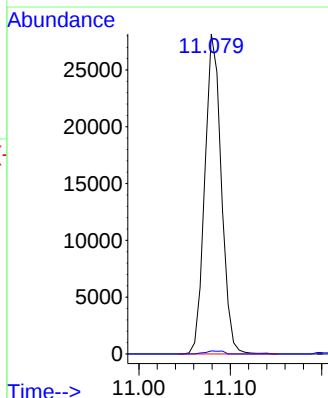
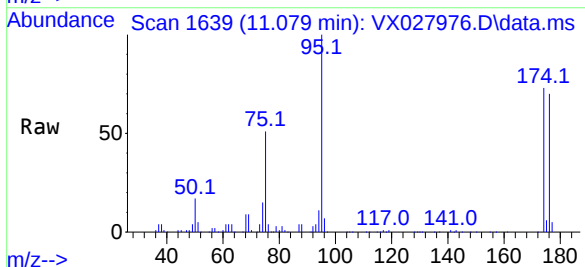
Instrument :
MSVOA_X
ClientSampleId :
IBLK

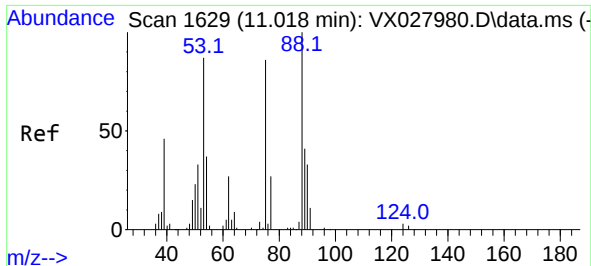
Tgt Ion:152 Resp: 68680
Ion Ratio Lower Upper
152 100
115 61.8 37.5 112.7
150 159.5 0.0 338.2



#76
1,2,3-Trichloropropane
Concen: 24.988 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX027976.D
Acq: 05 Apr 2022 13:02

Tgt Ion: 75 Resp: 35236
Ion Ratio Lower Upper
75 100
77 1.0 19.4 58.2#

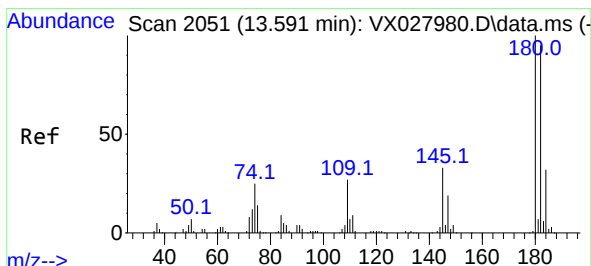
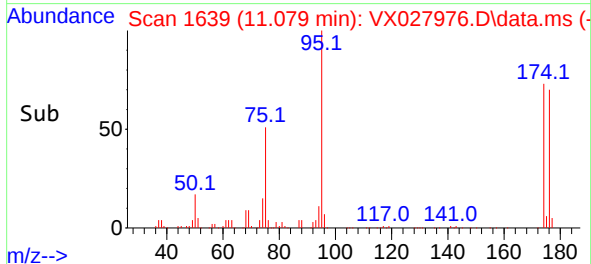
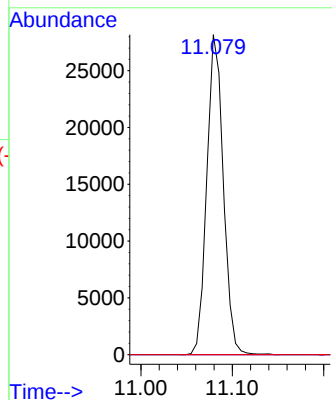
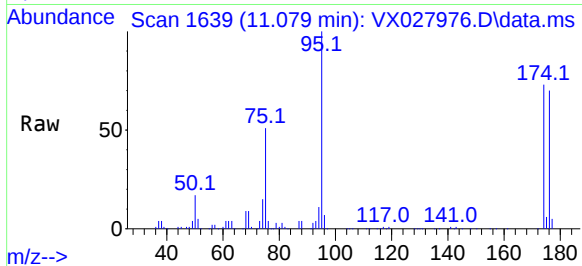




#81
trans-1,4-Dichloro-2-butene
Concen: 78.778 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX027976.D
Acq: 05 Apr 2022 13:02

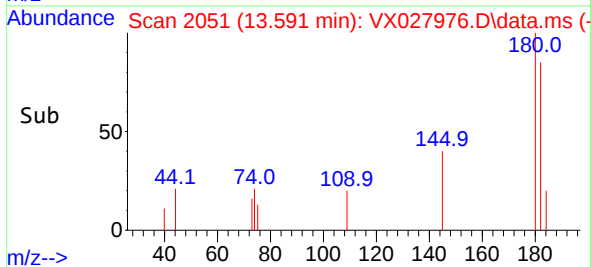
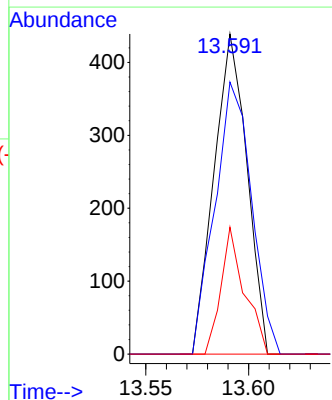
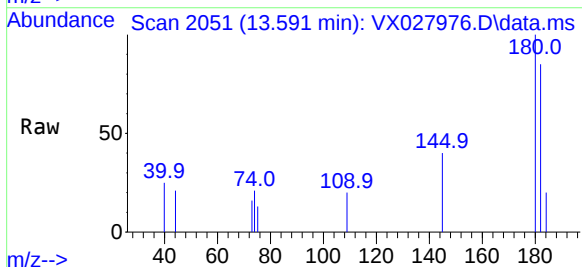
Instrument :
MSVOA_X
ClientSampleId :
IBLK

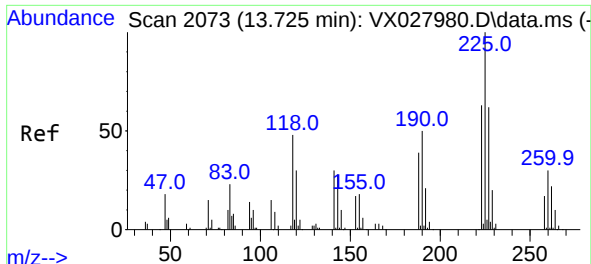
Tgt Ion: 75 Resp: 35236
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#



#93
1,2,4-Trichlorobenzene
Concen: 0.330 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX027976.D
Acq: 05 Apr 2022 13:02

Tgt Ion:180 Resp: 488
Ion Ratio Lower Upper
180 100
182 94.9 47.7 143.1
145 28.5 15.2 45.5

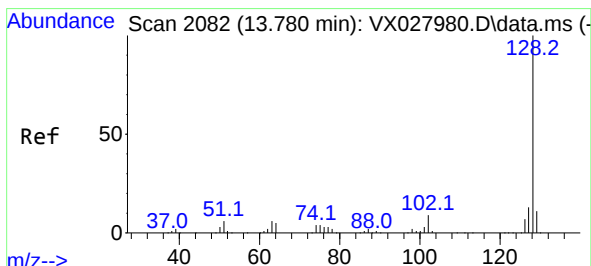
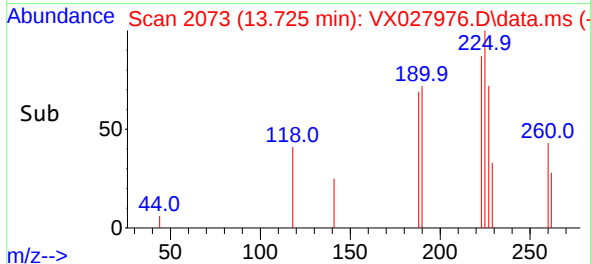
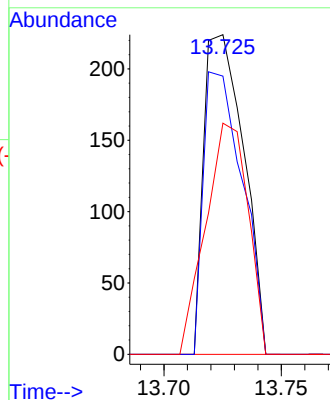
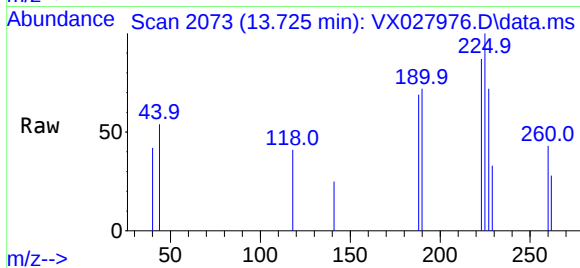




#94
Hexachlorobutadiene
Concen: 0.375 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX027976.D
Acq: 05 Apr 2022 13:02

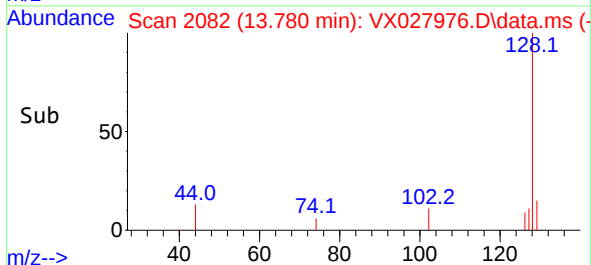
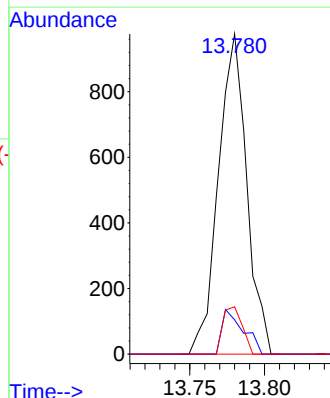
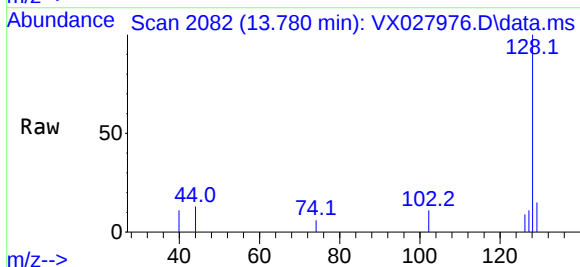
Instrument :
MSVOA_X
ClientSampleId :
IBLK

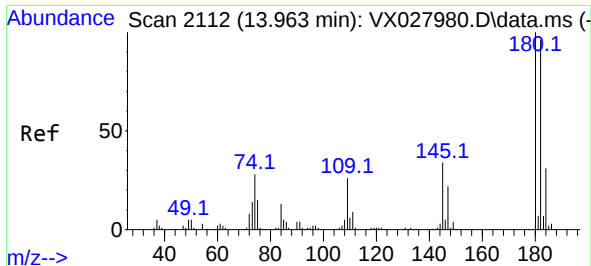
Tgt Ion:	225	Resp:	265
Ion	Ratio	Lower	Upper
225	100		
223	86.4	34.2	102.5
227	76.6	33.9	101.7



#95
Naphthalene
Concen: 0.267 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX027976.D
Acq: 05 Apr 2022 13:02

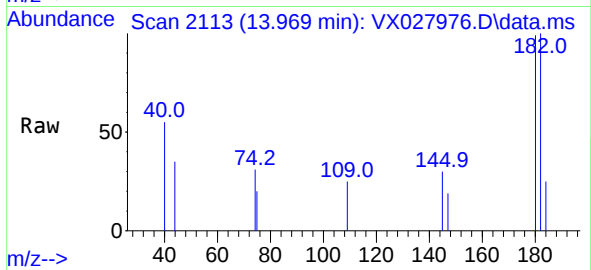
Tgt Ion:	128	Resp:	1284
Ion	Ratio	Lower	Upper
128	100		
127	10.5	10.2	15.4
129	10.1	8.7	13.1





#96
 1,2,3-Trichlorobenzene
 Concen: 0.348 ug/l
 RT: 13.969 min Scan# 2113
 Delta R.T. 0.006 min
 Lab File: VX027976.D
 Acq: 05 Apr 2022 13:02

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK



Tgt Ion:	180	Resp:	503
Ion	Ratio	Lower	Upper
180	100		
182	86.1	50.0	149.8
145	34.4	16.2	48.5

