

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030422\
 Data File : VX027300.D
 Acq On : 04 Mar 2022 14:44
 Operator : JC/MD
 Sample : N1760-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-1-030222

Quant Time: Mar 05 00:44:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022322W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 23 13:06:57 2022
 Response via : Initial Calibration

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

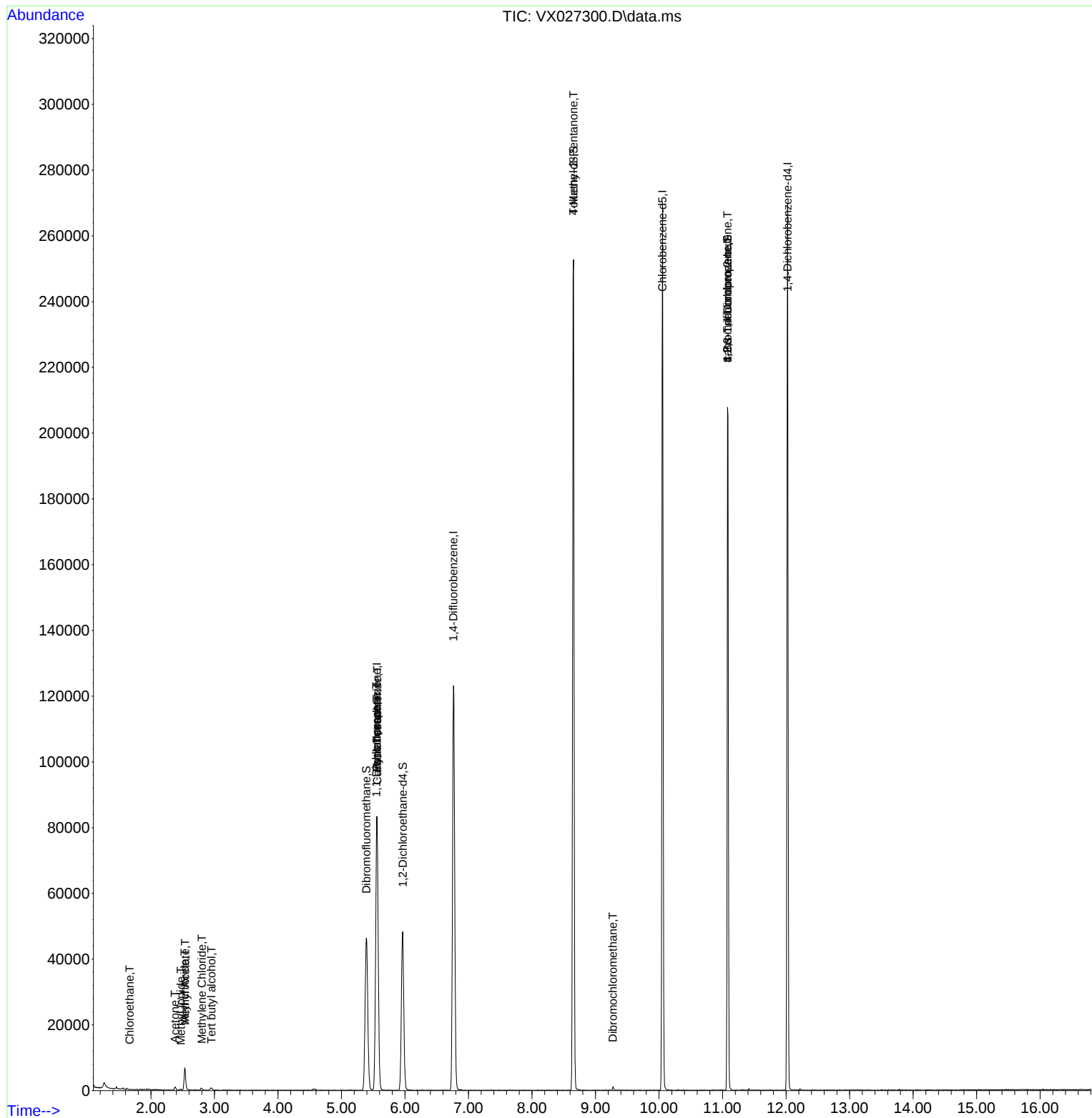
Internal Standards						
1) Pentafluorobenzene	5.556	168	80275	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	131386	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	121634	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	57449	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	47905	49.688	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	99.380%		
35) Dibromofluoromethane	5.391	113	41282	50.620	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.240%		
50) Toluene-d8	8.653	98	151881	49.807	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.620%		
62) 4-Bromofluorobenzene	11.079	95	57092	48.775	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.560%		
Target Compounds						Qvalue
5) Bromomethane	1.618	94	137	Below Cal		88
6) Chloroethane	1.666	64	107	0.235 ug/l #		43
10) Methyl Iodide	2.471	142	233	0.216 ug/l #		65
11) Tert butyl alcohol	2.953	59	463	2.468 ug/l #		75
14) Allyl chloride	2.532	41	650	0.472 ug/l #		86
16) Acetone	2.380	43	989	2.336 ug/l #		68
18) Methyl Acetate	2.538	43	1785	1.634 ug/l #		53
20) Methylene Chloride	2.800	84	313	0.357 ug/l #		86
31) Cyclohexane	5.556	56	1432	0.992 ug/l #		1
36) 1,1-Dichloropropene	5.550	75	5733	4.817 ug/l #		50
38) Carbon Tetrachloride	5.562	117	7804	6.287 ug/l #		17
51) 4-Methyl-2-Pentanone	8.653	43	585	0.448 ug/l #		1
60) Dibromochloromethane	9.275	129	223	0.244 ug/l #		11
76) 1,2,3-Trichloropropane	11.079	75	28054	24.244 ug/l #		40
81) trans-1,4-Dichloro-2-b...	11.079	75	28054	68.814 ug/l #		3

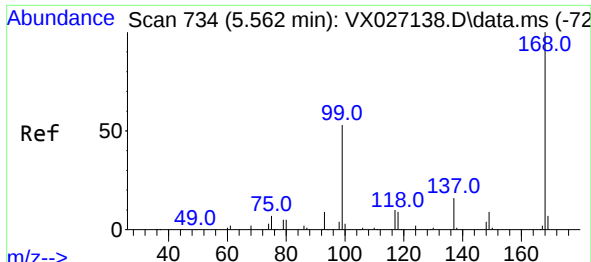
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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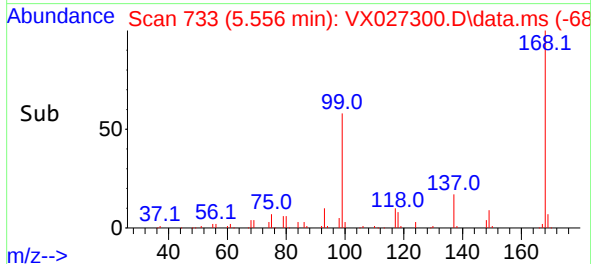
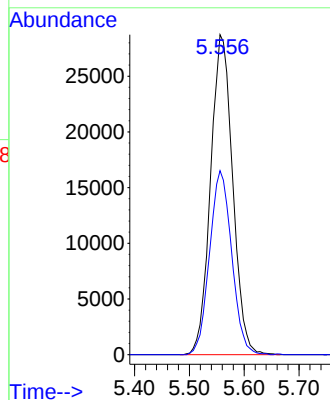
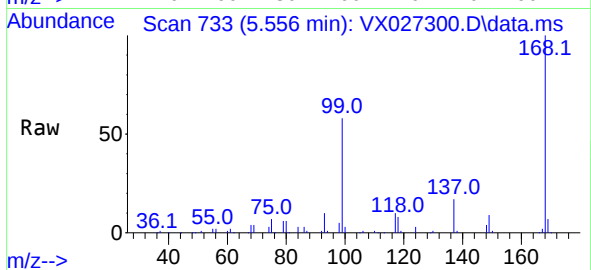




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX027300.D
Acq: 04 Mar 2022 14:44

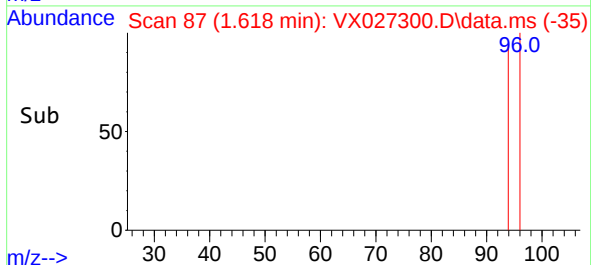
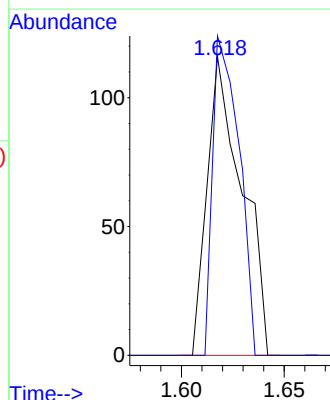
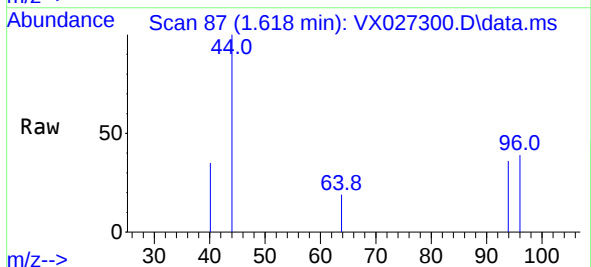
Instrument :
MSVOA_X
ClientSampleId :
TB-1-030222

Tgt Ion:168 Resp: 80275
Ion Ratio Lower Upper
168 100
99 57.5 50.3 75.5

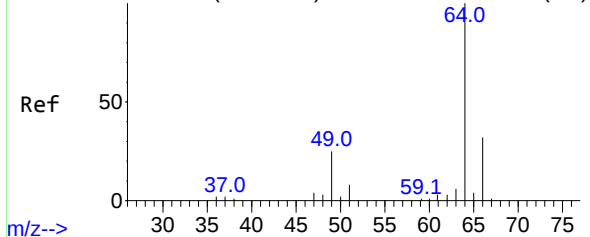


#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX027300.D
Acq: 04 Mar 2022 14:44

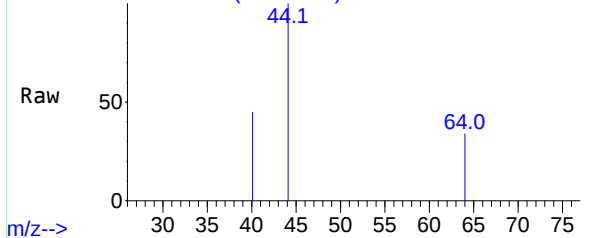
Tgt Ion: 94 Resp: 137
Ion Ratio Lower Upper
94 100
96 106.9 75.9 113.9



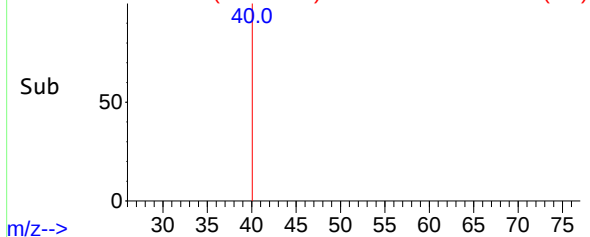
Abundance Scan 97 (1.678 min): VX027138.D\data.ms (-91)



Abundance Scan 95 (1.666 min): VX027300.D\data.ms



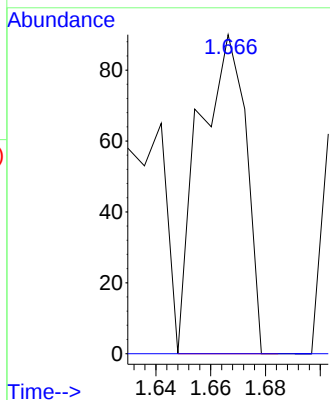
Abundance Scan 95 (1.666 min): VX027300.D\data.ms (-48)



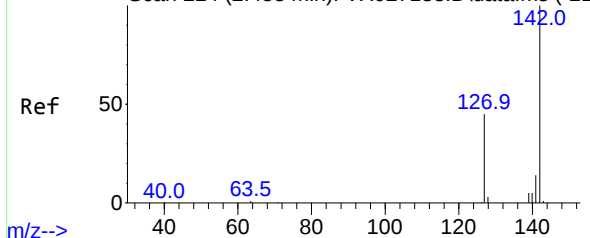
#6
Chloroethane
Concen: 0.235 ug/l
RT: 1.666 min Scan# 91
Delta R.T. -0.012 min
Lab File: VX027300.D
Acq: 04 Mar 2022 14:44

Instrument :
MSVOA_X
ClientSampleId :
TB-1-030222

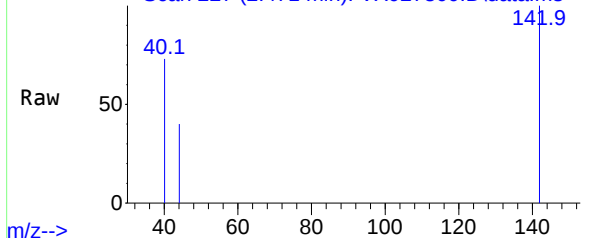
Tgt Ion: 64 Resp: 107
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.2#



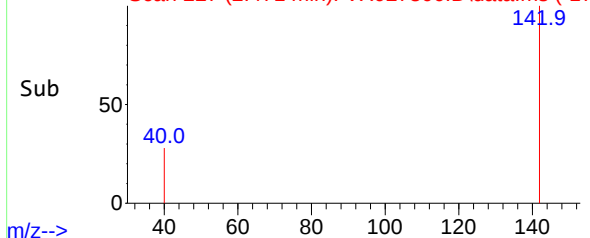
Abundance Scan 224 (2.453 min): VX027138.D\data.ms (-21)



Abundance Scan 227 (2.471 min): VX027300.D\data.ms

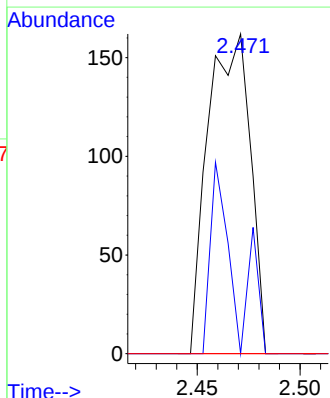


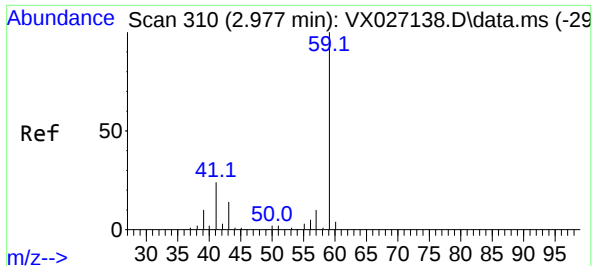
Abundance Scan 227 (2.471 min): VX027300.D\data.ms (-17)



#10
Methyl Iodide
Concen: 0.216 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.018 min
Lab File: VX027300.D
Acq: 04 Mar 2022 14:44

Tgt Ion: 142 Resp: 233
Ion Ratio Lower Upper
142 100
127 24.0 38.1 57.1#
141 0.0 11.2 16.8#





#11

Tert butyl alcohol

Concen: 2.468 ug/l

RT: 2.953 min Scan# 30

Delta R.T. -0.024 min

Lab File: VX027300.D

Acq: 04 Mar 2022 14:44

Instrument :

MSVOA_X

ClientSampleId :

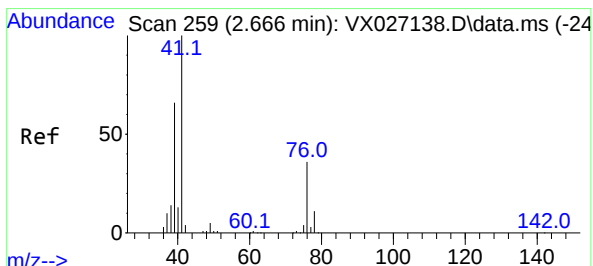
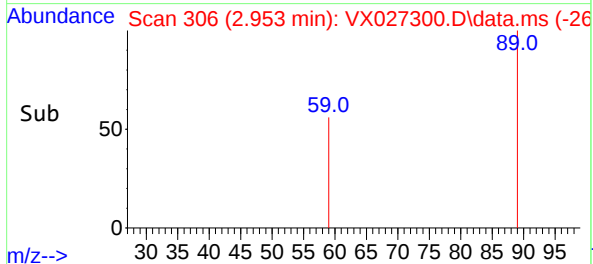
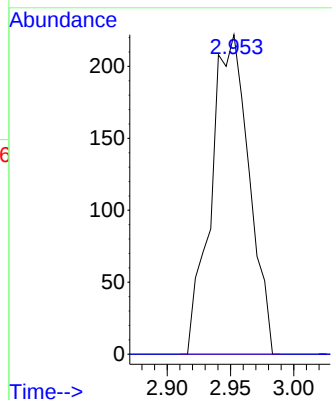
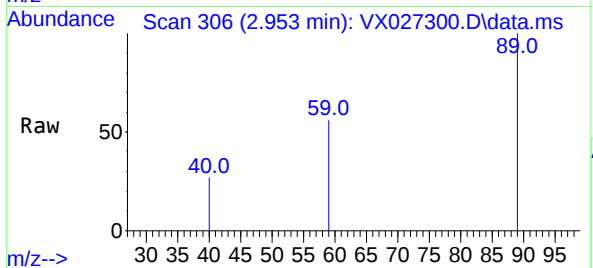
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Tgt Ion: 59 Resp: 463

Ion Ratio Lower Upper

59 100

57 0.0 7.2 10.8#



#14

Allyl chloride

Concen: 0.472 ug/l

RT: 2.532 min Scan# 237

Delta R.T. -0.134 min

Lab File: VX027300.D

Acq: 04 Mar 2022 14:44

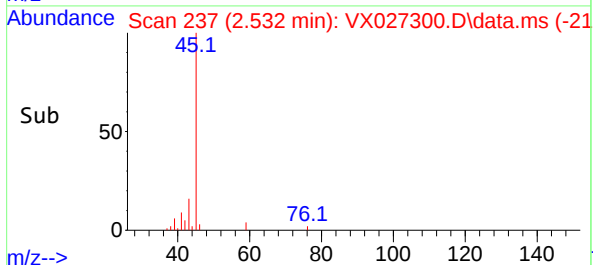
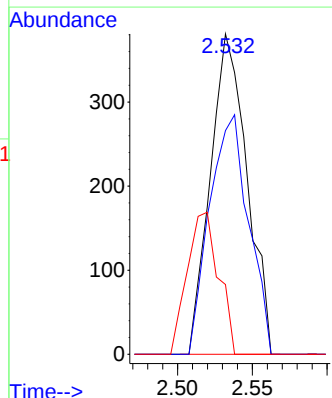
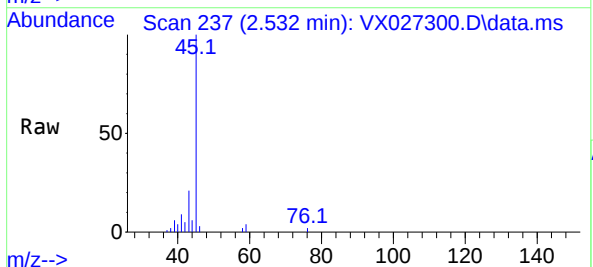
Tgt Ion: 41 Resp: 650

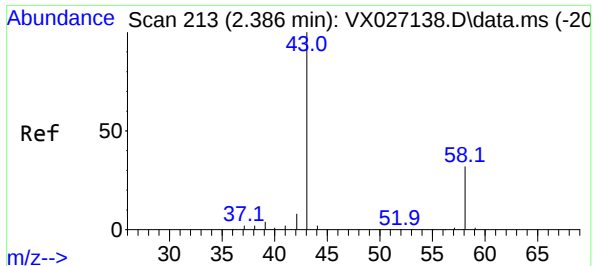
Ion Ratio Lower Upper

41 100

39 79.5 54.2 81.4

76 38.0 25.2 37.8#

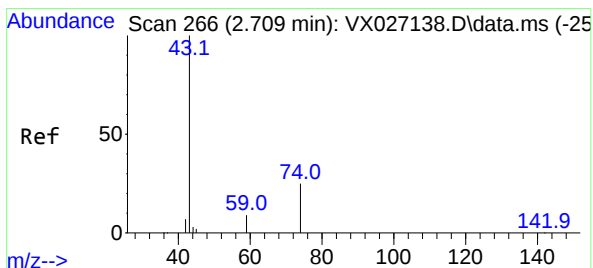
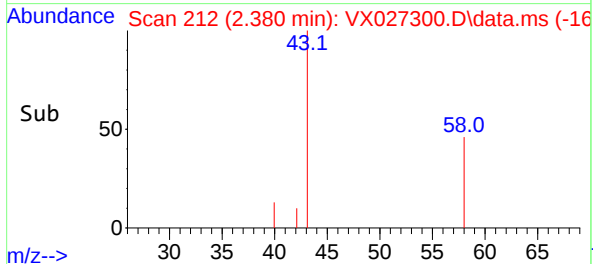
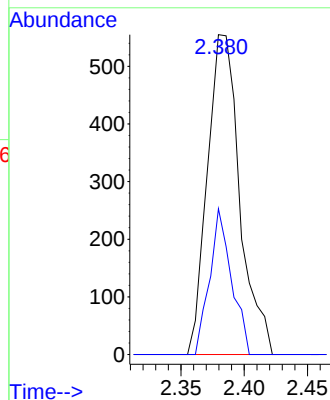
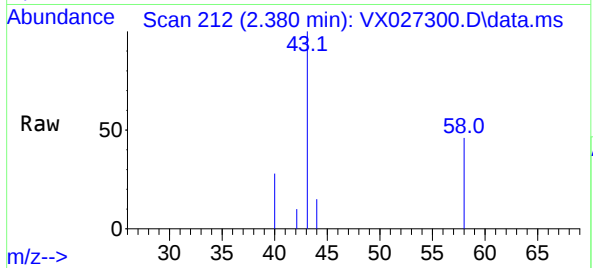




#16
Acetone
Concen: 2.336 ug/l
RT: 2.380 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX027300.D
Acq: 04 Mar 2022 14:44

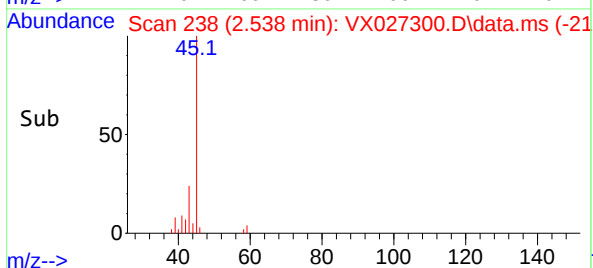
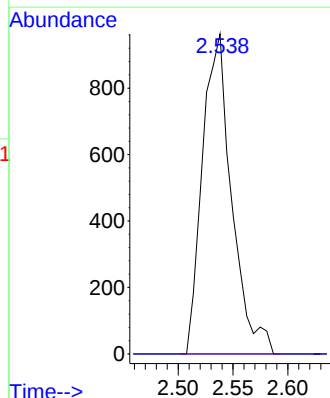
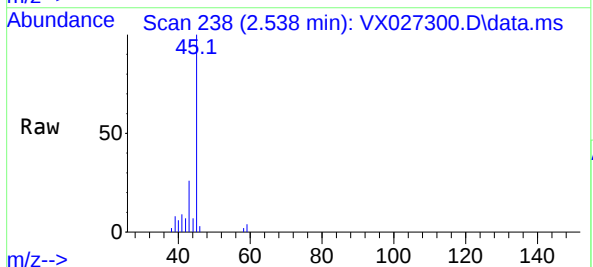
Instrument :
MSVOA_X
ClientSampleId :
TB-1-030222

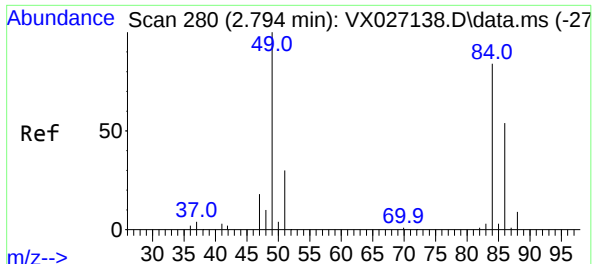
Tgt Ion: 43 Resp: 989
Ion Ratio Lower Upper
43 100
58 45.6 23.0 34.6#



#18
Methyl Acetate
Concen: 1.634 ug/l
RT: 2.538 min Scan# 238
Delta R.T. -0.171 min
Lab File: VX027300.D
Acq: 04 Mar 2022 14:44

Tgt Ion: 43 Resp: 1785
Ion Ratio Lower Upper
43 100
74 0.0 18.3 27.5#





#20

Methylene Chloride

Concen: 0.357 ug/l

RT: 2.800 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX027300.D

Acq: 04 Mar 2022 14:44

Instrument :

MSVOA_X

ClientSampleId :

TB-1-030222

Tgt Ion: 84 Resp: 313

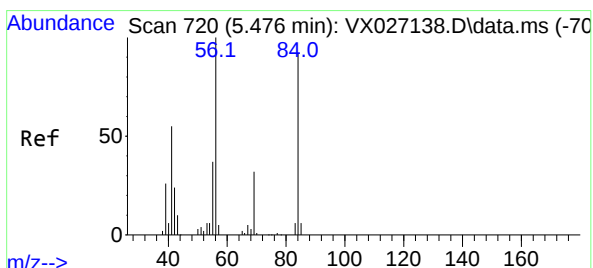
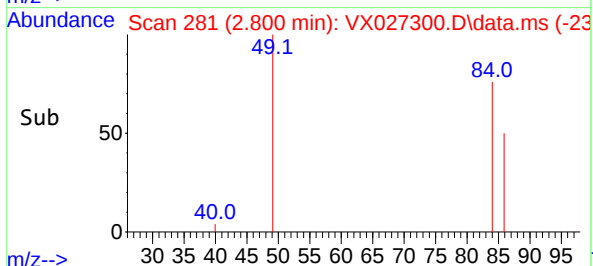
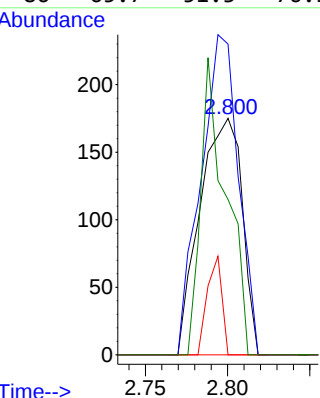
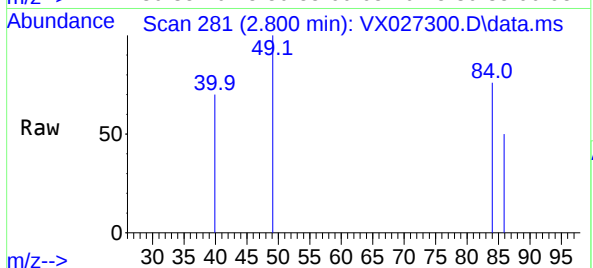
Ion Ratio Lower Upper

84 100

49 131.4 101.5 152.3

51 0.0 31.2 46.8#

86 65.7 51.3 76.9



#31

Cyclohexane

Concen: 0.992 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.080 min

Lab File: VX027300.D

Acq: 04 Mar 2022 14:44

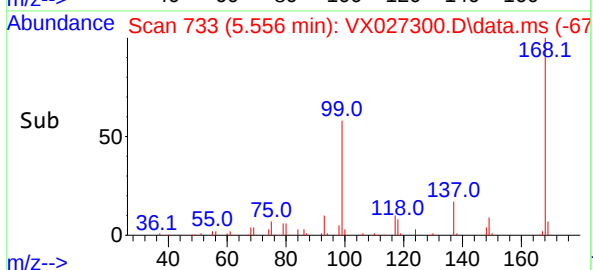
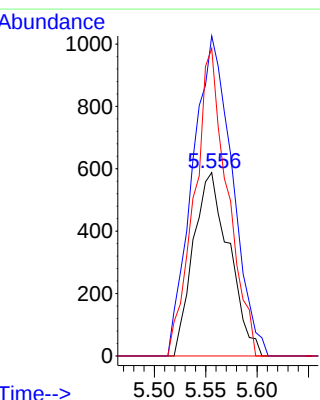
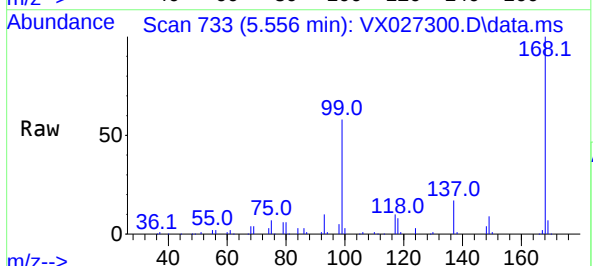
Tgt Ion: 56 Resp: 1432

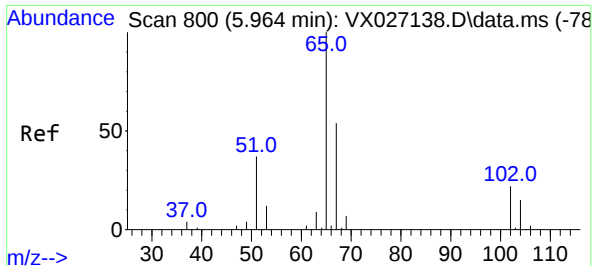
Ion Ratio Lower Upper

56 100

69 174.5 25.8 38.6#

84 167.7 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 49.688 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX027300.D

Acq: 04 Mar 2022 14:44

Instrument :

MSVOA_X

ClientSampleId :

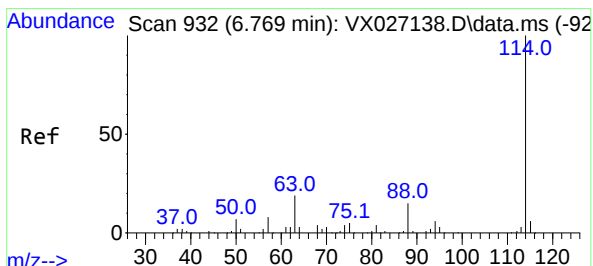
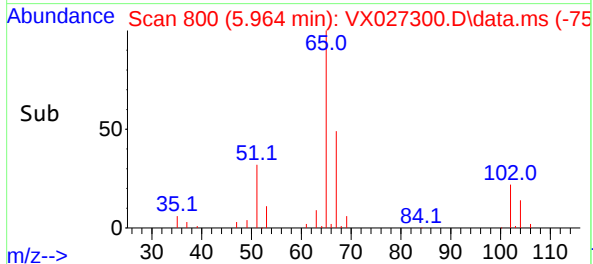
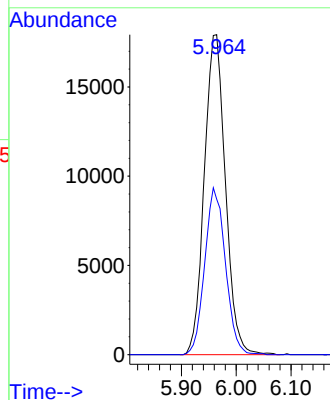
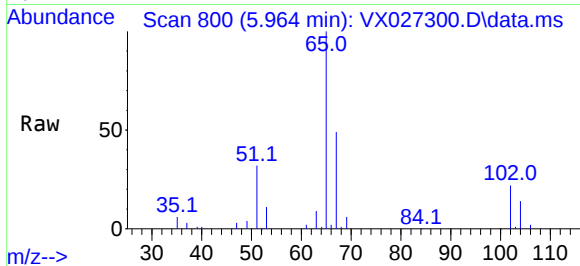
TB-1-030222

Tgt Ion: 65 Resp: 47905

Ion Ratio Lower Upper

65 100

67 51.2 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX027300.D

Acq: 04 Mar 2022 14:44

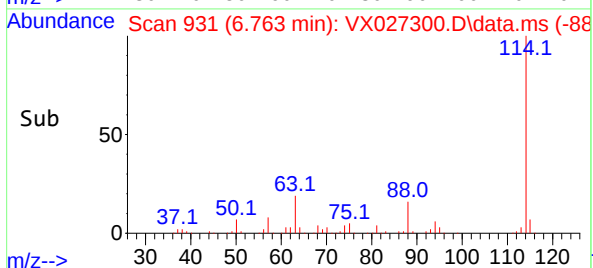
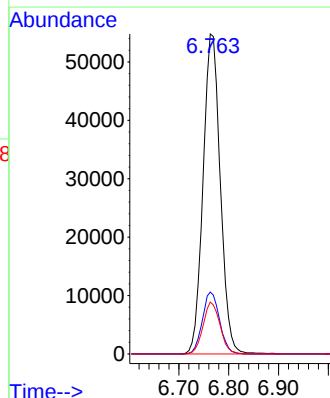
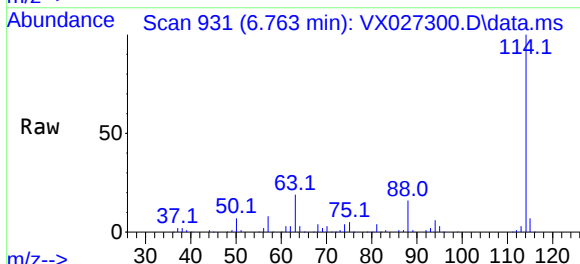
Tgt Ion: 114 Resp: 131386

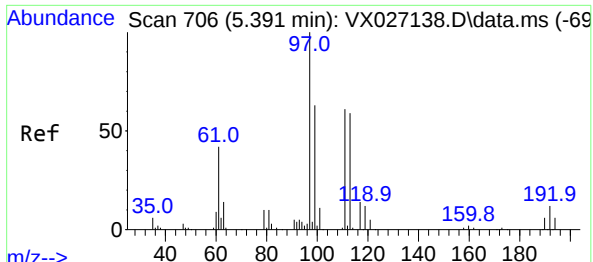
Ion Ratio Lower Upper

114 100

63 19.3 0.0 42.8

88 16.2 0.0 33.0

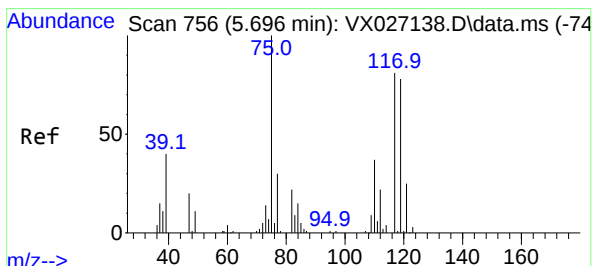
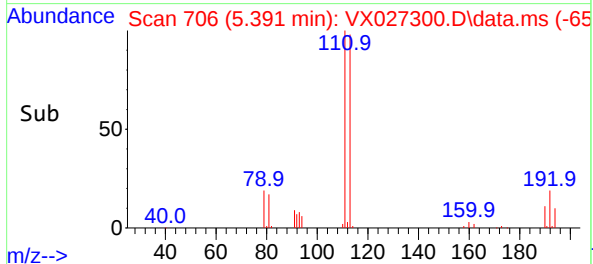
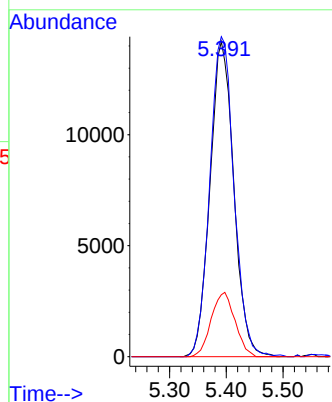
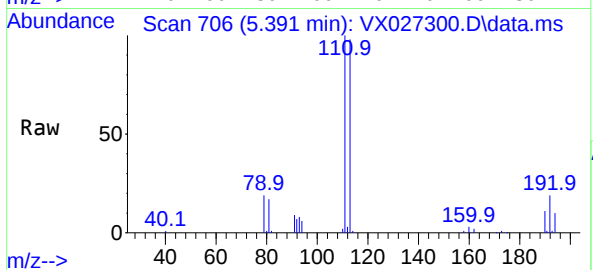




#35
Dibromofluoromethane
Concen: 50.620 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027300.D
Acq: 04 Mar 2022 14:44

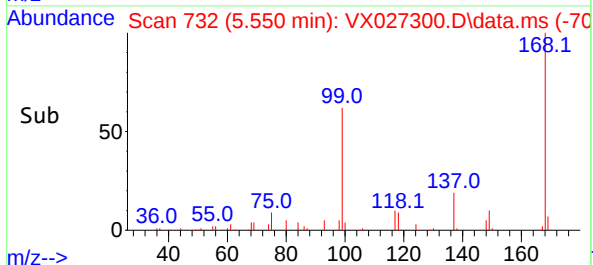
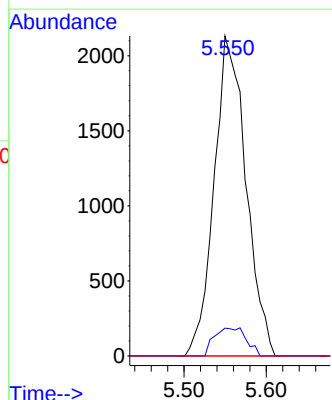
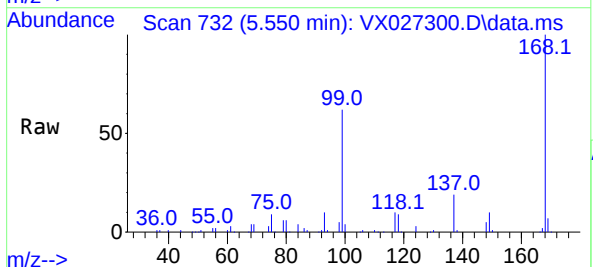
Instrument :
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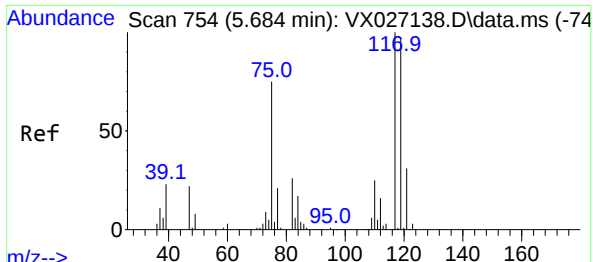
Tgt Ion:113 Resp: 41282
Ion Ratio Lower Upper
113 100
111 103.1 81.2 121.8
192 20.4 15.0 22.4



#36
1,1-Dichloropropene
Concen: 4.817 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX027300.D
Acq: 04 Mar 2022 14:44

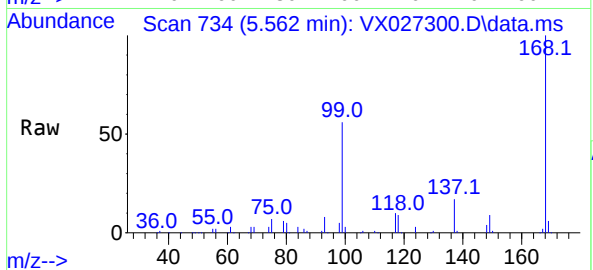
Tgt Ion: 75 Resp: 5733
Ion Ratio Lower Upper
75 100
110 8.8 17.2 51.6#
77 0.0 24.6 36.8#



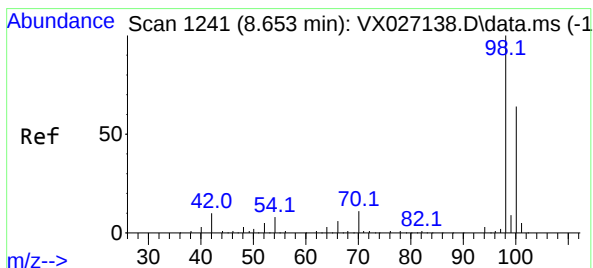
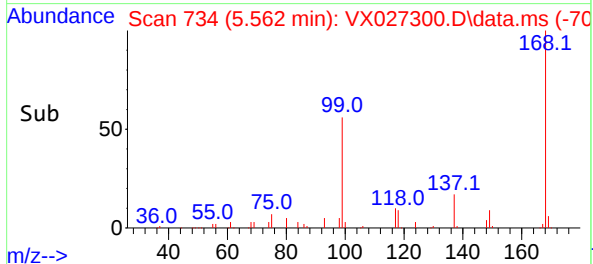
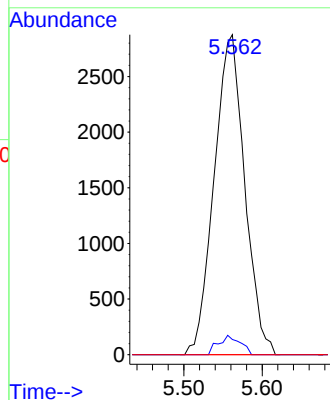


#38
Carbon Tetrachloride
Concen: 6.287 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX027300.D
Acq: 04 Mar 2022 14:44

Instrument :
MSVOA_X
ClientSampleId :
TB-1-030222

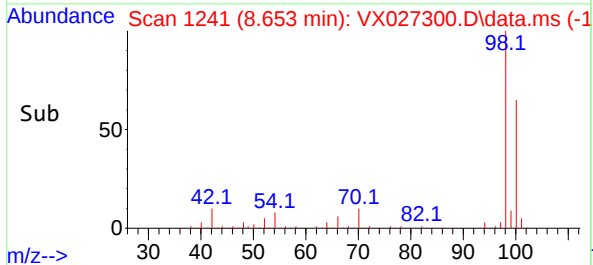
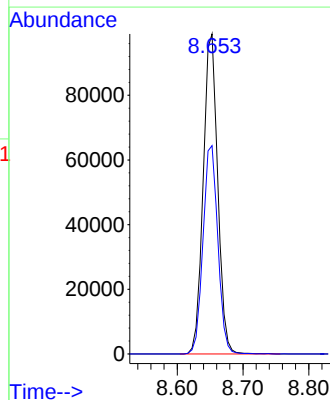
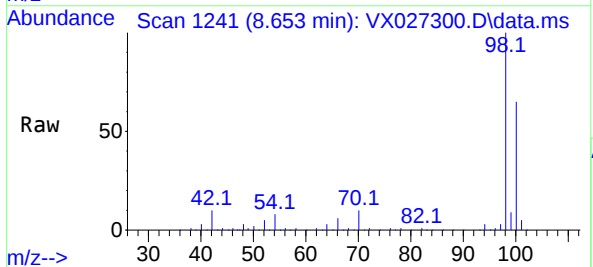


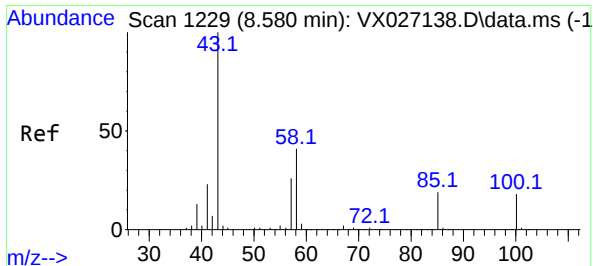
Tgt Ion:117 Resp: 7804
Ion Ratio Lower Upper
117 100
119 4.8 74.7 112.1#
121 0.0 25.4 38.0#



#50
Toluene-d8
Concen: 49.807 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX027300.D
Acq: 04 Mar 2022 14:44

Tgt Ion: 98 Resp: 151881
Ion Ratio Lower Upper
98 100
100 66.6 53.2 79.8





#51

4-Methyl-2-Pentanone

Concen: 0.448 ug/l

RT: 8.653 min Scan# 11

Delta R.T. 0.073 min

Lab File: VX027300.D

Acq: 04 Mar 2022 14:44

Instrument :

MSVOA_X

ClientSampleId :

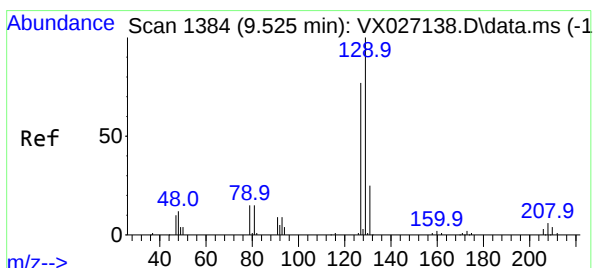
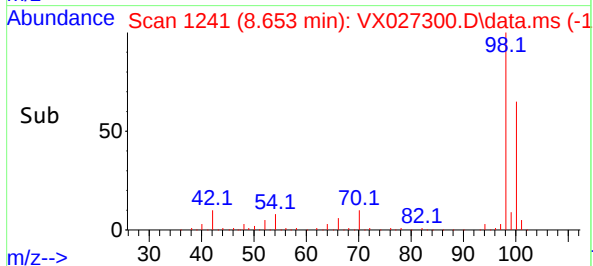
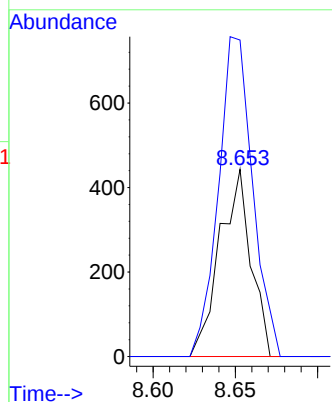
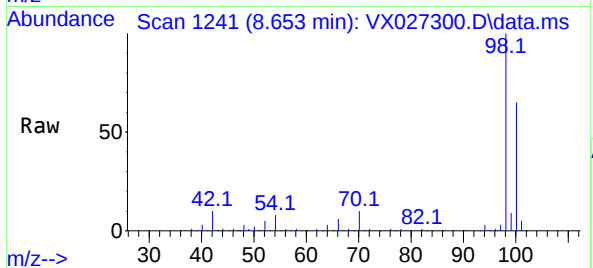
TB-1-030222

Tgt Ion: 43 Resp: 585

Ion Ratio Lower Upper

43 100

58 187.5 30.5 45.7#



#60

Dibromochloromethane

Concen: 0.244 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. -0.250 min

Lab File: VX027300.D

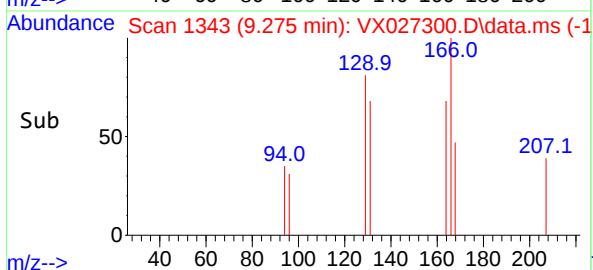
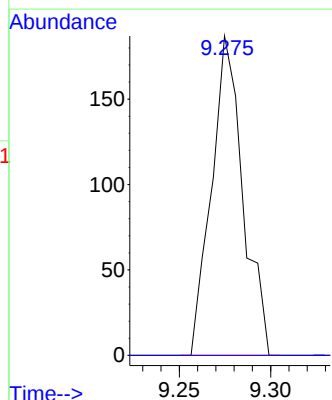
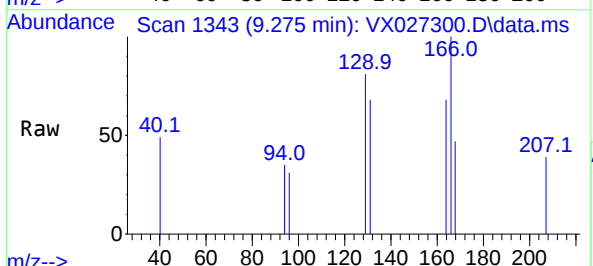
Acq: 04 Mar 2022 14:44

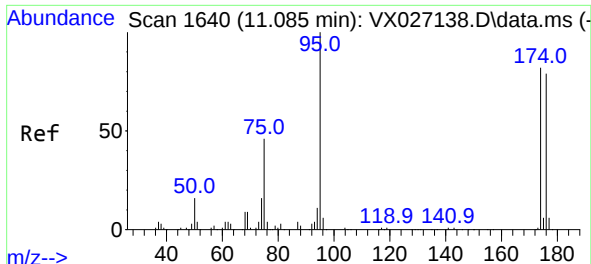
Tgt Ion: 129 Resp: 223

Ion Ratio Lower Upper

129 100

127 0.0 38.5 115.5#

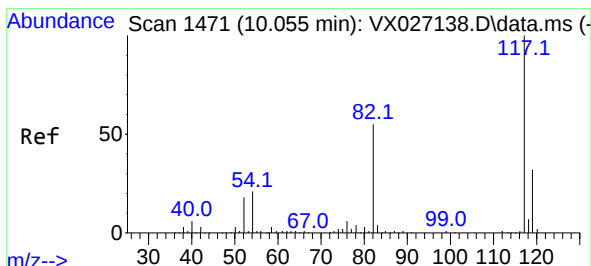
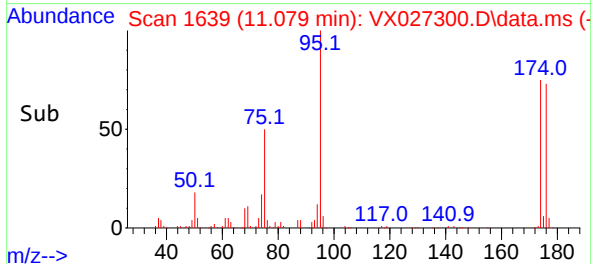
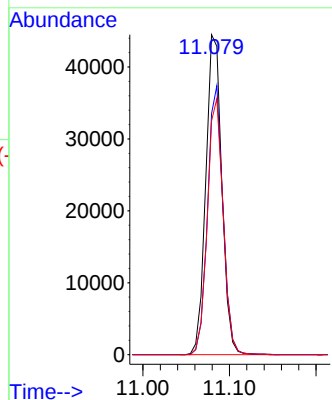
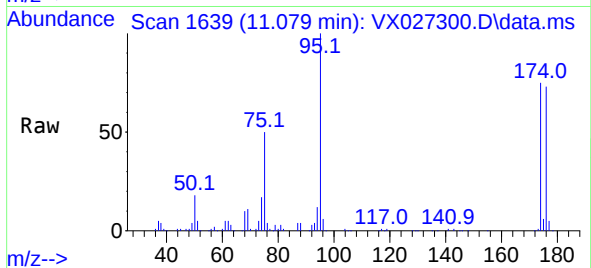




#62
4-Bromofluorobenzene
Concen: 48.775 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX027300.D
Acq: 04 Mar 2022 14:44

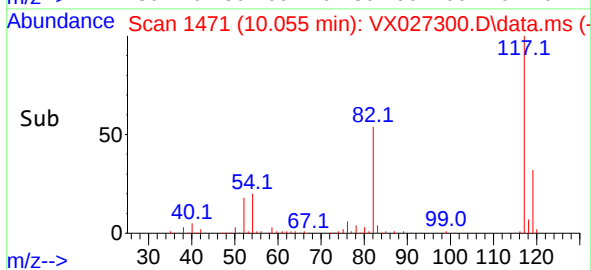
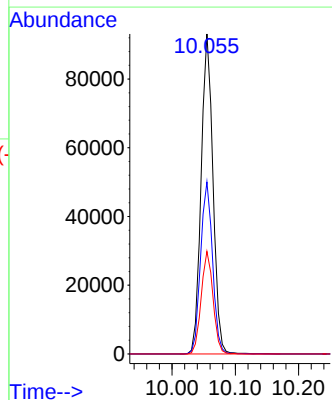
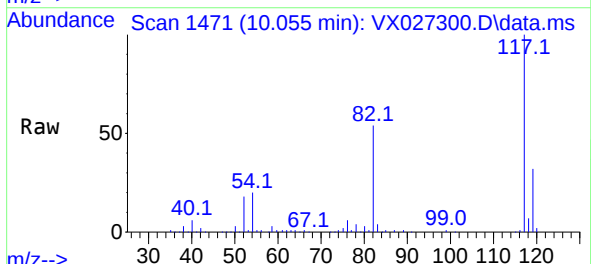
Instrument :
MSVOA_X
ClientSampleId :
TB-1-030222

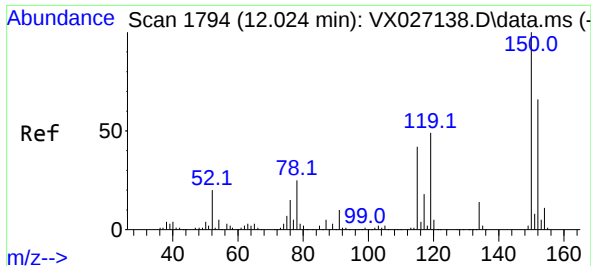
Tgt Ion: 95 Resp: 57092
Ion Ratio Lower Upper
95 100
174 81.1 0.0 148.6
176 78.9 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027300.D
Acq: 04 Mar 2022 14:44

Tgt Ion: 117 Resp: 121634
Ion Ratio Lower Upper
117 100
82 53.8 45.2 67.8
119 32.0 26.2 39.2

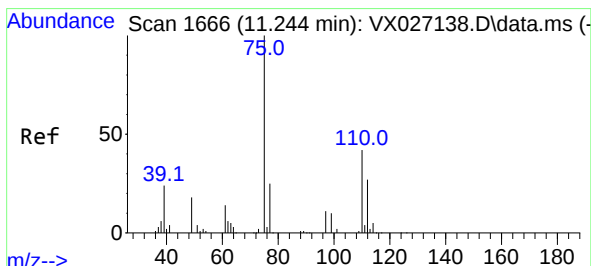
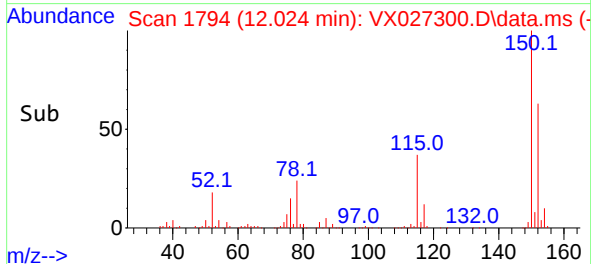
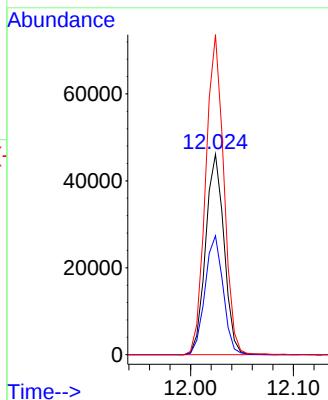
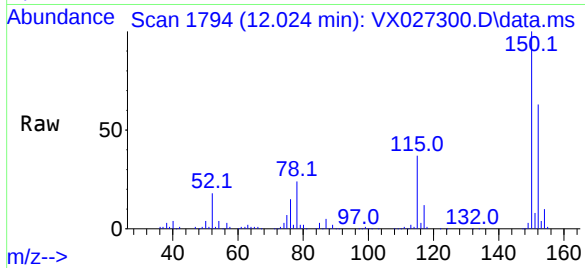




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027300.D
Acq: 04 Mar 2022 14:44

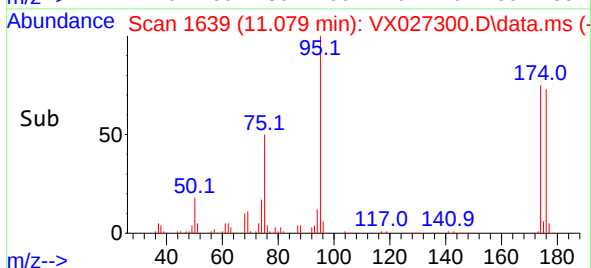
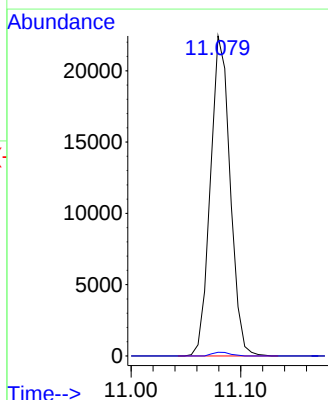
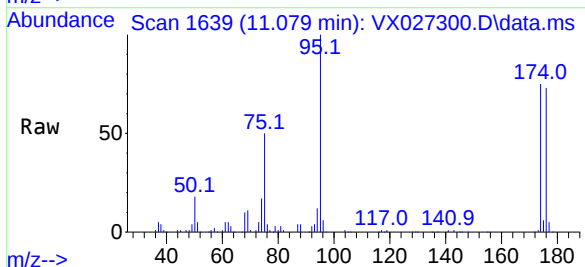
Instrument :
MSVOA_X
ClientSampleId :
TB-1-030222

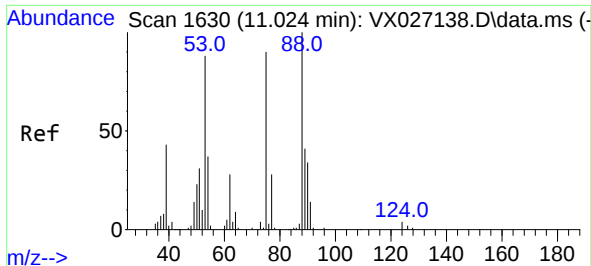
Tgt Ion:152 Resp: 57449
Ion Ratio Lower Upper
152 100
115 58.4 44.2 132.6
150 157.3 0.0 348.2



#76
1,2,3-Trichloropropane
Concen: 24.244 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX027300.D
Acq: 04 Mar 2022 14:44

Tgt Ion: 75 Resp: 28054
Ion Ratio Lower Upper
75 100
77 1.1 18.3 54.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 68.814 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.055 min
 Lab File: VX027300.D
 Acq: 04 Mar 2022 14:44

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-1-030222

Tgt Ion: 75 Resp: 28054
 Ion Ratio Lower Upper
 75 100
 53 0.0 94.0 141.0#
 89 0.0 37.0 55.4#

