

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102422\
 Data File : VX032347.D
 Acq On : 24 Oct 2022 17:53
 Operator : JC/MD
 Sample : N5260-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-2022-10-21

Quant Time: Oct 25 03:58:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101922W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 22 04:56:40 2022
 Response via : Initial Calibration

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

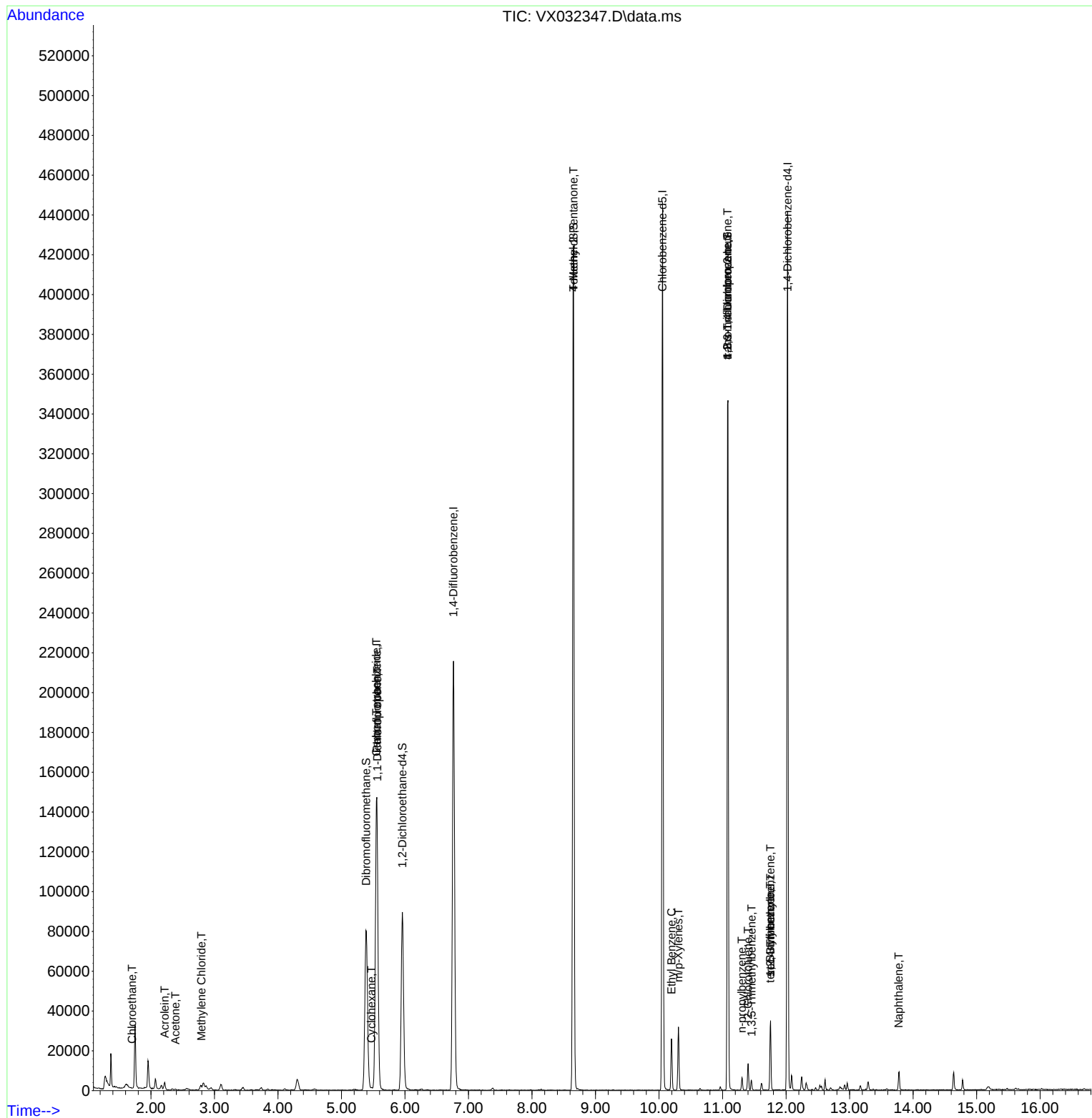
Internal Standards						
1) Pentafluorobenzene	5.556	168	139509	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	217988	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	190951	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	89979	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	88602	48.820	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.640%
35) Dibromofluoromethane	5.385	113	70210	46.285	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.560%
50) Toluene-d8	8.653	98	253287	46.386	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.780%
62) 4-Bromofluorobenzene	11.079	95	89366	44.694	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	89.380%
Target Compounds						
					Qvalue	
3) Chloromethane	1.307	50	406	Below Cal	#	44
6) Chloroethane	1.703	64	114	2.032	ug/l #	41
11) Tert butyl alcohol	2.946	59	916	Below Cal	#	74
13) Acrolein	2.215	56	128	0.579	ug/l #	1
16) Acetone	2.386	43	502	0.852	ug/l	96
20) Methylene Chloride	2.794	84	469	0.310	ug/l	89
31) Cyclohexane	5.470	56	592	0.285	ug/l #	81
36) 1,1-Dichloropropene	5.562	75	11033	5.654	ug/l #	49
38) Carbon Tetrachloride	5.550	117	14702	7.137	ug/l #	15
51) 4-Methyl-2-Pentanone	8.653	43	1213	0.645	ug/l #	1
67) Ethyl Benzene	10.195	91	14607	2.107	ug/l	95
68) m/p-Xylenes	10.305	106	7048	2.575	ug/l	99
76) 1,2,3-Trichloropropane	11.079	75	48756	27.347	ug/l #	44
78) n-propylbenzene	11.305	91	4200	0.571	ug/l	96
79) 2-Chlorotoluene	11.402	91	992	0.224	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.457	105	2321	0.419	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.079	75	48756	83.932	ug/l #	6
83) tert-Butylbenzene	11.750	119	1882	0.339	ug/l #	57
84) 1,2,4-Trimethylbenzene	11.756	105	16062	2.979	ug/l	99
85) sec-Butylbenzene	11.756	105	16062	2.395	ug/l #	56
95) Naphthalene	13.774	128	6657	1.074	ug/l	97

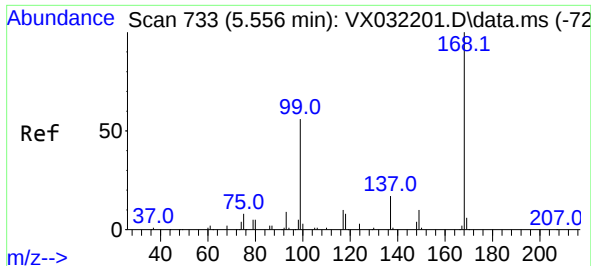
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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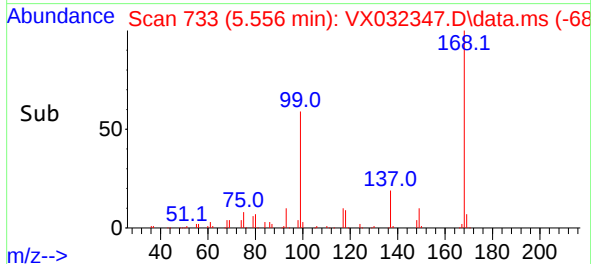
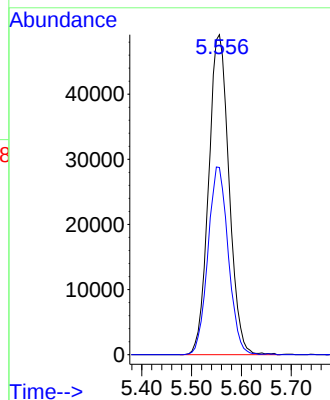
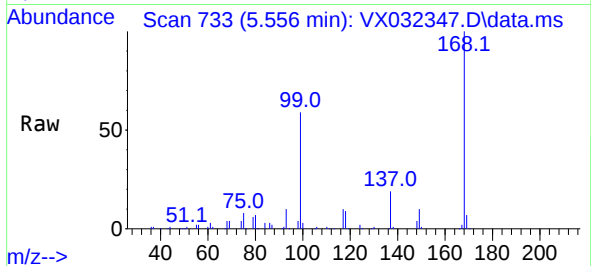




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032347.D
Acq: 24 Oct 2022 17:53

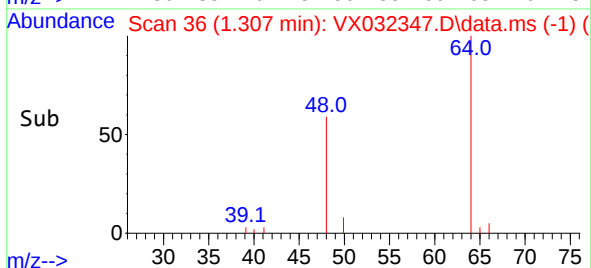
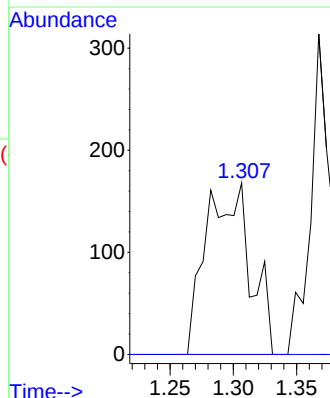
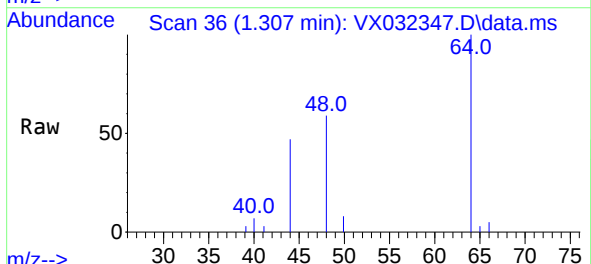
Instrument :
MSVOA_X
ClientSampleId :
TB-2022-10-21

Tgt Ion:168 Resp: 139509
Ion Ratio Lower Upper
168 100
99 58.5 44.8 67.2

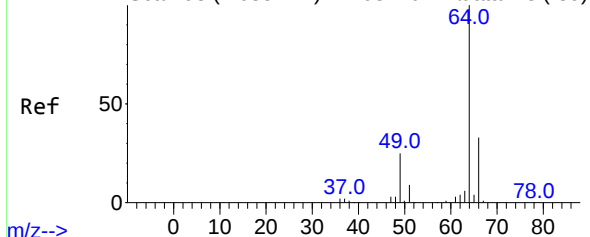


#3
Chloromethane
Concen: Below Cal
RT: 1.307 min Scan# 36
Delta R.T. 0.012 min
Lab File: VX032347.D
Acq: 24 Oct 2022 17:53

Tgt Ion: 50 Resp: 406
Ion Ratio Lower Upper
50 100
52 0.0 24.7 37.1#



Abundance Scan 98 (1.685 min): VX032201.D\data.ms (-89)

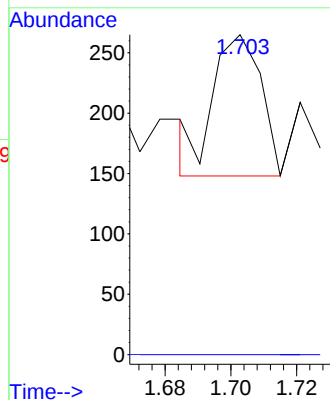
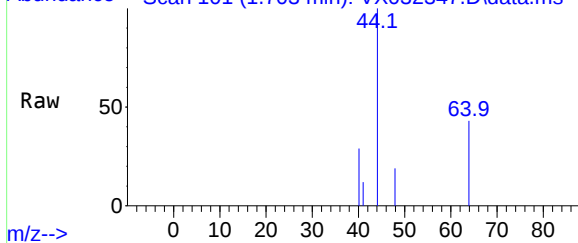


#6
Chloroethane
Concen: 2.032 ug/l
RT: 1.703 min Scan# 114
Delta R.T. 0.018 min
Lab File: VX032347.D
Acq: 24 Oct 2022 17:53

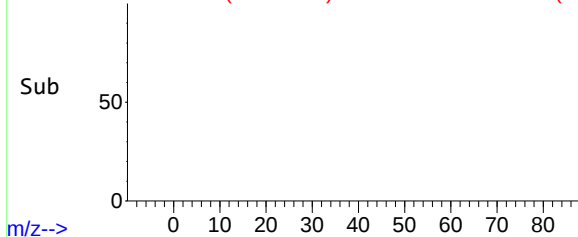
Instrument :
MSVOA_X
ClientSampleId :
TB-2022-10-21

Tgt Ion: 64 Resp: 114
Ion Ratio Lower Upper
64 100
66 0.0 26.6 39.8#

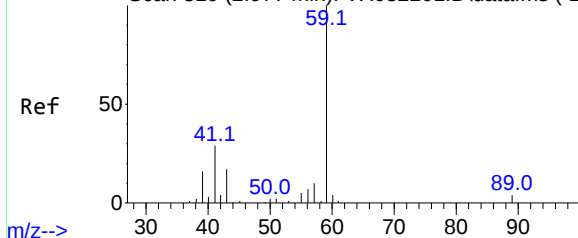
Abundance Scan 101 (1.703 min): VX032347.D\data.ms



Abundance Scan 101 (1.703 min): VX032347.D\data.ms (-49)



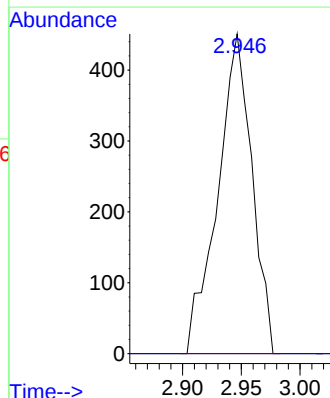
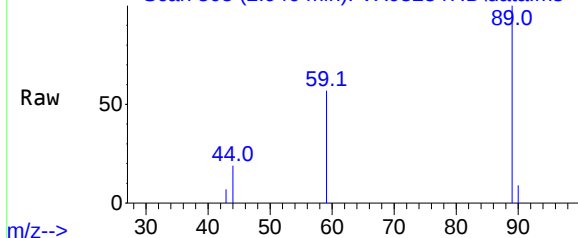
Abundance Scan 310 (2.977 min): VX032201.D\data.ms (-29)



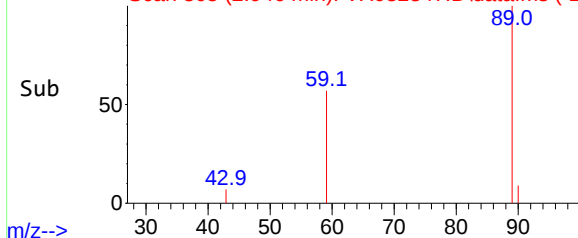
#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.946 min Scan# 305
Delta R.T. -0.031 min
Lab File: VX032347.D
Acq: 24 Oct 2022 17:53

Tgt Ion: 59 Resp: 916
Ion Ratio Lower Upper
59 100
57 0.0 7.5 11.3#

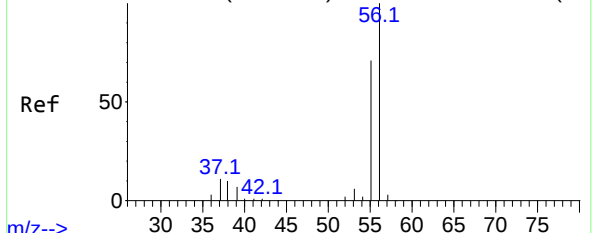
Abundance Scan 305 (2.946 min): VX032347.D\data.ms



Abundance Scan 305 (2.946 min): VX032347.D\data.ms (-26)



Abundance Scan 188 (2.233 min): VX032201.D\data.ms (-18



#13

Acrolein

Concen: 0.579 ug/l

RT: 2.215 min Scan# 11

Delta R.T. -0.018 min

Lab File: VX032347.D

Acq: 24 Oct 2022 17:53

Instrument :

MSVOA_X

ClientSampleId :

TB-2022-10-21

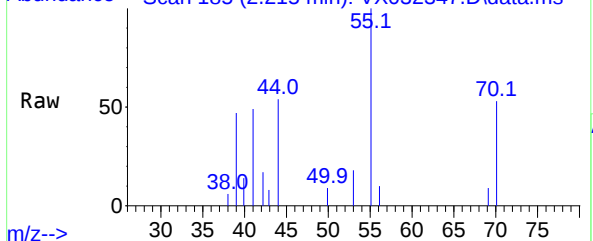
Tgt Ion: 56 Resp: 128

Ion Ratio Lower Upper

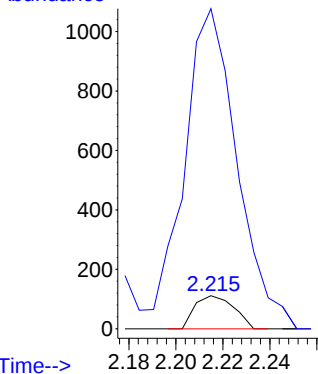
56 100

55 1321.1 56.4 84.6#

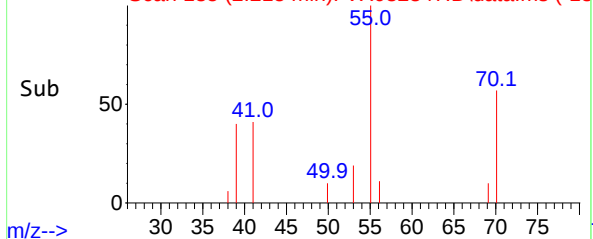
Abundance Scan 185 (2.215 min): VX032347.D\data.ms



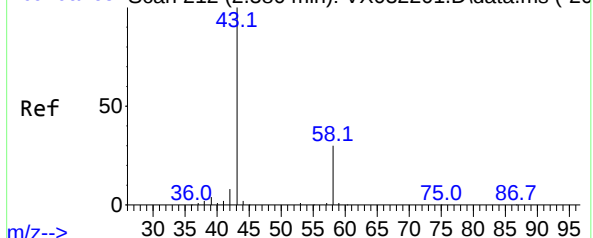
Abundance



Abundance Scan 185 (2.215 min): VX032347.D\data.ms (-13



Abundance Scan 212 (2.380 min): VX032201.D\data.ms (-20



#16

Acetone

Concen: 0.852 ug/l

RT: 2.386 min Scan# 213

Delta R.T. 0.006 min

Lab File: VX032347.D

Acq: 24 Oct 2022 17:53

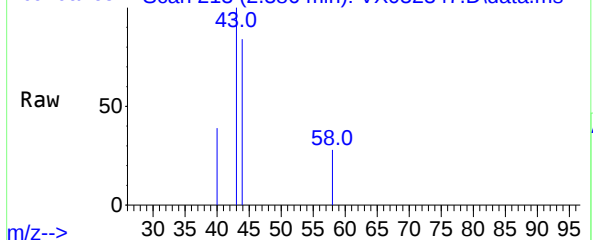
Tgt Ion: 43 Resp: 502

Ion Ratio Lower Upper

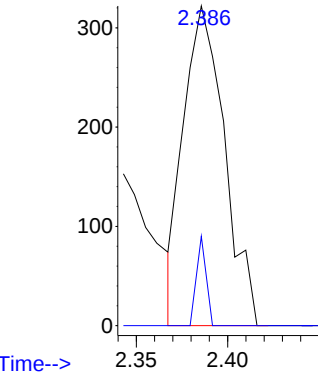
43 100

58 28.0 24.2 36.2

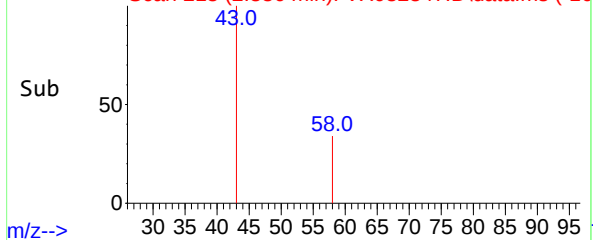
Abundance Scan 213 (2.386 min): VX032347.D\data.ms

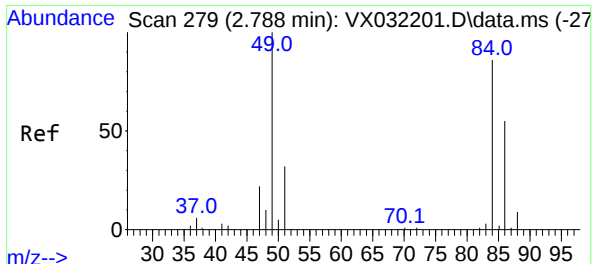


Abundance



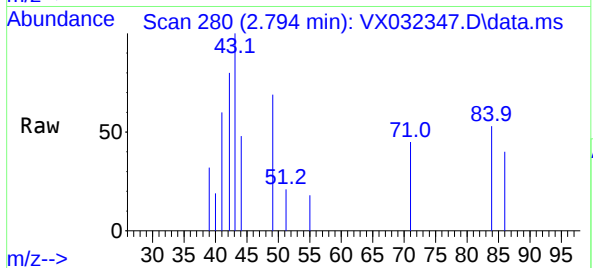
Abundance Scan 213 (2.386 min): VX032347.D\data.ms (-16





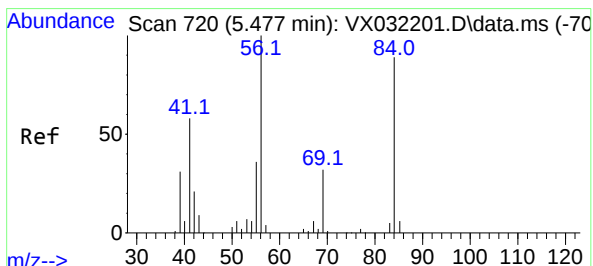
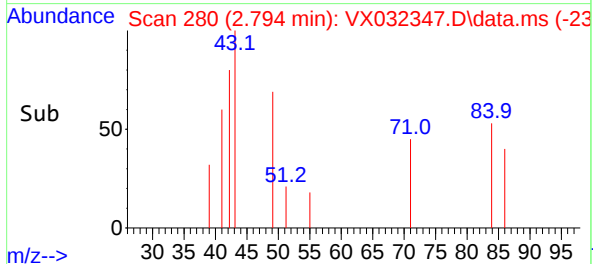
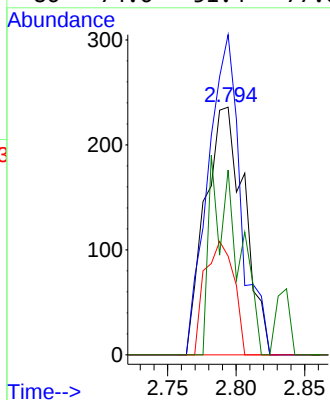
#20
Methylene Chloride
Concen: 0.310 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX032347.D
Acq: 24 Oct 2022 17:53

Instrument :
MSVOA_X
ClientSampleId :
TB-2022-10-21



Tgt Ion: 84 Resp: 469

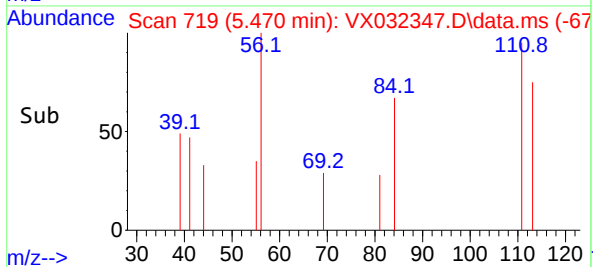
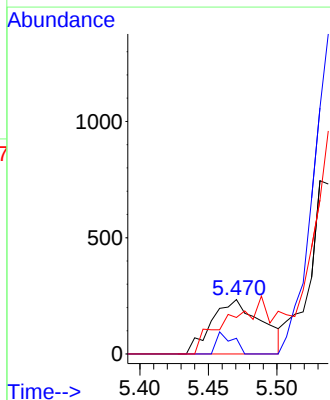
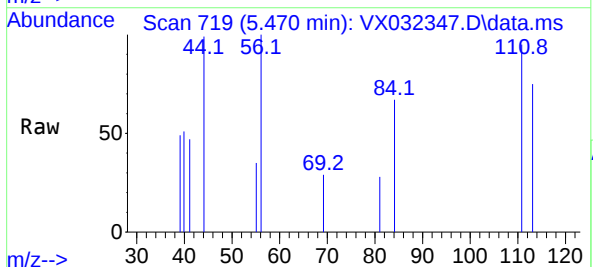
Ion	Ratio	Lower	Upper
84	100		
49	129.2	92.6	139.0
51	39.8	29.2	43.8
86	74.6	51.4	77.0

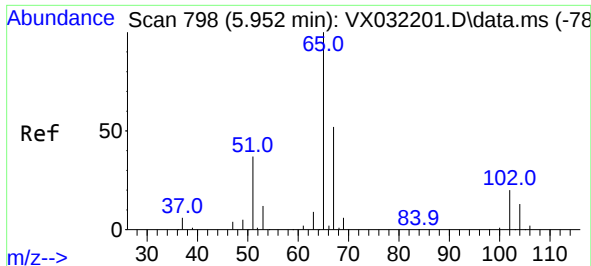


#31
Cyclohexane
Concen: 0.285 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.007 min
Lab File: VX032347.D
Acq: 24 Oct 2022 17:53

Tgt Ion: 56 Resp: 592

Ion	Ratio	Lower	Upper
56	100		
69	29.1	25.4	38.0
84	67.1	71.2	106.8





#33

1,2-Dichloroethane-d4

Concen: 48.820 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX032347.D

Acq: 24 Oct 2022 17:53

Instrument :

MSVOA_X

ClientSampleId :

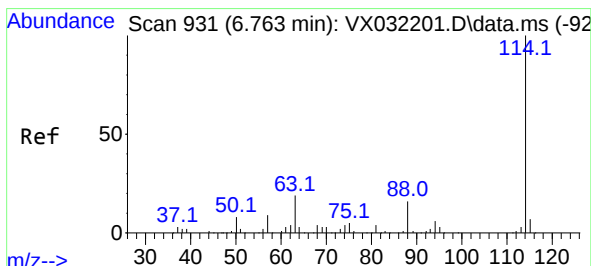
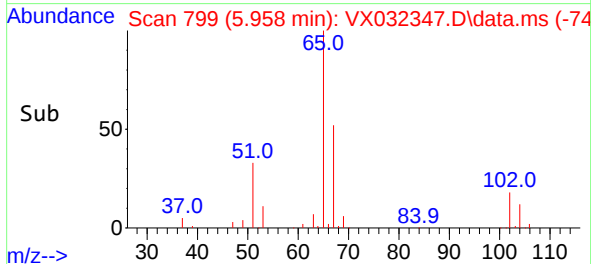
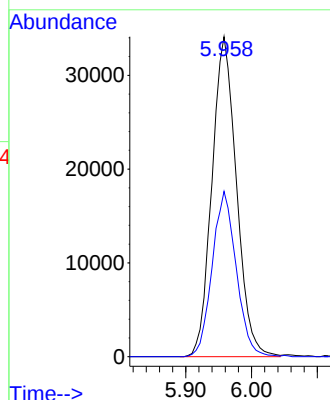
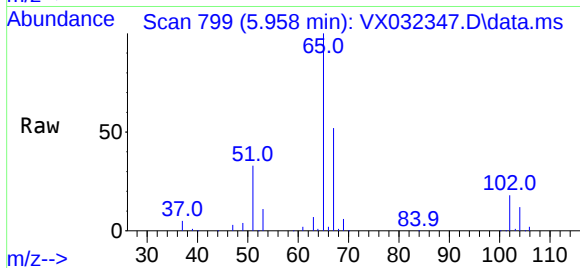
TB-2022-10-21

Tgt Ion: 65 Resp: 88602

Ion Ratio Lower Upper

65 100

67 50.6 0.0 103.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX032347.D

Acq: 24 Oct 2022 17:53

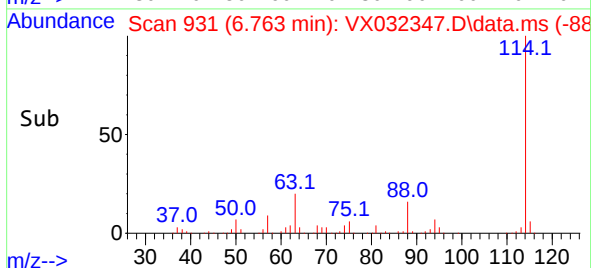
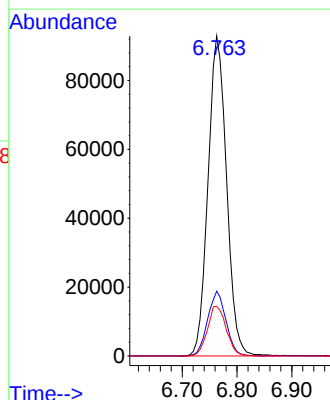
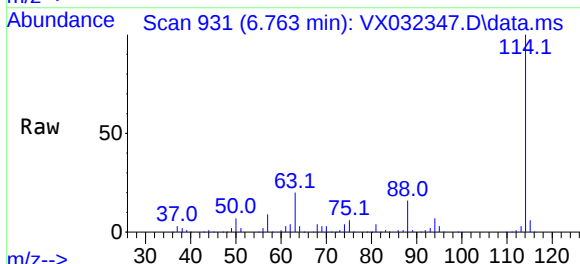
Tgt Ion: 114 Resp: 217988

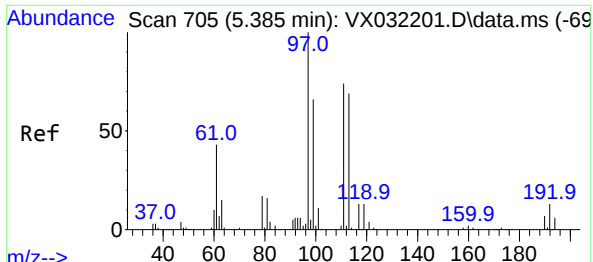
Ion Ratio Lower Upper

114 100

63 20.2 0.0 38.6

88 15.5 0.0 32.6

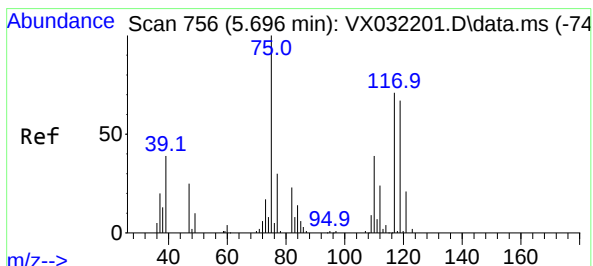
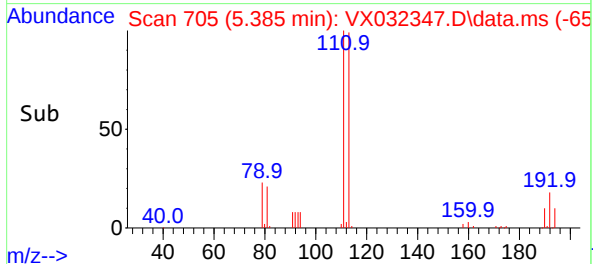
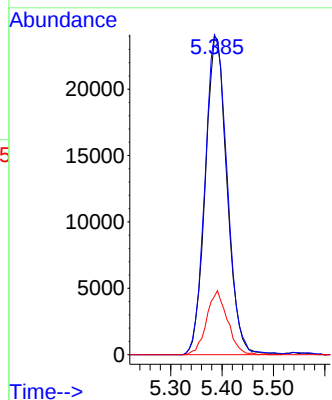
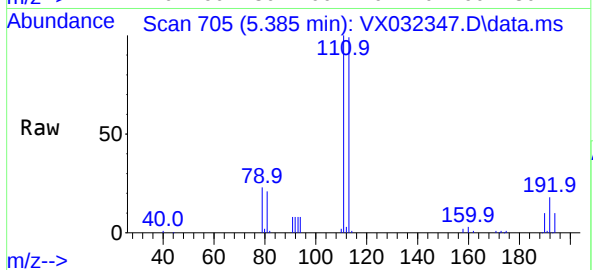




#35
Dibromofluoromethane
Concen: 46.285 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032347.D
Acq: 24 Oct 2022 17:53

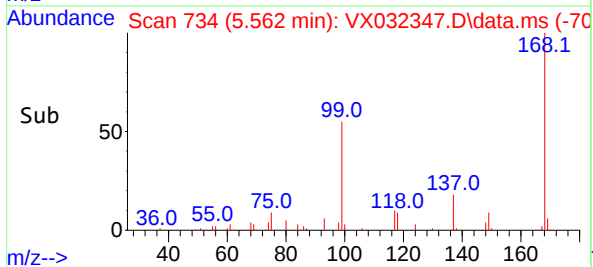
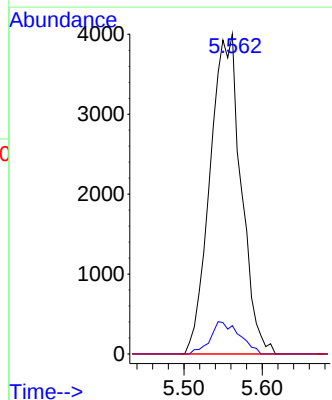
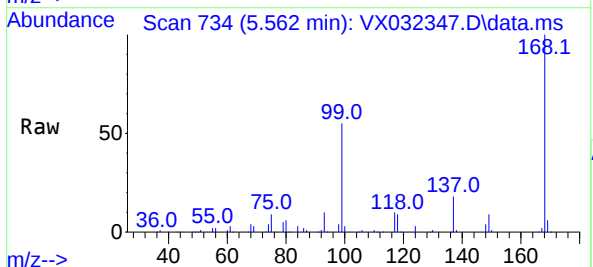
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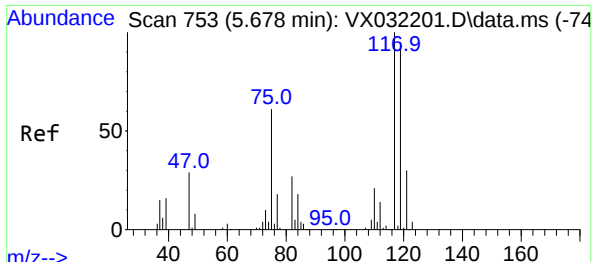
Tgt Ion:113 Resp: 70210
Ion Ratio Lower Upper
113 100
111 103.3 82.8 124.2
192 19.3 15.5 23.3



#36
1,1-Dichloropropene
Concen: 5.654 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.134 min
Lab File: VX032347.D
Acq: 24 Oct 2022 17:53

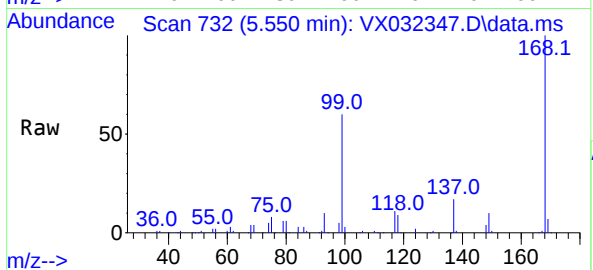
Tgt Ion: 75 Resp: 11033
Ion Ratio Lower Upper
75 100
110 9.5 18.4 55.0#
77 0.0 24.7 37.1#



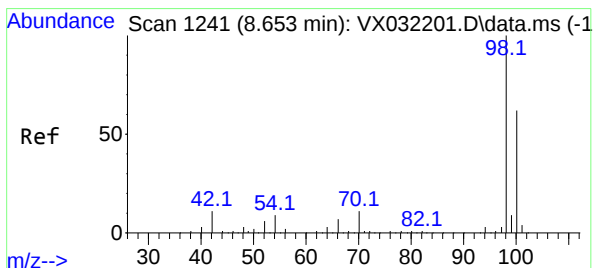
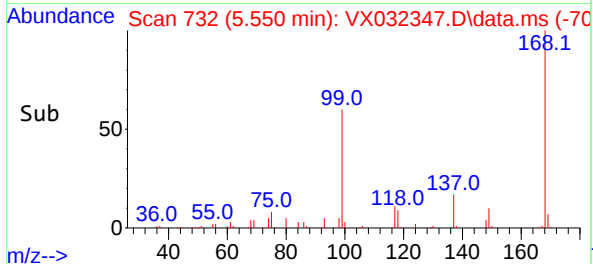
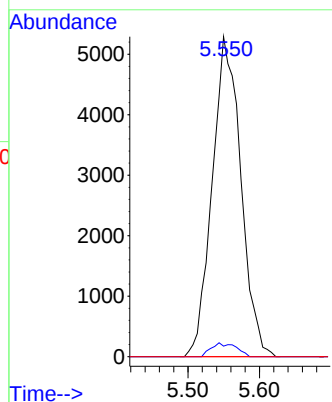


#38
Carbon Tetrachloride
Concen: 7.137 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX032347.D
Acq: 24 Oct 2022 17:53

Instrument :
MSVOA_X
ClientSampleId :
TB-2022-10-21

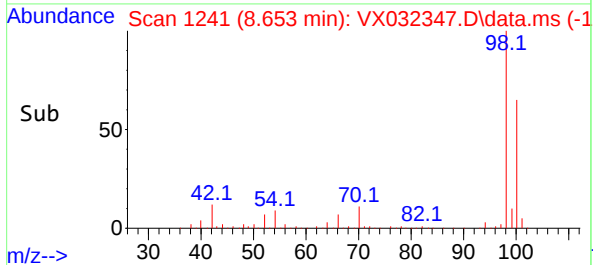
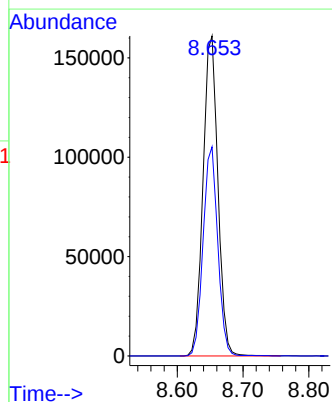
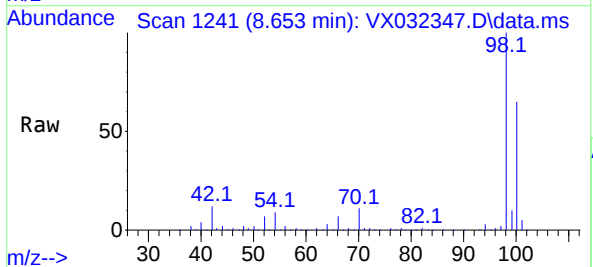


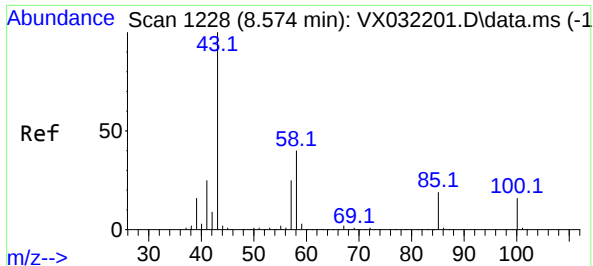
Tgt Ion:117 Resp: 14702
Ion Ratio Lower Upper
117 100
119 3.3 75.4 113.0#
121 0.0 23.9 35.9#



#50
Toluene-d8
Concen: 46.386 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX032347.D
Acq: 24 Oct 2022 17:53

Tgt Ion: 98 Resp: 253287
Ion Ratio Lower Upper
98 100
100 64.3 50.7 76.1





#51

4-Methyl-2-Pentanone

Concen: 0.645 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.079 min

Lab File: VX032347.D

Acq: 24 Oct 2022 17:53

Instrument :

MSVOA_X

ClientSampleId :

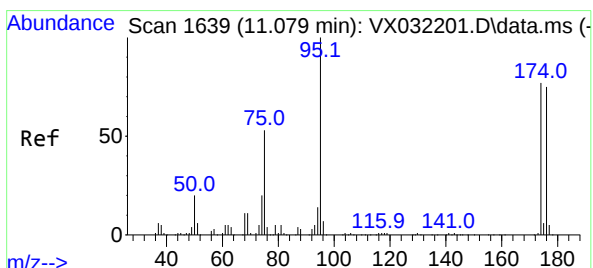
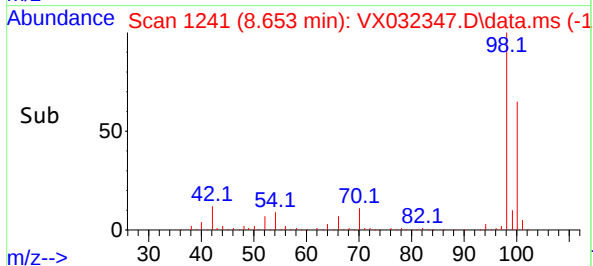
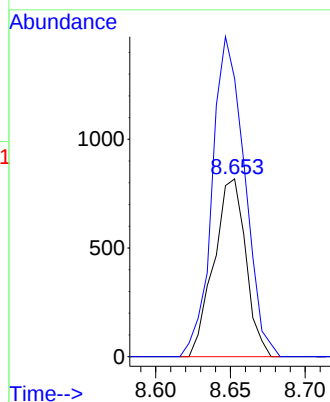
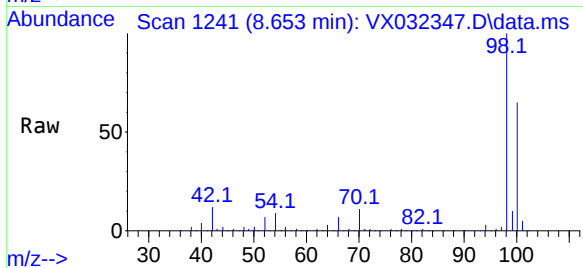
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Tgt Ion: 43 Resp: 1213

Ion Ratio Lower Upper

43 100

58 182.9 31.0 46.4#



#62

4-Bromofluorobenzene

Concen: 44.694 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX032347.D

Acq: 24 Oct 2022 17:53

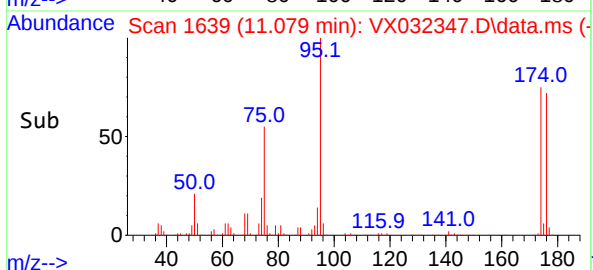
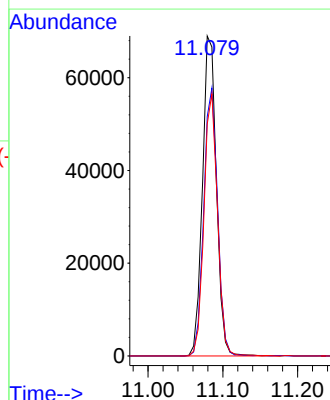
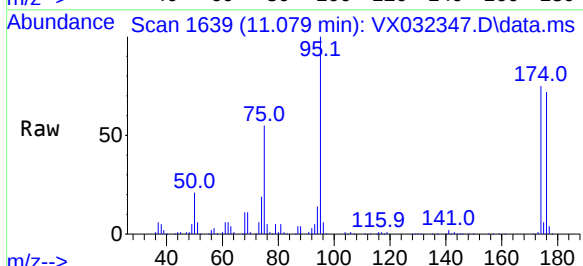
Tgt Ion: 95 Resp: 89366

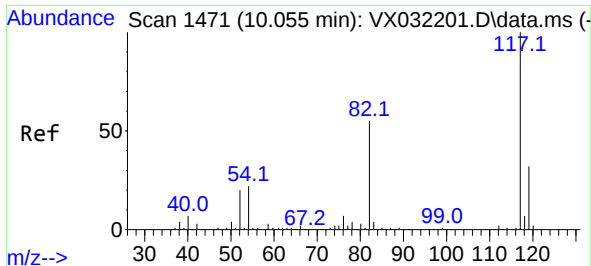
Ion Ratio Lower Upper

95 100

174 83.0 0.0 166.8

176 79.6 0.0 161.4

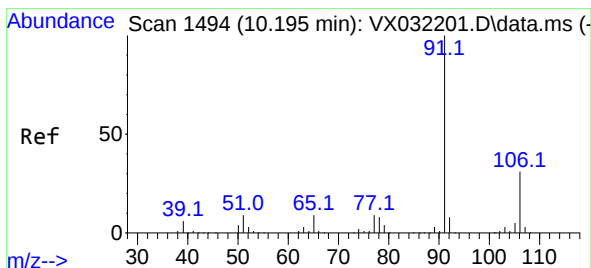
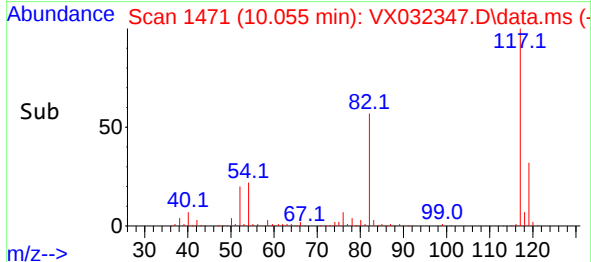
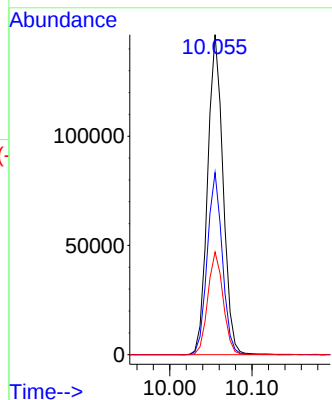
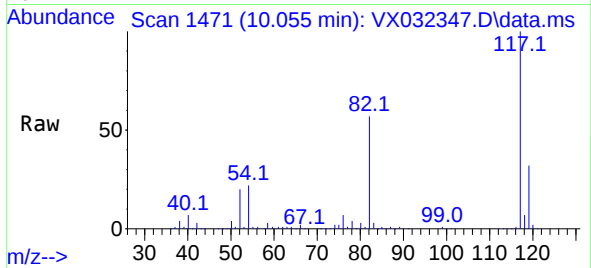




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032347.D
Acq: 24 Oct 2022 17:53

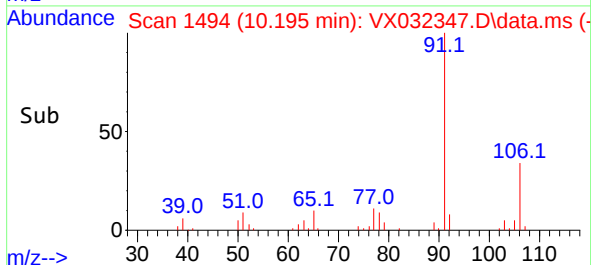
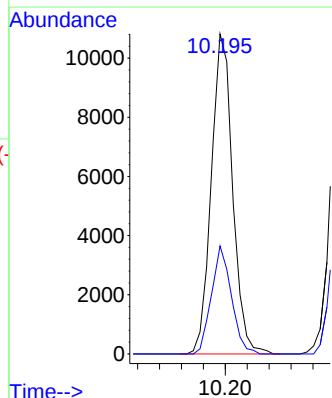
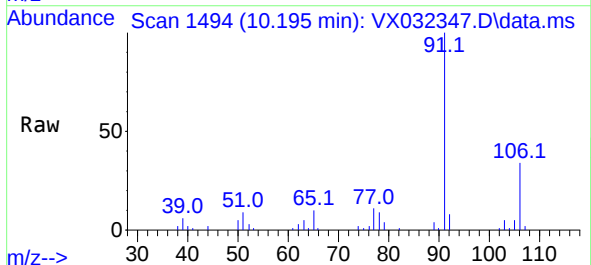
Instrument :
MSVOA_X
ClientSampleId :
TB-2022-10-21

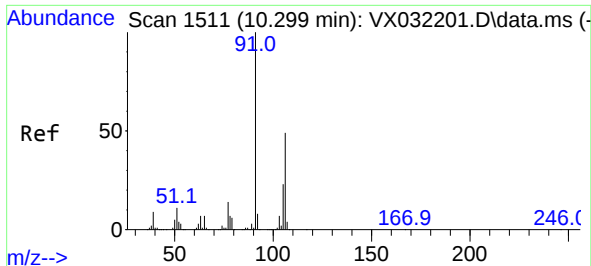
Tgt Ion:117 Resp: 190951
Ion Ratio Lower Upper
117 100
82 56.9 44.2 66.4
119 32.1 25.8 38.8



#67
Ethyl Benzene
Concen: 2.107 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX032347.D
Acq: 24 Oct 2022 17:53

Tgt Ion: 91 Resp: 14607
Ion Ratio Lower Upper
91 100
106 33.8 25.0 37.4

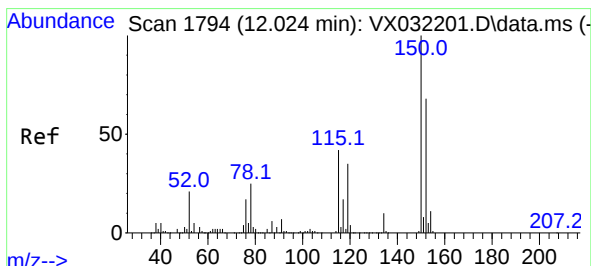
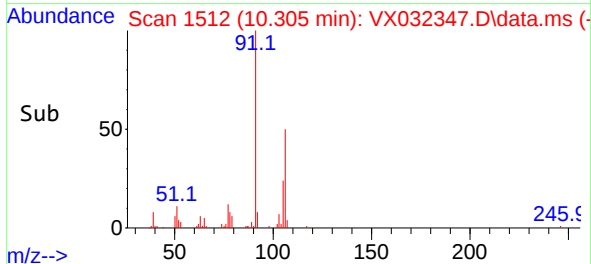
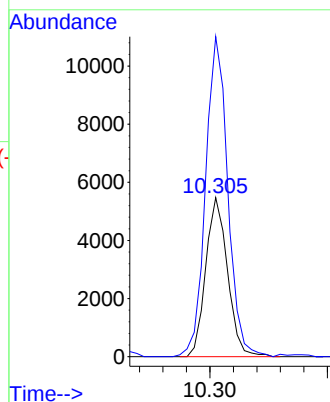
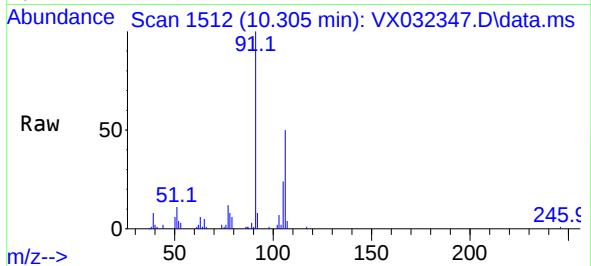




#68
m/p-Xylenes
Concen: 2.575 ug/l
RT: 10.305 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX032347.D
Acq: 24 Oct 2022 17:53

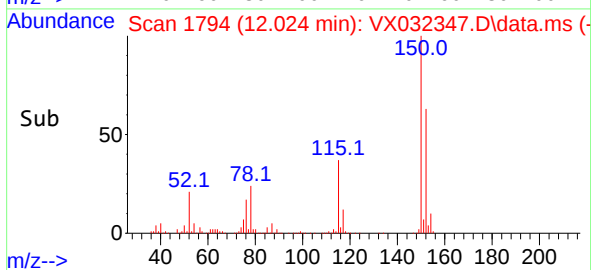
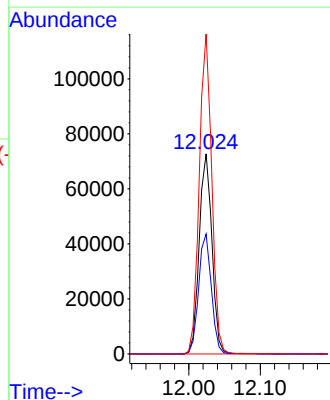
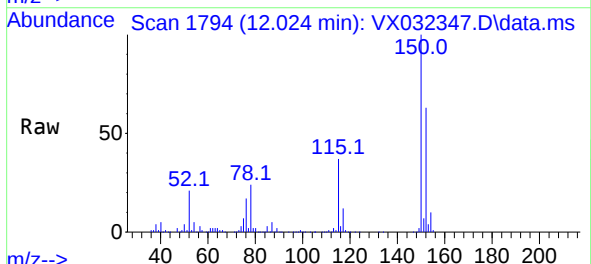
Instrument :
MSVOA_X
ClientSampleId :
TB-2022-10-21

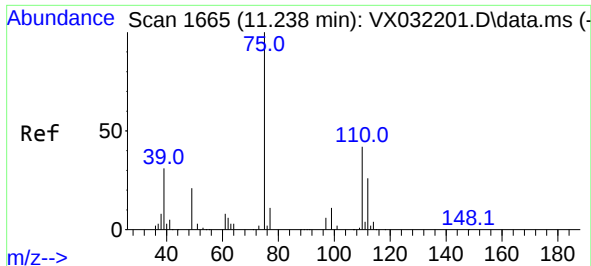
Tgt Ion:106 Resp: 7048
Ion Ratio Lower Upper
106 100
91 204.9 162.6 244.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032347.D
Acq: 24 Oct 2022 17:53

Tgt Ion:152 Resp: 89979
Ion Ratio Lower Upper
152 100
115 59.9 43.1 129.4
150 156.4 0.0 348.6

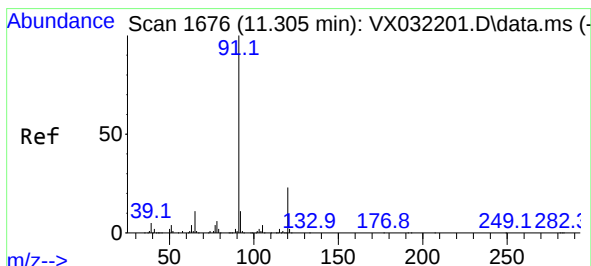
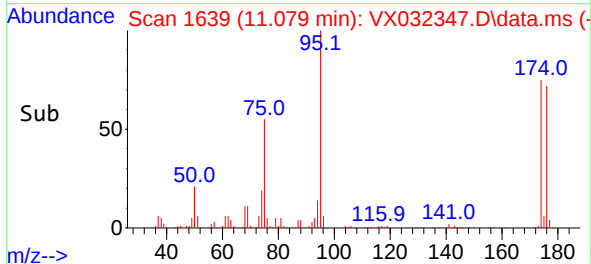
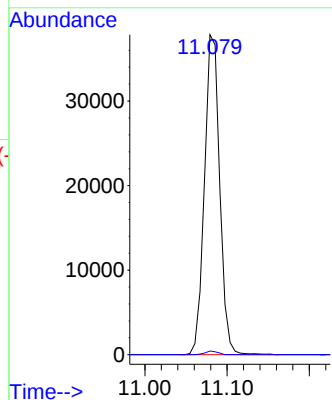
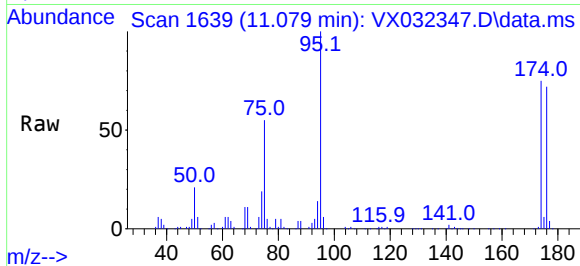




#76
1,2,3-Trichloropropane
Concen: 27.347 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX032347.D
Acq: 24 Oct 2022 17:53

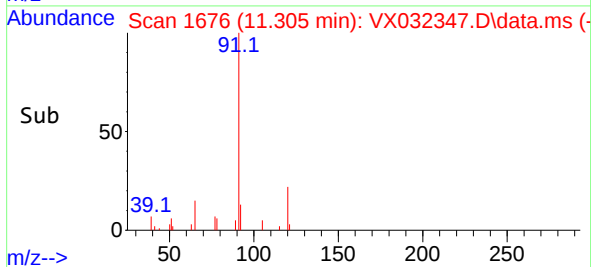
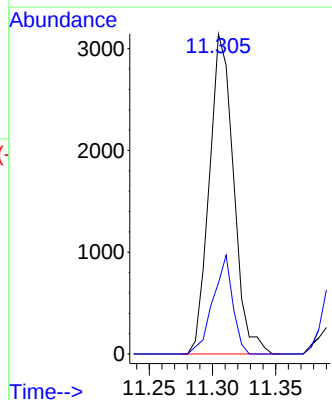
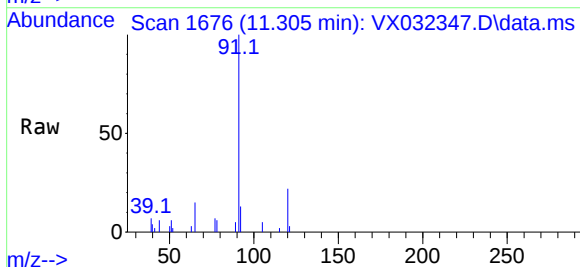
Instrument :
MSVOA_X
ClientSampleId :
TB-2022-10-21

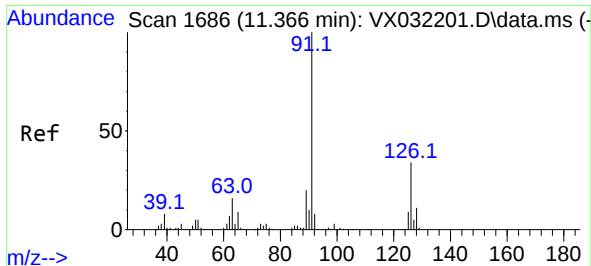
Tgt Ion: 75 Resp: 48756
Ion Ratio Lower Upper
75 100
77 0.9 16.0 47.9#



#78
n-propylbenzene
Concen: 0.571 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX032347.D
Acq: 24 Oct 2022 17:53

Tgt Ion: 91 Resp: 4200
Ion Ratio Lower Upper
91 100
120 25.0 11.6 34.8

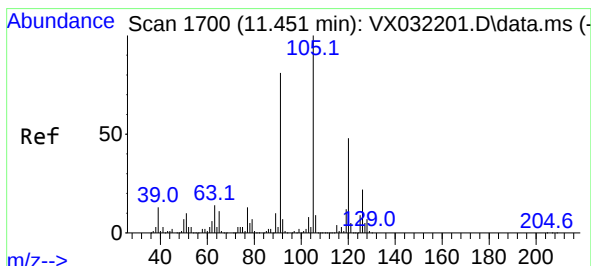
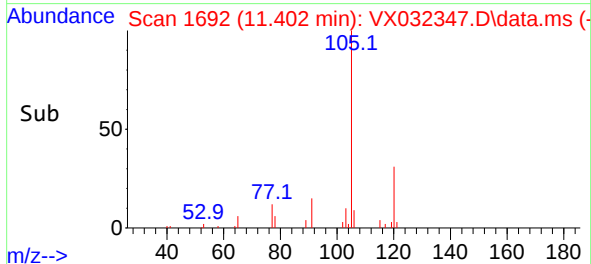
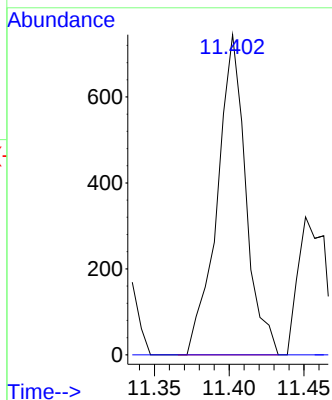
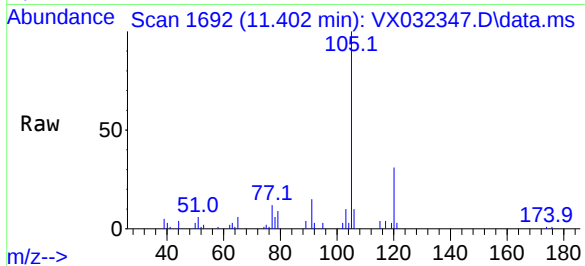




#79
2-Chlorotoluene
Concen: 0.224 ug/l
RT: 11.402 min Scan# 11
Delta R.T. 0.036 min
Lab File: VX032347.D
Acq: 24 Oct 2022 17:53

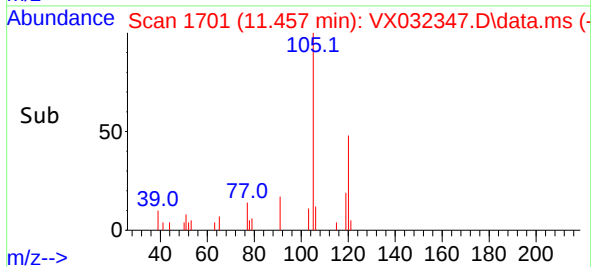
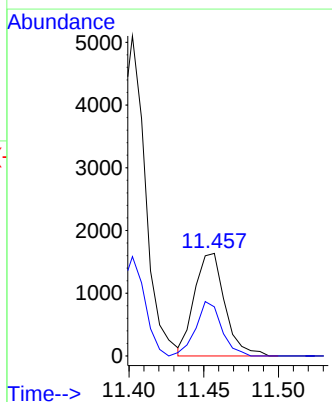
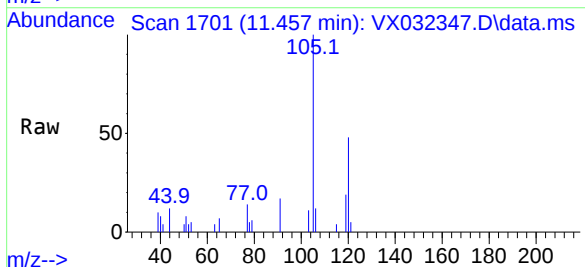
Instrument :
MSVOA_X
ClientSampleId :
TB-2022-10-21

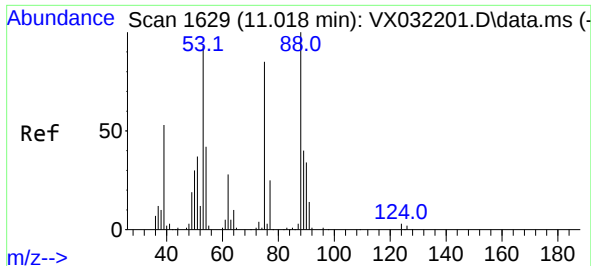
Tgt Ion: 91 Resp: 992
Ion Ratio Lower Upper
91 100
126 0.0 17.3 51.9#



#80
1,3,5-Trimethylbenzene
Concen: 0.419 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX032347.D
Acq: 24 Oct 2022 17:53

Tgt Ion: 105 Resp: 2321
Ion Ratio Lower Upper
105 100
120 45.2 23.5 70.6

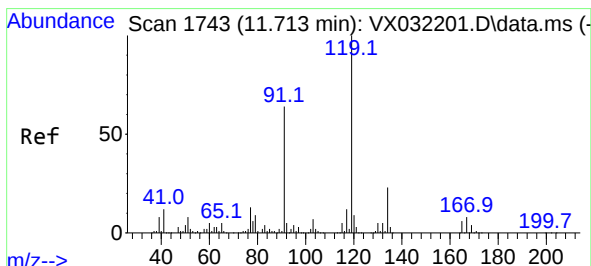
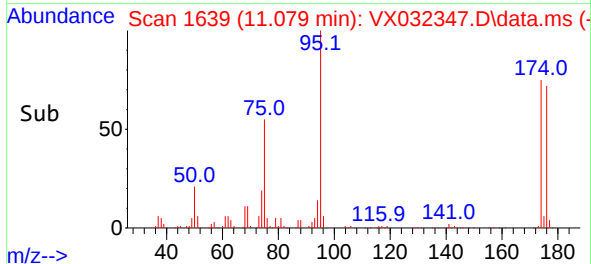
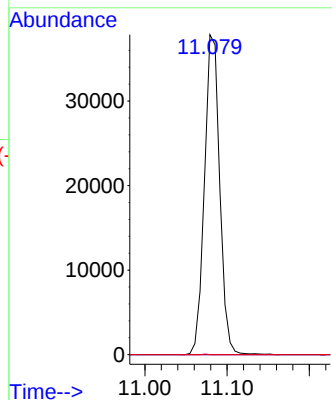
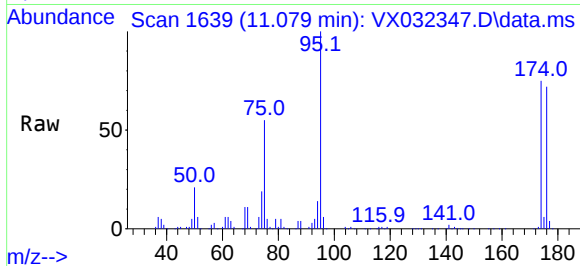




#81
trans-1,4-Dichloro-2-butene
Concen: 83.932 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032347.D
Acq: 24 Oct 2022 17:53

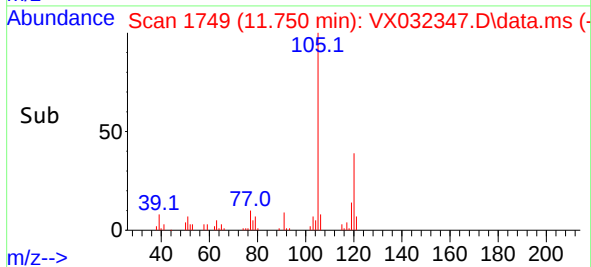
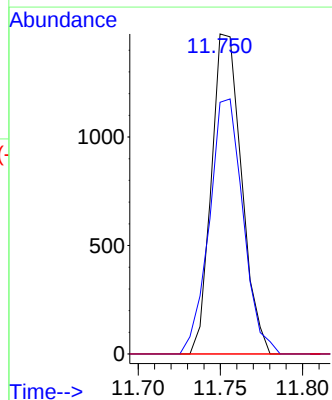
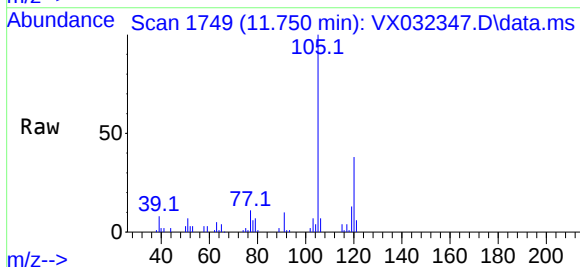
Instrument :
MSVOA_X
ClientSampleId :
TB-2022-10-21

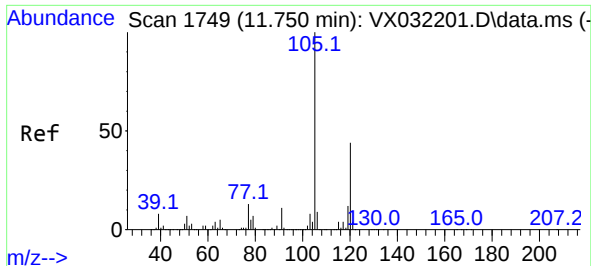
Tgt Ion: 75 Resp: 48756
Ion Ratio Lower Upper
75 100
53 0.0 87.8 131.8#
89 0.1 37.8 56.8#



#83
tert-Butylbenzene
Concen: 0.339 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.037 min
Lab File: VX032347.D
Acq: 24 Oct 2022 17:53

Tgt Ion: 119 Resp: 1882
Ion Ratio Lower Upper
119 100
91 89.1 29.1 87.3#
134 0.0 11.3 33.8#

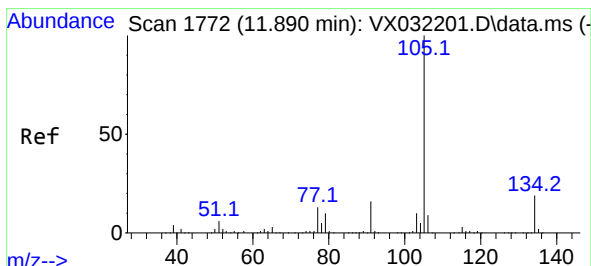
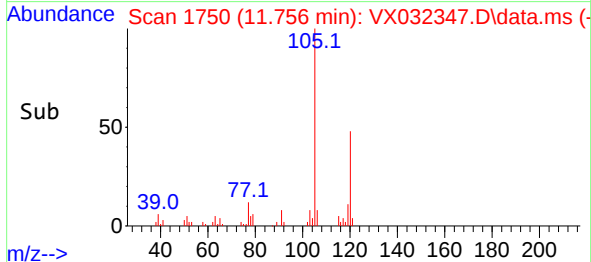
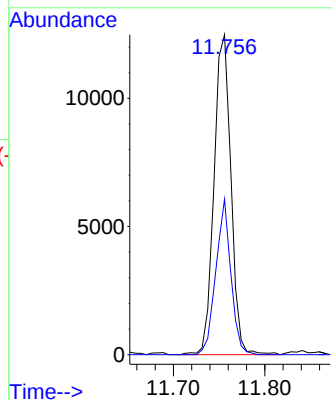
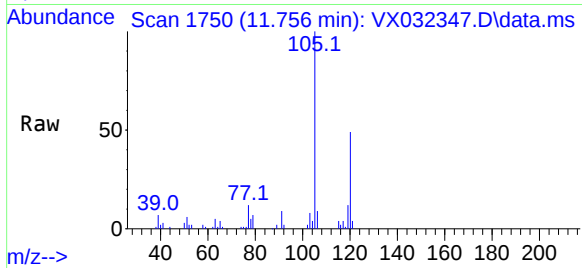




#84
1,2,4-Trimethylbenzene
Concen: 2.979 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VX032347.D
Acq: 24 Oct 2022 17:53

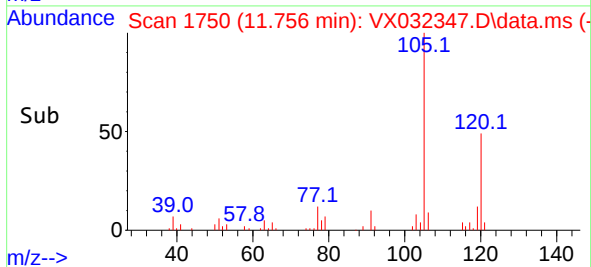
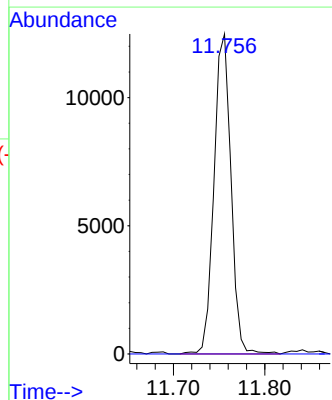
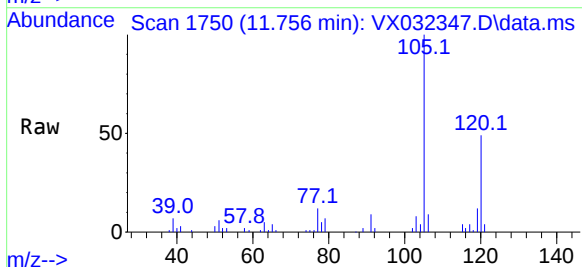
Instrument :
MSVOA_X
ClientSampleId :
TB-2022-10-21

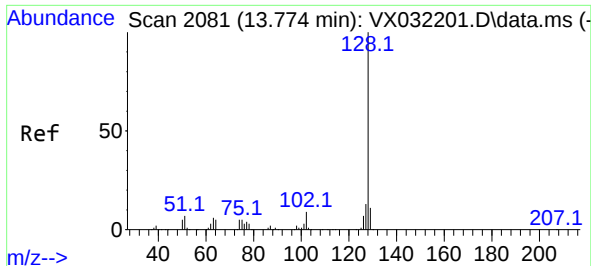
Tgt Ion:105 Resp: 16062
Ion Ratio Lower Upper
105 100
120 43.2 22.1 66.1



#85
sec-Butylbenzene
Concen: 2.395 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.134 min
Lab File: VX032347.D
Acq: 24 Oct 2022 17:53

Tgt Ion:105 Resp: 16062
Ion Ratio Lower Upper
105 100
134 0.0 10.1 30.3#





#95

Naphthalene

Concen: 1.074 ug/l

RT: 13.774 min Scan# 20

Delta R.T. -0.000 min

Lab File: VX032347.D

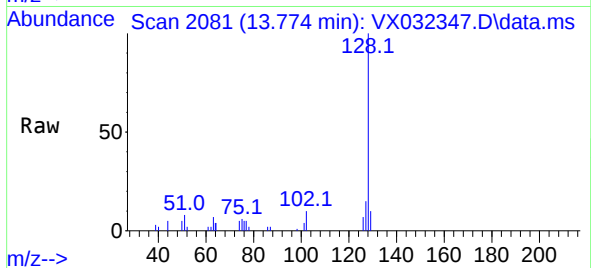
Acq: 24 Oct 2022 17:53

Instrument :

MSVOA_X

ClientSampleId :

TB-2022-10-21



Tgt Ion:128 Resp: 6657

Ion Ratio Lower Upper

128 100

127 14.7 10.3 15.5

129 10.1 8.7 13.1

