

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050823\
 Data File : VX035569.D
 Acq On : 08 May 2023 18:44
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: May 09 03:49:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 16:31:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	254814	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	413252	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	380348	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	175140	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	150440	48.937	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.880%
35) Dibromofluoromethane	5.391	113	129412	51.022	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.040%
50) Toluene-d8	8.647	98	482941	50.473	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.940%
62) 4-Bromofluorobenzene	11.079	95	185651	51.578	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.160%

Target Compounds			Qvalue			
3) Chloromethane	1.288	50	1653	0.674	ug/l #	42
5) Bromomethane	1.617	94	553	0.338	ug/l #	51
12) 1,1-Dichloroethene	2.319	96	498	0.201	ug/l #	66
13) Acrolein	2.239	56	260	0.472	ug/l	86
15) Acrylonitrile	3.081	53	884	0.631	ug/l #	87
16) Acetone	2.404	43	845	0.633	ug/l	89
17) Carbon Disulfide	2.514	76	4031	0.679	ug/l	96
20) Methylene Chloride	2.788	84	1590	0.519	ug/l #	78
21) trans-1,2-Dichloroethene	3.093	96	879	0.327	ug/l #	80
23) Vinyl Acetate	3.745	43	1296	0.219	ug/l #	72
29) Tetrahydrofuran	5.050	42	283	0.227	ug/l #	65
36) 1,1-Dichloropropene	5.708	75	870	0.220	ug/l #	85
38) Carbon Tetrachloride	5.556	117	24331	6.472	ug/l #	15
44) Trichloroethene	7.135	130	762	0.243	ug/l	95
49) 1,4-Dioxane	7.738	88	68	0.936	ug/l #	24
64) Tetrachloroethene	9.275	164	830	0.285	ug/l #	84
65) Chlorobenzene	10.079	112	1996	0.243	ug/l	96
68) m/p-Xylenes	10.305	106	2428	0.445	ug/l	96
73) Isopropylbenzene	10.963	105	3279	0.256	ug/l	93
76) 1,2,3-Trichloropropane	11.079	75	90791	25.987	ug/l #	34
77) Bromobenzene	11.201	156	773	0.243	ug/l	86
78) n-propylbenzene	11.305	91	5188	0.353	ug/l	99
79) 2-Chlorotoluene	11.366	91	3066	0.334	ug/l	92
80) 1,3,5-Trimethylbenzene	11.451	105	4166	0.386	ug/l	89
81) trans-1,4-Dichloro-2-b...	11.079	75	90791	84.168	ug/l #	8
82) 4-Chlorotoluene	11.463	91	4040	0.391	ug/l	95
83) tert-Butylbenzene	11.713	119	3639	0.336	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	4146	0.382	ug/l	99
85) sec-Butylbenzene	11.896	105	5728	0.431	ug/l	97
86) p-Isopropyltoluene	12.012	119	5065	0.448	ug/l	90
87) 1,3-Dichlorobenzene	11.969	146	3071	0.508	ug/l	93
88) 1,4-Dichlorobenzene	11.969	146	3071	0.484	ug/l	93
89) n-Butylbenzene	12.335	91	5315	0.557	ug/l	97
90) Hexachloroethane	12.536	117	462	0.267	ug/l #	24
91) 1,2-Dichlorobenzene	12.341	146	2335	0.386	ug/l	95
93) 1,2,4-Trichlorobenzene	13.591	180	3408	0.896	ug/l	93

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Quant Title : SW846 8260
QLast Update : Tue Apr 25 16:31:40 2023
Response via : Initial Calibration

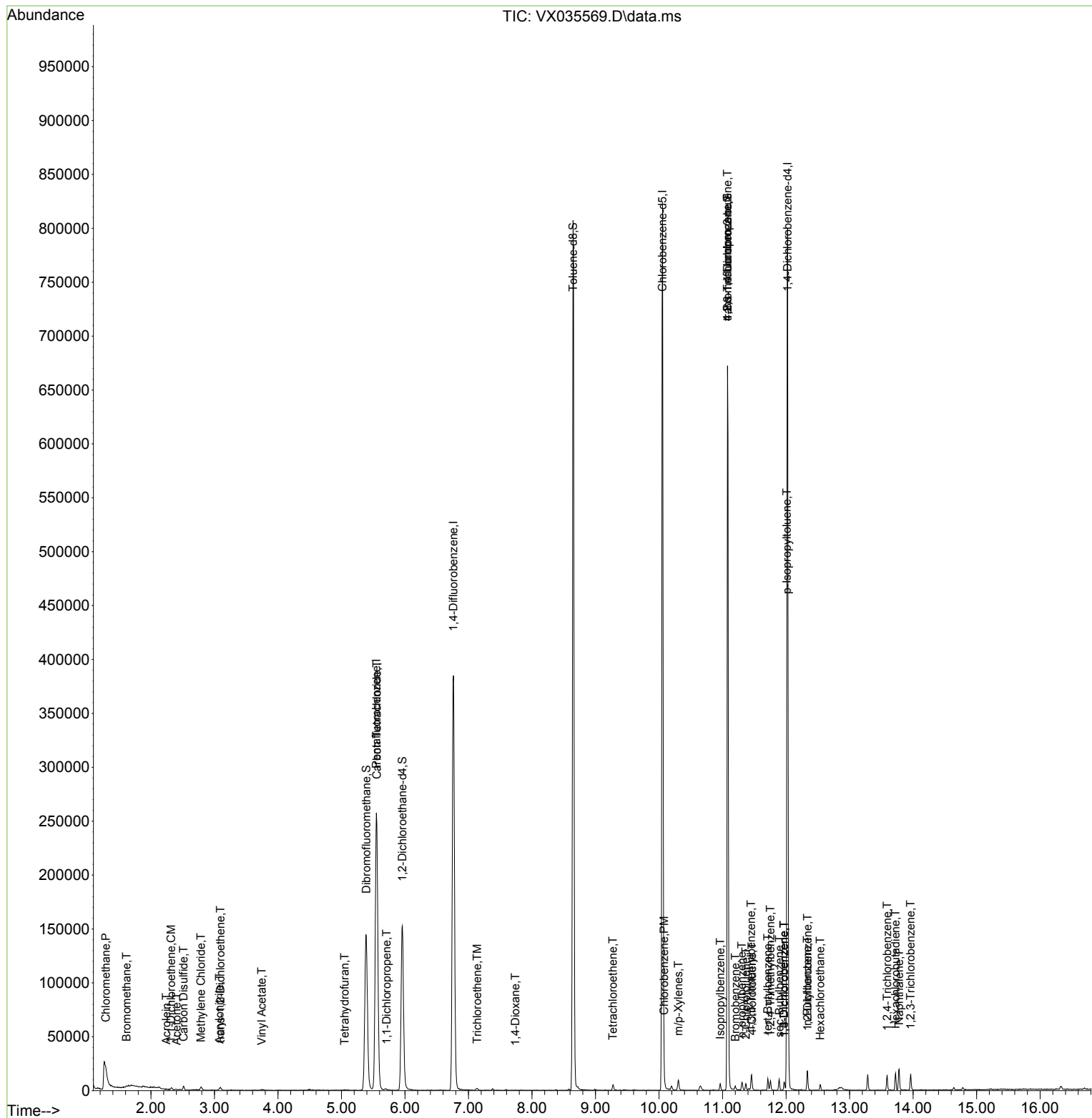
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.725	225	2527	1.514	ug/l	90
95) Naphthalene	13.780	128	14137	1.208	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	3698	0.966	ug/l	98

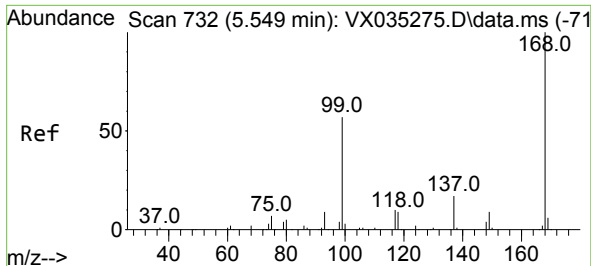
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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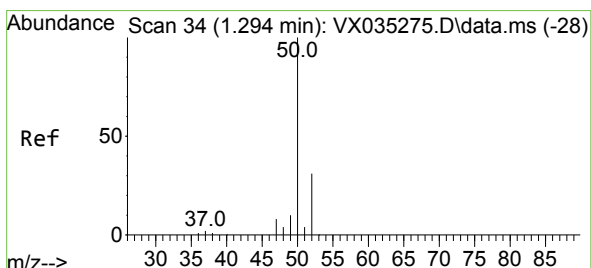
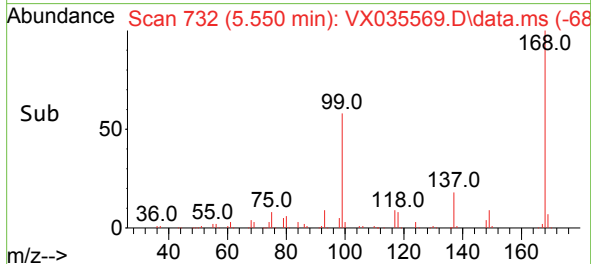
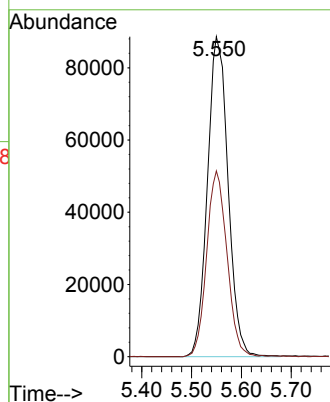
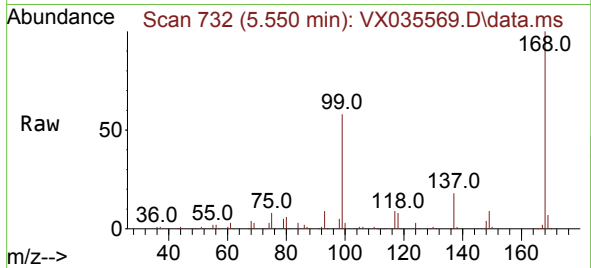




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX035569.D
Acq: 08 May 2023 18:44

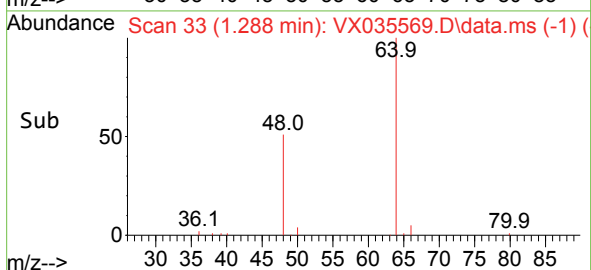
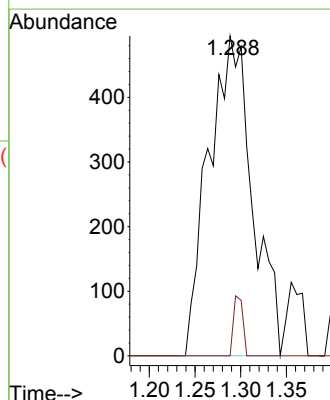
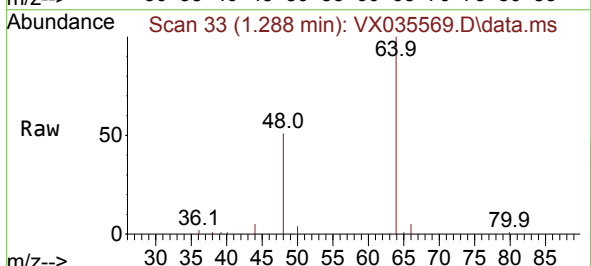
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IBLK

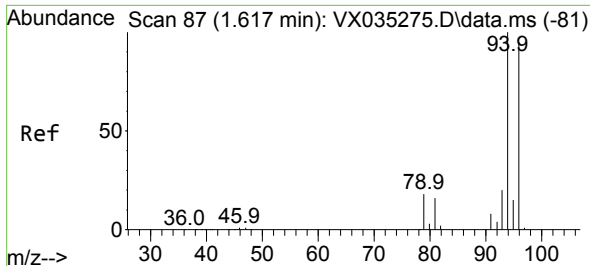
Tgt Ion:168 Resp: 254814
Ion Ratio Lower Upper
168 100
99 58.0 45.7 68.5



#3
Chloromethane
Concen: 0.674 ug/l
RT: 1.288 min Scan# 33
Delta R.T. -0.006 min
Lab File: VX035569.D
Acq: 08 May 2023 18:44

Tgt Ion: 50 Resp: 1653
Ion Ratio Lower Upper
50 100
52 0.0 25.9 38.9#

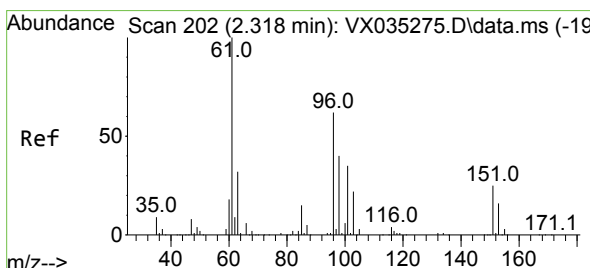
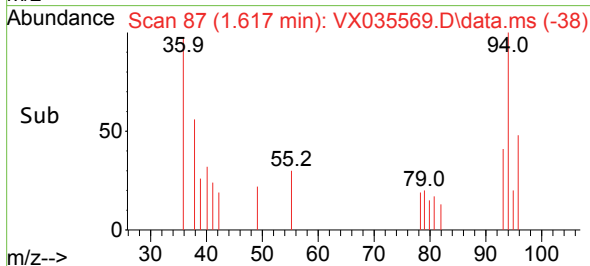
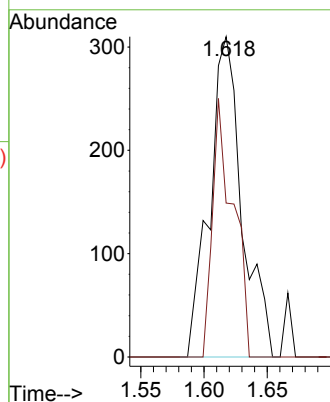
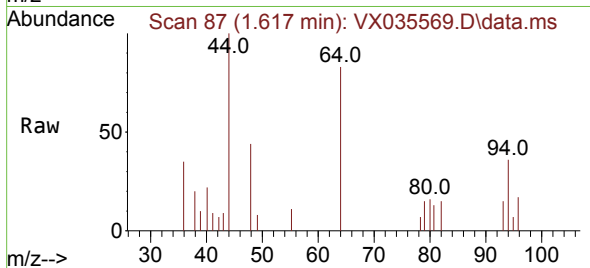




#5
Bromomethane
Concen: 0.338 ug/l
RT: 1.617 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX035569.D
Acq: 08 May 2023 18:44

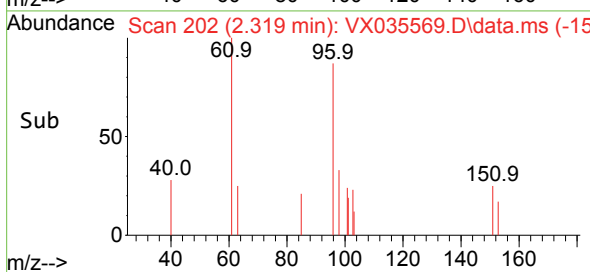
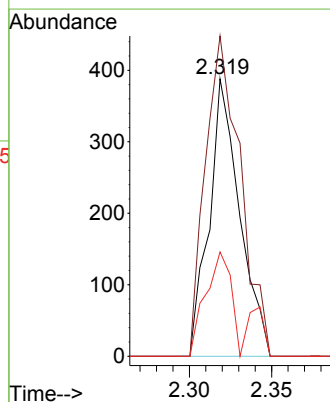
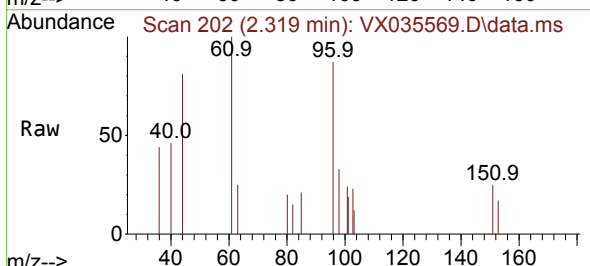
Instrument :
MSVOA_X
ClientSampleId :
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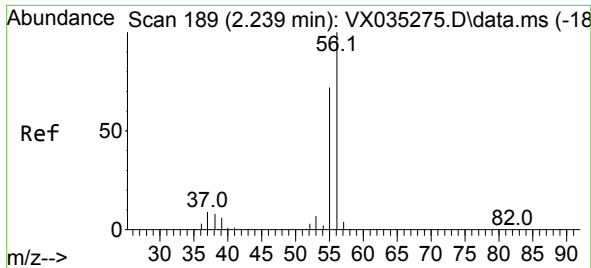
Tgt Ion: 94 Resp: 553
Ion Ratio Lower Upper
94 100
96 48.1 77.0 115.6#



#12
1,1-Dichloroethene
Concen: 0.201 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.001 min
Lab File: VX035569.D
Acq: 08 May 2023 18:44

Tgt Ion: 96 Resp: 498
Ion Ratio Lower Upper
96 100
61 115.5 128.8 193.2#
98 37.6 51.4 77.0#

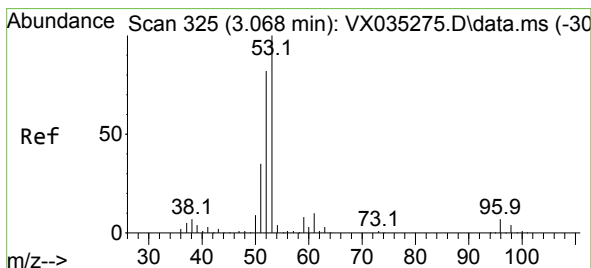
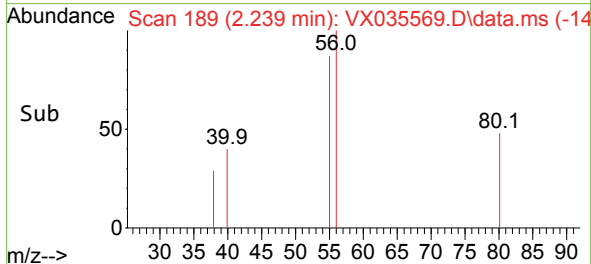
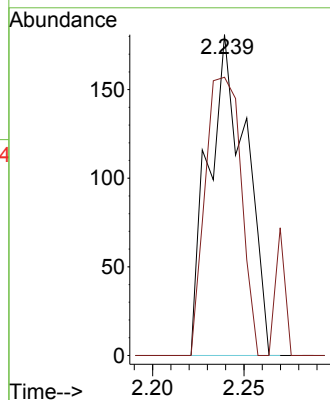
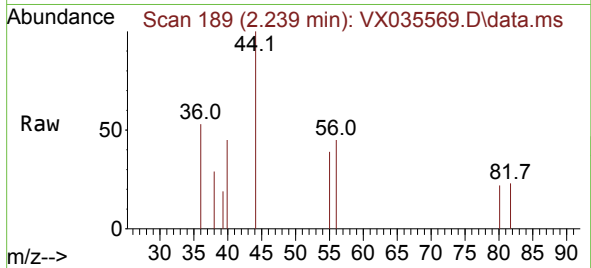




#13
Acrolein
Concen: 0.472 ug/l
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX035569.D
Acq: 08 May 2023 18:44

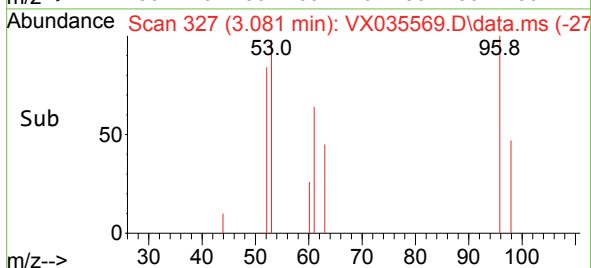
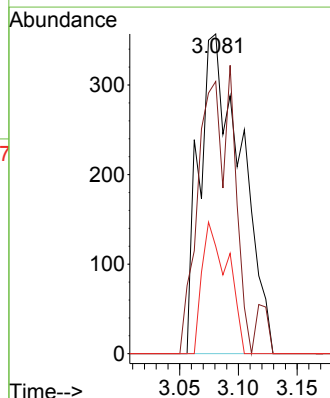
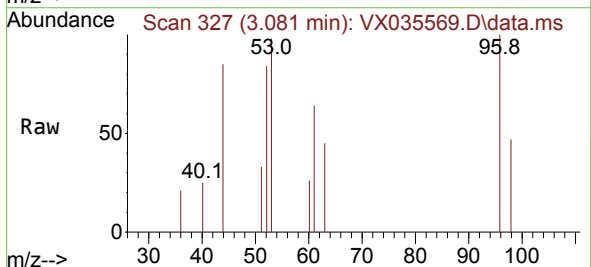
Instrument :
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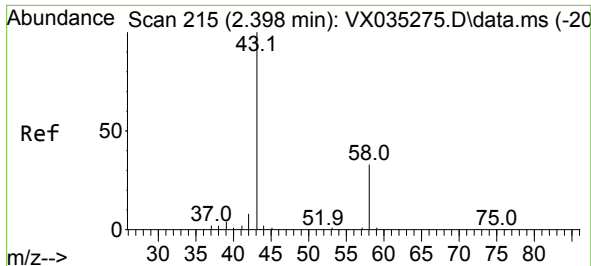
Tgt Ion: 56 Resp: 260
Ion Ratio Lower Upper
56 100
55 82.3 56.6 85.0



#15
Acrylonitrile
Concen: 0.631 ug/l
RT: 3.081 min Scan# 327
Delta R.T. 0.013 min
Lab File: VX035569.D
Acq: 08 May 2023 18:44

Tgt Ion: 53 Resp: 884
Ion Ratio Lower Upper
53 100
52 72.9 66.2 99.2
51 25.3 28.3 42.5#

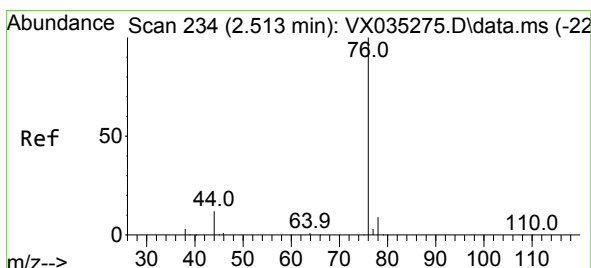
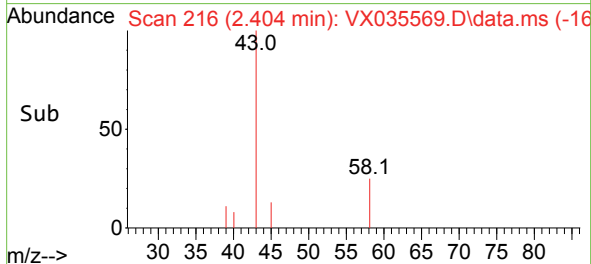
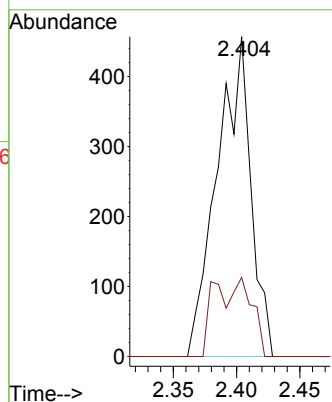
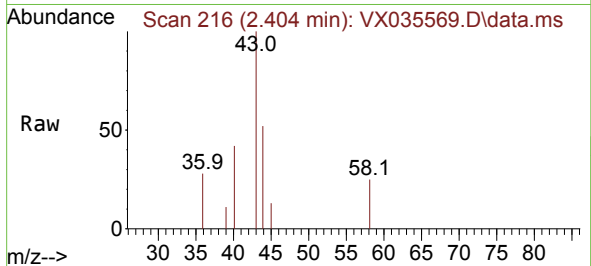




#16
Acetone
Concen: 0.633 ug/l
RT: 2.404 min Scan# 215
Delta R.T. 0.006 min
Lab File: VX035569.D
Acq: 08 May 2023 18:44

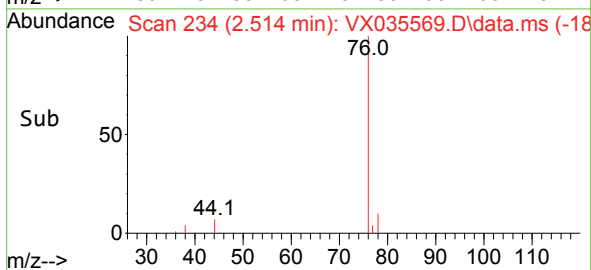
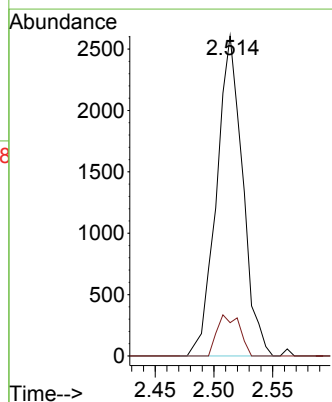
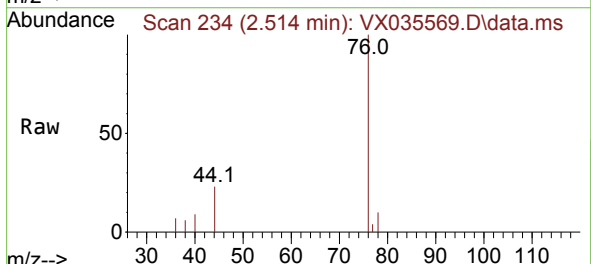
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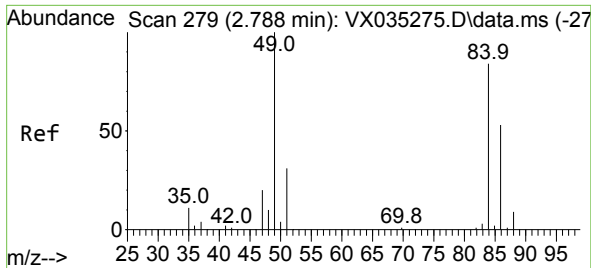
Tgt Ion: 43 Resp: 845
Ion Ratio Lower Upper
43 100
58 24.7 24.7 37.1



#17
Carbon Disulfide
Concen: 0.679 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.001 min
Lab File: VX035569.D
Acq: 08 May 2023 18:44

Tgt Ion: 76 Resp: 4031
Ion Ratio Lower Upper
76 100
78 10.4 7.2 10.8

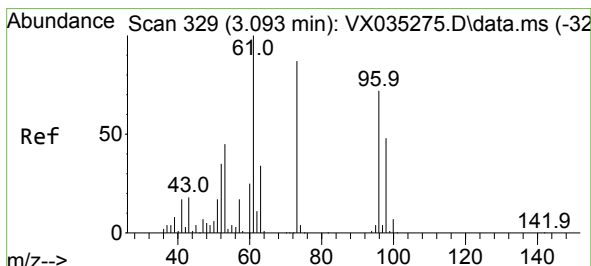
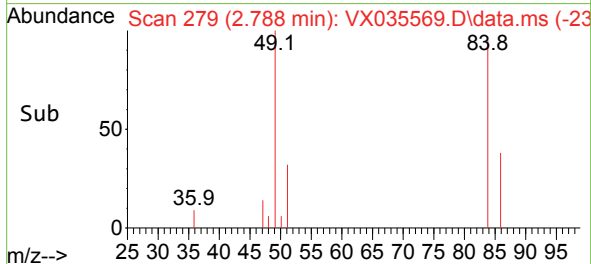
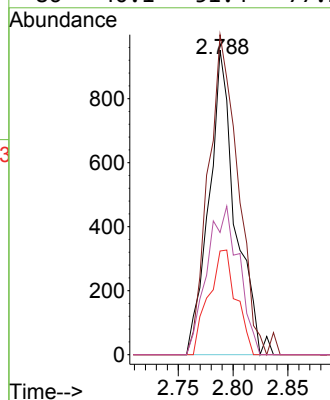
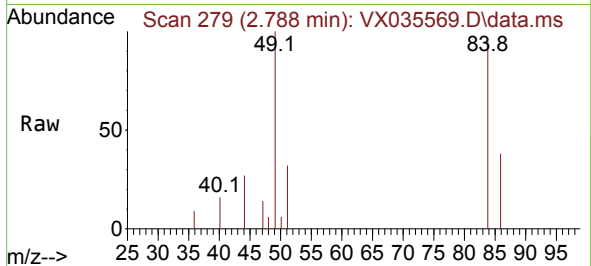




#20
Methylene Chloride
Concen: 0.519 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX035569.D
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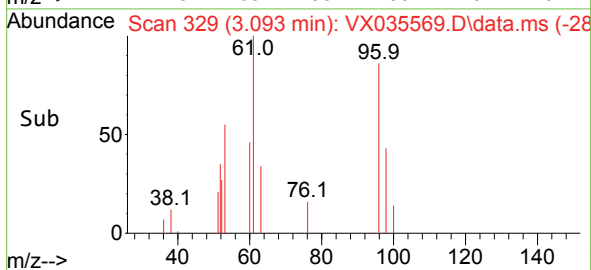
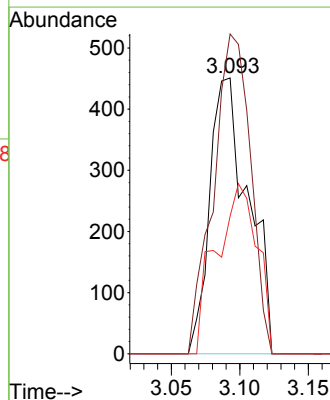
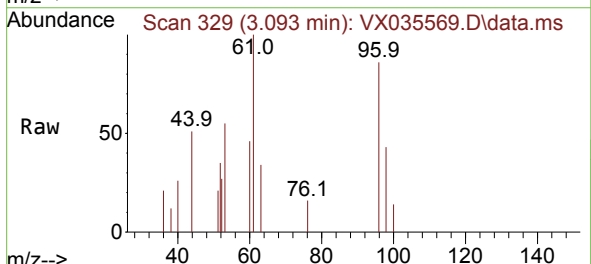
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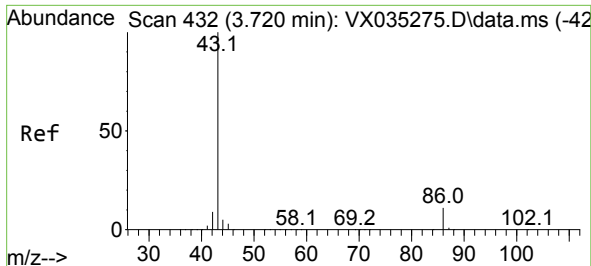
Tgt Ion:	84	Resp:	1590
Ion	Ratio	Lower	Upper
84	100		
49	105.0	103.8	155.8
51	34.0	31.8	47.8
86	40.1	51.4	77.2#



#21
trans-1,2-Dichloroethene
Concen: 0.327 ug/l
RT: 3.093 min Scan# 329
Delta R.T. -0.000 min
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Tgt Ion:	96	Resp:	879
Ion	Ratio	Lower	Upper
96	100		
61	116.0	113.0	169.6
98	49.9	52.1	78.1#

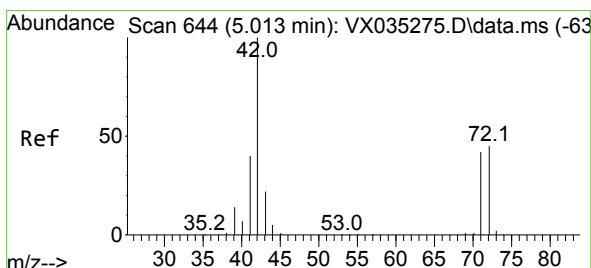
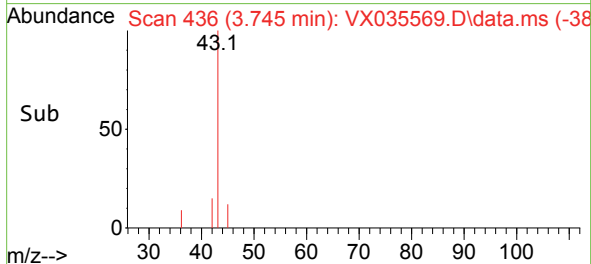
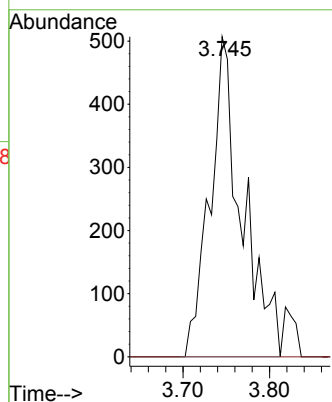
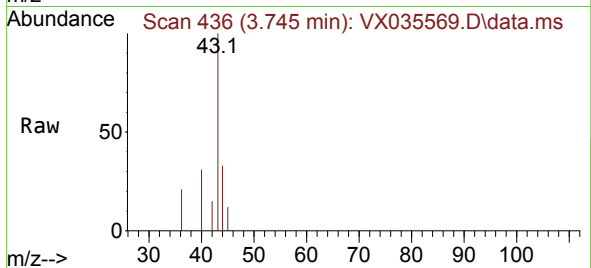




#23
 Vinyl Acetate
 Concen: 0.219 ug/l
 RT: 3.745 min Scan# 41
 Delta R.T. 0.025 min
 Lab File: VX035569.D
 Acq: 08 May 2023 18:44

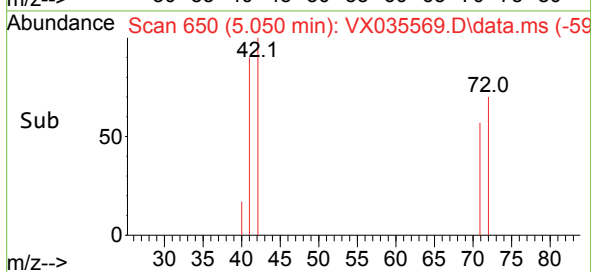
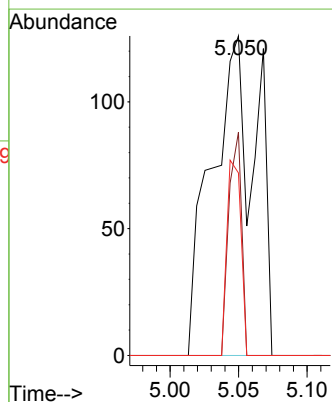
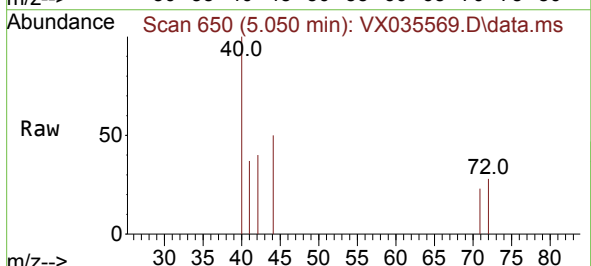
Instrument :
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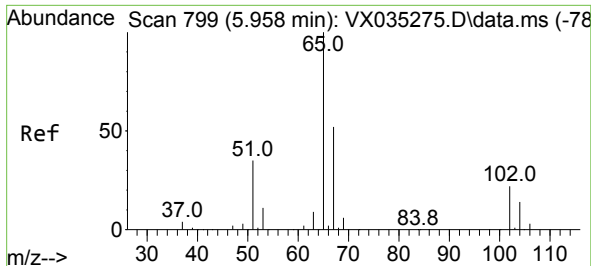
Tgt Ion: 43 Resp: 1296
 Ion Ratio Lower Upper
 43 100
 86 0.0 8.5 12.7#



#29
 Tetrahydrofuran
 Concen: 0.227 ug/l
 RT: 5.050 min Scan# 650
 Delta R.T. 0.037 min
 Lab File: VX035569.D
 Acq: 08 May 2023 18:44

Tgt Ion: 42 Resp: 283
 Ion Ratio Lower Upper
 42 100
 72 20.1 34.5 51.7#
 71 19.4 32.1 48.1#





#33

1,2-Dichloroethane-d4

Concen: 48.937 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX035569.D

Acq: 08 May 2023 18:44

Instrument :

MSVOA_X

ClientSampleId :

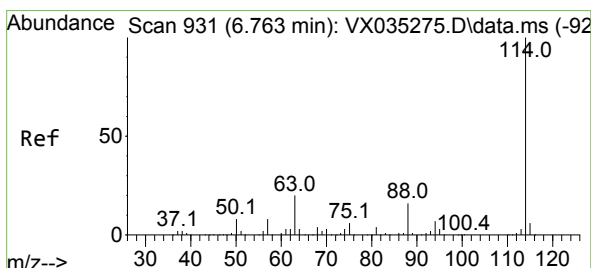
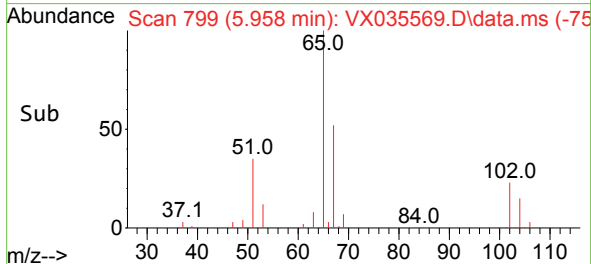
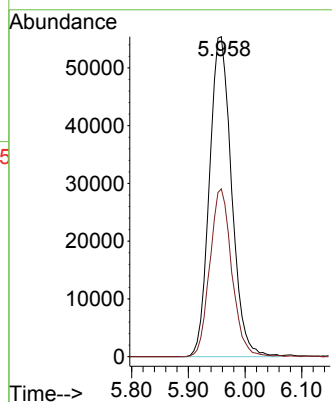
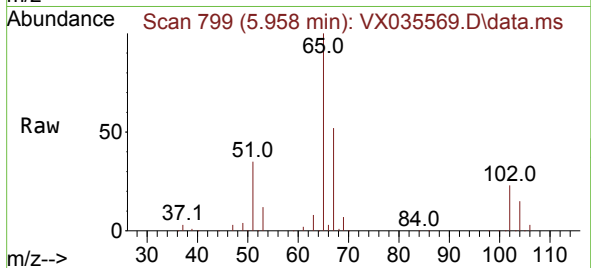
IBLK

Tgt Ion: 65 Resp: 150440

Ion Ratio Lower Upper

65 100

67 51.8 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: VX035569.D

Acq: 08 May 2023 18:44

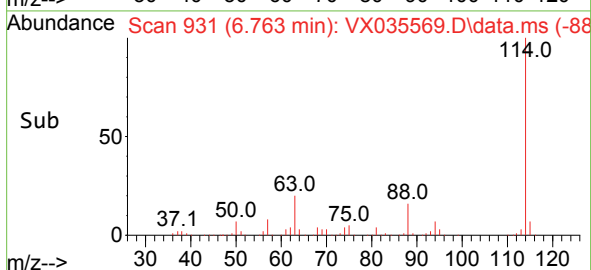
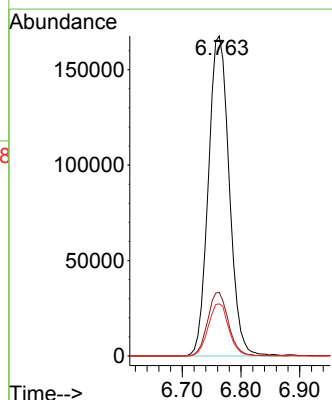
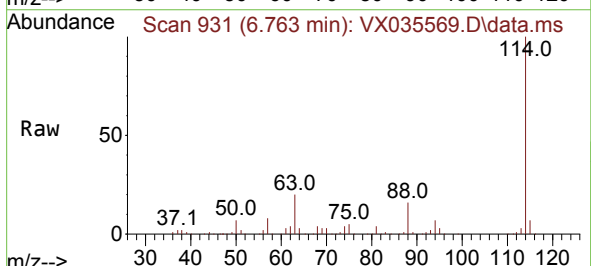
Tgt Ion: 114 Resp: 413252

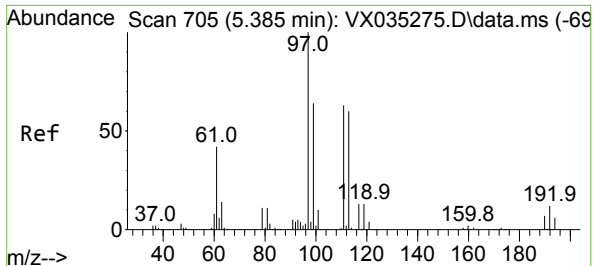
Ion Ratio Lower Upper

114 100

63 19.9 0.0 42.2

88 16.3 0.0 33.2

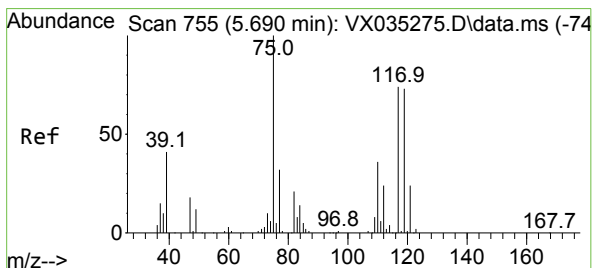
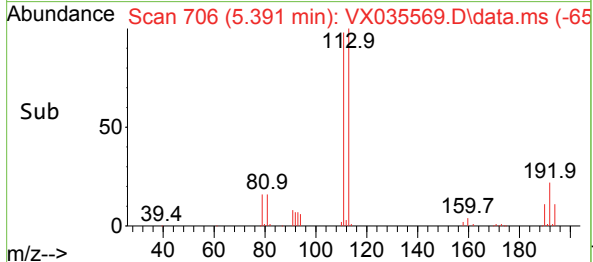
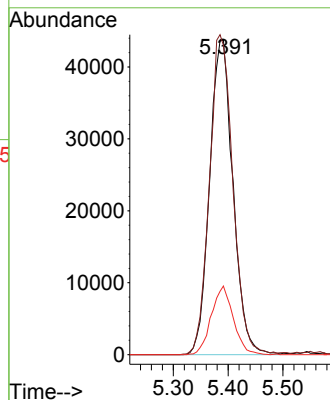
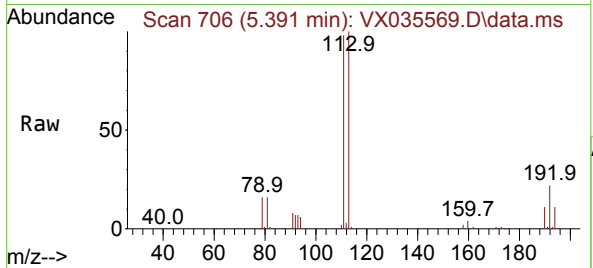




#35
Dibromofluoromethane
Concen: 51.022 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX035569.D
Acq: 08 May 2023 18:44

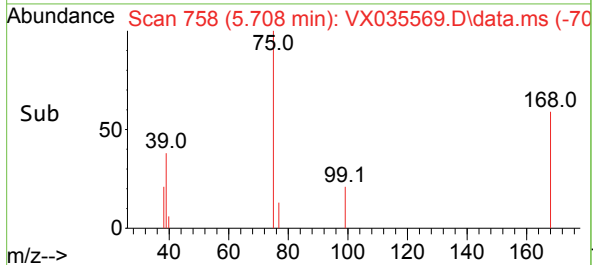
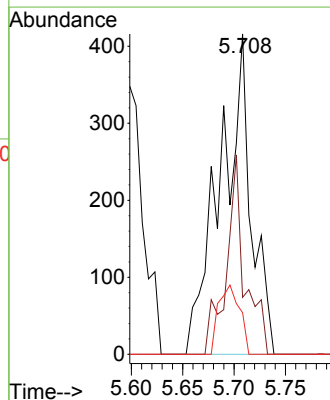
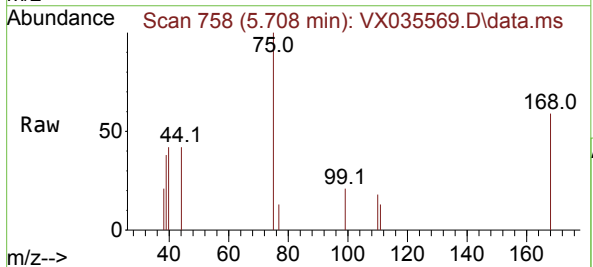
Instrument :
MSVOA_X
ClientSampleId :
IBLK

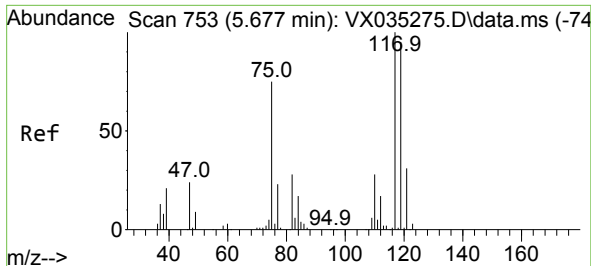
Tgt Ion:113 Resp: 129412
Ion Ratio Lower Upper
113 100
111 102.2 83.7 125.5
192 20.5 15.4 23.2



#36
1,1-Dichloropropene
Concen: 0.220 ug/l
RT: 5.708 min Scan# 758
Delta R.T. 0.018 min
Lab File: VX035569.D
Acq: 08 May 2023 18:44

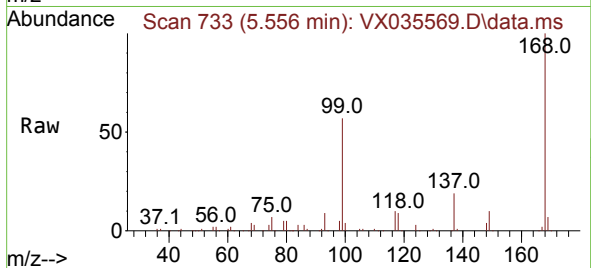
Tgt Ion: 75 Resp: 870
Ion Ratio Lower Upper
75 100
110 37.2 17.5 52.5
77 14.8 24.3 36.5#



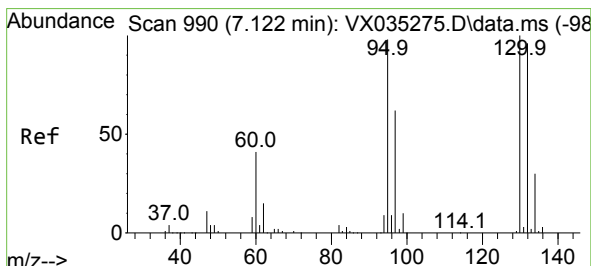
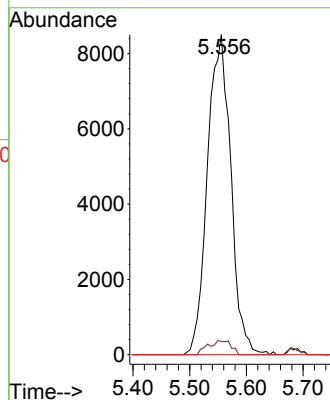
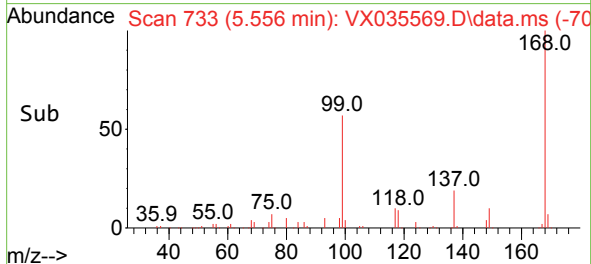


#38
Carbon Tetrachloride
Concen: 6.472 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.121 min
Lab File: VX035569.D
Acq: 08 May 2023 18:44

Instrument :
MSVOA_X
ClientSampleId :
IBLK

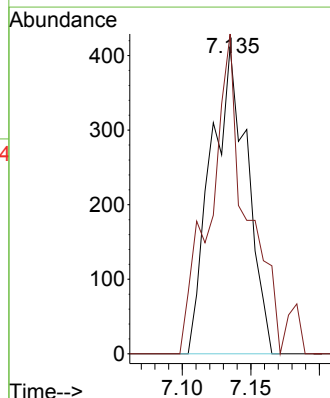
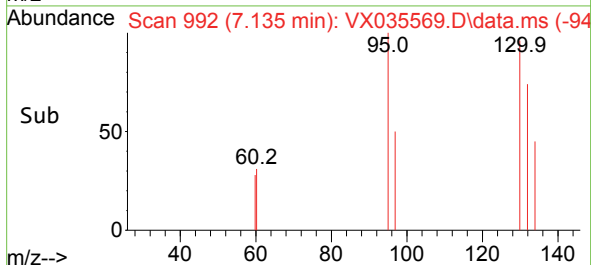
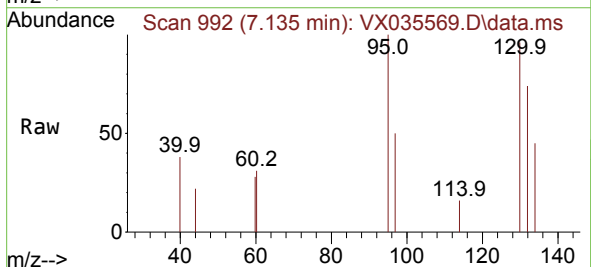


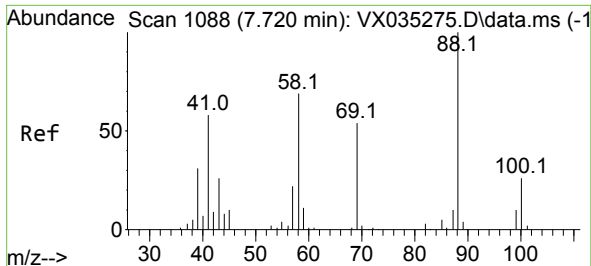
Tgt Ion:117 Resp: 24331
Ion Ratio Lower Upper
117 100
119 4.2 76.6 114.8#
121 0.0 23.8 35.6#



#44
Trichloroethene
Concen: 0.243 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.013 min
Lab File: VX035569.D
Acq: 08 May 2023 18:44

Tgt Ion:130 Resp: 762
Ion Ratio Lower Upper
130 100
95 104.1 0.0 198.4





#49

1,4-Dioxane

Concen: 0.936 ug/l

RT: 7.738 min Scan# 1088

Delta R.T. 0.018 min

Lab File: VX035569.D

Acq: 08 May 2023 18:44

Instrument :

MSVOA_X

ClientSampleId :

IBLK

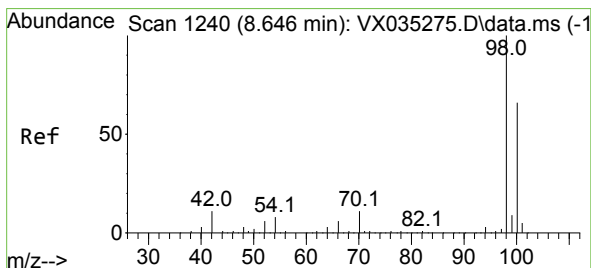
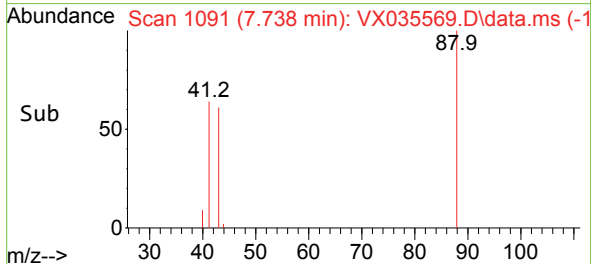
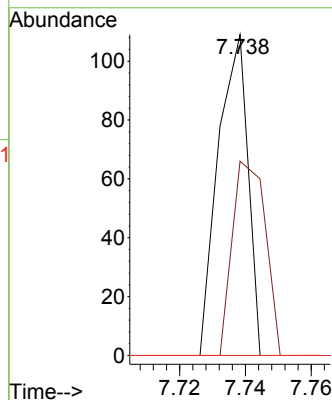
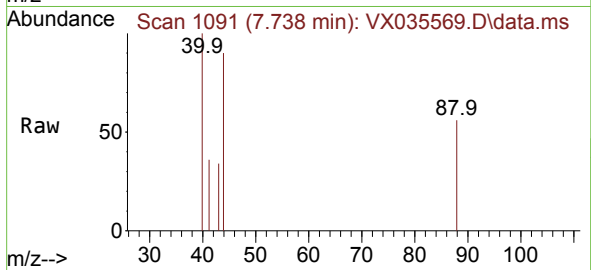
Tgt Ion: 88 Resp: 68

Ion Ratio Lower Upper

88 100

43 67.6 27.7 41.5#

58 0.0 56.8 85.2#



#50

Toluene-d8

Concen: 50.473 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.001 min

Lab File: VX035569.D

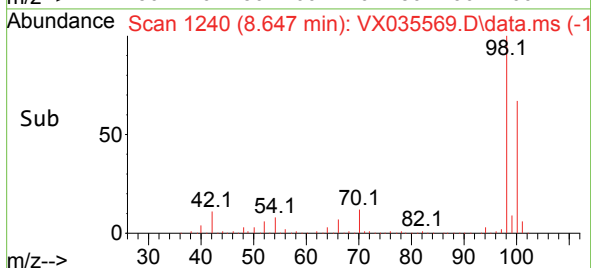
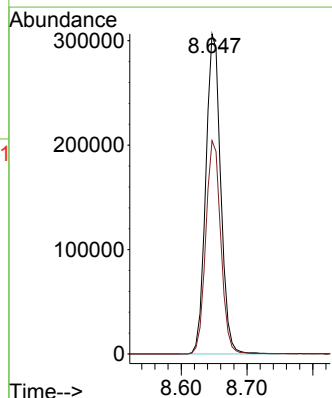
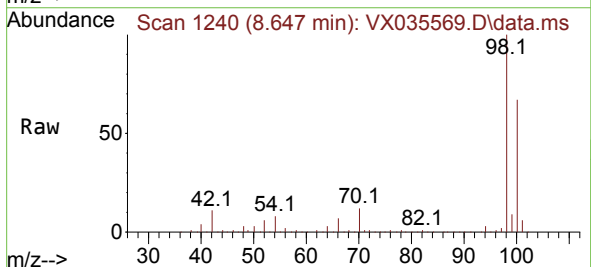
Acq: 08 May 2023 18:44

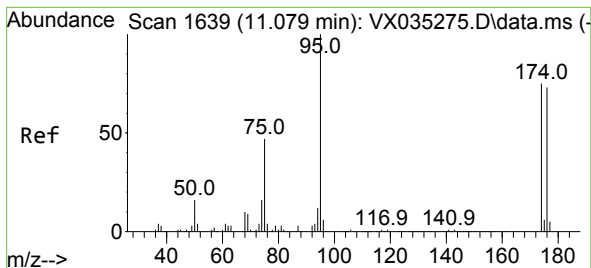
Tgt Ion: 98 Resp: 482941

Ion Ratio Lower Upper

98 100

100 67.0 52.5 78.7

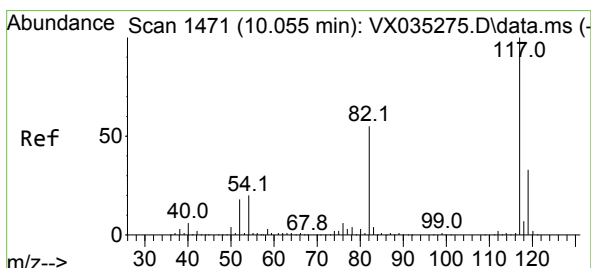
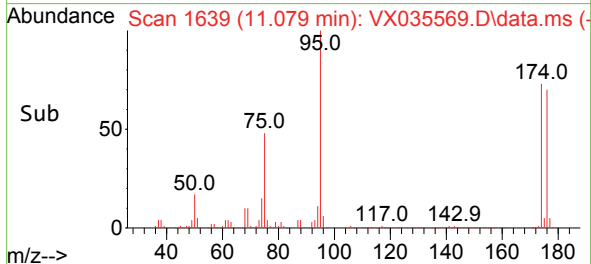
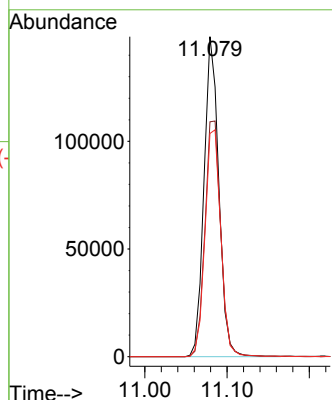
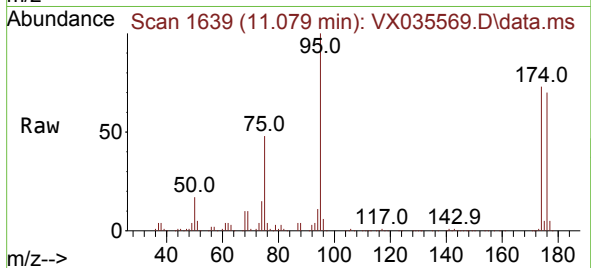




#62
4-Bromofluorobenzene
Concen: 51.578 ug/l
RT: 11.079 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX035569.D
Acq: 08 May 2023 18:44

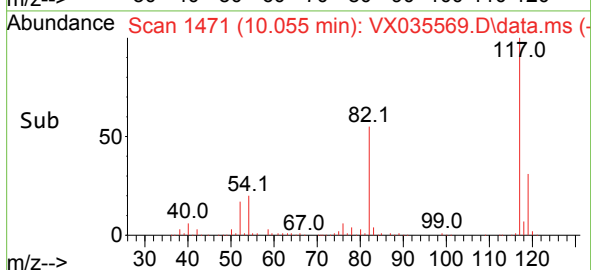
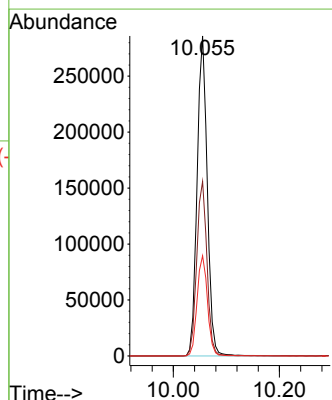
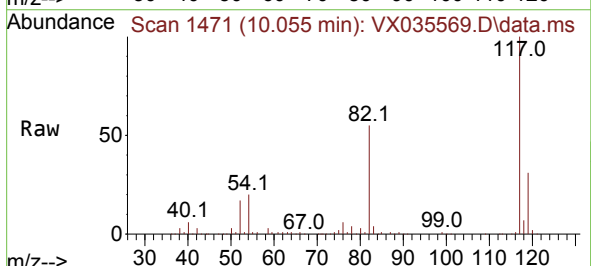
Instrument :
MSVOA_X
ClientSampleId :
IBLK

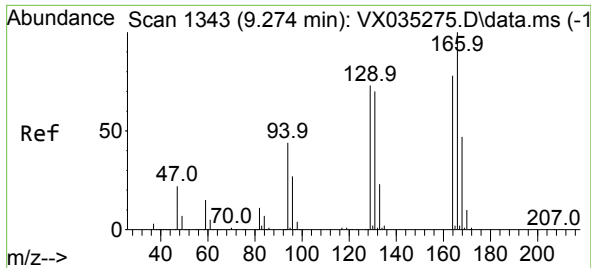
Tgt Ion: 95 Resp: 185651
Ion Ratio Lower Upper
95 100
174 78.8 0.0 147.4
176 76.0 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035569.D
Acq: 08 May 2023 18:44

Tgt Ion: 117 Resp: 380348
Ion Ratio Lower Upper
117 100
82 54.6 45.0 67.4
119 31.3 26.0 39.0





#64

Tetrachloroethene

Concen: 0.285 ug/l

RT: 9.275 min Scan# 1

Delta R.T. 0.001 min

Lab File: VX035569.D

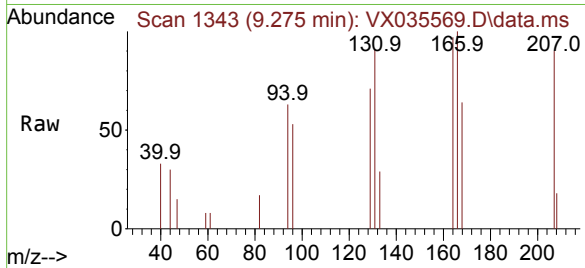
Acq: 08 May 2023 18:44

Instrument :

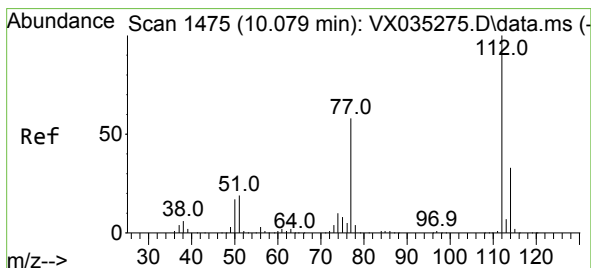
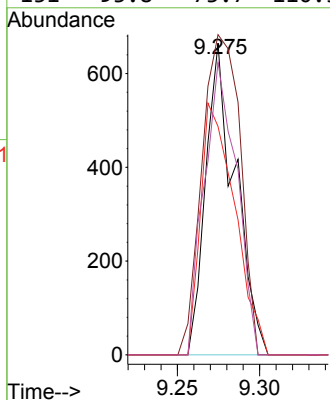
MSVOA_X

ClientSampleId :

IBLK



Tgt Ion:164	Resp:	830
Ion	Ratio	Lower Upper
164	100	
166	102.7	102.7 154.1#
129	73.2	75.6 113.4#
131	93.8	73.7 110.5



#65

Chlorobenzene

Concen: 0.243 ug/l

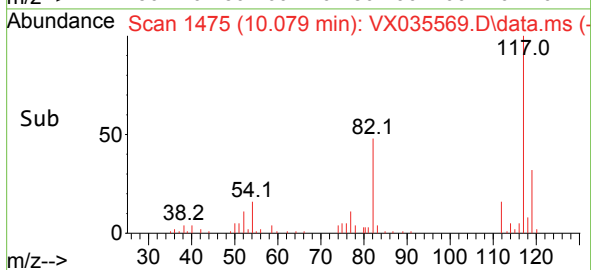
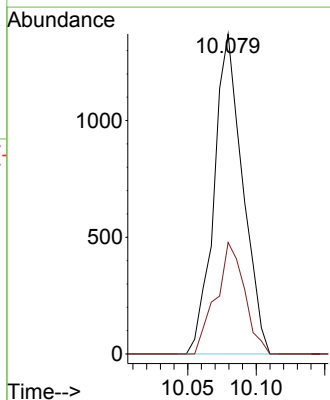
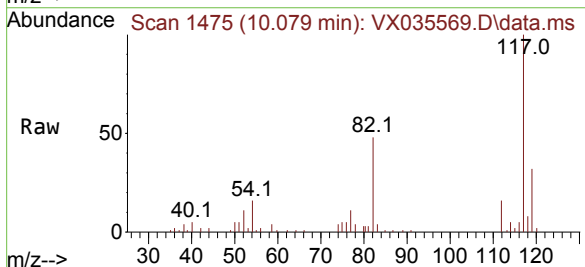
RT: 10.079 min Scan# 1475

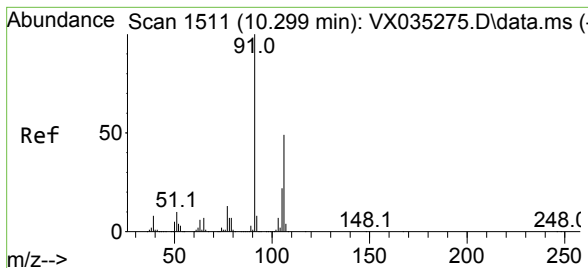
Delta R.T. 0.000 min

Lab File: VX035569.D

Acq: 08 May 2023 18:44

Tgt Ion:112	Resp:	1996
Ion	Ratio	Lower Upper
112	100	
114	34.9	26.2 39.2

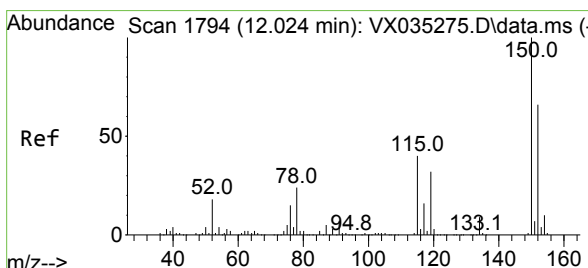
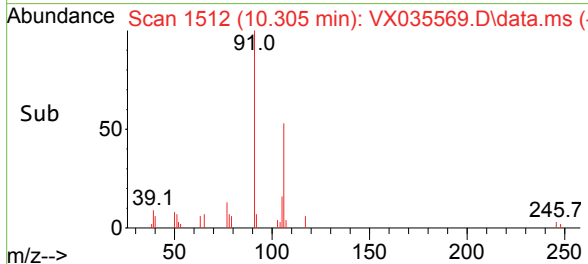
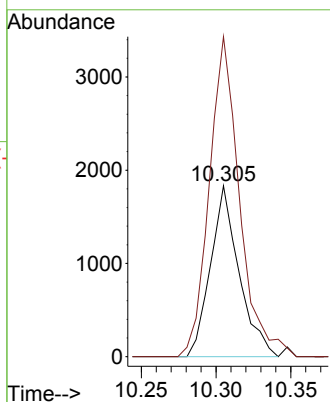
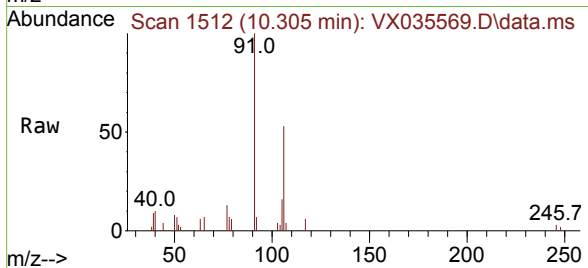




#68
m/p-Xylenes
Concen: 0.445 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX035569.D
Acq: 08 May 2023 18:44

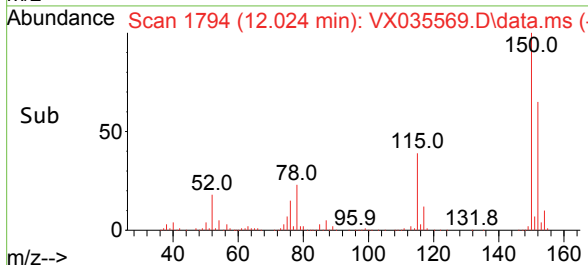
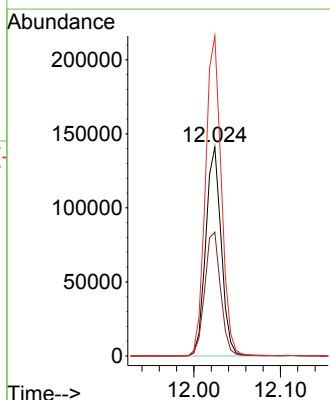
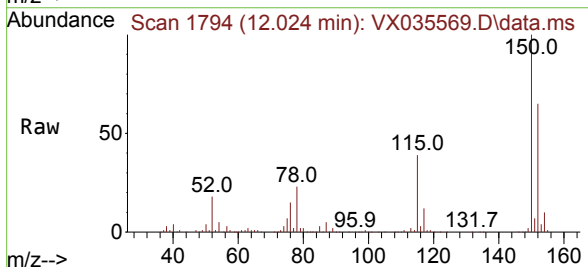
Instrument :
MSVOA_X
ClientSampleId :
IBLK

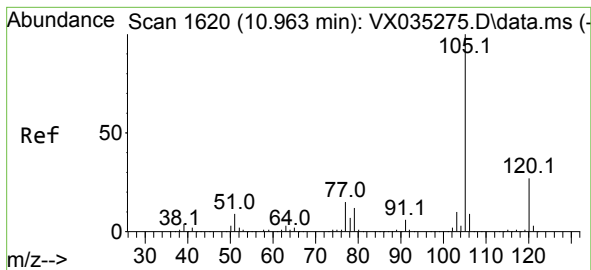
Tgt Ion:106 Resp: 2428
Ion Ratio Lower Upper
106 100
91 198.9 164.0 246.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035569.D
Acq: 08 May 2023 18:44

Tgt Ion:152 Resp: 175140
Ion Ratio Lower Upper
152 100
115 60.9 45.0 135.0
150 157.2 0.0 352.4





#73

Isopropylbenzene

Concen: 0.256 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX035569.D

Acq: 08 May 2023 18:44

Instrument :

MSVOA_X

ClientSampleId :

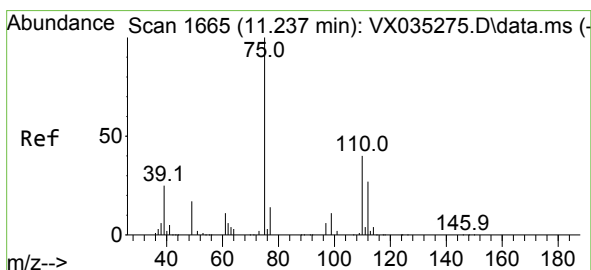
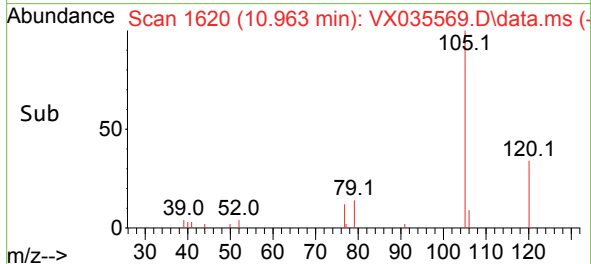
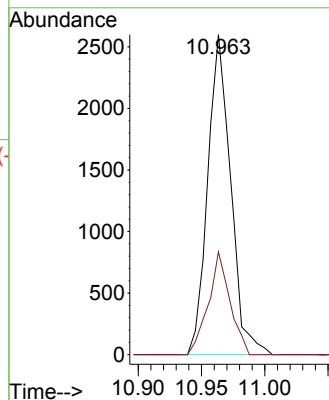
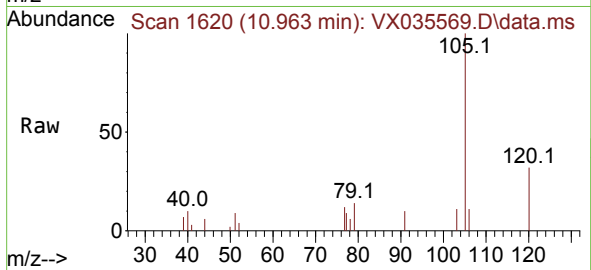
IBLK

Tgt Ion:105 Resp: 3279

Ion Ratio Lower Upper

105 100

120 30.3 13.3 39.9



#76

1,2,3-Trichloropropane

Concen: 25.987 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.158 min

Lab File: VX035569.D

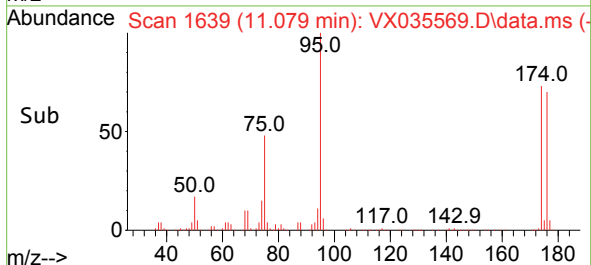
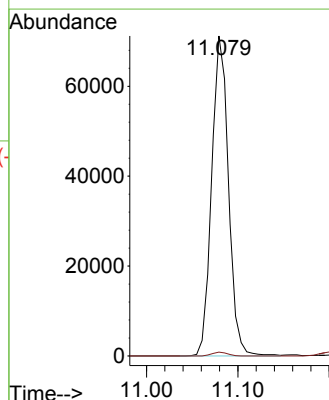
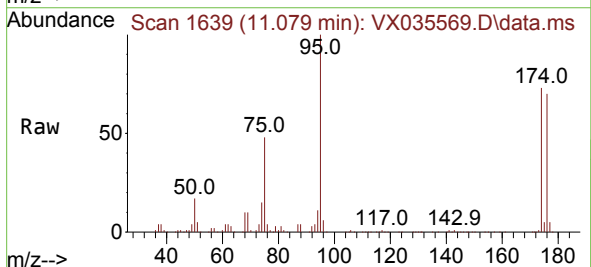
Acq: 08 May 2023 18:44

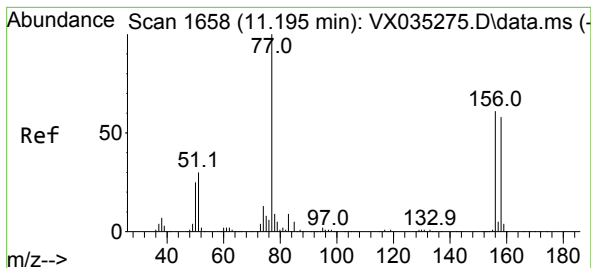
Tgt Ion: 75 Resp: 90791

Ion Ratio Lower Upper

75 100

77 1.1 21.6 64.8#





#77

Bromobenzene

Concen: 0.243 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.006 min

Lab File: VX035569.D

Acq: 08 May 2023 18:44

Instrument :

MSVOA_X

ClientSampleId :

IBLK

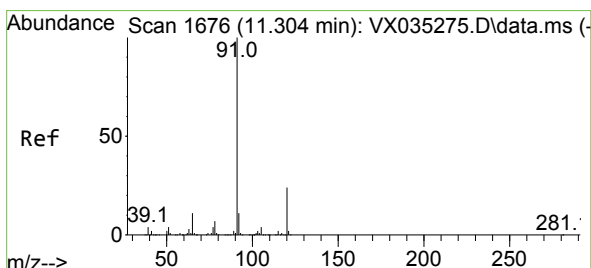
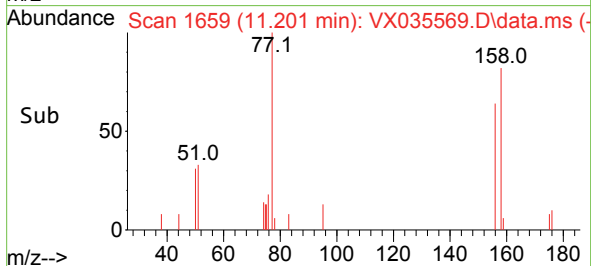
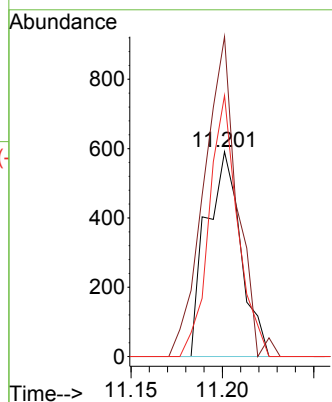
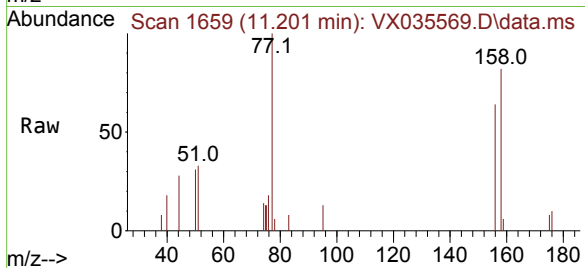
Tgt Ion:156 Resp: 773

Ion Ratio Lower Upper

156 100

77 150.8 86.7 259.9

158 106.5 48.0 144.0



#78

n-propylbenzene

Concen: 0.353 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.001 min

Lab File: VX035569.D

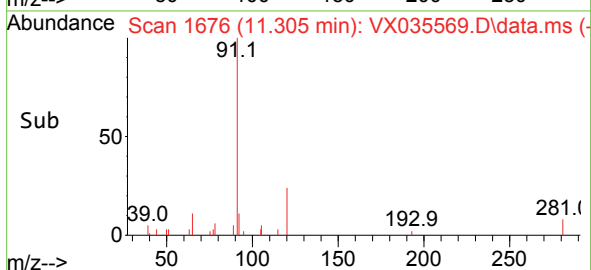
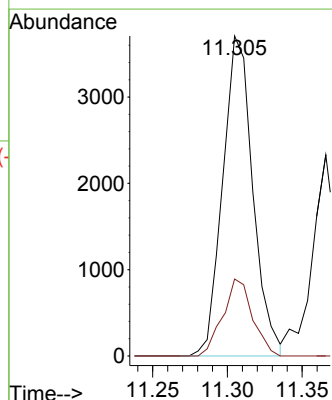
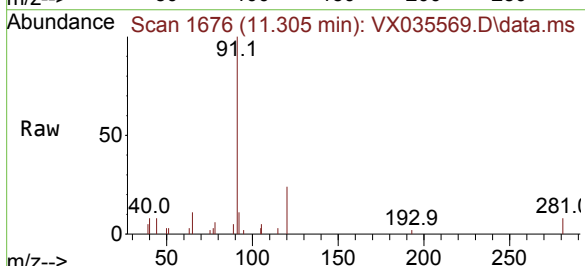
Acq: 08 May 2023 18:44

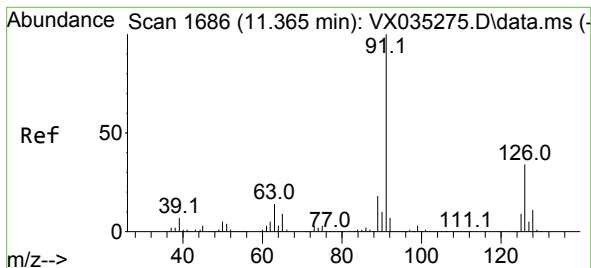
Tgt Ion: 91 Resp: 5188

Ion Ratio Lower Upper

91 100

120 23.7 11.5 34.5





#79

2-Chlorotoluene

Concen: 0.334 ug/l

RT: 11.366 min Scan# 1

Delta R.T. 0.001 min

Lab File: VX035569.D

Acq: 08 May 2023 18:44

Instrument :

MSVOA_X

ClientSampleId :

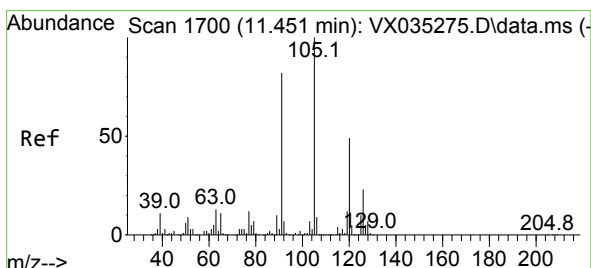
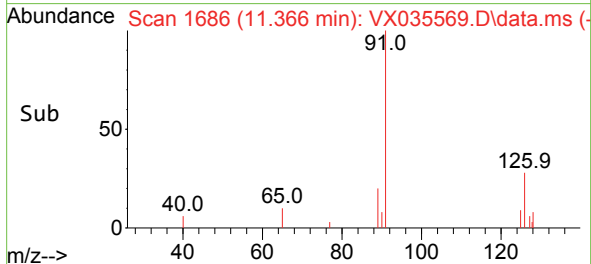
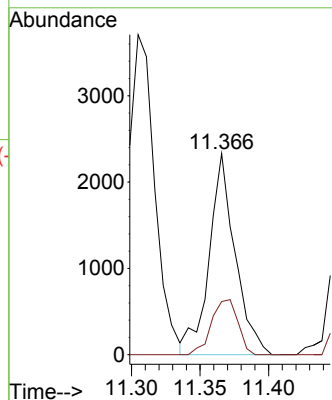
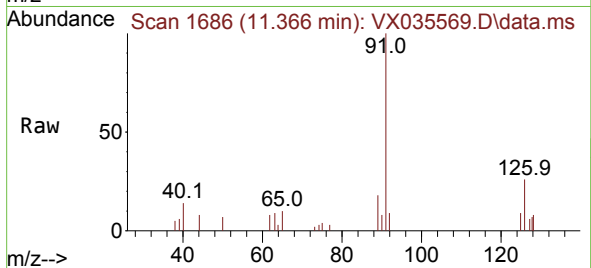
IBLK

Tgt Ion: 91 Resp: 3066

Ion Ratio Lower Upper

91 100

126 27.9 16.3 48.9



#80

1,3,5-Trimethylbenzene

Concen: 0.386 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX035569.D

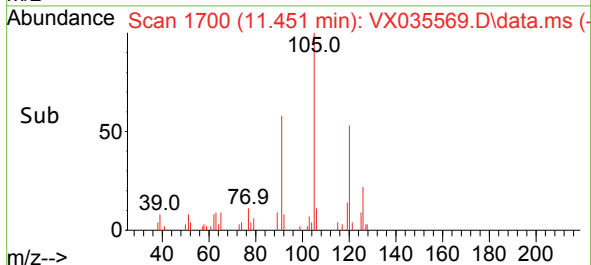
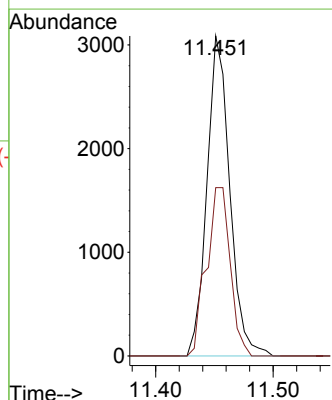
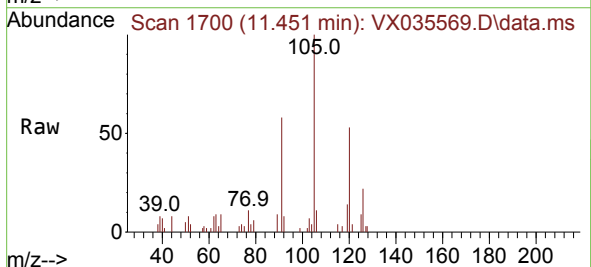
Acq: 08 May 2023 18:44

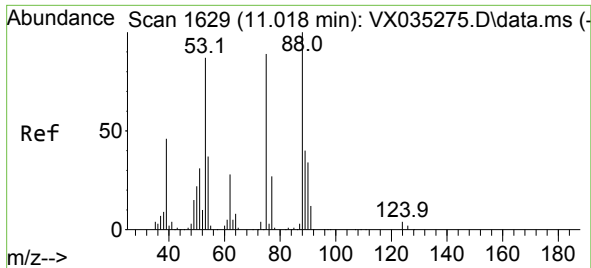
Tgt Ion: 105 Resp: 4166

Ion Ratio Lower Upper

105 100

120 54.8 23.7 71.1

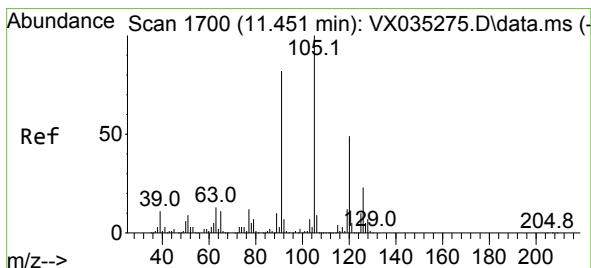
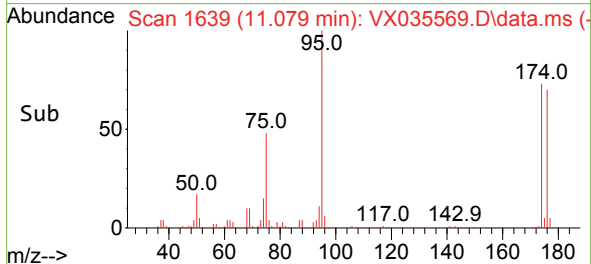
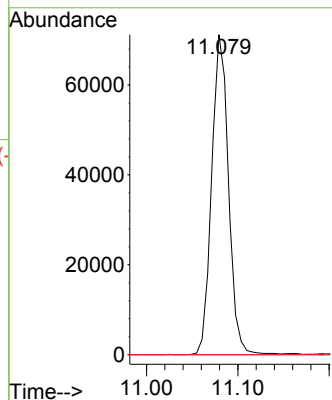
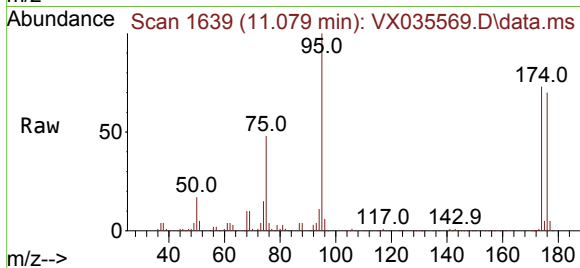




#81
trans-1,4-Dichloro-2-butene
Concen: 84.168 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX035569.D
Acq: 08 May 2023 18:44

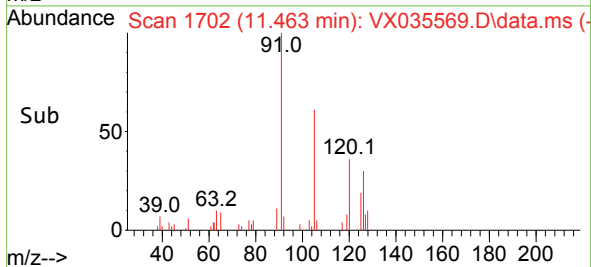
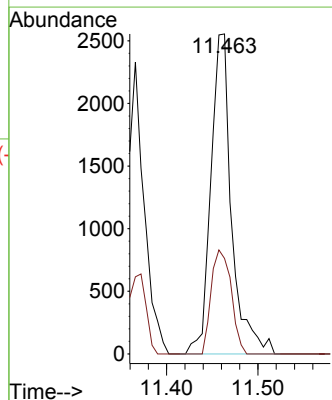
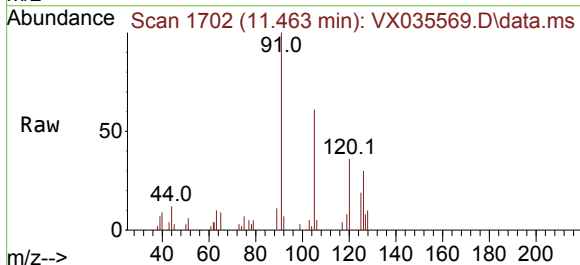
Instrument :
MSVOA_X
ClientSampleId :
IBLK

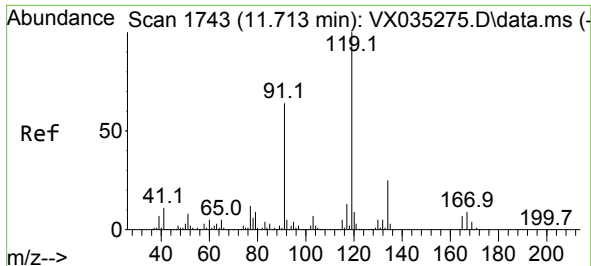
Tgt Ion: 75 Resp: 90791
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#



#82
4-Chlorotoluene
Concen: 0.391 ug/l
RT: 11.463 min Scan# 1702
Delta R.T. 0.012 min
Lab File: VX035569.D
Acq: 08 May 2023 18:44

Tgt Ion: 91 Resp: 4040
Ion Ratio Lower Upper
91 100
126 31.3 14.2 42.6

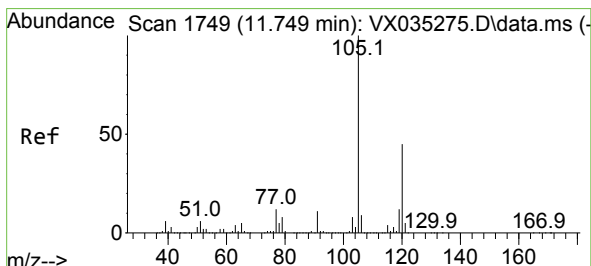
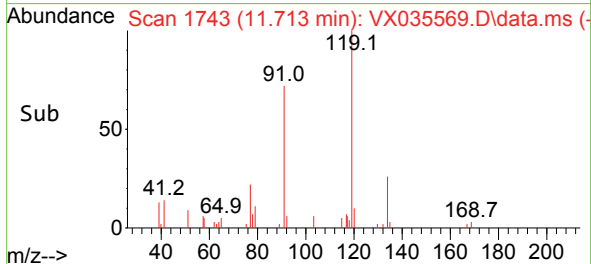
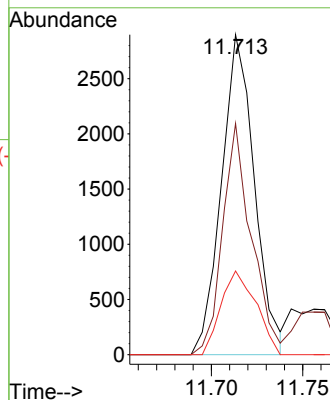
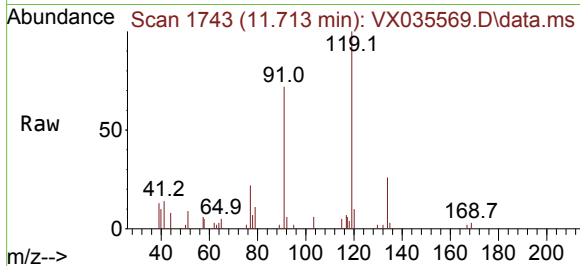




#83
tert-Butylbenzene
Concen: 0.336 ug/l
RT: 11.713 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VX035569.D
Acq: 08 May 2023 18:44

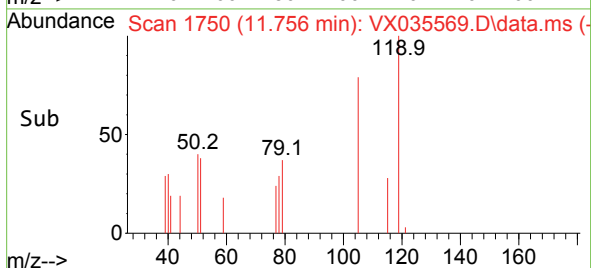
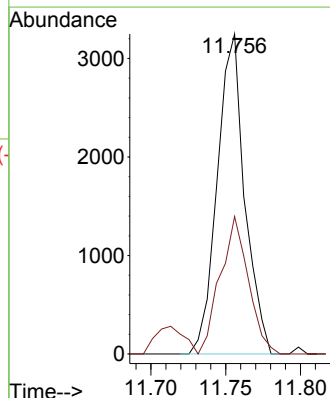
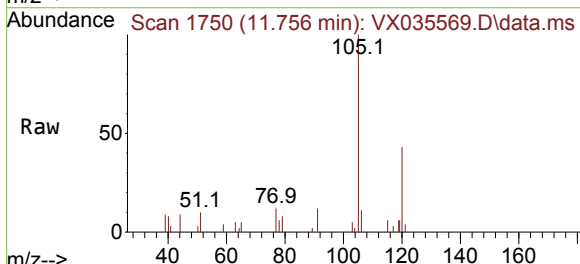
Instrument :
MSVOA_X
ClientSampleId :
IBLK

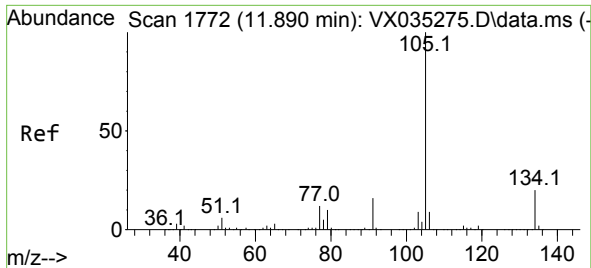
Tgt Ion:119 Resp: 3639
Ion Ratio Lower Upper
119 100
91 63.4 30.6 92.0
134 27.8 11.8 35.4



#84
1,2,4-Trimethylbenzene
Concen: 0.382 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.007 min
Lab File: VX035569.D
Acq: 08 May 2023 18:44

Tgt Ion:105 Resp: 4146
Ion Ratio Lower Upper
105 100
120 44.1 22.4 67.0

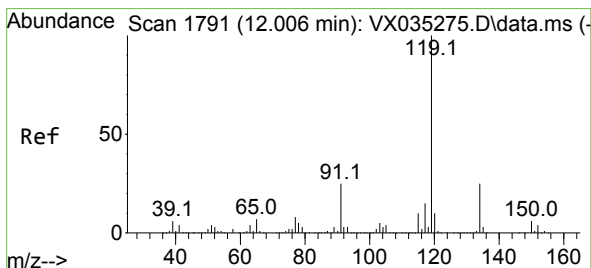
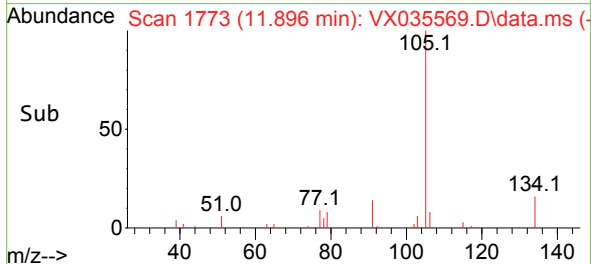
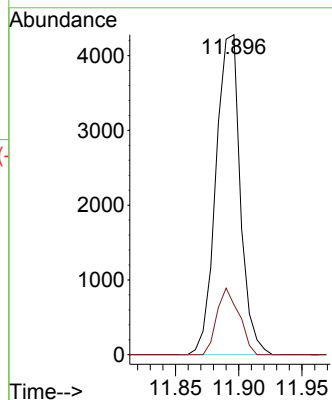
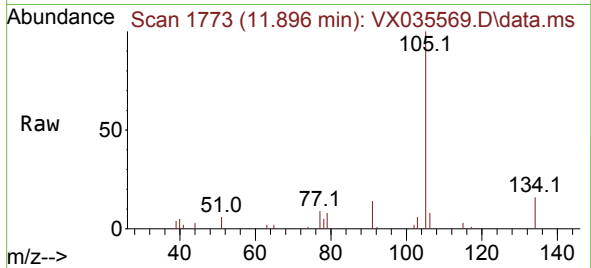




#85
 sec-Butylbenzene
 Concen: 0.431 ug/l
 RT: 11.896 min Scan# 1772
 Delta R.T. 0.006 min
 Lab File: VX035569.D
 Acq: 08 May 2023 18:44

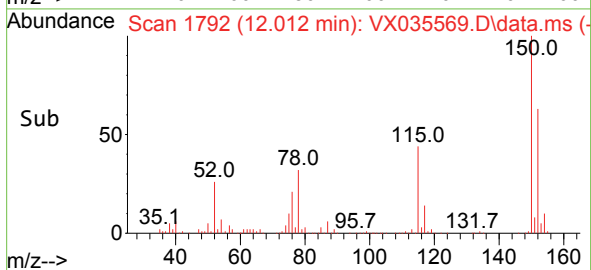
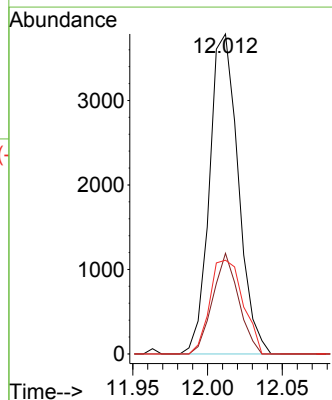
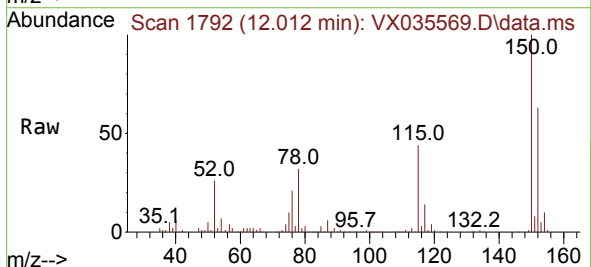
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

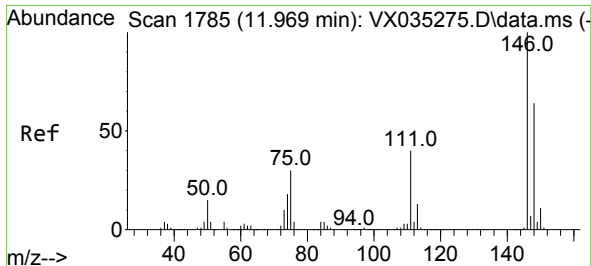
Tgt Ion:105 Resp: 5728
 Ion Ratio Lower Upper
 105 100
 134 19.0 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 0.448 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.006 min
 Lab File: VX035569.D
 Acq: 08 May 2023 18:44

Tgt Ion:119 Resp: 5065
 Ion Ratio Lower Upper
 119 100
 134 28.2 13.2 39.5
 91 33.8 12.9 38.7





#87

1,3-Dichlorobenzene

Concen: 0.508 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX035569.D

Acq: 08 May 2023 18:44

Instrument :

MSVOA_X

ClientSampleId :

IBLK

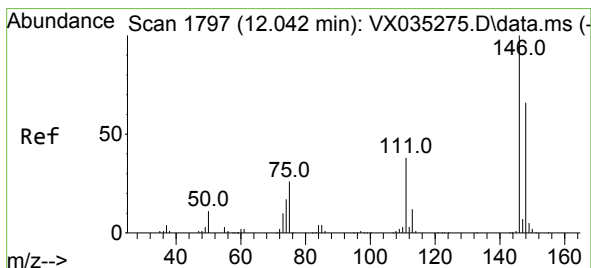
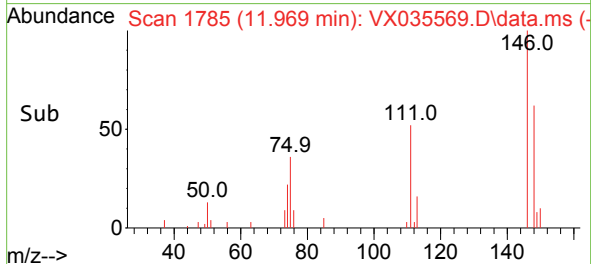
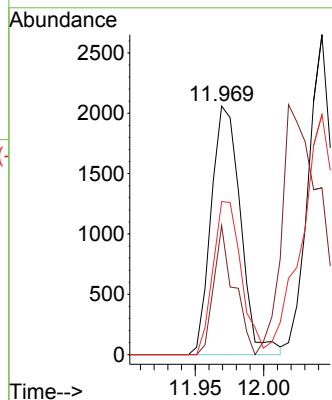
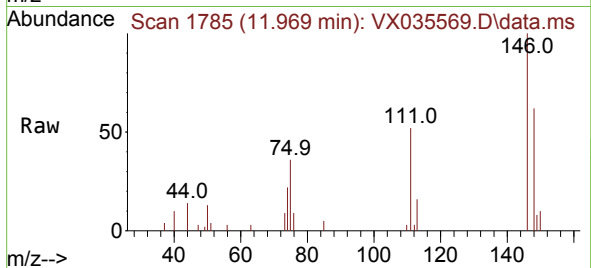
Tgt Ion:146 Resp: 3071

Ion Ratio Lower Upper

146 100

111 35.9 20.9 62.8

148 59.3 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 0.484 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. -0.073 min

Lab File: VX035569.D

Acq: 08 May 2023 18:44

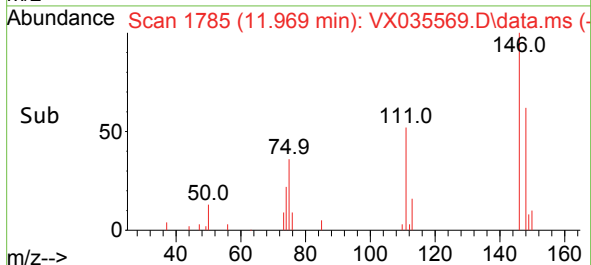
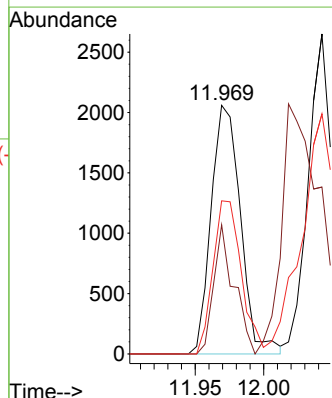
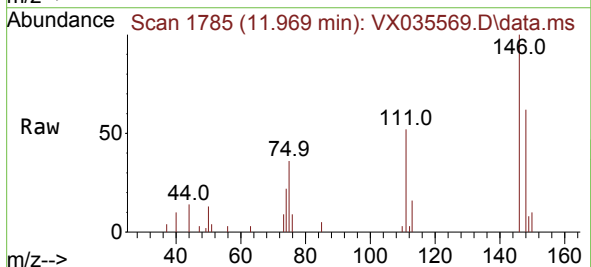
Tgt Ion:146 Resp: 3071

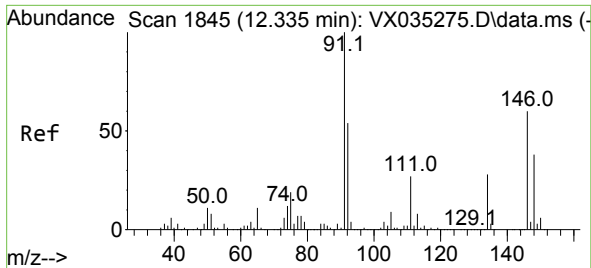
Ion Ratio Lower Upper

146 100

111 35.9 20.6 61.9

148 59.3 31.8 95.4

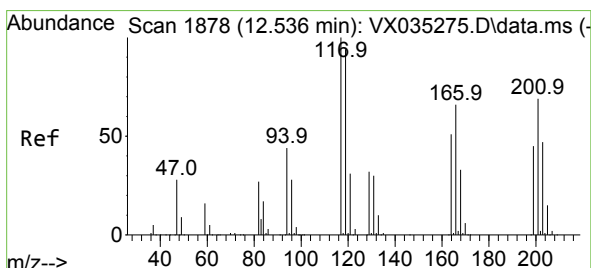
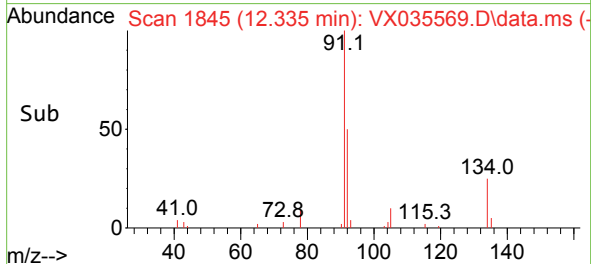
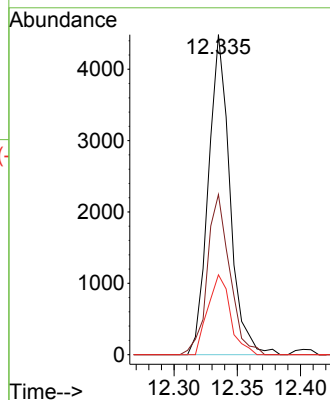
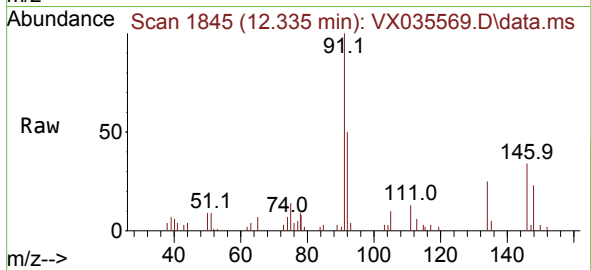




#89
n-Butylbenzene
Concen: 0.557 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX035569.D
Acq: 08 May 2023 18:44

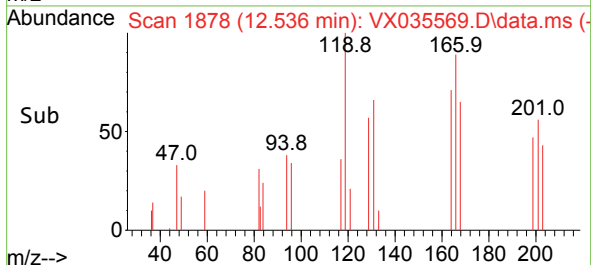
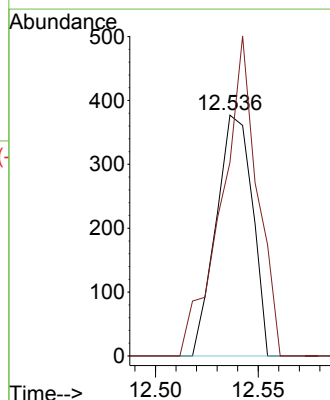
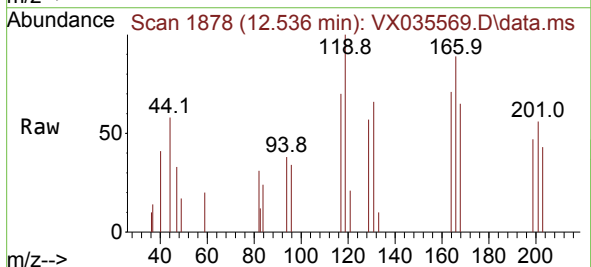
Instrument :
MSVOA_X
ClientSampleId :
IBLK

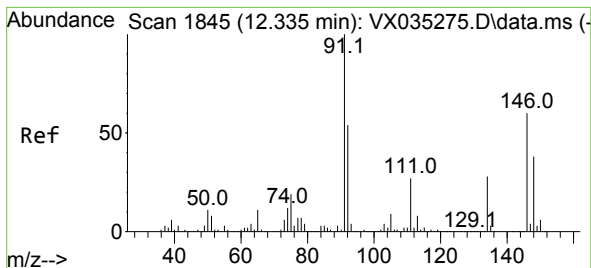
Tgt Ion: 91 Resp: 5315
Ion Ratio Lower Upper
91 100
92 52.2 27.7 83.0
134 26.1 13.0 38.9



#90
Hexachloroethane
Concen: 0.267 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX035569.D
Acq: 08 May 2023 18:44

Tgt Ion: 117 Resp: 462
Ion Ratio Lower Upper
117 100
201 130.1 34.4 103.1#





#91

1,2-Dichlorobenzene

Concen: 0.386 ug/l

RT: 12.341 min Scan# 1845

Delta R.T. 0.006 min

Lab File: VX035569.D

Acq: 08 May 2023 18:44

Instrument :

MSVOA_X

ClientSampleId :

IBLK

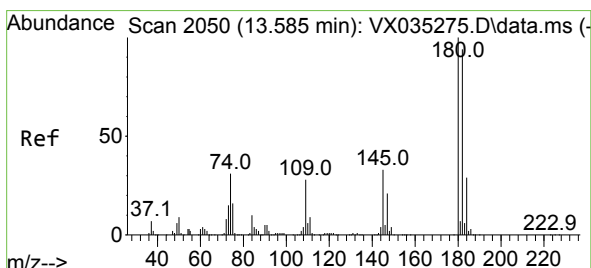
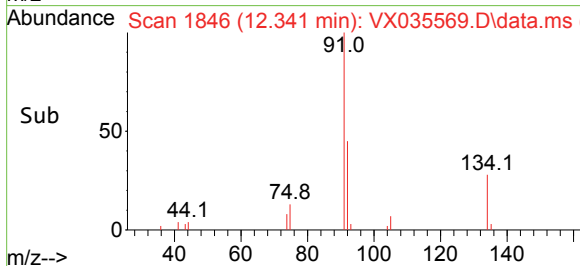
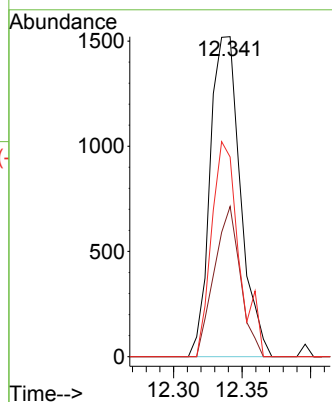
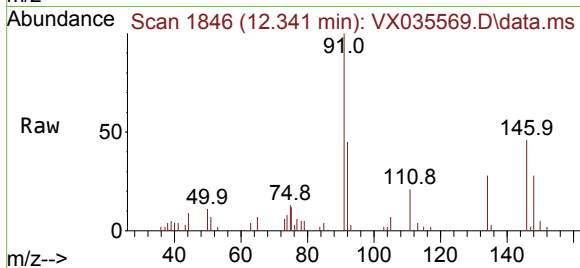
Tgt Ion:146 Resp: 2335

Ion Ratio Lower Upper

146 100

111 40.3 22.0 66.0

148 60.5 32.0 96.0



#93

1,2,4-Trichlorobenzene

Concen: 0.896 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. 0.006 min

Lab File: VX035569.D

Acq: 08 May 2023 18:44

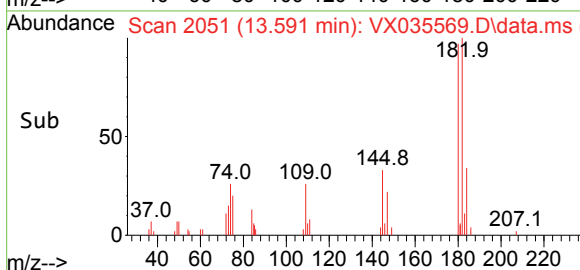
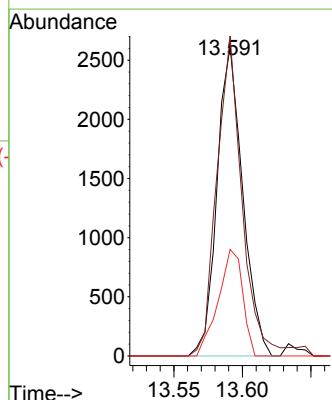
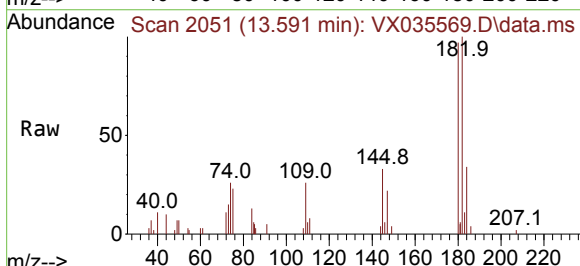
Tgt Ion:180 Resp: 3408

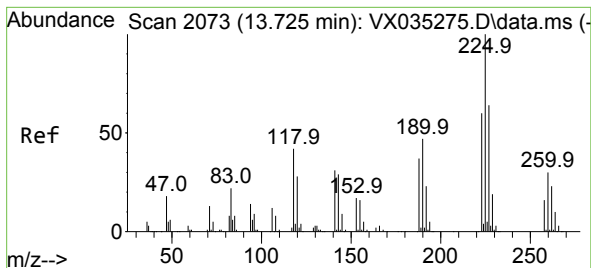
Ion Ratio Lower Upper

180 100

182 102.6 47.0 141.0

145 32.7 15.9 47.7





#94

Hexachlorobutadiene

Concen: 1.514 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX035569.D

Acq: 08 May 2023 18:44

Instrument :

MSVOA_X

ClientSampleId :

IBLK

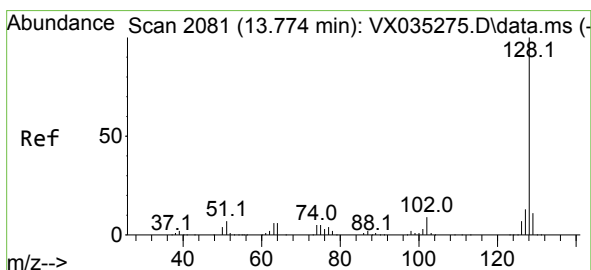
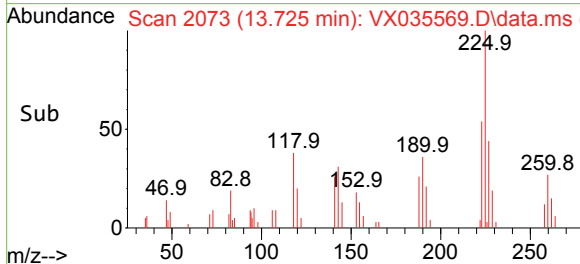
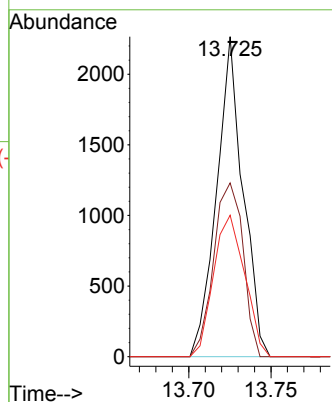
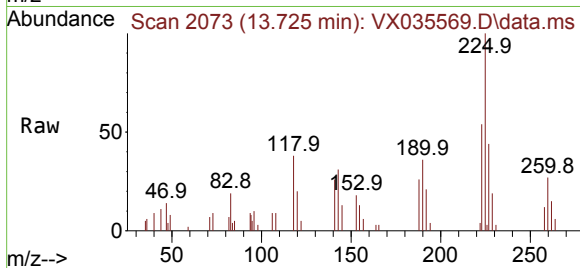
Tgt Ion:225 Resp: 2527

Ion Ratio Lower Upper

225 100

223 60.5 32.1 96.5

227 52.4 31.8 95.4



#95

Naphthalene

Concen: 1.208 ug/l

RT: 13.780 min Scan# 2082

Delta R.T. 0.006 min

Lab File: VX035569.D

Acq: 08 May 2023 18:44

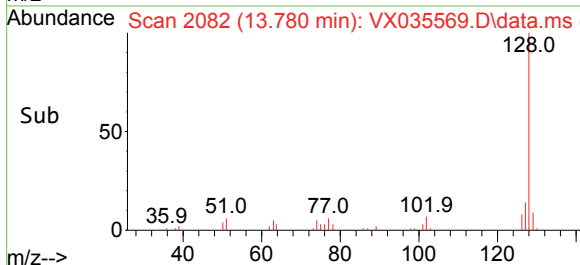
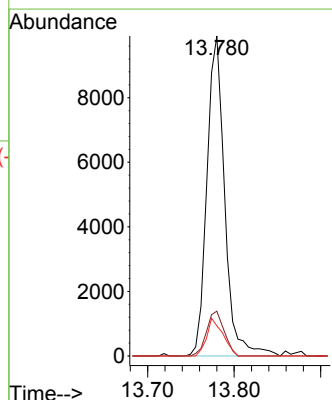
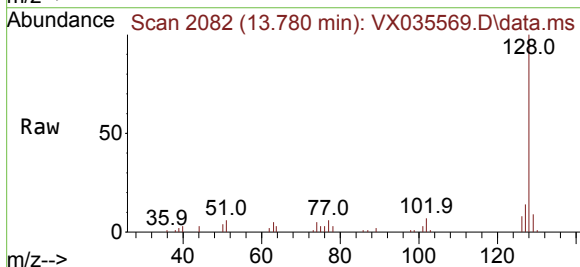
Tgt Ion:128 Resp: 14137

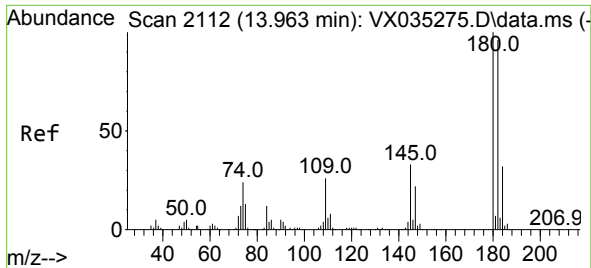
Ion Ratio Lower Upper

128 100

127 13.8 10.2 15.4

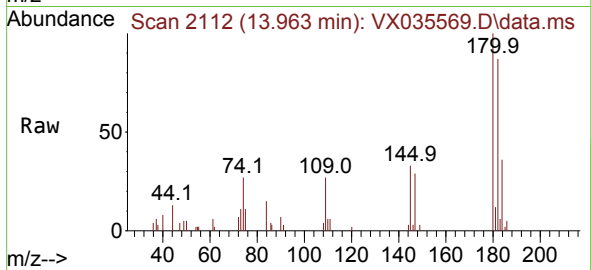
129 10.8 8.6 13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 0.966 ug/l
 RT: 13.963 min Scan# 2112
 Delta R.T. -0.000 min
 Lab File: VX035569.D
 Acq: 08 May 2023 18:44

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK



Tgt Ion:	180	Resp:	3698
Ion	Ratio	Lower	Upper
180	100		
182	93.2	48.0	144.2
145	35.5	17.7	53.1

