

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062922\
 Data File : VX029863.D
 Acq On : 29 Jun 2022 15:43
 Operator : JC/MD
 Sample : N3485-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EB01-20220623

Quant Time: Jun 29 23:00:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 05:54:51 2022
 Response via : Initial Calibration

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

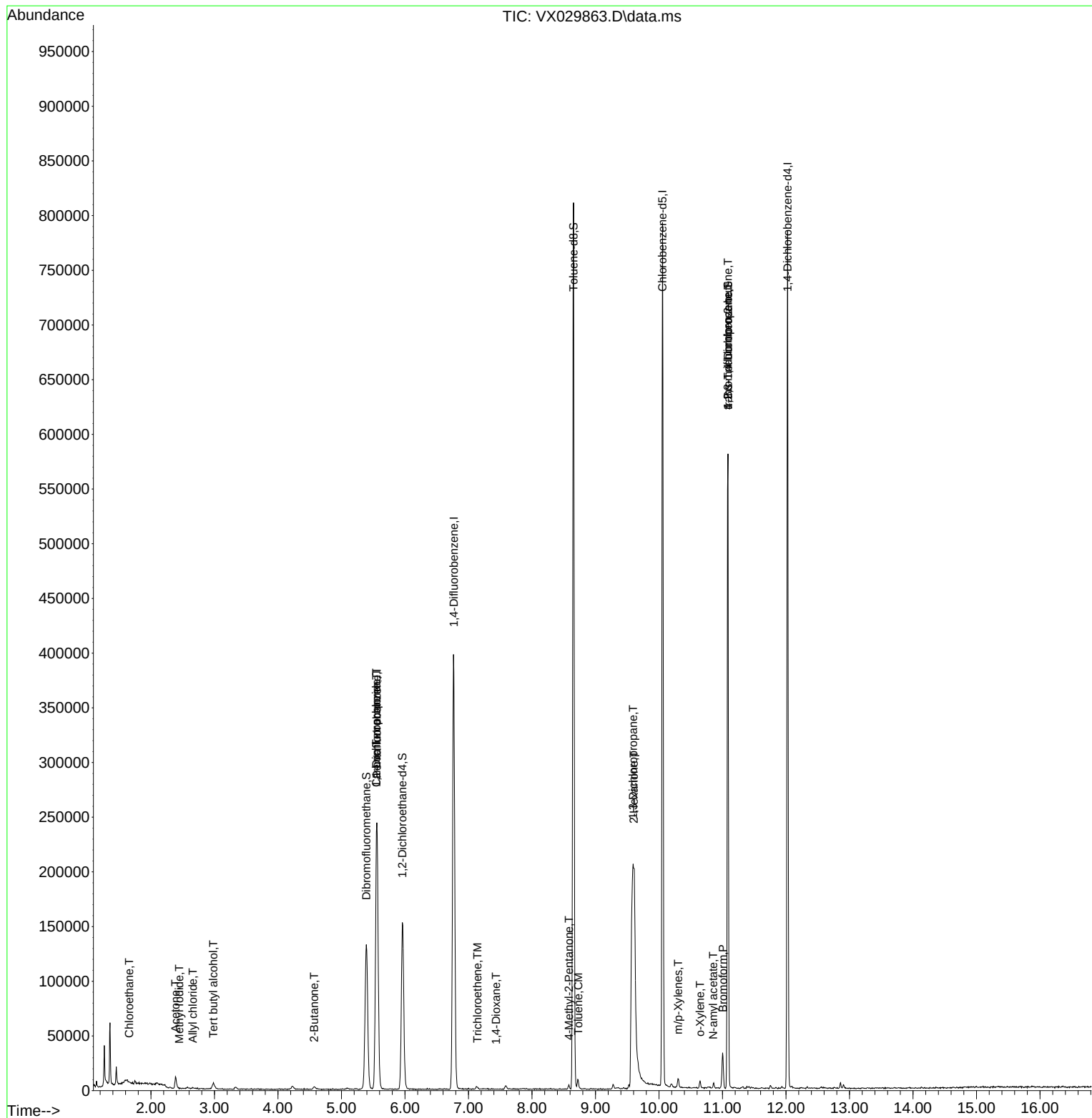
Internal Standards						
1) Pentafluorobenzene	5.556	168	246956	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	424492	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	364744	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	156750	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	135668	43.399	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	86.800%		
35) Dibromofluoromethane	5.391	113	120284	45.341	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.680%		
50) Toluene-d8	8.653	98	477492	47.979	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	95.960%		
62) 4-Bromofluorobenzene	11.086	95	162595	46.219	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.440%		
Target Compounds						
					Qvalue	
6) Chloroethane	1.654	64	158	1.113	ug/l #	41
10) Methyl Iodide	2.447	142	42	1.885	ug/l #	45
11) Tert butyl alcohol	2.983	59	7715	9.437	ug/l #	94
13) Acrolein	2.233	56	135	Below Cal	#	14
14) Allyl chloride	2.660	41	1239	0.264	ug/l #	65
16) Acetone	2.386	43	12108	7.917	ug/l	93
25) 2-Butanone	4.568	43	4399	1.657	ug/l	98
36) 1,1-Dichloropropene	5.550	75	18324	5.193	ug/l #	48
38) Carbon Tetrachloride	5.550	117	23251	7.605	ug/l #	16
44) Trichloroethene	7.141	130	1040	0.338	ug/l	77
49) 1,4-Dioxane	7.434	88	27	0.331	ug/l #	1
51) 4-Methyl-2-Pentanone	8.580	43	2433	0.508	ug/l	97
52) Toluene	8.726	92	3242	0.471	ug/l	98
57) 1,3-Dichloropropane	9.592	76	1416	0.293	ug/l #	42
59) 2-Hexanone	9.604	43	130958	35.217	ug/l #	43
68) m/p-Xylenes	10.299	106	2079	0.426	ug/l	95
69) o-Xylene	10.647	106	1377	0.278	ug/l	99
71) Bromoform	11.006	173	1208	0.692	ug/l #	29
74) N-amyl acetate	10.854	43	1335	0.238	ug/l #	51
76) 1,2,3-Trichloropropane	11.086	75	75582	20.142	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.086	75	75582	63.968	ug/l #	13

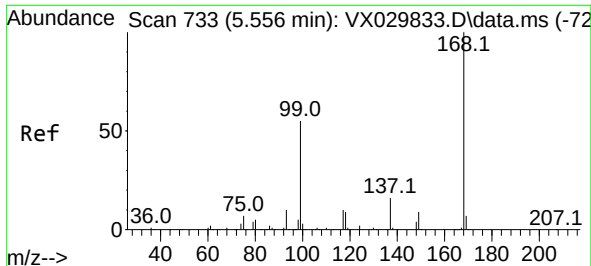
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :
EB01-20220623

Quant Time: Jun 29 23:00:01 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X062822W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 29 05:54:51 2022
Response via : Initial Calibration

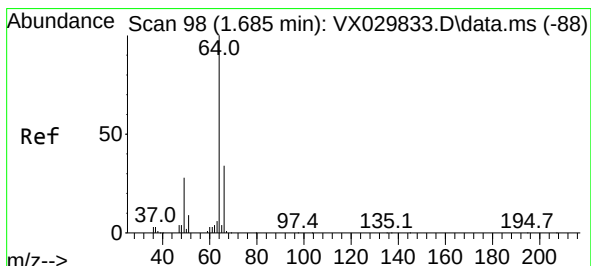
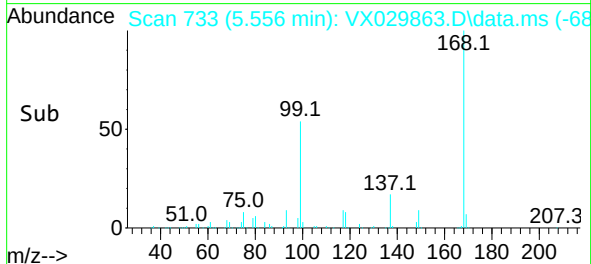
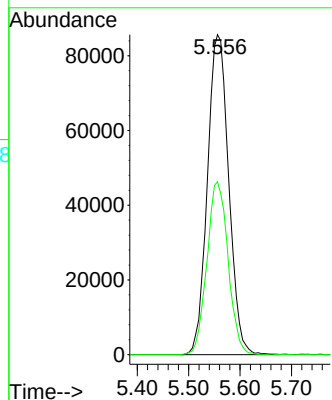
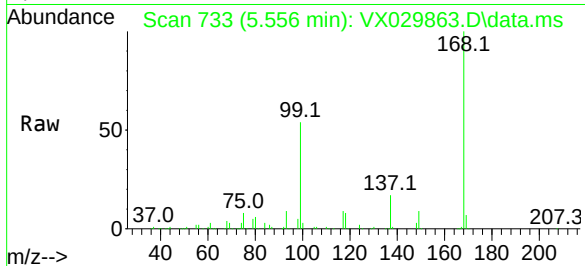




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX029863.D
Acq: 29 Jun 2022 15:43

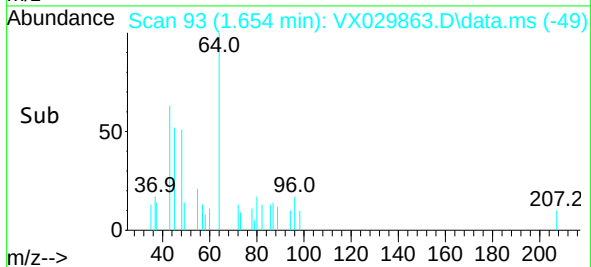
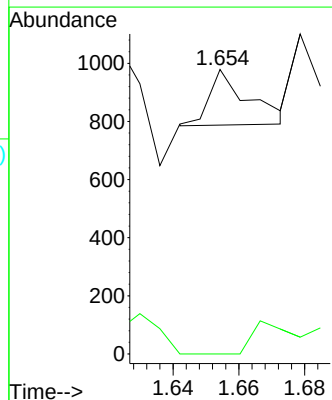
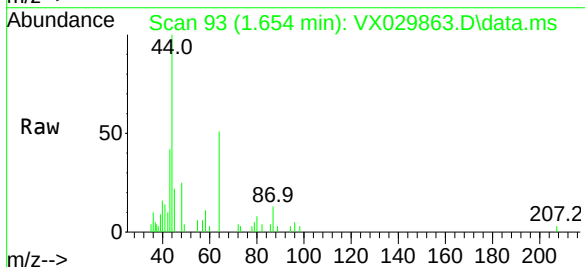
Instrument :
MSVOA_X
ClientSampleId :
EB01-20220623

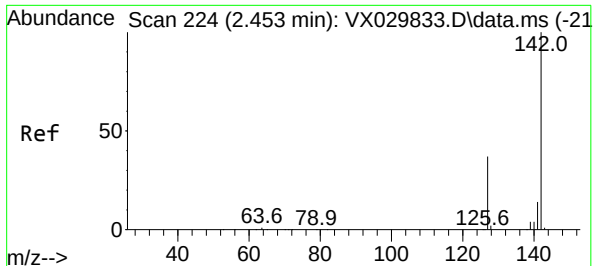
Tgt Ion:168 Resp: 246956
Ion Ratio Lower Upper
168 100
99 54.0 44.0 66.0



#6
Chloroethane
Concen: 1.113 ug/l
RT: 1.654 min Scan# 93
Delta R.T. -0.031 min
Lab File: VX029863.D
Acq: 29 Jun 2022 15:43

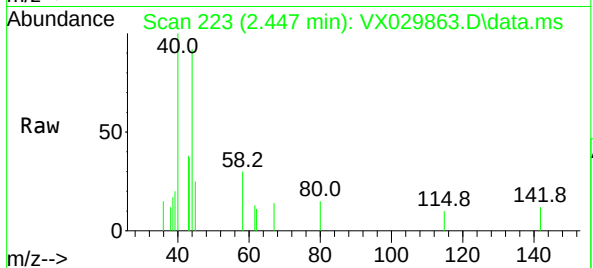
Tgt Ion: 64 Resp: 158
Ion Ratio Lower Upper
64 100
66 0.0 27.2 40.8#



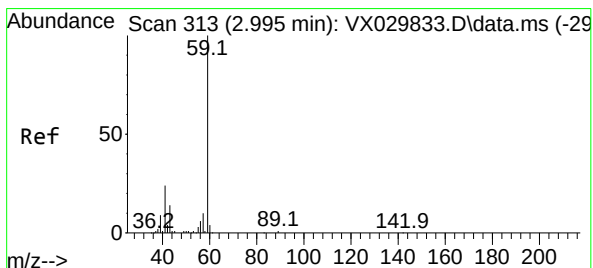
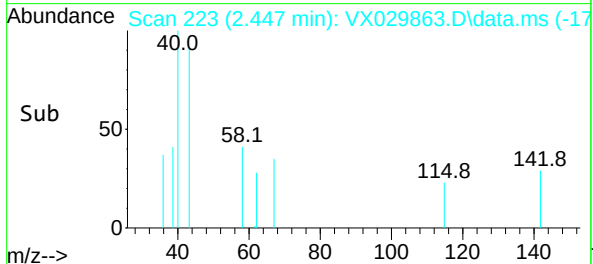
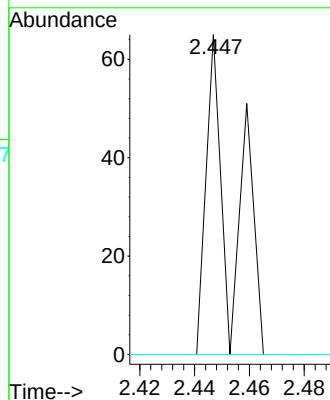


#10
Methyl Iodide
Concen: 1.885 ug/l
RT: 2.447 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX029863.D
Acq: 29 Jun 2022 15:43

Instrument :
MSVOA_X
ClientSampleId :
EB01-20220623

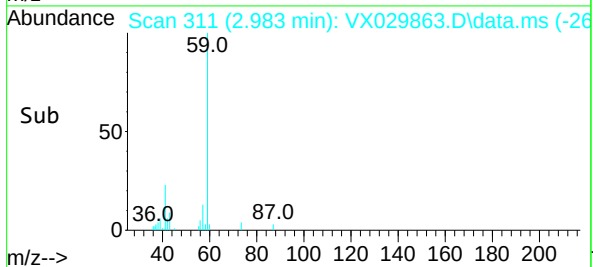
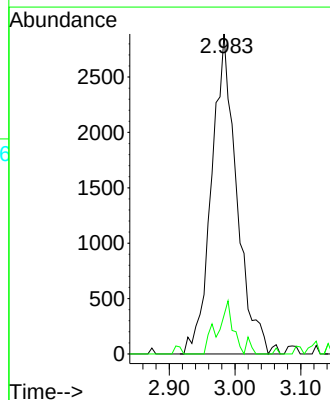
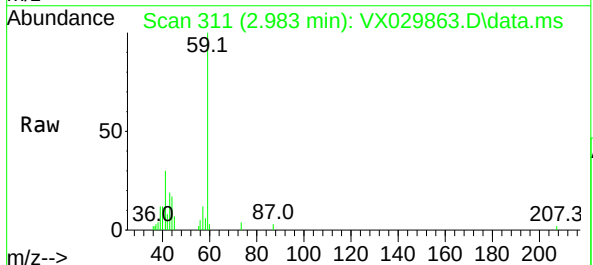


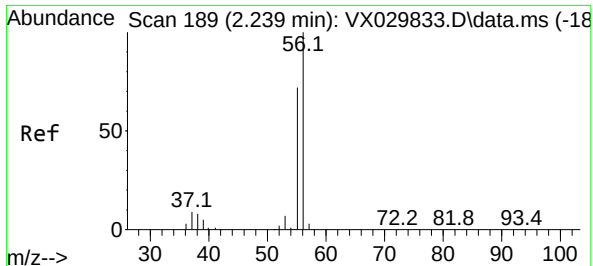
Tgt Ion:142 Resp: 42
Ion Ratio Lower Upper
142 100
127 0.0 30.2 45.2#
141 0.0 11.3 16.9#



#11
Tert butyl alcohol
Concen: 9.437 ug/l
RT: 2.983 min Scan# 311
Delta R.T. -0.012 min
Lab File: VX029863.D
Acq: 29 Jun 2022 15:43

Tgt Ion: 59 Resp: 7715
Ion Ratio Lower Upper
59 100
57 7.2 7.4 11.2#

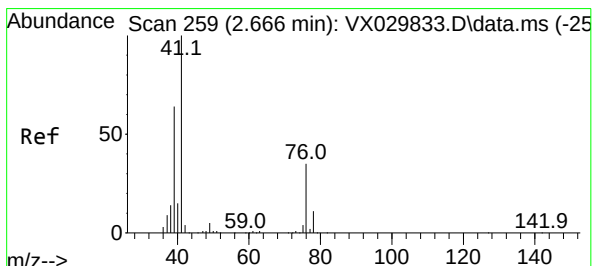
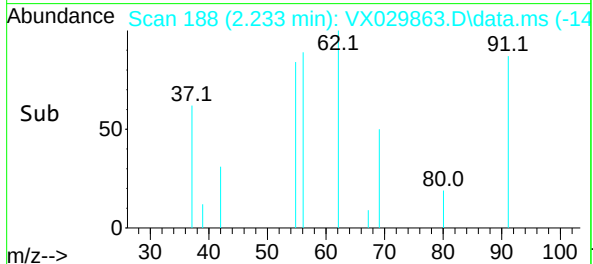
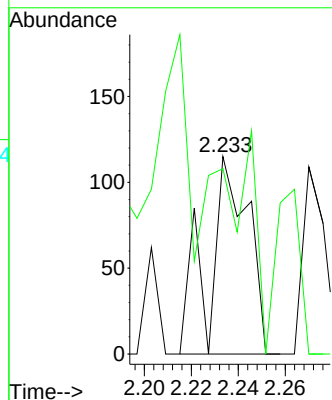
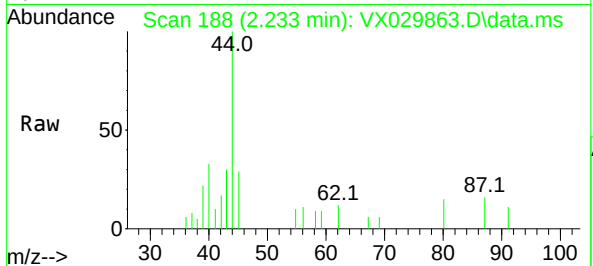




#13
Acrolein
Concen: Below Cal
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX029863.D
Acq: 29 Jun 2022 15:43

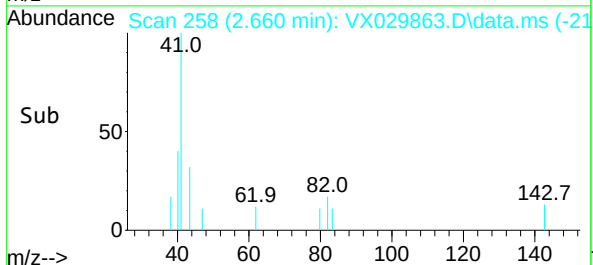
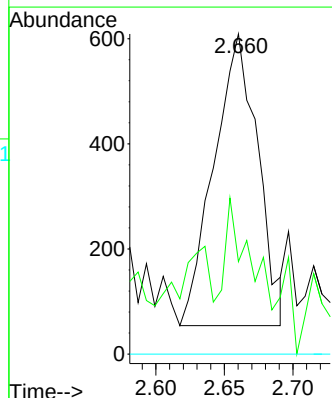
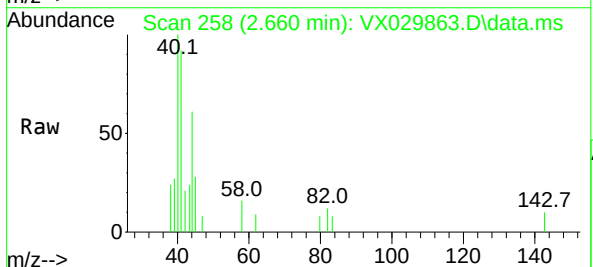
Instrument :
MSVOA_X
ClientSampleId :
EB01-20220623

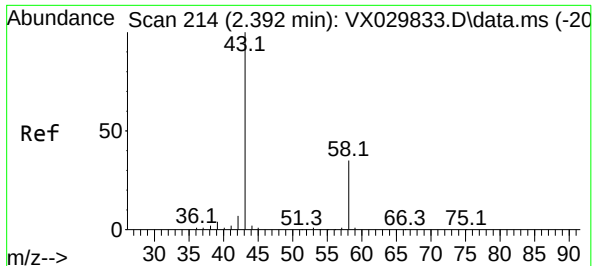
Tgt Ion: 56 Resp: 135
Ion Ratio Lower Upper
56 100
55 0.0 56.6 84.8#



#14
Allyl chloride
Concen: 0.264 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX029863.D
Acq: 29 Jun 2022 15:43

Tgt Ion: 41 Resp: 1239
Ion Ratio Lower Upper
41 100
39 44.6 48.9 73.3#
76 0.0 26.9 40.3#

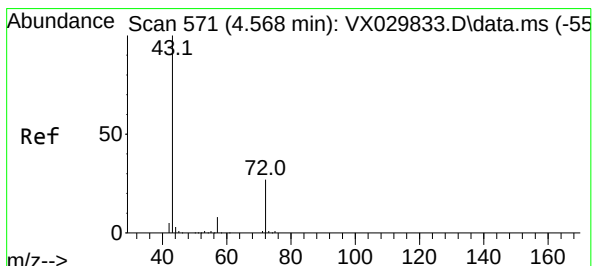
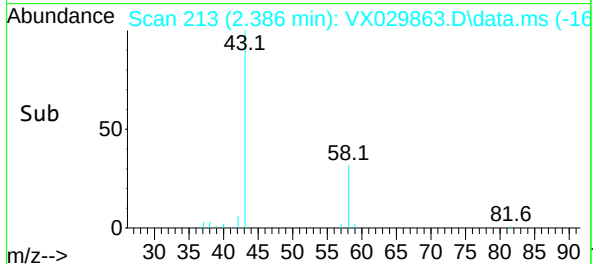
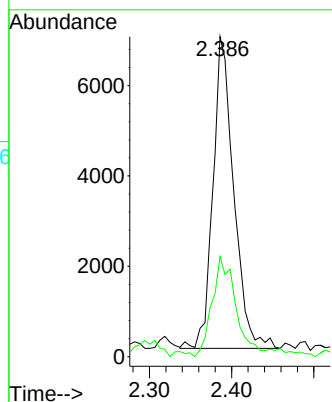
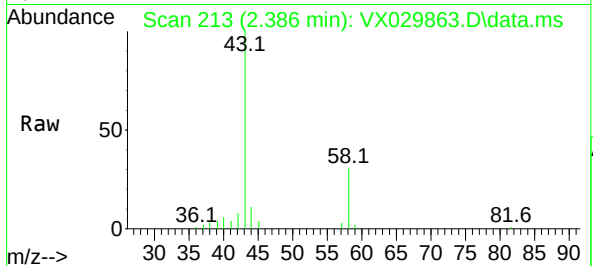




#16
Acetone
Concen: 7.917 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX029863.D
Acq: 29 Jun 2022 15:43

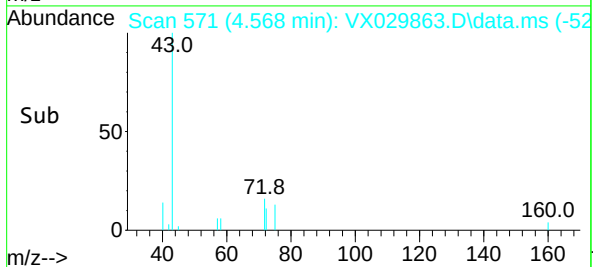
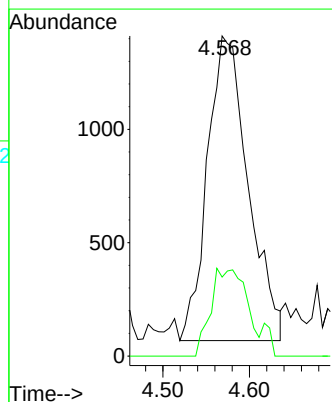
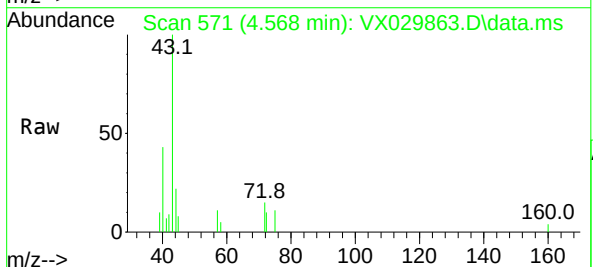
Instrument :
MSVOA_X
ClientSampleId :
EB01-20220623

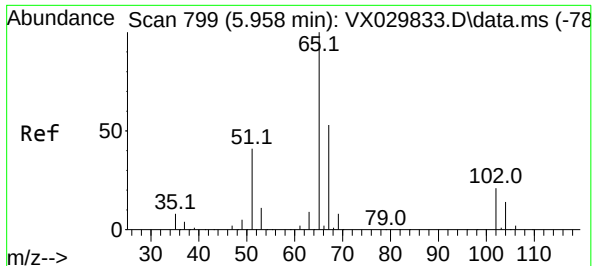
Tgt Ion: 43 Resp: 12108
Ion Ratio Lower Upper
43 100
58 30.5 27.7 41.5



#25
2-Butanone
Concen: 1.657 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.000 min
Lab File: VX029863.D
Acq: 29 Jun 2022 15:43

Tgt Ion: 43 Resp: 4399
Ion Ratio Lower Upper
43 100
72 25.9 21.7 32.5





#33

1,2-Dichloroethane-d4

Concen: 43.399 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX029863.D

Acq: 29 Jun 2022 15:43

Instrument :

MSVOA_X

ClientSampleId :

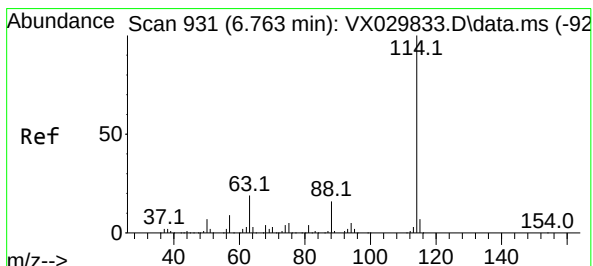
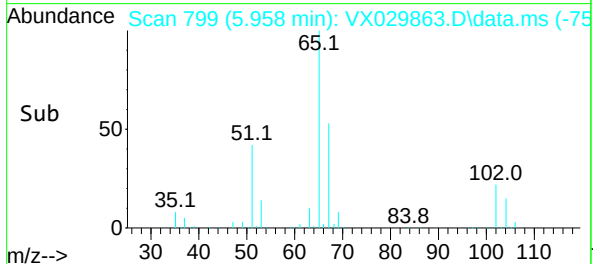
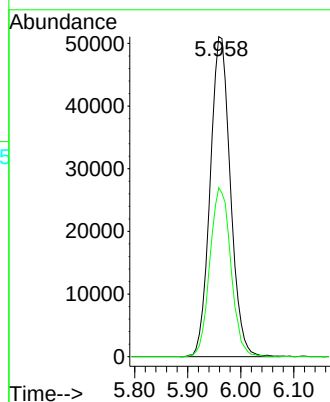
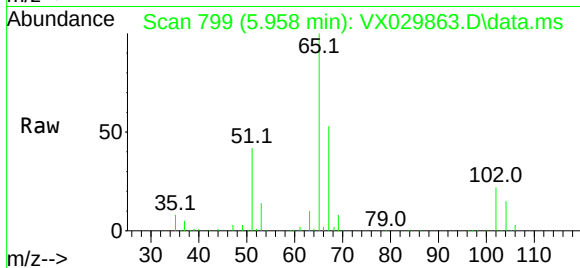
EB01-20220623

Tgt Ion: 65 Resp: 135668

Ion Ratio Lower Upper

65 100

67 54.6 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.006 min

Lab File: VX029863.D

Acq: 29 Jun 2022 15:43

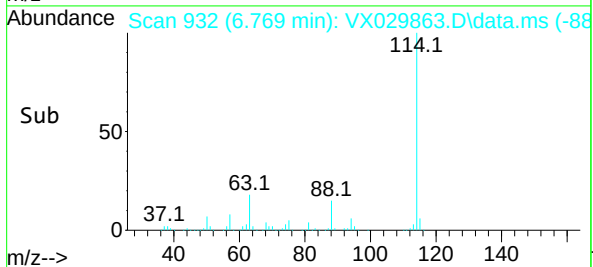
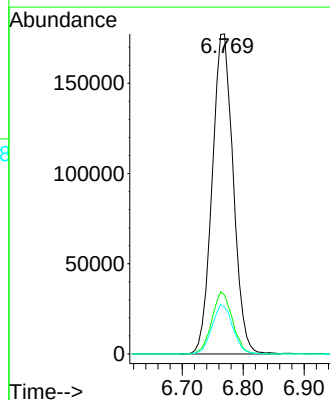
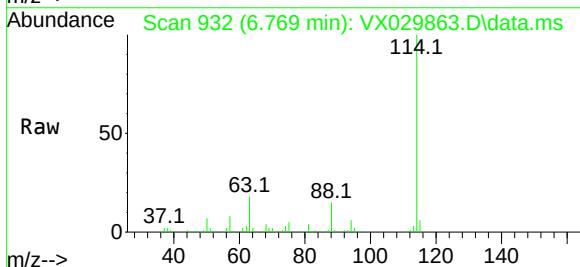
Tgt Ion: 114 Resp: 424492

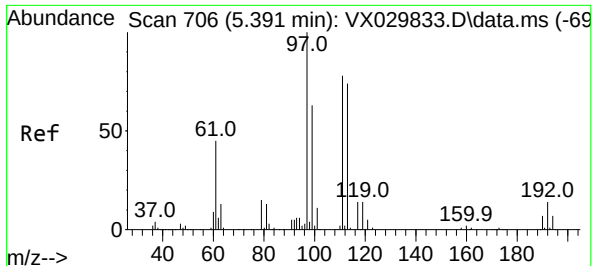
Ion Ratio Lower Upper

114 100

63 18.4 0.0 38.4

88 14.6 0.0 31.8

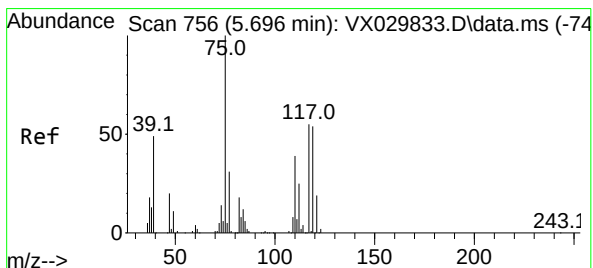
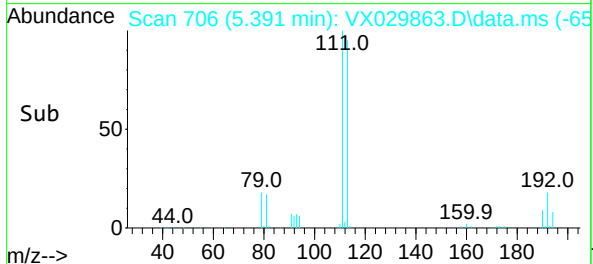
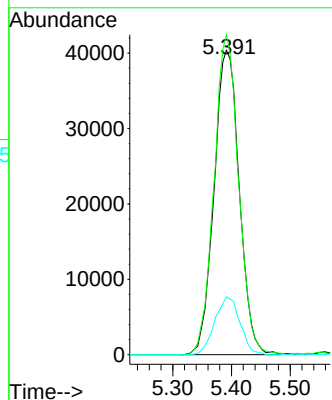
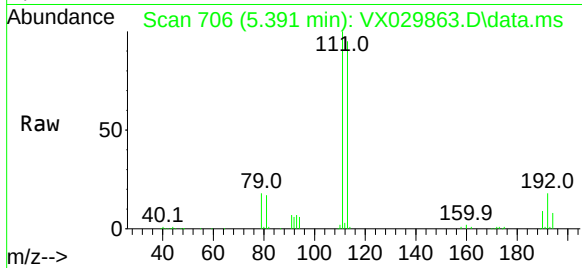




#35
Dibromofluoromethane
Concen: 45.341 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029863.D
Acq: 29 Jun 2022 15:43

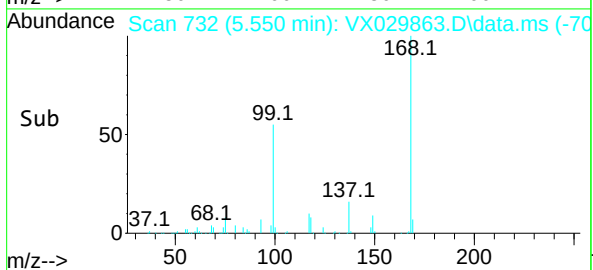
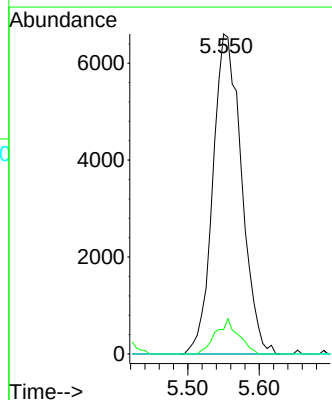
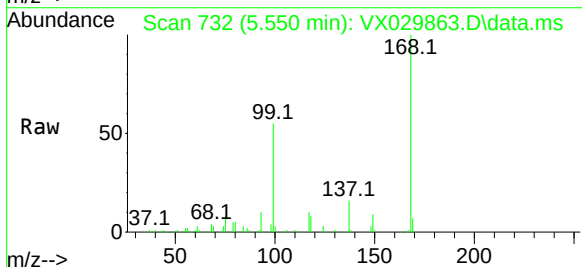
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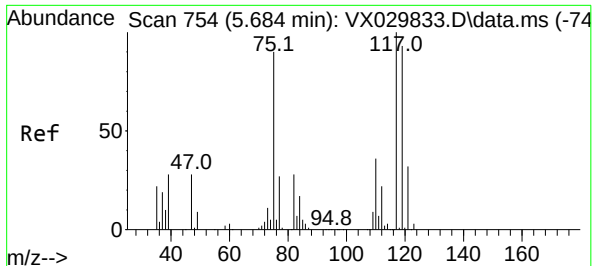
Tgt Ion:113 Resp: 120284
Ion Ratio Lower Upper
113 100
111 102.6 83.2 124.8
192 18.9 14.8 22.2



#36
1,1-Dichloropropene
Concen: 5.193 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX029863.D
Acq: 29 Jun 2022 15:43

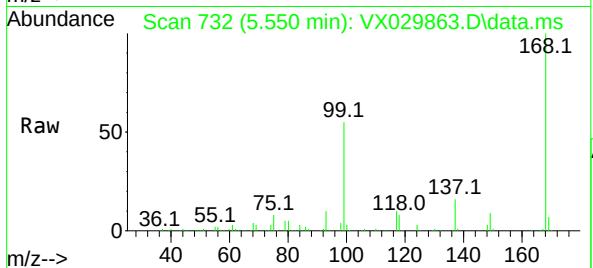
Tgt Ion: 75 Resp: 18324
Ion Ratio Lower Upper
75 100
110 8.7 19.3 57.9#
77 0.0 24.4 36.6#



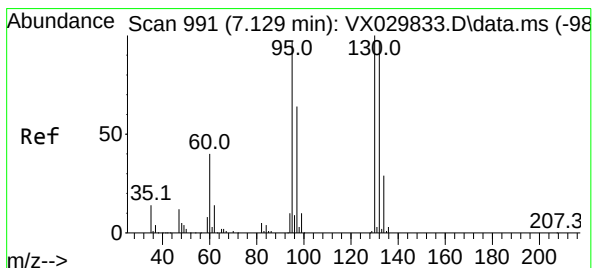
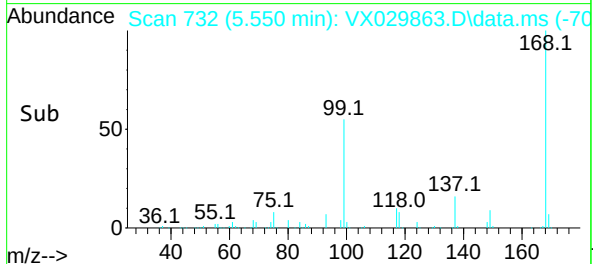
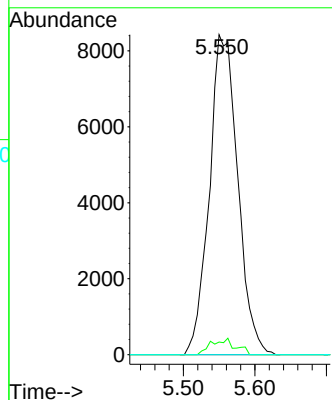


#38
Carbon Tetrachloride
Concen: 7.605 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX029863.D
Acq: 29 Jun 2022 15:43

Instrument :
MSVOA_X
ClientSampleId :
EB01-20220623

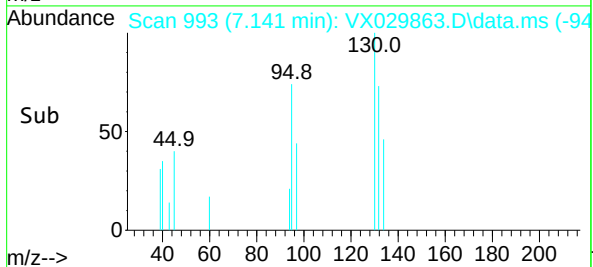
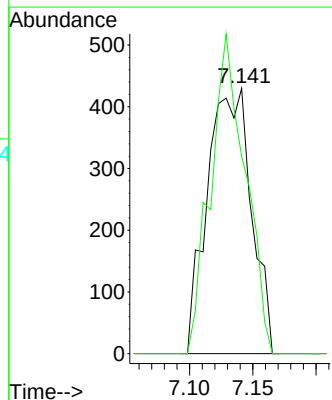
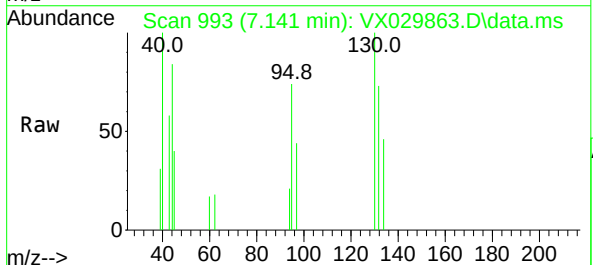


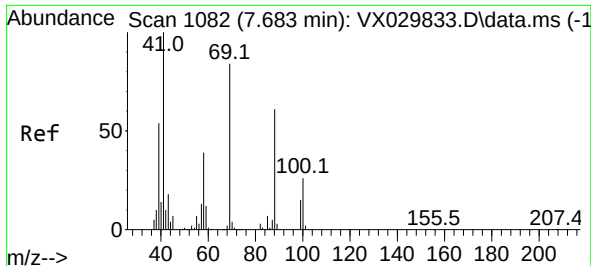
Tgt Ion:117 Resp: 23251
Ion Ratio Lower Upper
117 100
119 3.9 74.1 111.1#
121 0.0 25.8 38.8#



#44
Trichloroethene
Concen: 0.338 ug/l
RT: 7.141 min Scan# 993
Delta R.T. 0.012 min
Lab File: VX029863.D
Acq: 29 Jun 2022 15:43

Tgt Ion:130 Resp: 1040
Ion Ratio Lower Upper
130 100
95 74.4 0.0 194.8





#49

1,4-Dioxane

Concen: 0.331 ug/l

RT: 7.434 min Scan# 1082

Delta R.T. -0.250 min

Lab File: VX029863.D

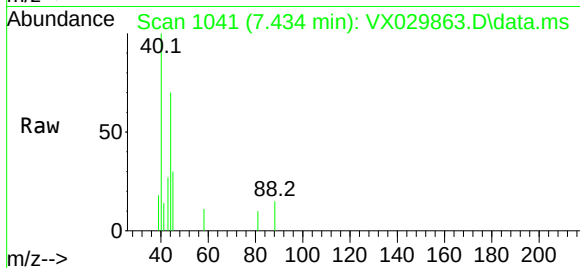
Acq: 29 Jun 2022 15:43

Instrument :

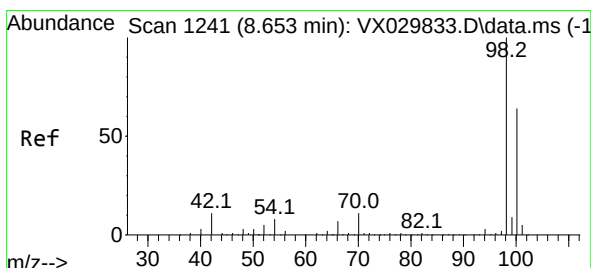
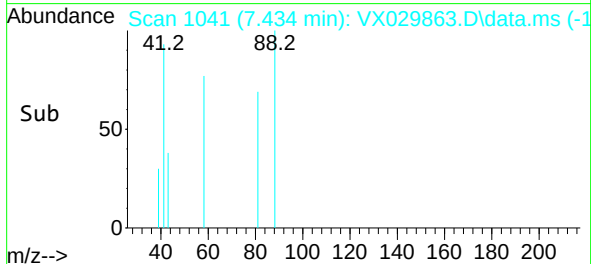
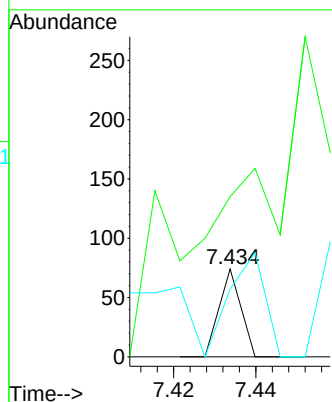
MSVOA_X

ClientSampleId :

EB01-20220623



Tgt Ion:	88	Resp:	27
Ion	Ratio	Lower	Upper
88	100		
43	0.0	23.8	35.8#
58	196.3	53.8	80.6#



#50

Toluene-d8

Concen: 47.979 ug/l

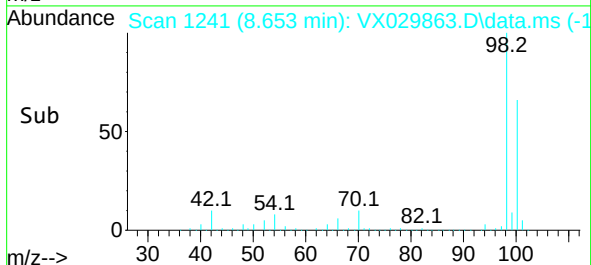
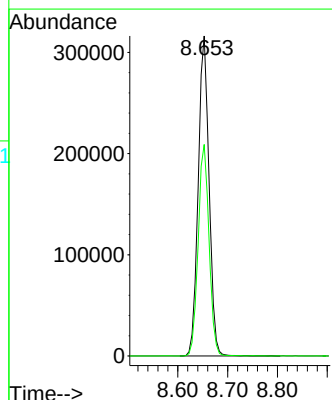
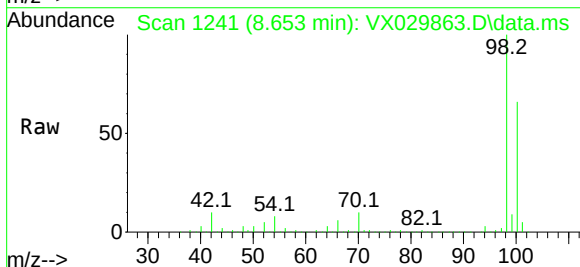
RT: 8.653 min Scan# 1241

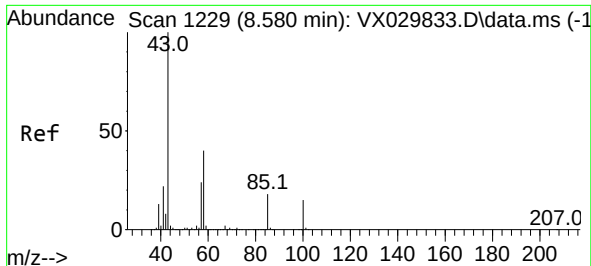
Delta R.T. 0.000 min

Lab File: VX029863.D

Acq: 29 Jun 2022 15:43

Tgt Ion:	98	Resp:	477492
Ion	Ratio	Lower	Upper
98	100		
100	66.3	52.3	78.5





#51

4-Methyl-2-Pentanone

Concen: 0.508 ug/l

RT: 8.580 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX029863.D

Acq: 29 Jun 2022 15:43

Instrument :

MSVOA_X

ClientSampleId :

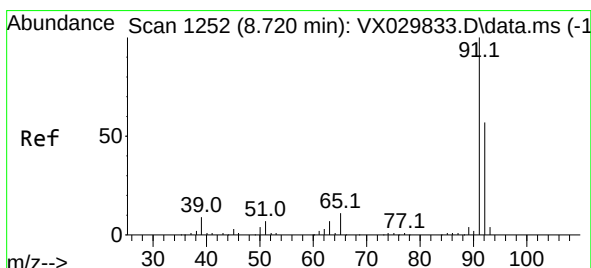
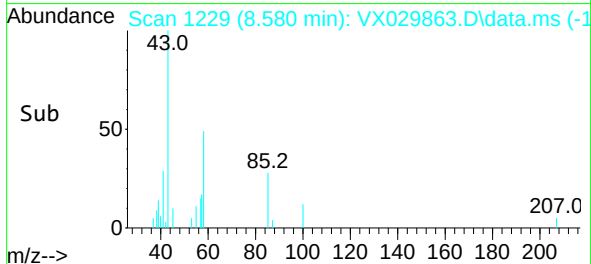
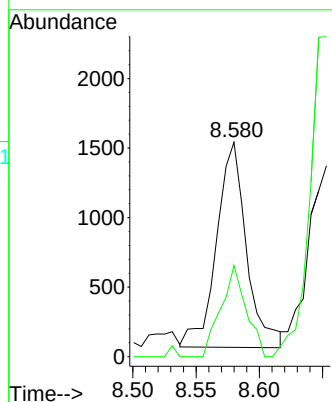
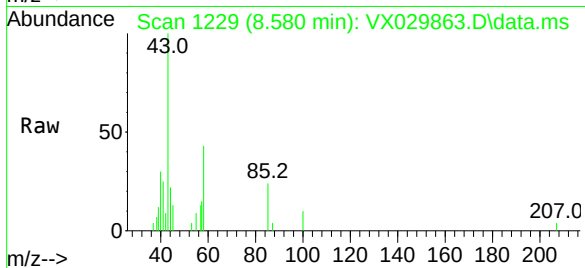
EB01-20220623

Tgt Ion: 43 Resp: 2433

Ion Ratio Lower Upper

43 100

58 37.4 31.4 47.2



#52

Toluene

Concen: 0.471 ug/l

RT: 8.726 min Scan# 1253

Delta R.T. 0.006 min

Lab File: VX029863.D

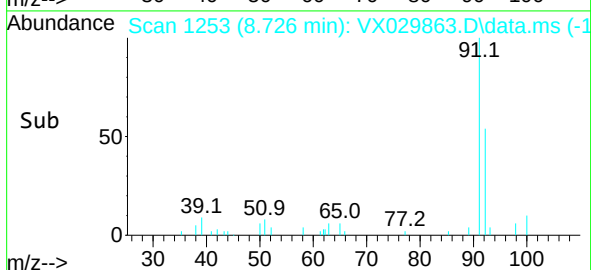
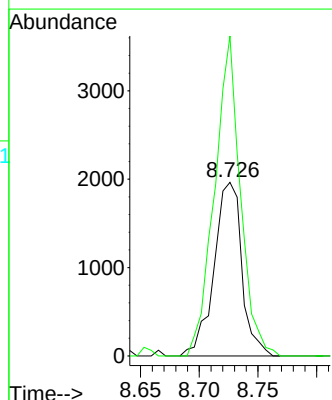
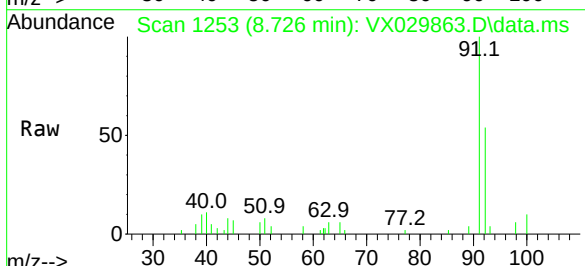
Acq: 29 Jun 2022 15:43

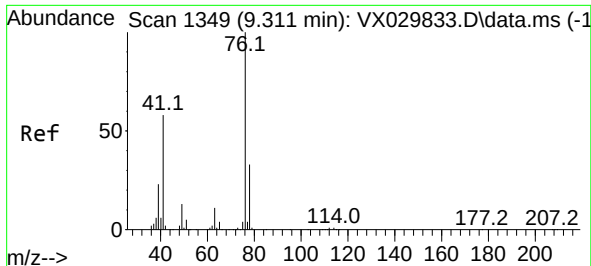
Tgt Ion: 92 Resp: 3242

Ion Ratio Lower Upper

92 100

91 170.9 139.2 208.8





#57

1,3-Dichloropropane

Concen: 0.293 ug/l

RT: 9.592 min Scan# 1395

Delta R.T. 0.281 min

Lab File: VX029863.D

Acq: 29 Jun 2022 15:43

Instrument :

MSVOA_X

ClientSampleId :

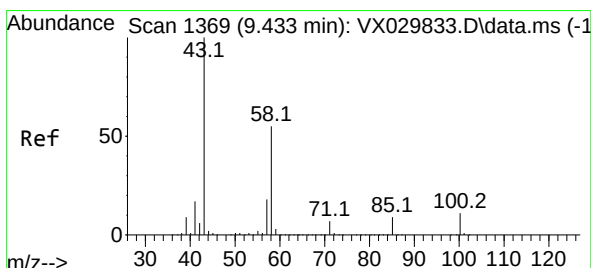
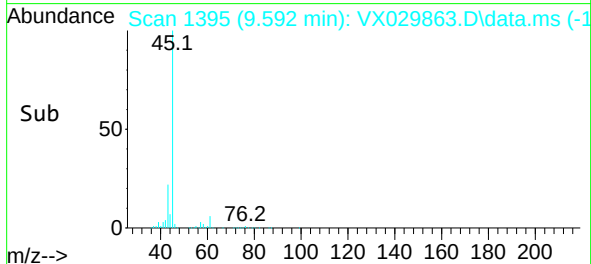
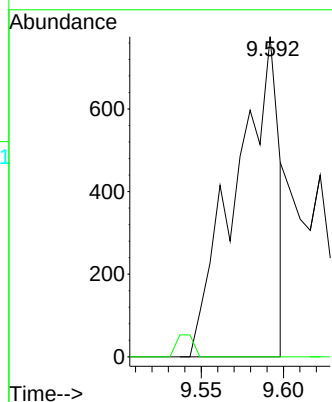
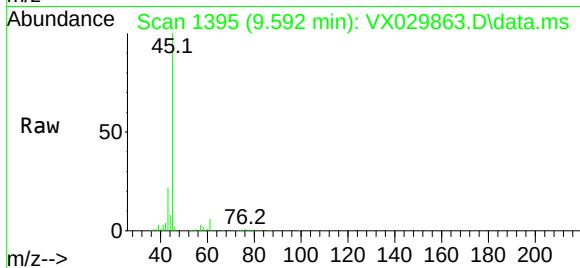
EB01-20220623

Tgt Ion: 76 Resp: 1416

Ion Ratio Lower Upper

76 100

78 0.0 25.9 38.9#



#59

2-Hexanone

Concen: 35.217 ug/l

RT: 9.604 min Scan# 1397

Delta R.T. 0.171 min

Lab File: VX029863.D

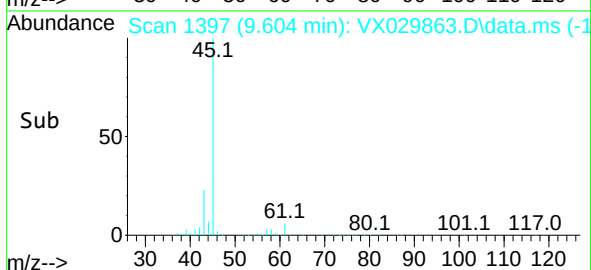
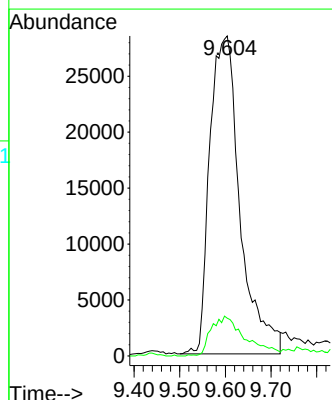
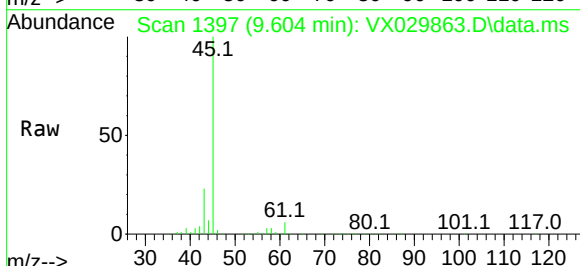
Acq: 29 Jun 2022 15:43

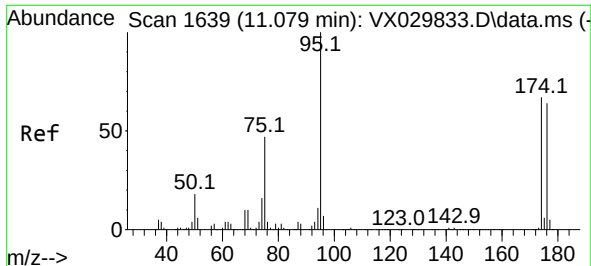
Tgt Ion: 43 Resp: 130958

Ion Ratio Lower Upper

43 100

58 14.2 27.6 82.8#

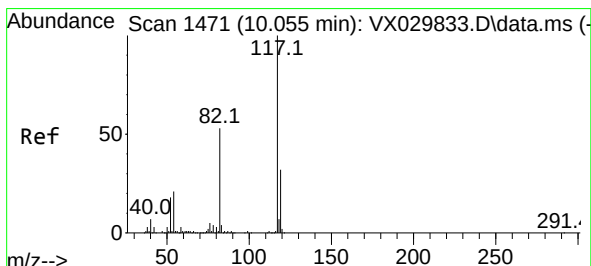
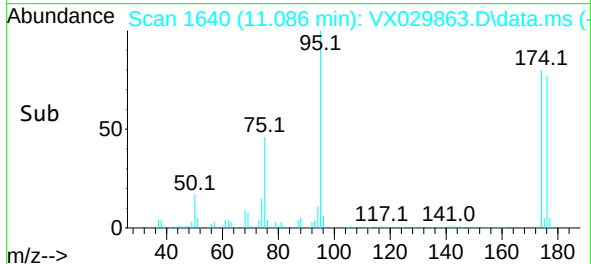
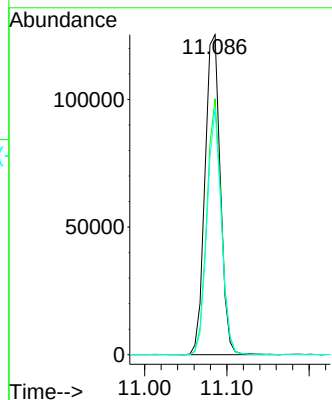
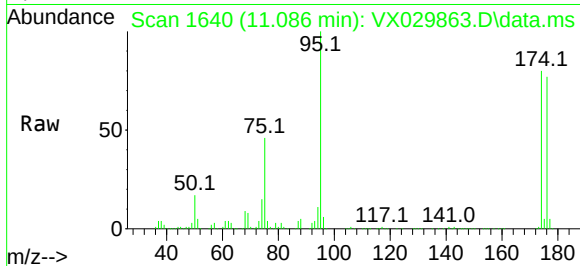




#62
4-Bromofluorobenzene
Concen: 46.219 ug/l
RT: 11.086 min Scan# 1
Delta R.T. 0.006 min
Lab File: VX029863.D
Acq: 29 Jun 2022 15:43

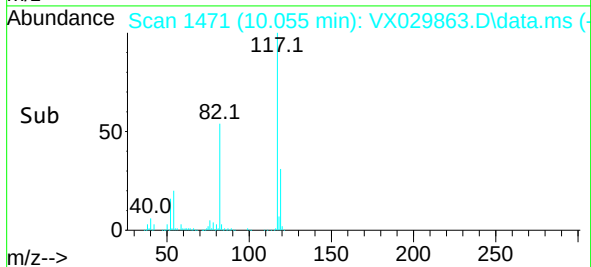
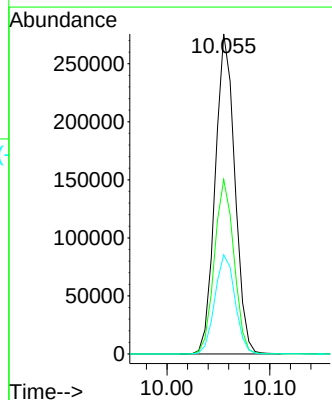
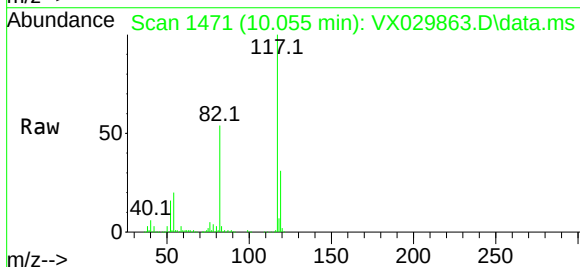
Instrument :
MSVOA_X
ClientSampleId :
EB01-20220623

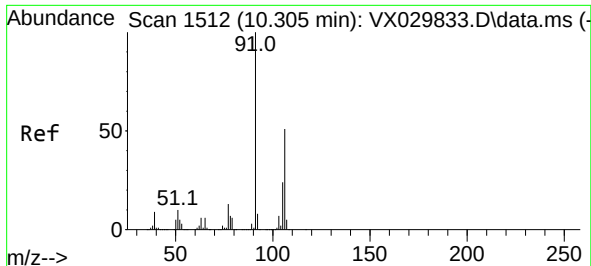
Tgt Ion: 95 Resp: 162595
Ion Ratio Lower Upper
95 100
174 75.8 0.0 149.0
176 71.7 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029863.D
Acq: 29 Jun 2022 15:43

Tgt Ion: 117 Resp: 364744
Ion Ratio Lower Upper
117 100
82 54.5 42.7 64.1
119 31.0 25.4 38.2

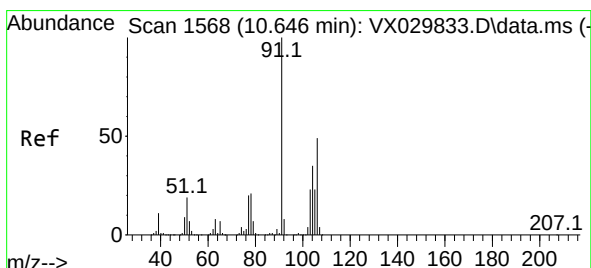
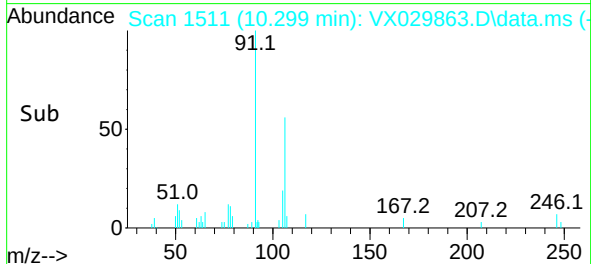
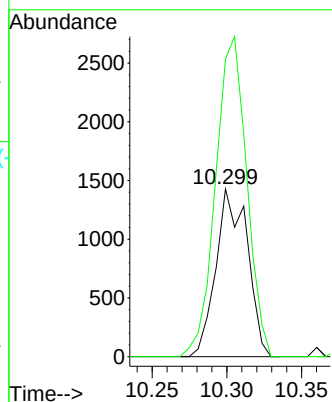
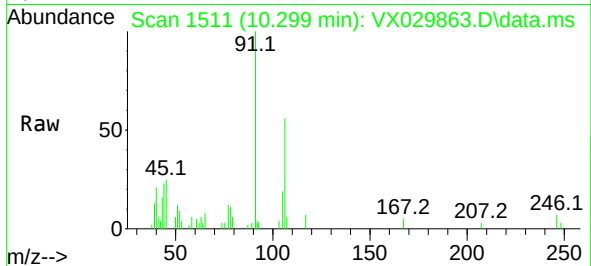




#68
m/p-Xylenes
Concen: 0.426 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.006 min
Lab File: VX029863.D
Acq: 29 Jun 2022 15:43

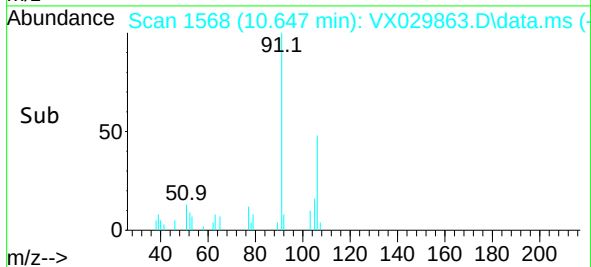
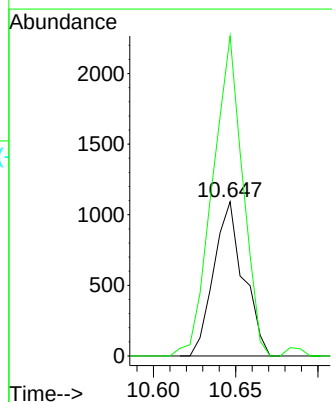
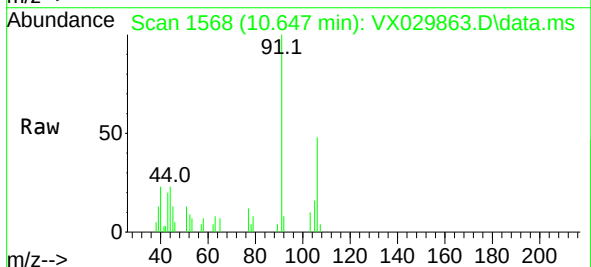
Instrument :
MSVOA_X
ClientSampleId :
EB01-20220623

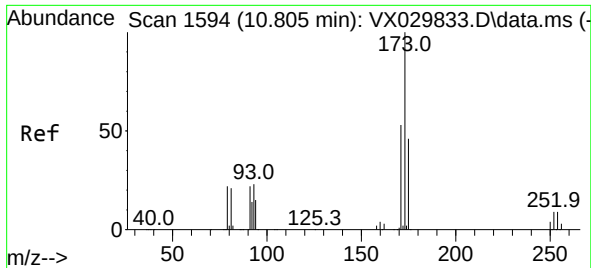
Tgt Ion:106 Resp: 2079
Ion Ratio Lower Upper
106 100
91 189.6 158.2 237.4



#69
o-Xylene
Concen: 0.278 ug/l
RT: 10.647 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX029863.D
Acq: 29 Jun 2022 15:43

Tgt Ion:106 Resp: 1377
Ion Ratio Lower Upper
106 100
91 209.8 103.8 311.6

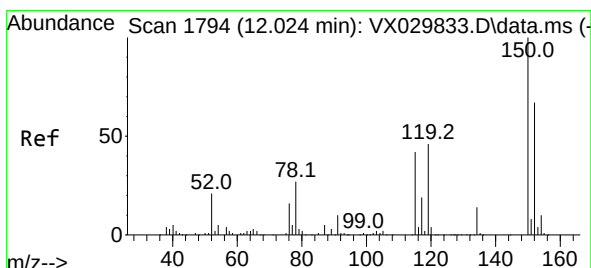
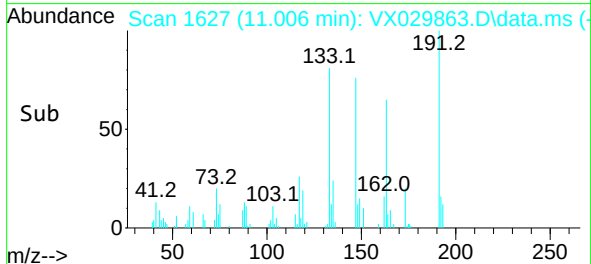
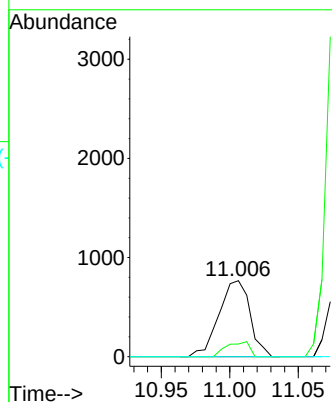
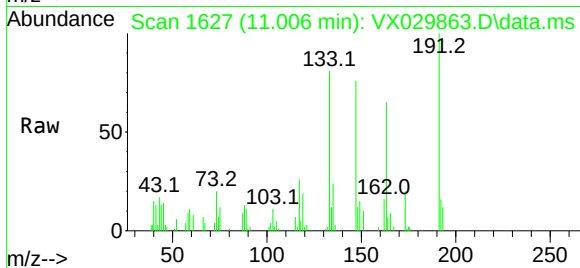




#71
Bromoform
Concen: 0.692 ug/l
RT: 11.006 min Scan# 11
Delta R.T. 0.201 min
Lab File: VX029863.D
Acq: 29 Jun 2022 15:43

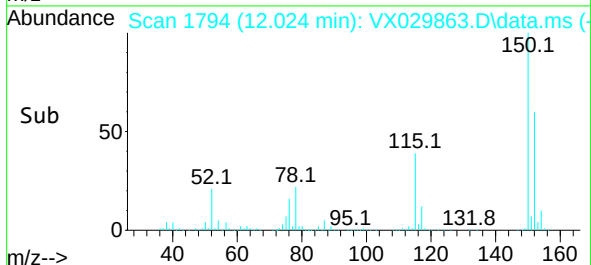
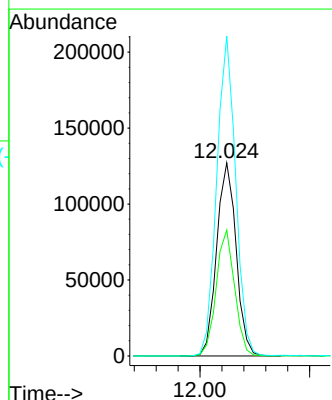
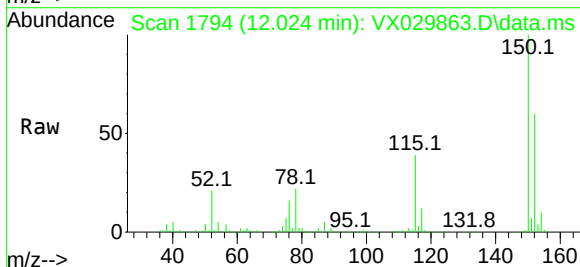
Instrument :
MSVOA_X
ClientSampleId :
EB01-20220623

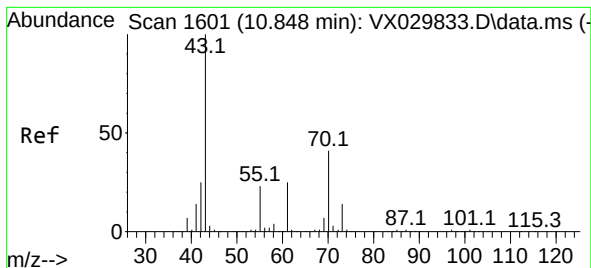
Tgt Ion:173 Resp: 1208
Ion Ratio Lower Upper
173 100
175 0.0 23.8 71.2#
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX029863.D
Acq: 29 Jun 2022 15:43

Tgt Ion:152 Resp: 156750
Ion Ratio Lower Upper
152 100
115 61.8 40.5 121.5
150 161.6 0.0 347.0





#74

N-amy1 acetate

Concen: 0.238 ug/l

RT: 10.854 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX029863.D

Acq: 29 Jun 2022 15:43

Instrument :

MSVOA_X

ClientSampleId :

EB01-20220623

Tgt Ion: 43 Resp: 1335

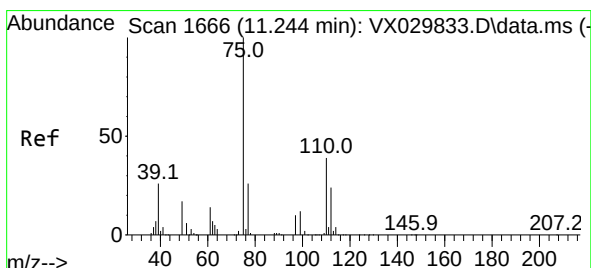
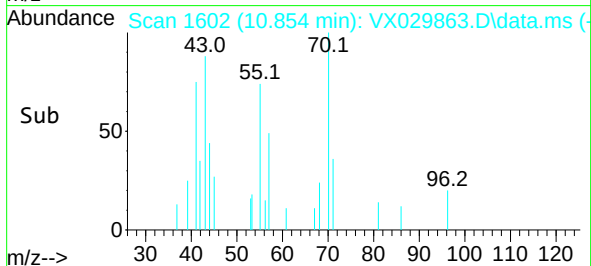
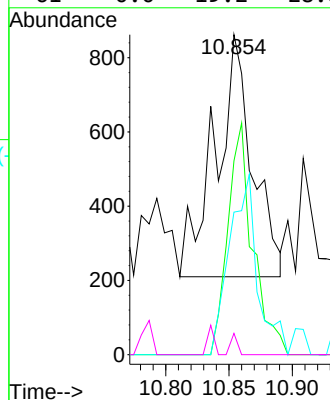
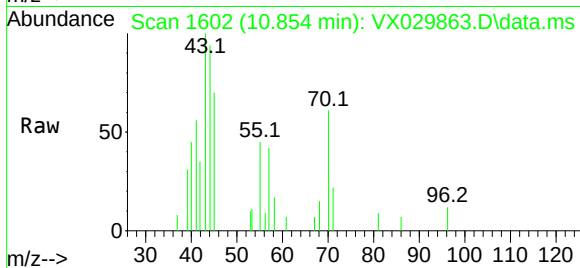
Ion Ratio Lower Upper

43 100

70 63.8 32.3 48.5#

55 55.9 18.4 27.6#

61 0.0 19.2 28.8#



#76

1,2,3-Trichloropropane

Concen: 20.142 ug/l

RT: 11.086 min Scan# 1640

Delta R.T. -0.158 min

Lab File: VX029863.D

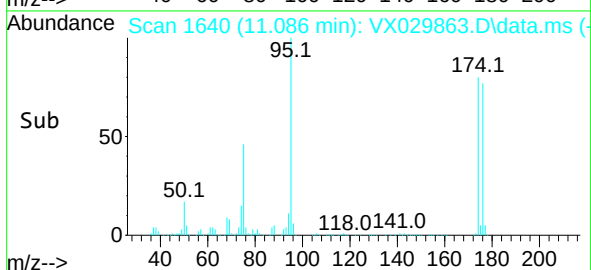
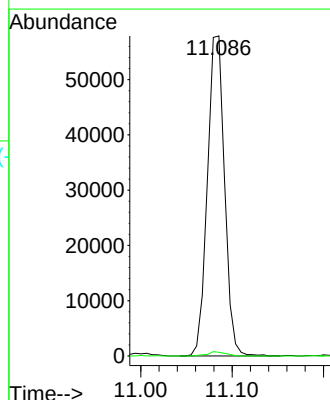
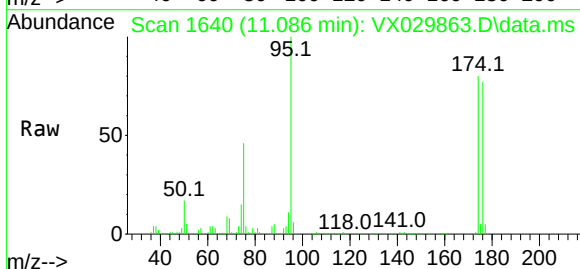
Acq: 29 Jun 2022 15:43

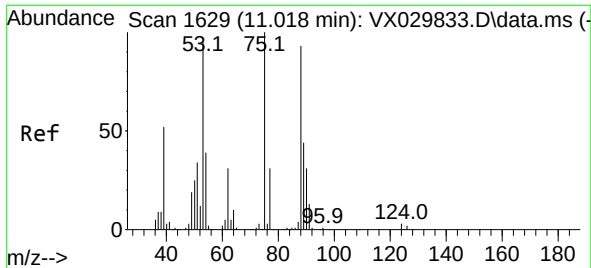
Tgt Ion: 75 Resp: 75582

Ion Ratio Lower Upper

75 100

77 1.4 19.8 59.3#





#81

trans-1,4-Dichloro-2-butene

Concen: 63.968 ug/l

RT: 11.086 min Scan# 1

Delta R.T. 0.067 min

Lab File: VX029863.D

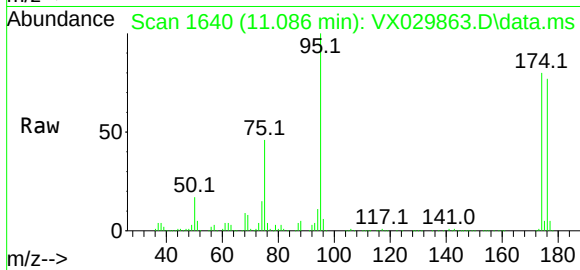
Acq: 29 Jun 2022 15:43

Instrument :

MSVOA_X

ClientSampleId :

EB01-20220623



Tgt Ion: 75 Resp: 75582

Ion Ratio Lower Upper

75 100

53 0.0 74.2 111.4#

89 0.0 34.8 52.2#

