

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080322\
 Data File : VX030375.D
 Acq On : 03 Aug 2022 16:57
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Aug 04 04:43:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 25 16:49:17 2022
 Response via : Initial Calibration

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

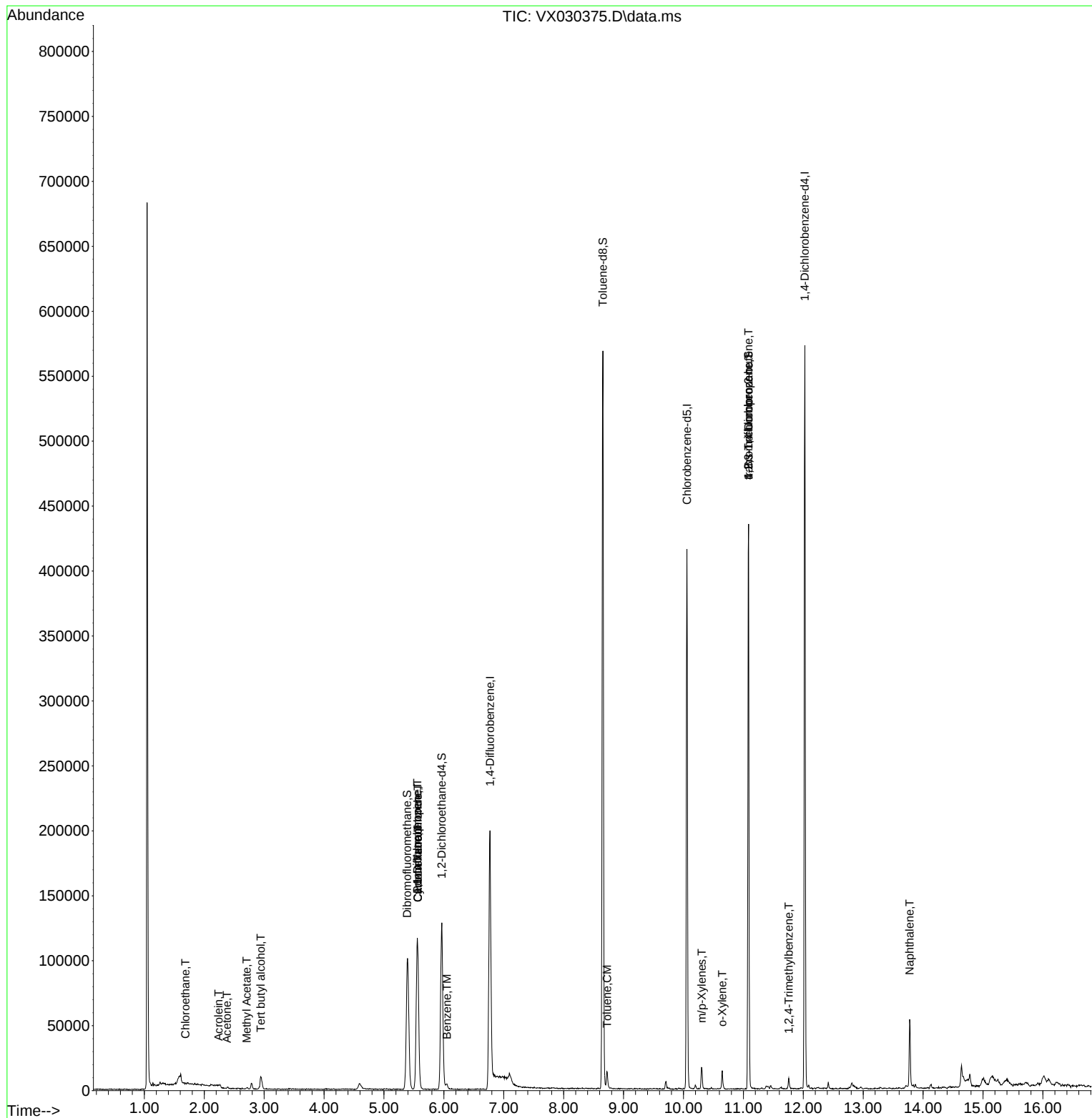
Internal Standards						
1) Pentafluorobenzene	5.557	168	103227	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.770	114	189111	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.056	117	177614	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.026	152	107689	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.966	65	122975	59.271	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 118.540%			
35) Dibromofluoromethane	5.386	113	88805	49.123	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.240%			
50) Toluene-d8	8.654	98	331872	47.404	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 94.800%			
62) 4-Bromofluorobenzene	11.087	95	118047	45.433	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 90.860%			
Target Compounds						
					Qvalue	
5) Bromomethane	1.613	94	364	Below Cal	#	65
6) Chloroethane	1.686	64	378	0.389	ug/l #	41
11) Tert butyl alcohol	2.942	59	5860	11.579	ug/l #	79
13) Acrolein	2.241	56	64	0.514	ug/l	84
16) Acetone	2.381	43	1101	1.036	ug/l #	66
18) Methyl Acetate	2.710	43	1492	0.475	ug/l #	78
20) Methylene Chloride	2.783	84	1913	Below Cal	#	92
31) Cyclohexane	5.563	56	2479	0.823	ug/l #	1
36) 1,1-Dichloropropene	5.557	75	9126	3.508	ug/l #	45
38) Carbon Tetrachloride	5.563	117	10779	4.438	ug/l #	17
40) Benzene	6.051	78	3985	0.487	ug/l	95
52) Toluene	8.727	92	4405	0.882	ug/l	93
67) Ethyl Benzene	10.197	91	1972	Below Cal	#	78
68) m/p-Xylenes	10.306	106	4009	1.227	ug/l	89
69) o-Xylene	10.648	106	2749	0.853	ug/l	91
76) 1,2,3-Trichloropropane	11.087	75	64349	22.669	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.087	75	64349	68.006	ug/l #	12
84) 1,2,4-Trimethylbenzene	11.757	105	3514	0.500	ug/l	80
95) Naphthalene	13.775	128	36012	4.221	ug/l	99

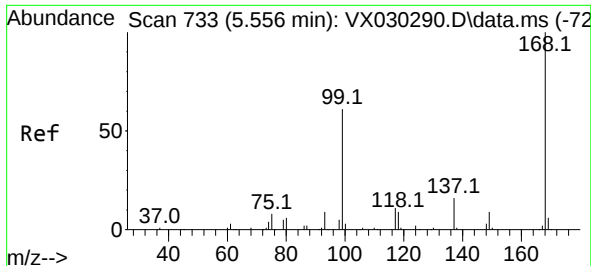
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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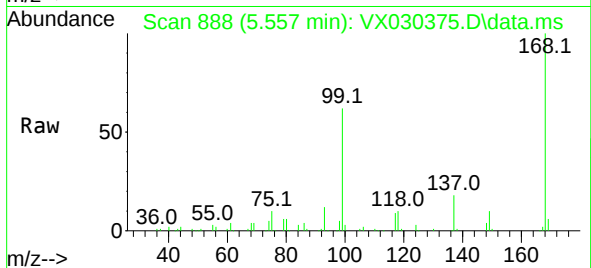
Quant Time: Aug 04 04:43:44 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 25 16:49:17 2022
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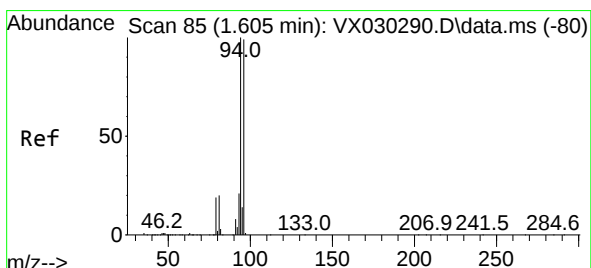
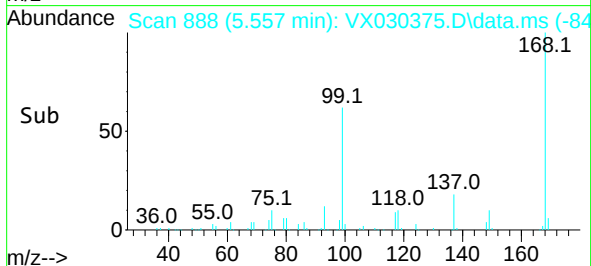
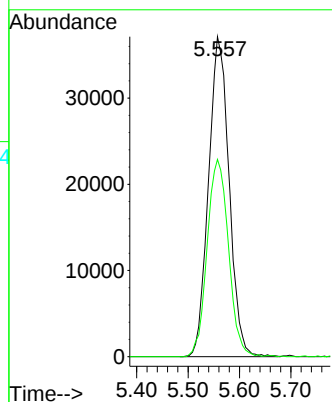


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.557 min Scan# 81
Delta R.T. -0.005 min
Lab File: VX030375.D
Acq: 03 Aug 2022 16:57

Instrument :
MSVOA_X
ClientSampleId :
IBLK

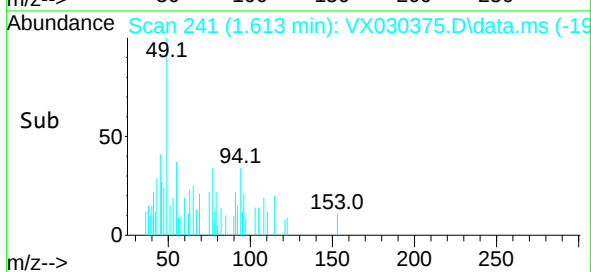
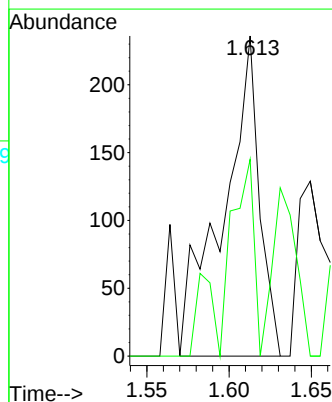
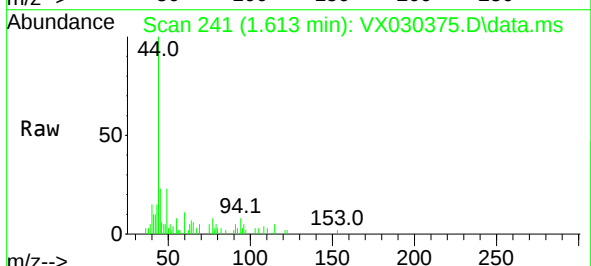


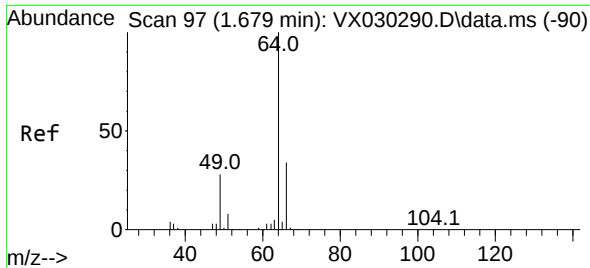
Tgt Ion:168 Resp: 103227
Ion Ratio Lower Upper
168 100
99 61.6 44.0 66.0



#5
Bromomethane
Concen: Below Cal
RT: 1.613 min Scan# 241
Delta R.T. 0.014 min
Lab File: VX030375.D
Acq: 03 Aug 2022 16:57

Tgt Ion: 94 Resp: 364
Ion Ratio Lower Upper
94 100
96 61.4 76.9 115.3#

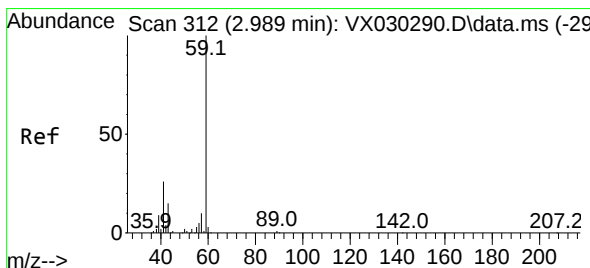
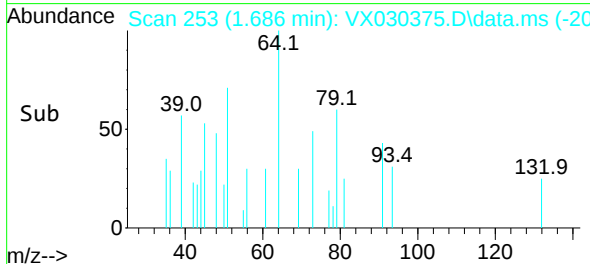
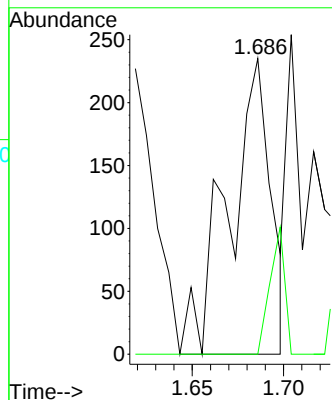
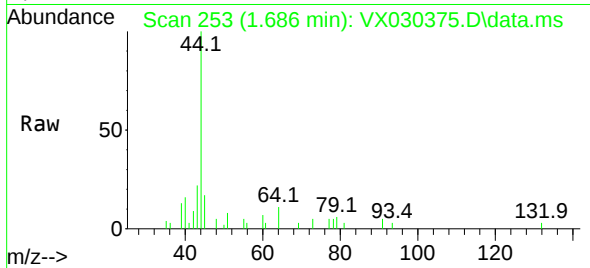




#6
Chloroethane
Concen: 0.389 ug/l
RT: 1.686 min Scan# 21
Delta R.T. 0.008 min
Lab File: VX030375.D
Acq: 03 Aug 2022 16:57

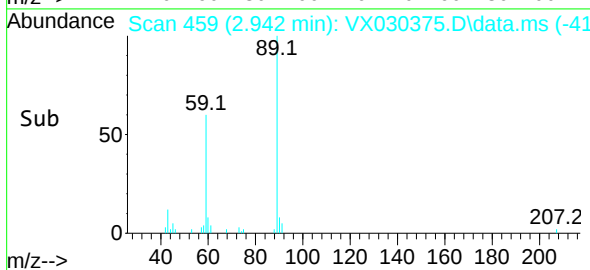
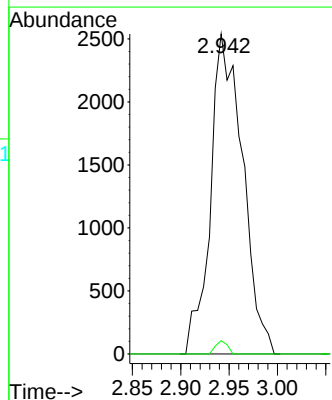
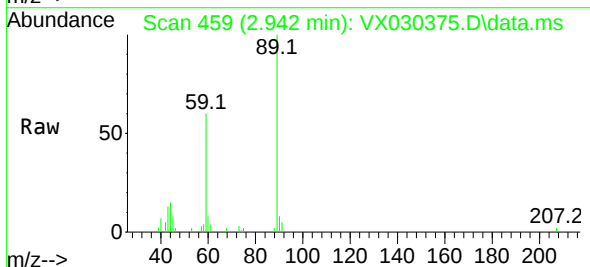
Instrument :
MSVOA_X
ClientSampleId :
IBLK

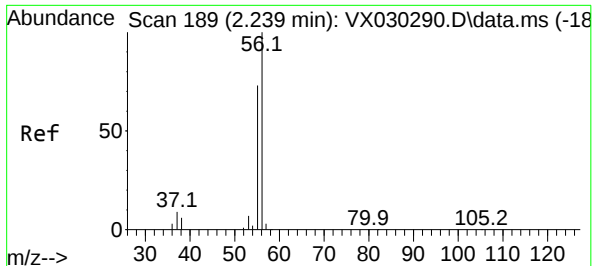
Tgt Ion: 64 Resp: 378
Ion Ratio Lower Upper
64 100
66 0.0 27.2 40.8#



#11
Tert butyl alcohol
Concen: 11.579 ug/l
RT: 2.942 min Scan# 459
Delta R.T. -0.035 min
Lab File: VX030375.D
Acq: 03 Aug 2022 16:57

Tgt Ion: 59 Resp: 5860
Ion Ratio Lower Upper
59 100
57 1.5 7.4 11.2#

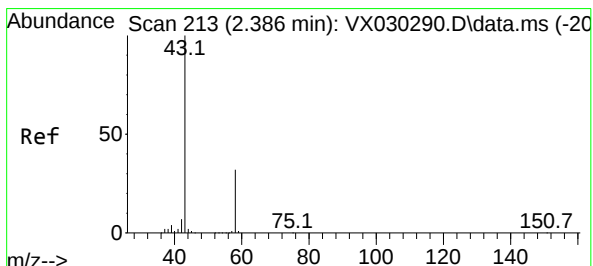
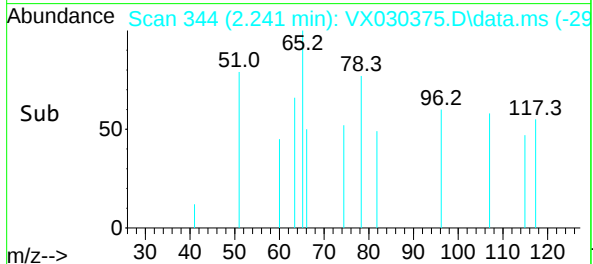
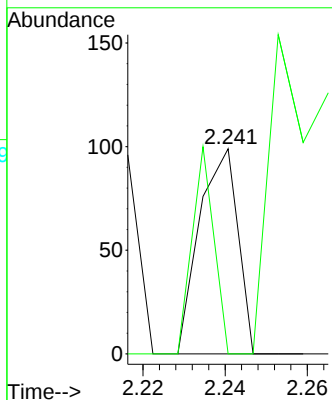
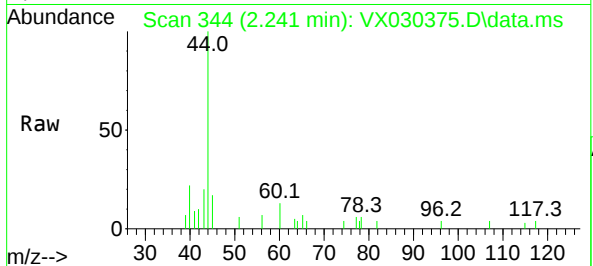




#13
Acrolein
Concen: 0.514 ug/l
RT: 2.241 min Scan# 344
Delta R.T. 0.002 min
Lab File: VX030375.D
Acq: 03 Aug 2022 16:57

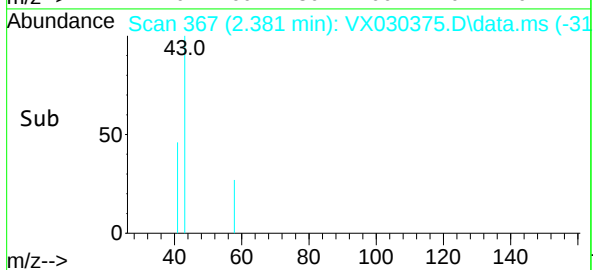
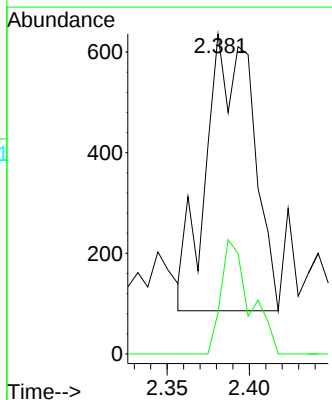
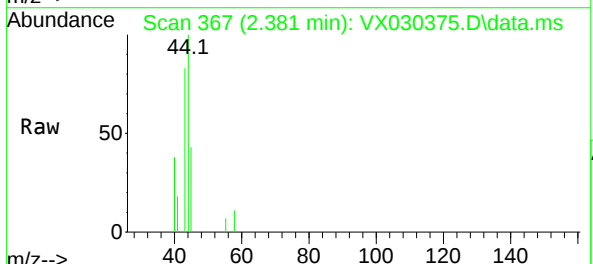
Instrument :
MSVOA_X
ClientSampleId :
IBLK

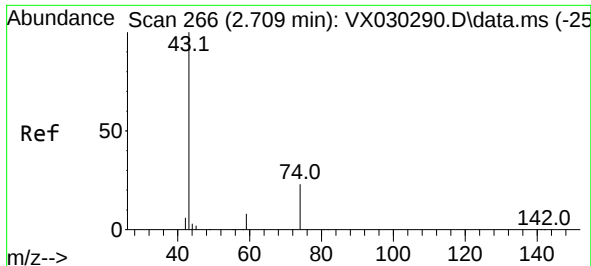
Tgt Ion: 56 Resp: 64
Ion Ratio Lower Upper
56 100
55 57.8 56.6 84.8



#16
Acetone
Concen: 1.036 ug/l
RT: 2.381 min Scan# 367
Delta R.T. -0.004 min
Lab File: VX030375.D
Acq: 03 Aug 2022 16:57

Tgt Ion: 43 Resp: 1101
Ion Ratio Lower Upper
43 100
58 14.9 27.7 41.5#

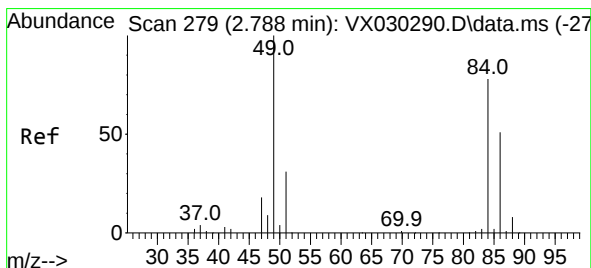
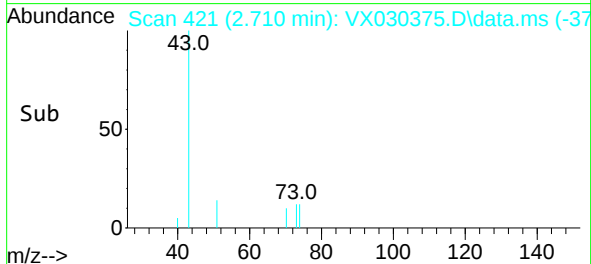
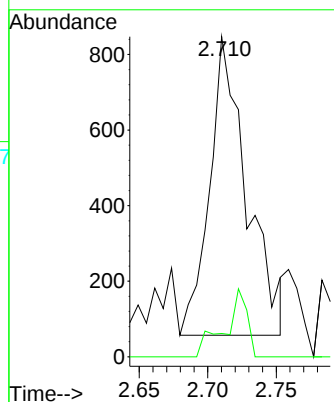
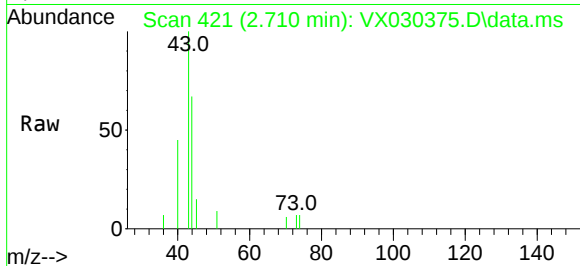




#18
Methyl Acetate
Concen: 0.475 ug/l
RT: 2.710 min Scan# 41
Delta R.T. 0.002 min
Lab File: VX030375.D
Acq: 03 Aug 2022 16:57

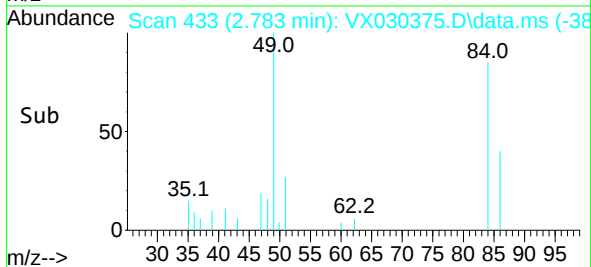
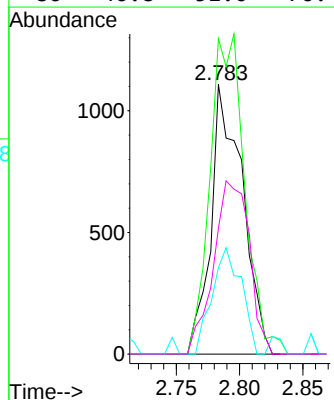
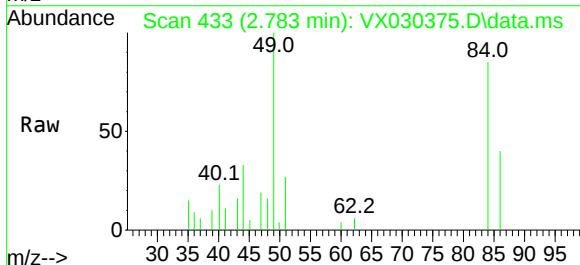
Instrument :
MSVOA_X
ClientSampleId :
IBLK

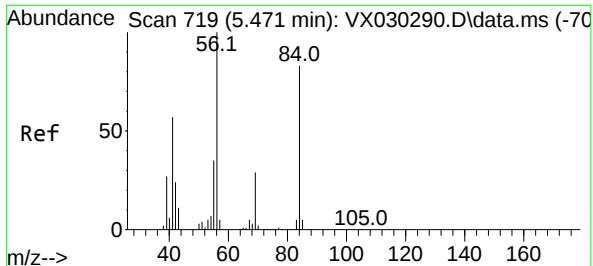
Tgt Ion: 43 Resp: 1492
Ion Ratio Lower Upper
43 100
74 13.5 19.4 29.2#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.783 min Scan# 433
Delta R.T. -0.005 min
Lab File: VX030375.D
Acq: 03 Aug 2022 16:57

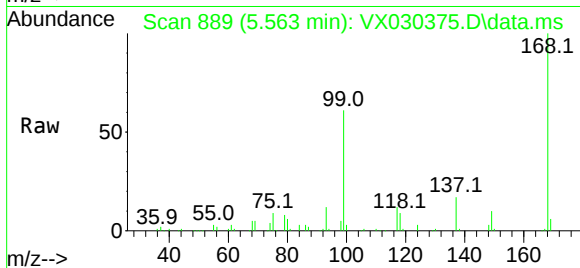
Tgt Ion: 84 Resp: 1913
Ion Ratio Lower Upper
84 100
49 117.0 93.8 140.6
51 32.1 29.4 44.0
86 46.8 51.0 76.4#



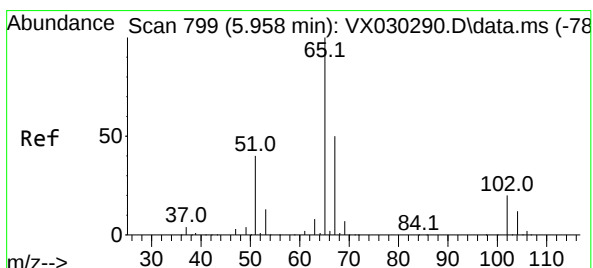
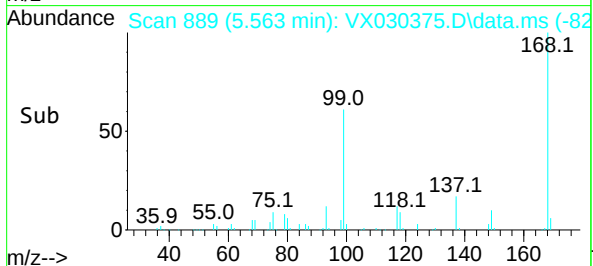
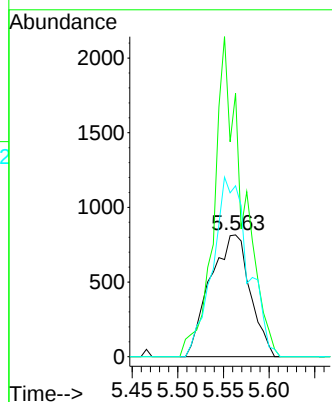


#31
Cyclohexane
Concen: 0.823 ug/l
RT: 5.563 min Scan# 81
Delta R.T. 0.093 min
Lab File: VX030375.D
Acq: 03 Aug 2022 16:57

Instrument :
MSVOA_X
ClientSampleId :
IBLK

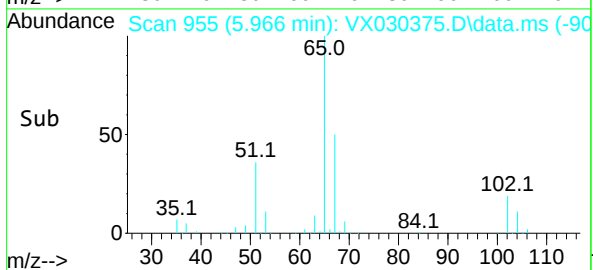
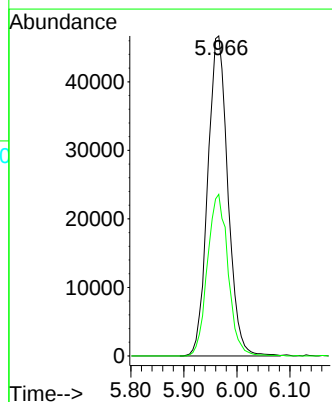
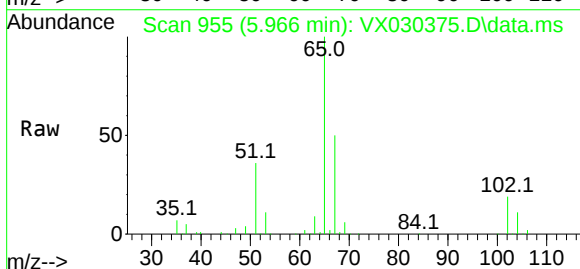


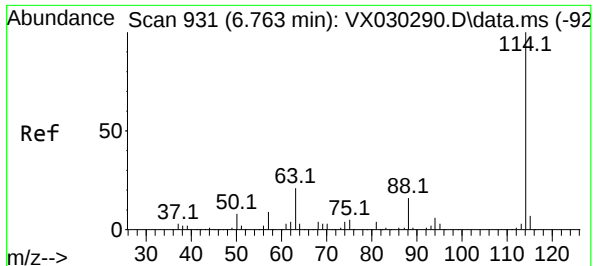
Tgt Ion: 56 Resp: 2479
Ion Ratio Lower Upper
56 100
69 216.1 25.4 38.0#
84 140.3 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 59.271 ug/l
RT: 5.966 min Scan# 955
Delta R.T. 0.002 min
Lab File: VX030375.D
Acq: 03 Aug 2022 16:57

Tgt Ion: 65 Resp: 122975
Ion Ratio Lower Upper
65 100
67 51.9 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.770 min Scan# 1

Delta R.T. 0.001 min

Lab File: VX030375.D

Acq: 03 Aug 2022 16:57

Instrument :

MSVOA_X

ClientSampleId :

IBLK

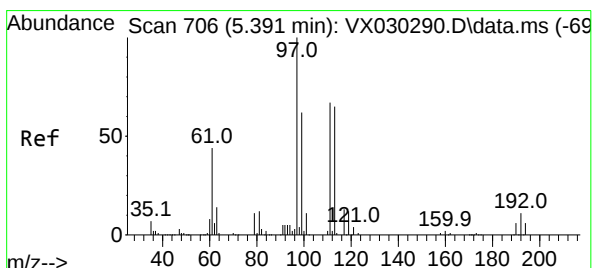
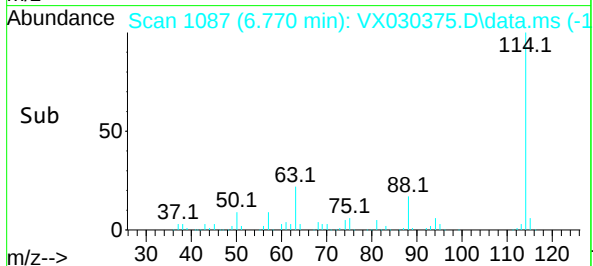
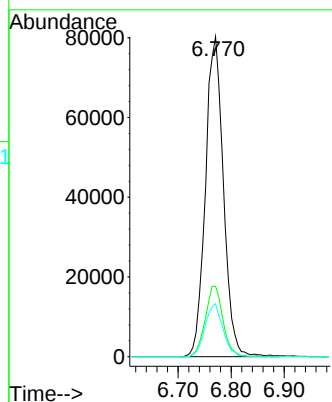
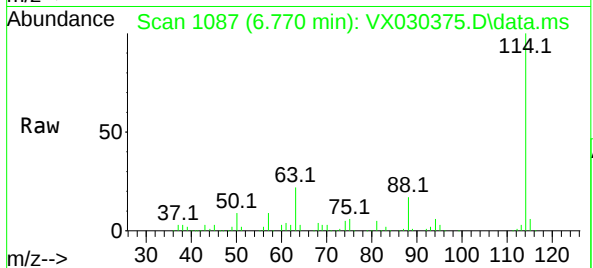
Tgt Ion:114 Resp: 189111

Ion Ratio Lower Upper

114 100

63 22.0 0.0 38.4

88 16.5 0.0 31.8



#35

Dibromofluoromethane

Concen: 49.123 ug/l

RT: 5.386 min Scan# 860

Delta R.T. -0.005 min

Lab File: VX030375.D

Acq: 03 Aug 2022 16:57

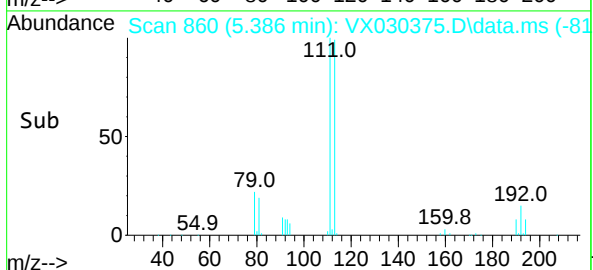
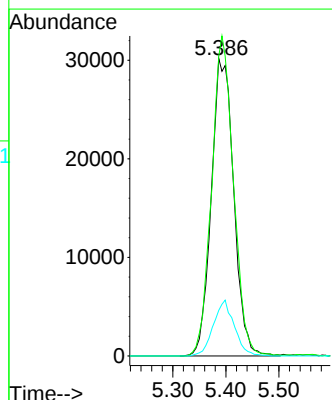
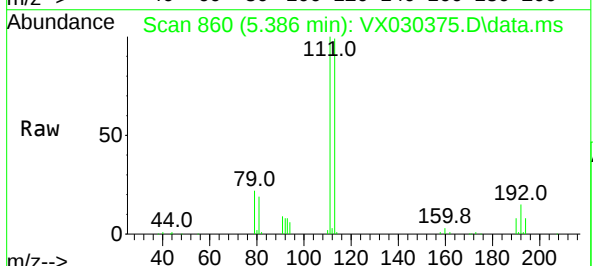
Tgt Ion:113 Resp: 88805

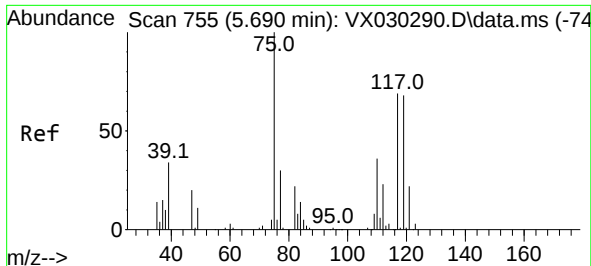
Ion Ratio Lower Upper

113 100

111 104.6 83.2 124.8

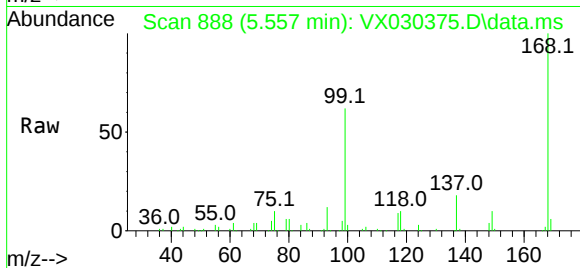
192 17.5 14.8 22.2



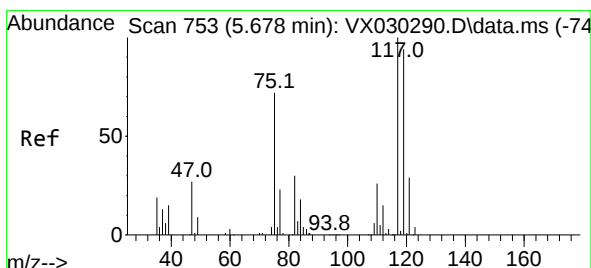
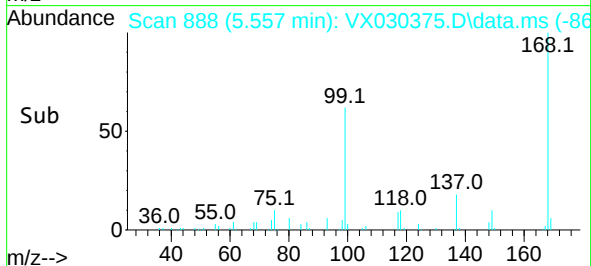
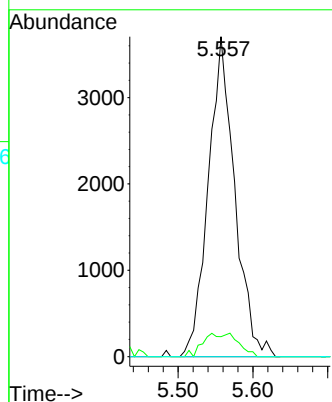


#36
 1,1-Dichloropropene
 Concen: 3.508 ug/l
 RT: 5.557 min Scan# 888
 Delta R.T. -0.139 min
 Lab File: VX030375.D
 Acq: 03 Aug 2022 16:57

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

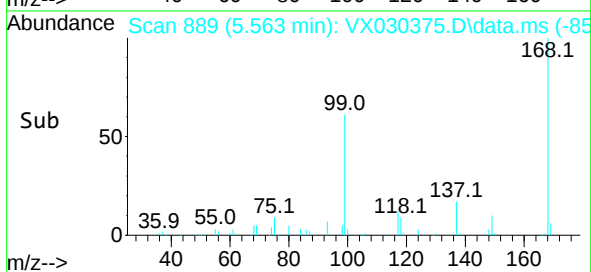
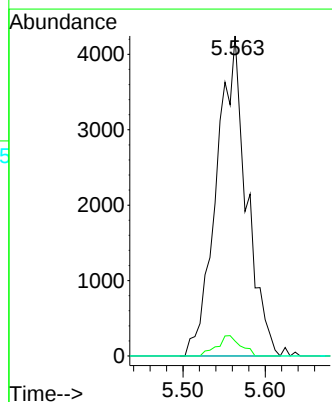
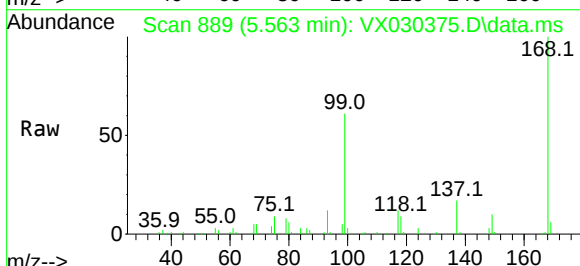


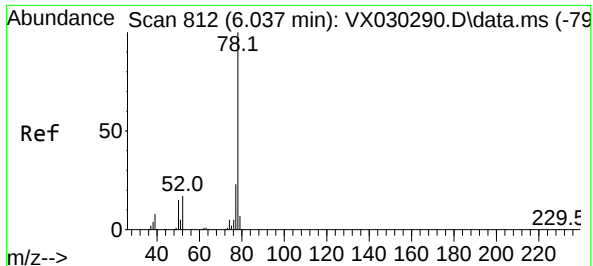
Tgt Ion: 75 Resp: 9126
 Ion Ratio Lower Upper
 75 100
 110 5.3 19.3 57.9#
 77 0.0 24.4 36.6#



#38
 Carbon Tetrachloride
 Concen: 4.438 ug/l
 RT: 5.563 min Scan# 889
 Delta R.T. -0.120 min
 Lab File: VX030375.D
 Acq: 03 Aug 2022 16:57

Tgt Ion: 117 Resp: 10779
 Ion Ratio Lower Upper
 117 100
 119 4.7 74.1 111.1#
 121 0.0 25.8 38.8#

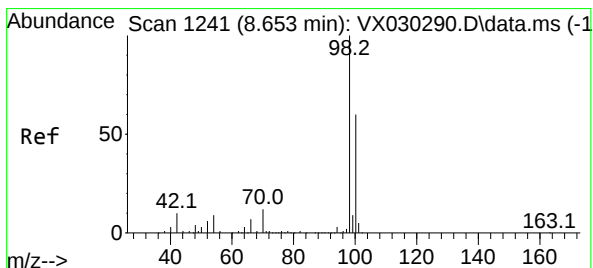
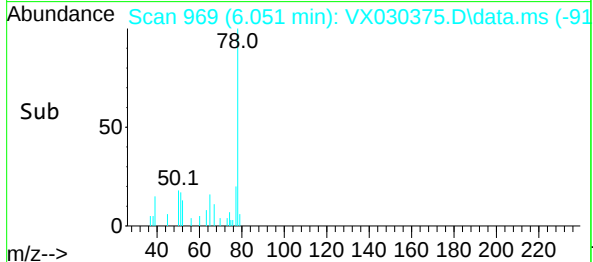
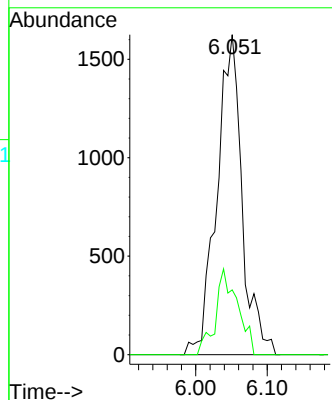
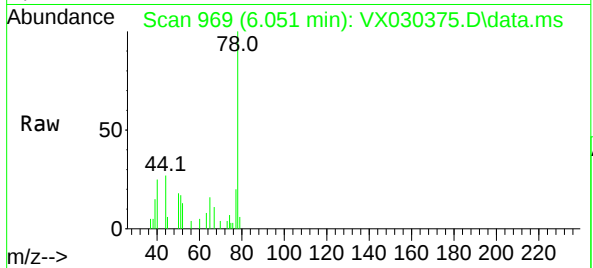




#40
Benzene
Concen: 0.487 ug/l
RT: 6.051 min Scan# 91
Delta R.T. 0.008 min
Lab File: VX030375.D
Acq: 03 Aug 2022 16:57

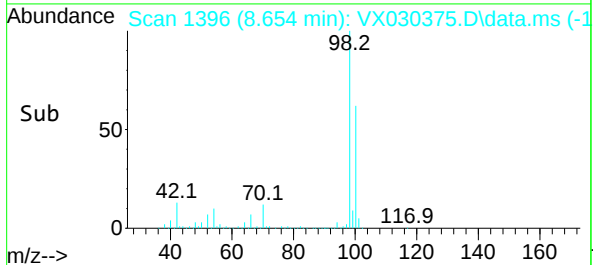
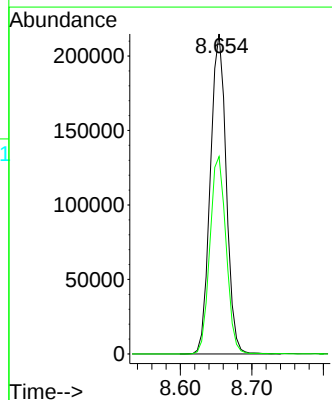
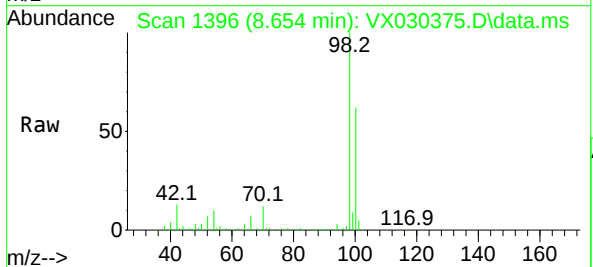
Instrument :
MSVOA_X
ClientSampleId :
IBLK

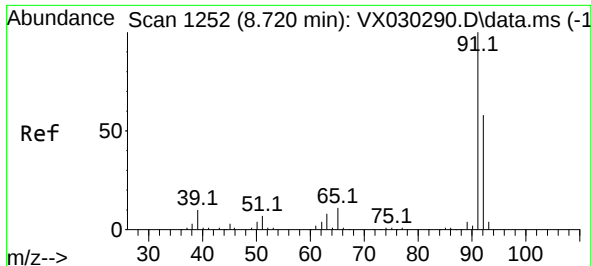
Tgt Ion: 78 Resp: 3985
Ion Ratio Lower Upper
78 100
77 20.2 18.0 27.0



#50
Toluene-d8
Concen: 47.404 ug/l
RT: 8.654 min Scan# 1396
Delta R.T. 0.002 min
Lab File: VX030375.D
Acq: 03 Aug 2022 16:57

Tgt Ion: 98 Resp: 331872
Ion Ratio Lower Upper
98 100
100 62.9 52.3 78.5

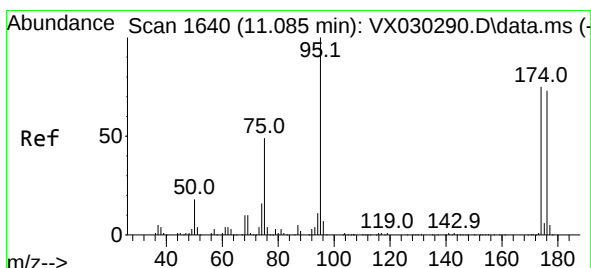
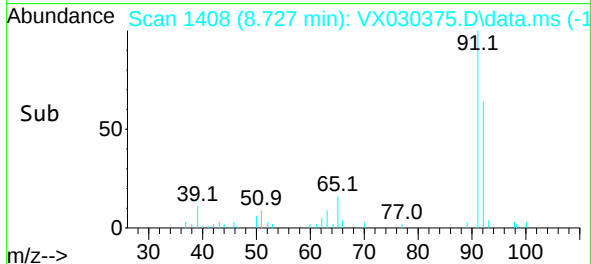
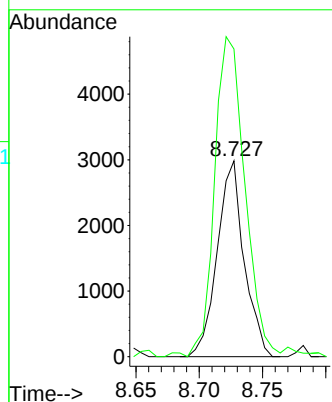
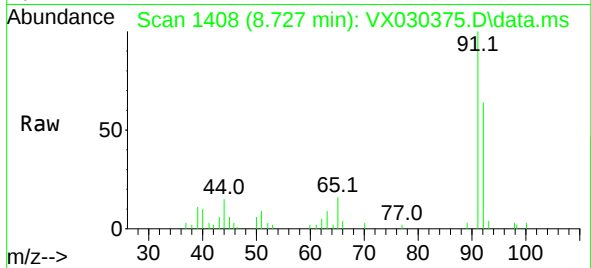




#52
Toluene
Concen: 0.882 ug/l
RT: 8.727 min Scan# 14
Delta R.T. 0.007 min
Lab File: VX030375.D
Acq: 03 Aug 2022 16:57

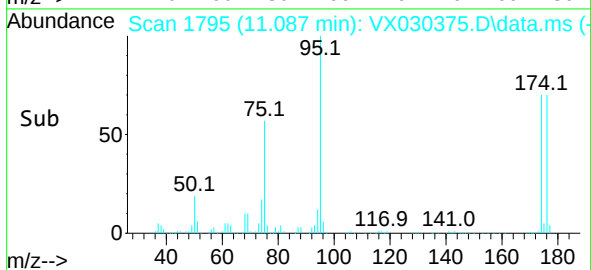
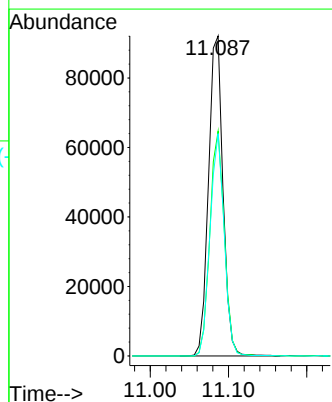
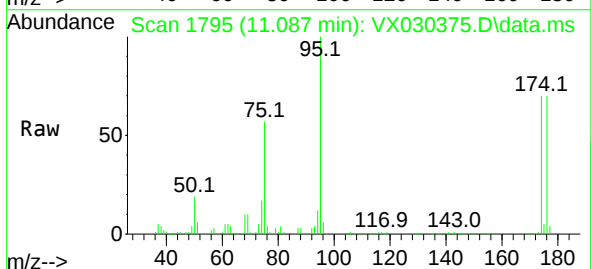
Instrument :
MSVOA_X
ClientSampleId :
IBLK

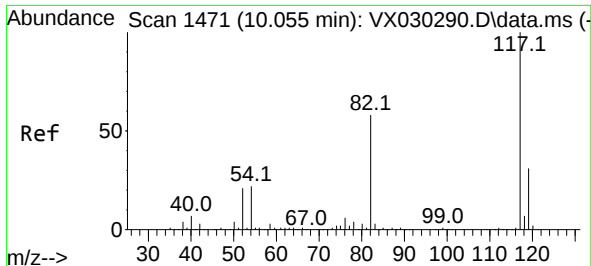
Tgt Ion: 92 Resp: 4405
Ion Ratio Lower Upper
92 100
91 184.4 139.2 208.8



#62
4-Bromofluorobenzene
Concen: 45.433 ug/l
RT: 11.087 min Scan# 1795
Delta R.T. 0.002 min
Lab File: VX030375.D
Acq: 03 Aug 2022 16:57

Tgt Ion: 95 Resp: 118047
Ion Ratio Lower Upper
95 100
174 69.7 0.0 149.0
176 68.0 0.0 146.0

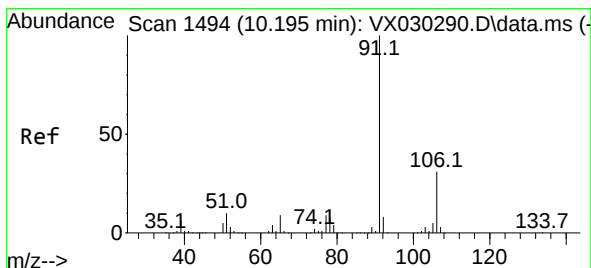
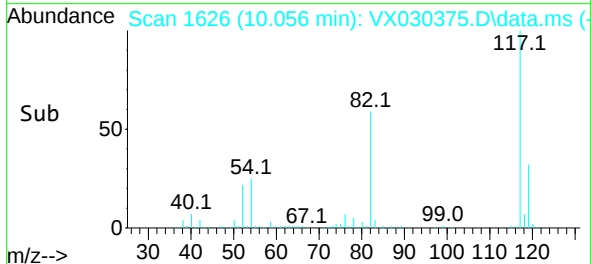
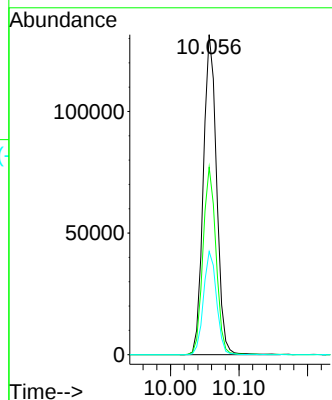
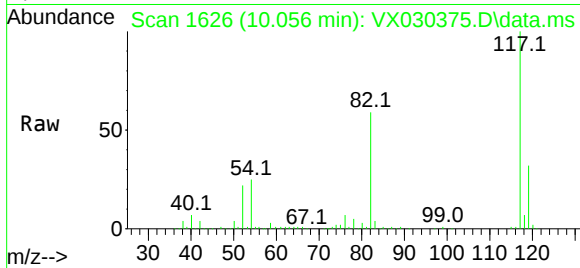




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.056 min Scan# 1
Delta R.T. 0.001 min
Lab File: VX030375.D
Acq: 03 Aug 2022 16:57

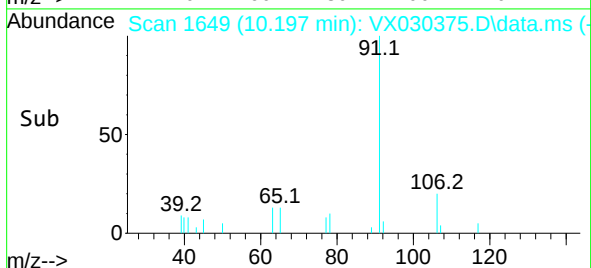
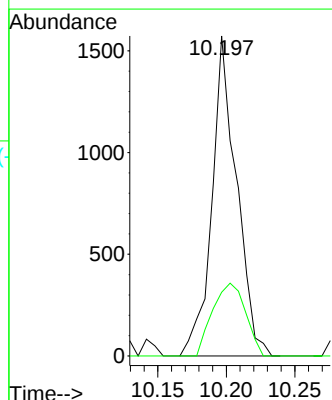
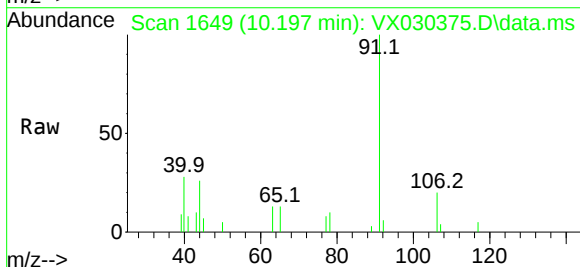
Instrument :
MSVOA_X
ClientSampleId :
IBLK

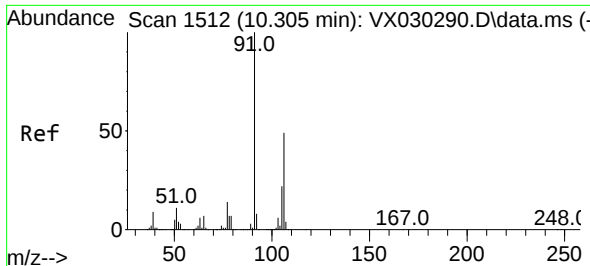
Tgt Ion:117 Resp: 177614
Ion Ratio Lower Upper
117 100
82 58.6 42.7 64.1
119 32.2 25.4 38.2



#67
Ethyl Benzene
Concen: Below Cal
RT: 10.197 min Scan# 1649
Delta R.T. 0.002 min
Lab File: VX030375.D
Acq: 03 Aug 2022 16:57

Tgt Ion: 91 Resp: 1972
Ion Ratio Lower Upper
91 100
106 19.9 25.5 38.3#

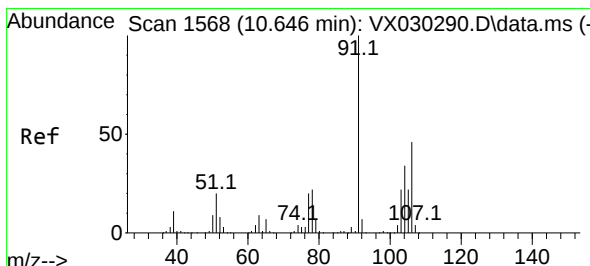
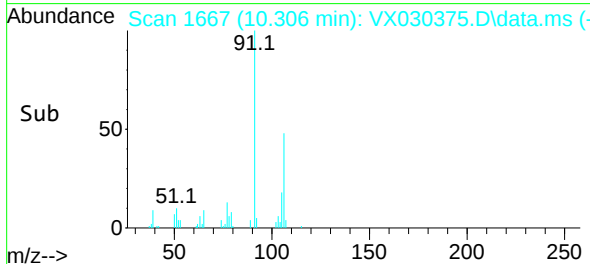
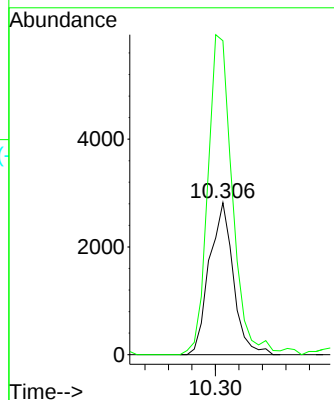
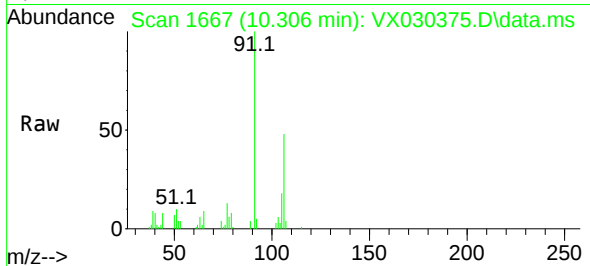




#68
m/p-Xylenes
Concen: 1.227 ug/l
RT: 10.306 min Scan# 1723
Delta R.T. 0.001 min
Lab File: VX030375.D
Acq: 03 Aug 2022 16:57

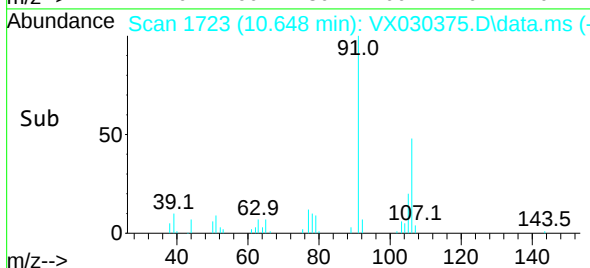
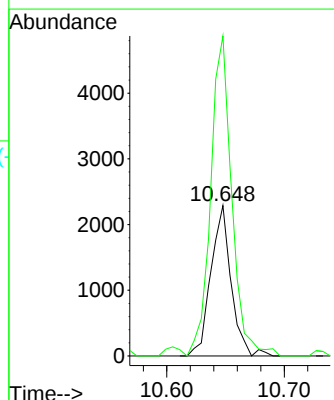
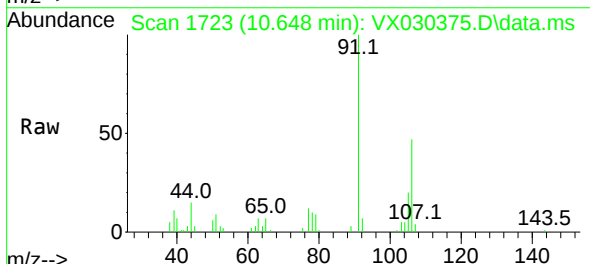
Instrument :
MSVOA_X
ClientSampleId :
IBLK

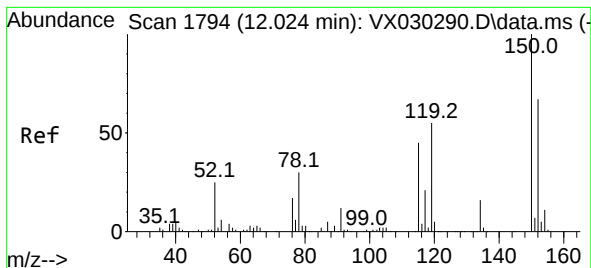
Tgt Ion:106 Resp: 4009
Ion Ratio Lower Upper
106 100
91 214.4 158.2 237.4



#69
o-Xylene
Concen: 0.853 ug/l
RT: 10.648 min Scan# 1723
Delta R.T. 0.002 min
Lab File: VX030375.D
Acq: 03 Aug 2022 16:57

Tgt Ion:106 Resp: 2749
Ion Ratio Lower Upper
106 100
91 221.3 103.8 311.6

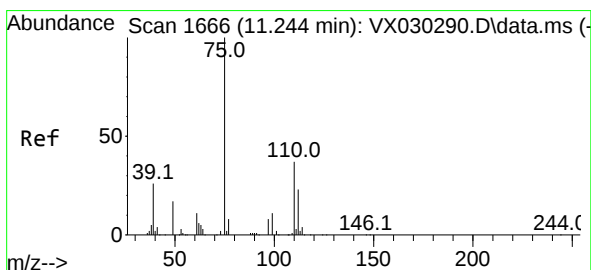
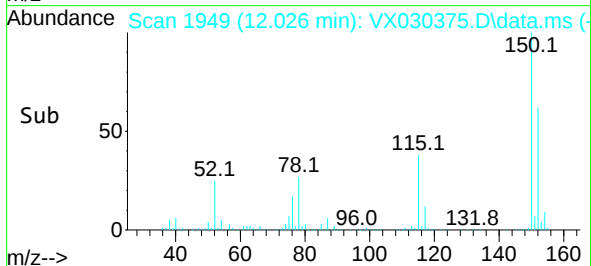
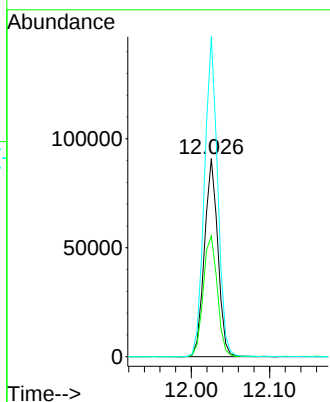
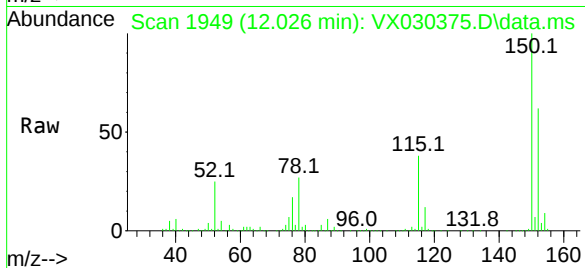




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.026 min Scan# 1795
 Delta R.T. 0.002 min
 Lab File: VX030375.D
 Acq: 03 Aug 2022 16:57

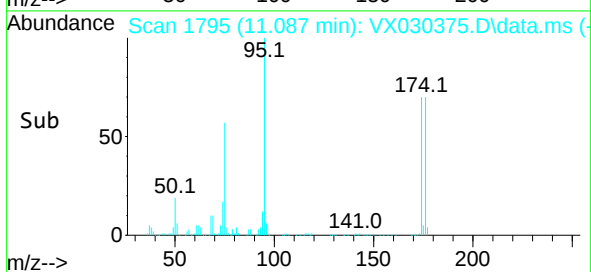
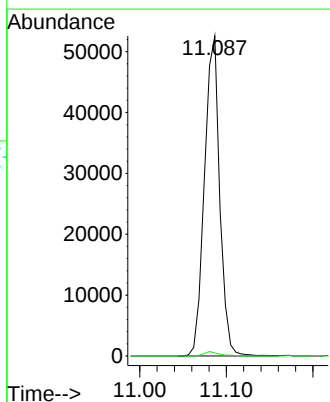
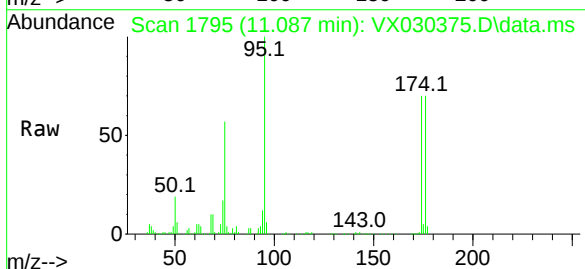
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

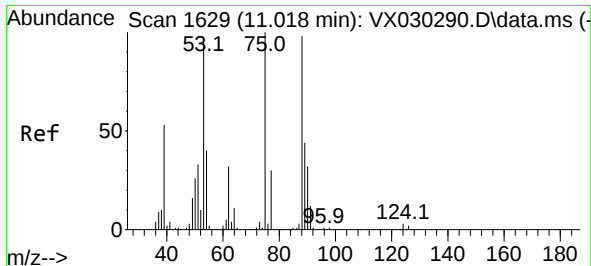
Tgt Ion:152 Resp: 107689
 Ion Ratio Lower Upper
 152 100
 115 64.1 40.5 121.5
 150 159.3 0.0 347.0



#76
 1,2,3-Trichloropropane
 Concen: 22.669 ug/l
 RT: 11.087 min Scan# 1795
 Delta R.T. -0.156 min
 Lab File: VX030375.D
 Acq: 03 Aug 2022 16:57

Tgt Ion: 75 Resp: 64349
 Ion Ratio Lower Upper
 75 100
 77 1.3 19.8 59.3#

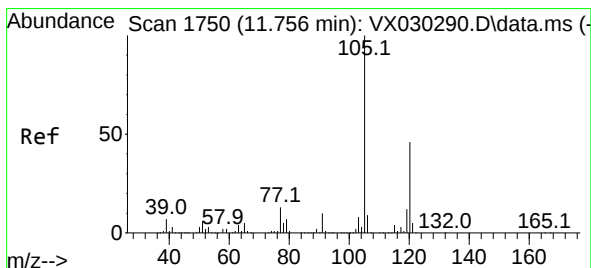
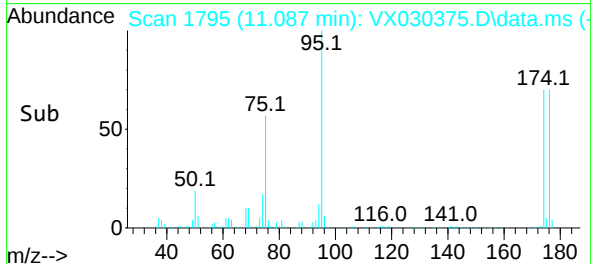
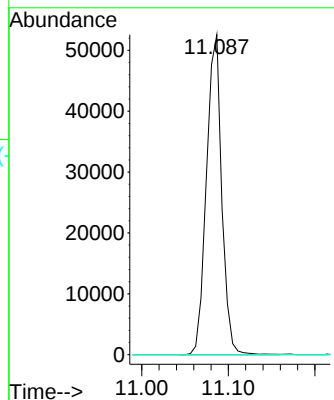
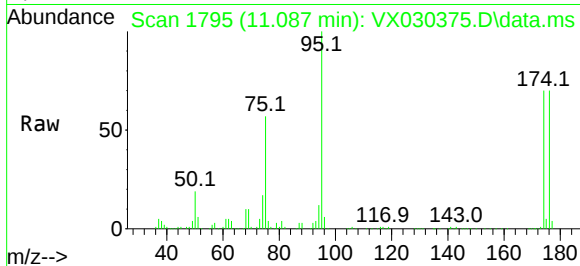




#81
 trans-1,4-Dichloro-2-butene
 Concen: 68.006 ug/l
 RT: 11.087 min Scan# 11
 Delta R.T. 0.063 min
 Lab File: VX030375.D
 Acq: 03 Aug 2022 16:57

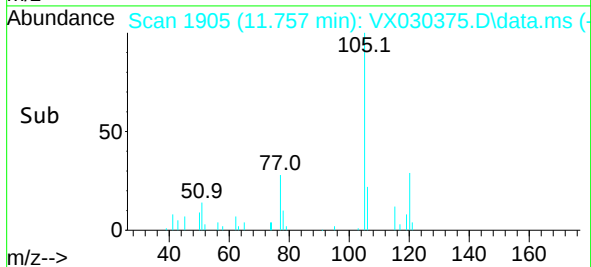
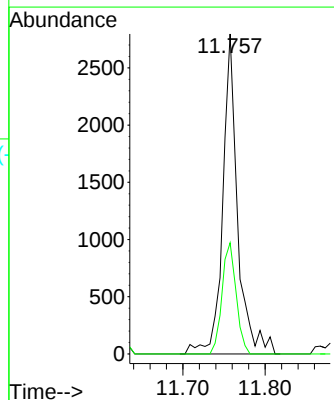
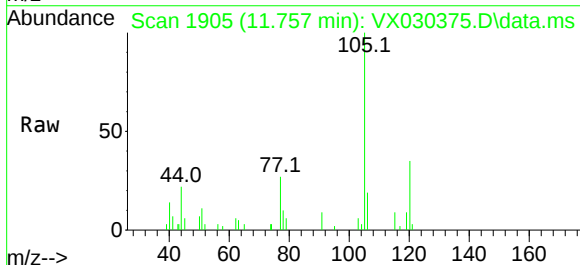
Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

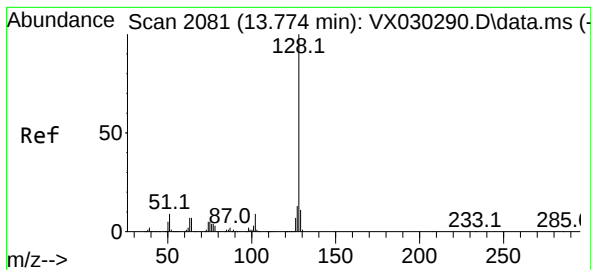
Tgt Ion: 75 Resp: 64349
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.2 111.4#
 89 0.0 34.8 52.2#



#84
 1,2,4-Trimethylbenzene
 Concen: 0.500 ug/l
 RT: 11.757 min Scan# 1905
 Delta R.T. 0.001 min
 Lab File: VX030375.D
 Acq: 03 Aug 2022 16:57

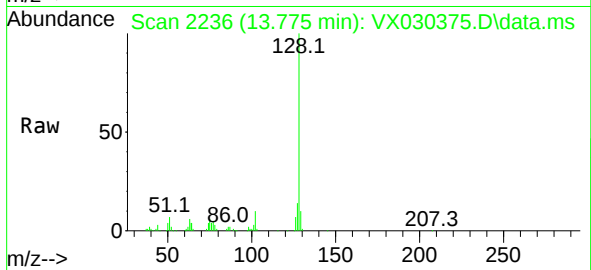
Tgt Ion: 105 Resp: 3514
 Ion Ratio Lower Upper
 105 100
 120 32.8 22.9 68.8





#95
 Naphthalene
 Concen: 4.221 ug/l
 RT: 13.775 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: VX030375.D
 Acq: 03 Aug 2022 16:57

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK



Tgt Ion:128 Resp: 36012
 Ion Ratio Lower Upper
 128 100
 127 13.2 10.2 15.2
 129 10.8 8.6 13.0

