

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072122\
 Data File : VX030171.D
 Acq On : 21 Jul 2022 18:50
 Operator : JC/MD
 Sample : N3765-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EB-05-07152022

Quant Time: Jul 22 04:59:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X071222W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 13 09:05:23 2022
 Response via : Initial Calibration

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

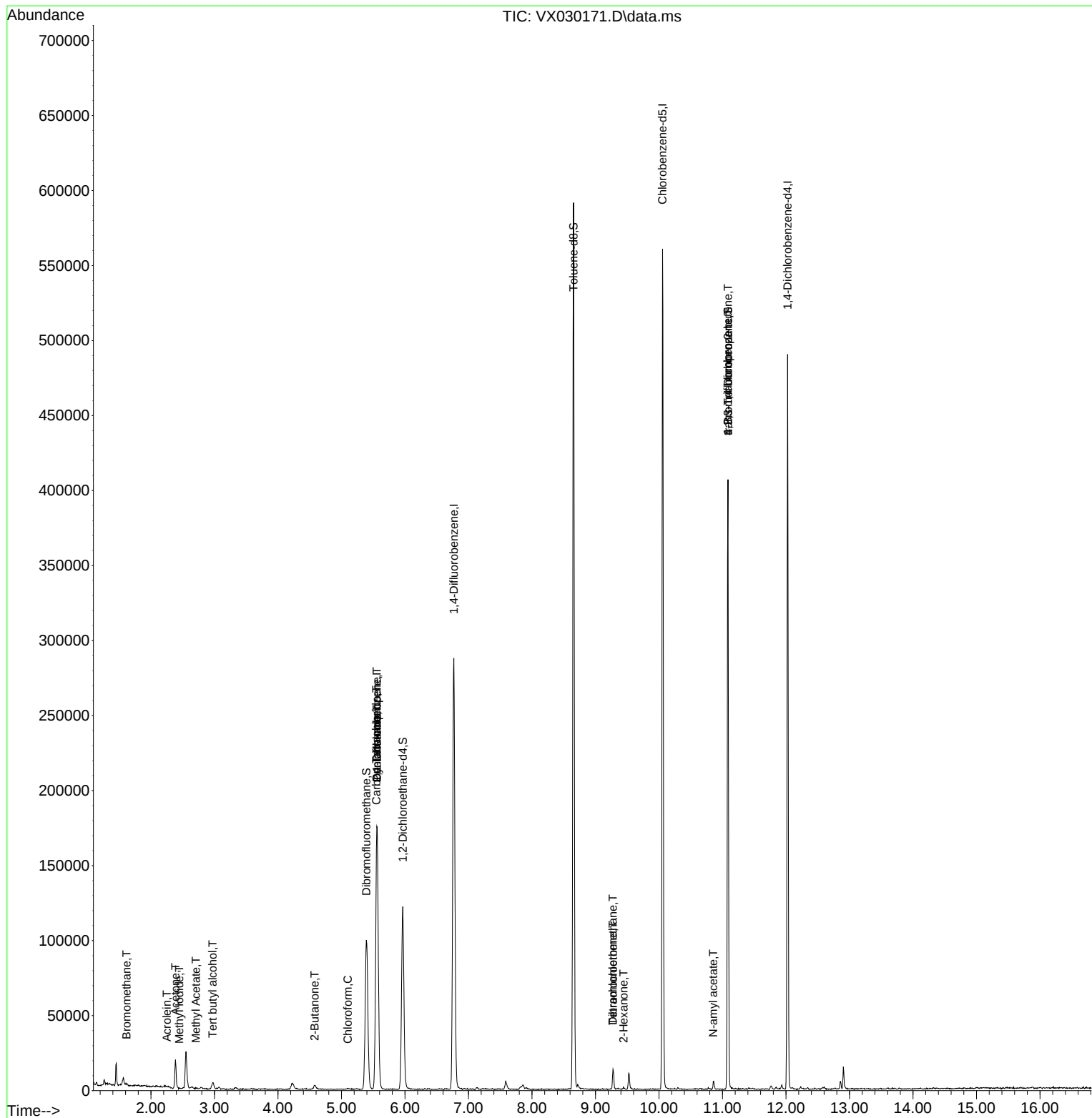
Internal Standards						
1) Pentafluorobenzene	5.556	168	164649	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	294906	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	251844	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	95271	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	109906	54.841	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	109.680%
35) Dibromofluoromethane	5.391	113	89455	47.482	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.960%
50) Toluene-d8	8.653	98	344977	48.688	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.380%
62) 4-Bromofluorobenzene	11.085	95	107333	43.651	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.300%
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	217	0.268	ug/l #	58
10) Methyl Iodide	2.447	142	288	2.574	ug/l #	76
11) Tert butyl alcohol	2.971	59	5199	10.052	ug/l #	92
13) Acrolein	2.252	56	173	1.679	ug/l #	71
16) Acetone	2.386	43	18585	19.681	ug/l	94
17) Carbon Disulfide	2.508	76	1120	Below Cal		97
18) Methyl Acetate	2.709	43	693	0.241	ug/l #	51
20) Methylene Chloride	2.788	84	546	Below Cal	#	80
25) 2-Butanone	4.574	43	4545	2.825	ug/l	98
30) Chloroform	5.099	83	664	0.210	ug/l	92
31) Cyclohexane	5.556	56	3970	1.367	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	13277	5.456	ug/l #	48
38) Carbon Tetrachloride	5.550	117	17161	7.562	ug/l #	18
59) 2-Hexanone	9.439	43	944	0.396	ug/l #	60
60) Dibromochloromethane	9.275	129	2457	1.257	ug/l #	11
64) Tetrachloroethene	9.275	164	2377	1.176	ug/l #	86
74) N-amyl acetate	10.854	43	864	0.297	ug/l #	23
76) 1,2,3-Trichloropropane	11.085	75	54810	25.022	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	54810	72.213	ug/l #	13

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

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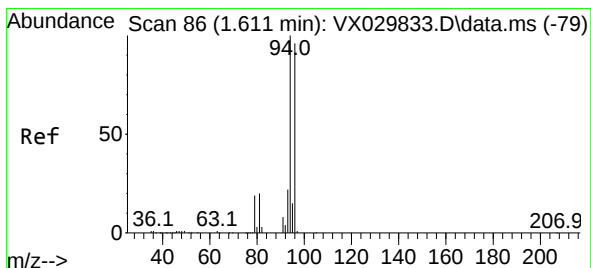
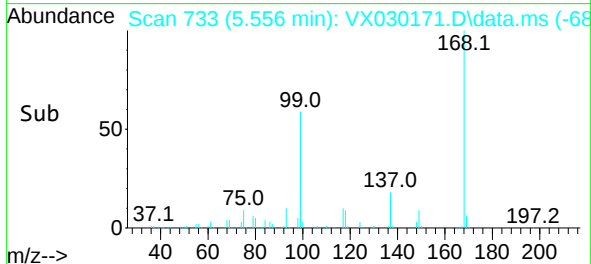
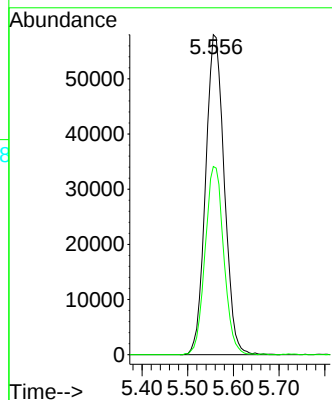
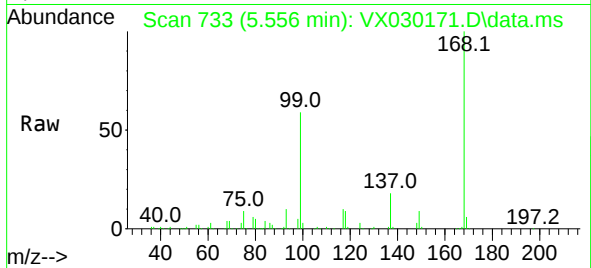




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX030171.D
Acq: 21 Jul 2022 18:50

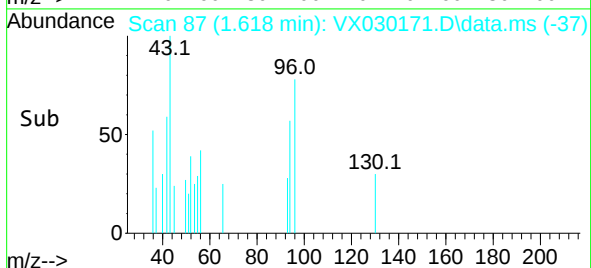
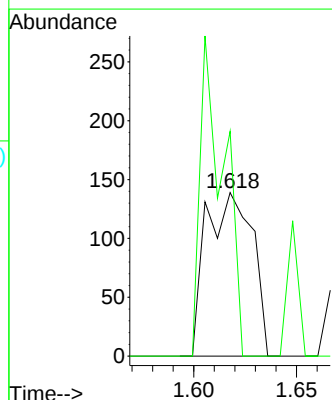
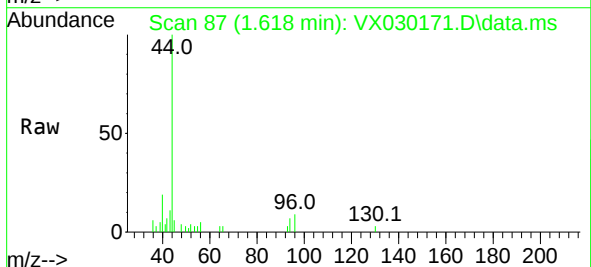
Instrument :
MSVOA_X
ClientSampleId :
EB-05-07152022

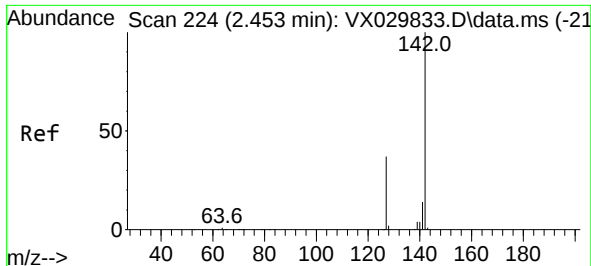
Tgt Ion:168 Resp: 164649
Ion Ratio Lower Upper
168 100
99 58.8 44.0 66.0



#5
Bromomethane
Concen: 0.268 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.007 min
Lab File: VX030171.D
Acq: 21 Jul 2022 18:50

Tgt Ion: 94 Resp: 217
Ion Ratio Lower Upper
94 100
96 137.4 76.9 115.3#

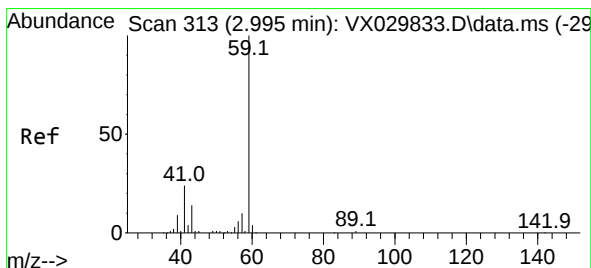
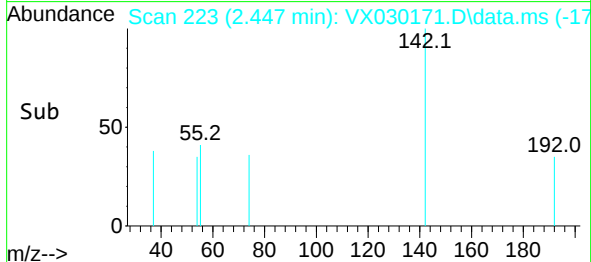
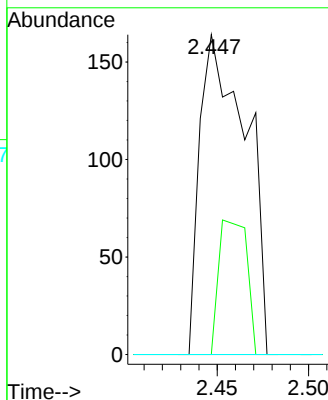
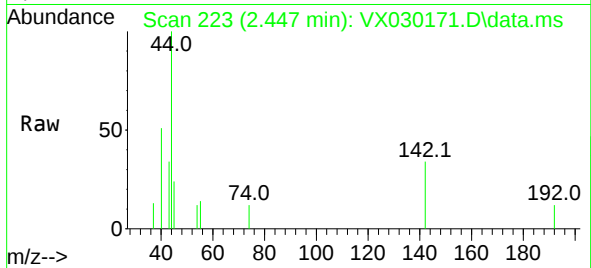




#10
Methyl Iodide
Concen: 2.574 ug/l
RT: 2.447 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX030171.D
Acq: 21 Jul 2022 18:50

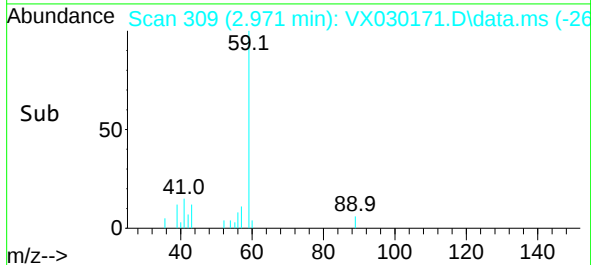
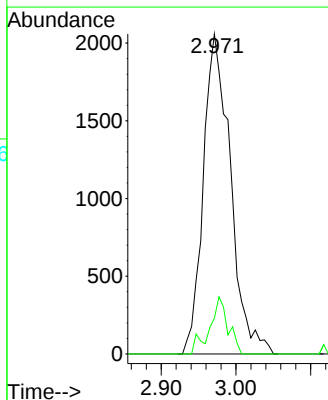
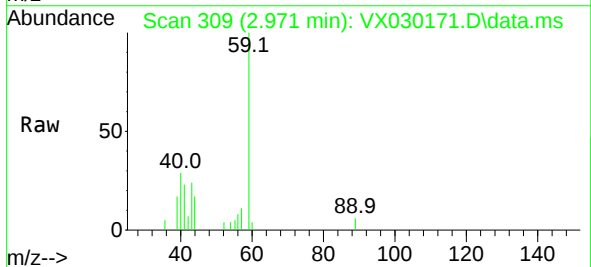
Instrument :
MSVOA_X
ClientSampleId :
EB-05-07152022

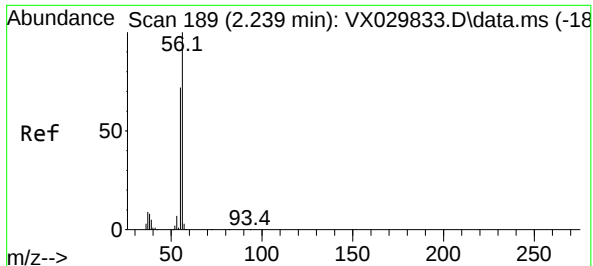
Tgt Ion:142 Resp: 288
Ion Ratio Lower Upper
142 100
127 25.3 30.2 45.2#
141 0.0 11.3 16.9#



#11
Tert butyl alcohol
Concen: 10.052 ug/l
RT: 2.971 min Scan# 309
Delta R.T. -0.024 min
Lab File: VX030171.D
Acq: 21 Jul 2022 18:50

Tgt Ion: 59 Resp: 5199
Ion Ratio Lower Upper
59 100
57 12.1 7.4 11.2#





#13

Acrolein

Concen: 1.679 ug/l

RT: 2.252 min Scan# 191

Delta R.T. 0.013 min

Lab File: VX030171.D

Acq: 21 Jul 2022 18:50

Instrument :

MSVOA_X

ClientSampleId :

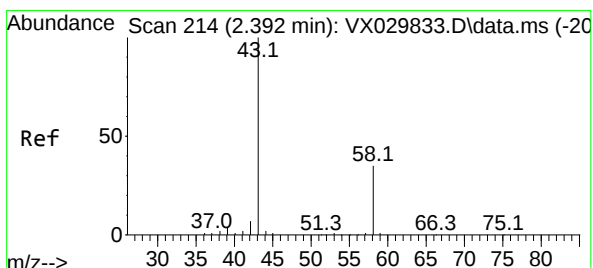
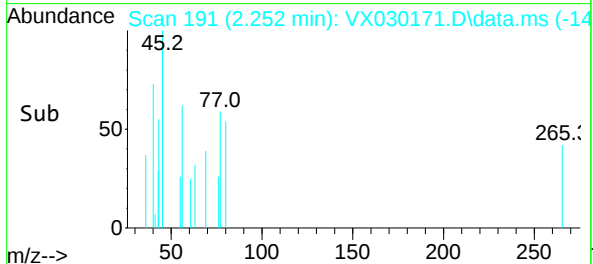
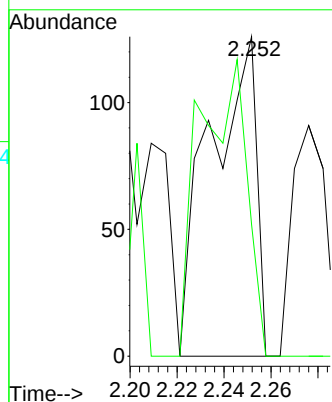
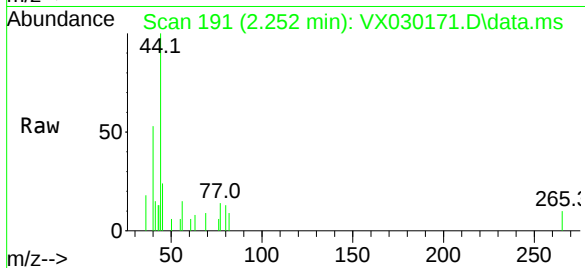
EB-05-07152022

Tgt Ion: 56 Resp: 173

Ion Ratio Lower Upper

56 100

55 94.2 56.6 84.8#



#16

Acetone

Concen: 19.681 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.006 min

Lab File: VX030171.D

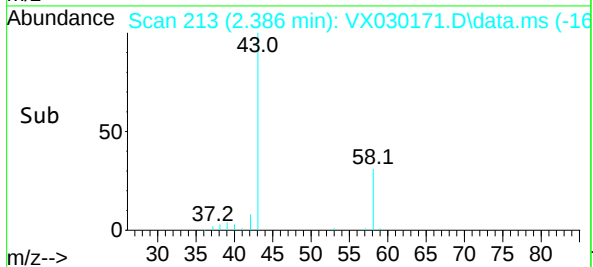
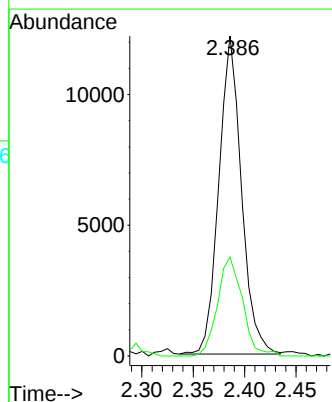
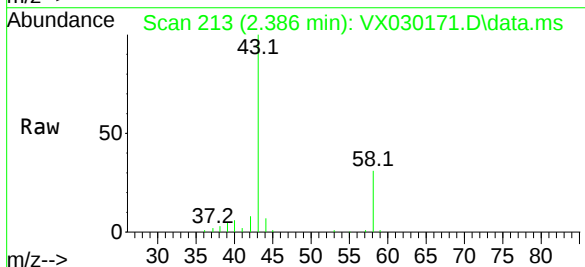
Acq: 21 Jul 2022 18:50

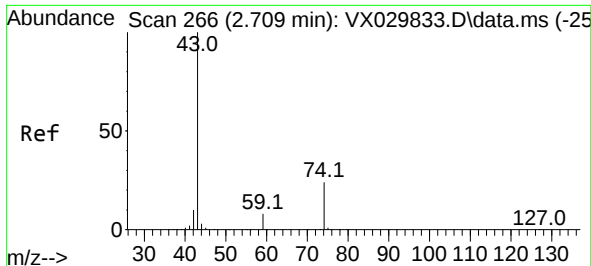
Tgt Ion: 43 Resp: 18585

Ion Ratio Lower Upper

43 100

58 31.1 27.7 41.5

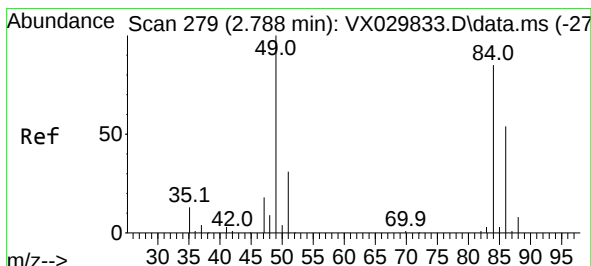
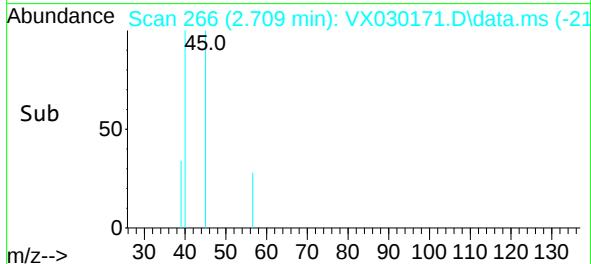
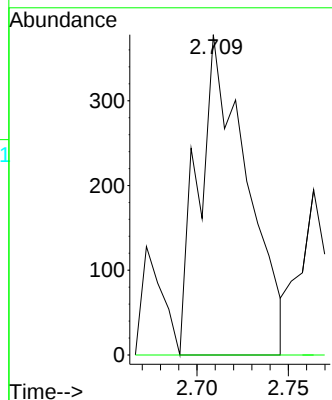
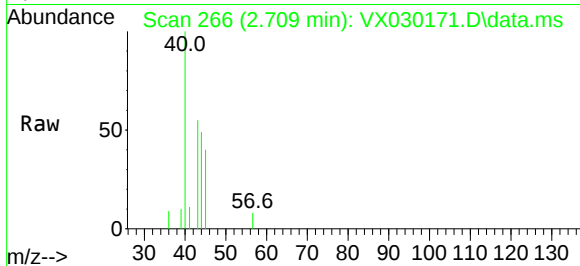




#18
Methyl Acetate
Concen: 0.241 ug/l
RT: 2.709 min Scan# 20
Delta R.T. -0.000 min
Lab File: VX030171.D
Acq: 21 Jul 2022 18:50

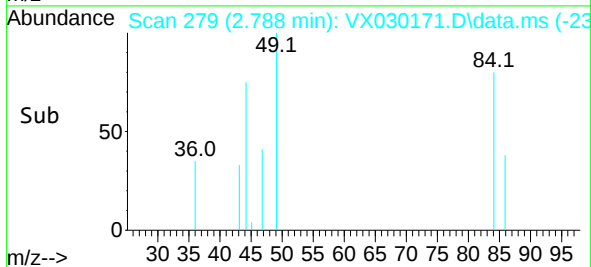
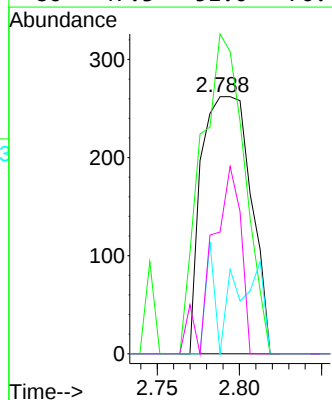
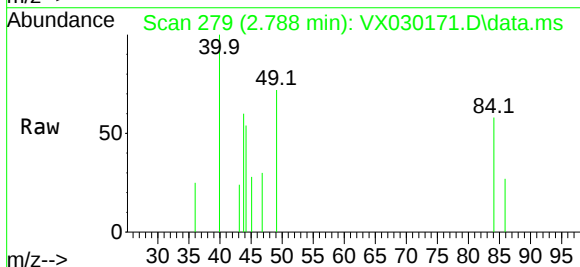
Instrument :
MSVOA_X
ClientSampleId :
EB-05-07152022

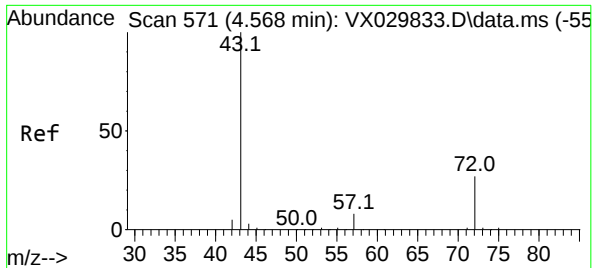
Tgt Ion: 43 Resp: 693
Ion Ratio Lower Upper
43 100
74 0.0 19.4 29.2#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX030171.D
Acq: 21 Jul 2022 18:50

Tgt Ion: 84 Resp: 546
Ion Ratio Lower Upper
84 100
49 124.4 93.8 140.6
51 0.0 29.4 44.0#
86 47.3 51.0 76.4#

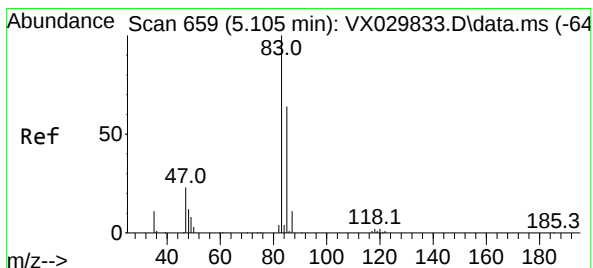
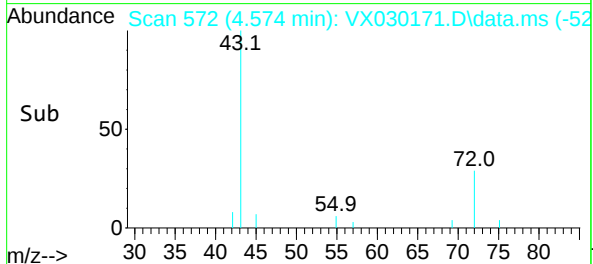
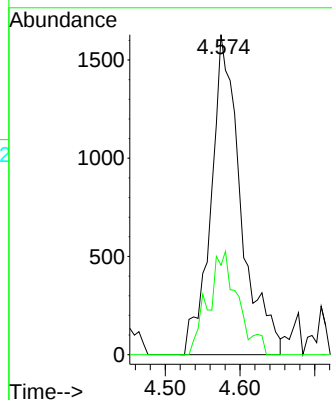
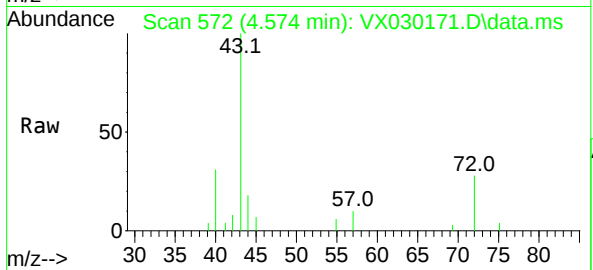




#25
2-Butanone
Concen: 2.825 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX030171.D
Acq: 21 Jul 2022 18:50

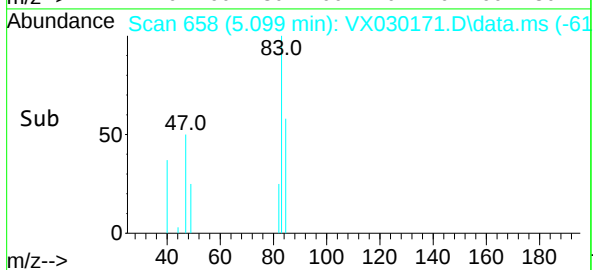
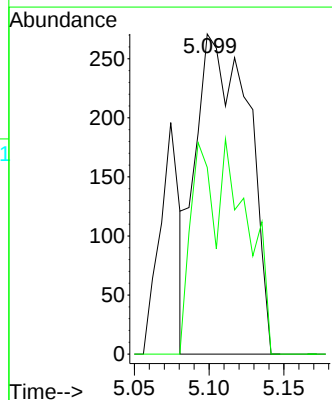
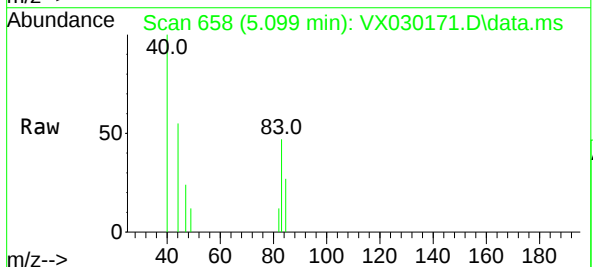
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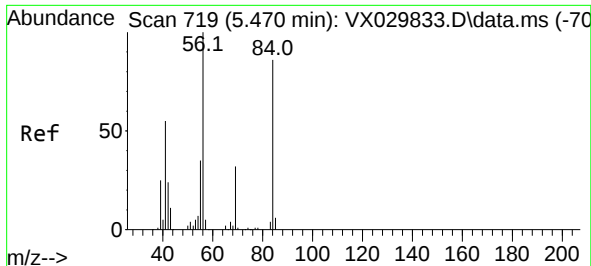
Tgt Ion: 43 Resp: 4545
Ion Ratio Lower Upper
43 100
72 27.9 21.7 32.5



#30
Chloroform
Concen: 0.210 ug/l
RT: 5.099 min Scan# 658
Delta R.T. -0.006 min
Lab File: VX030171.D
Acq: 21 Jul 2022 18:50

Tgt Ion: 83 Resp: 664
Ion Ratio Lower Upper
83 100
85 58.3 51.5 77.3

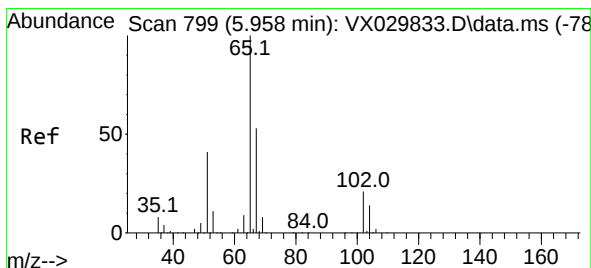
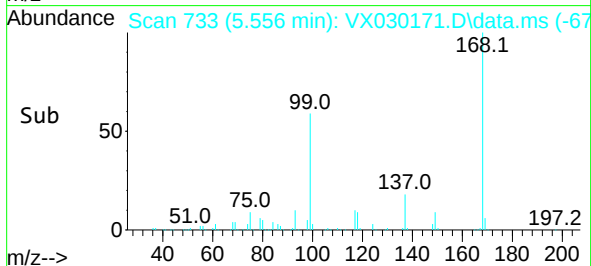
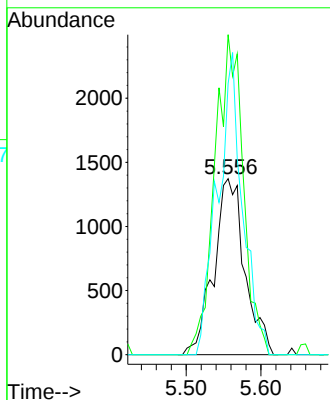
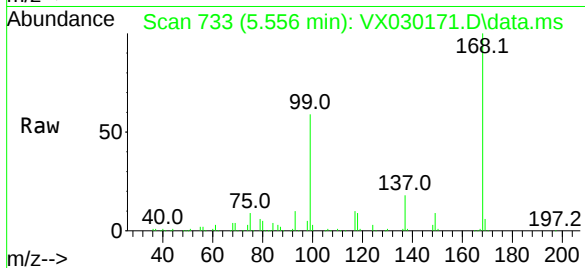




#31
Cyclohexane
Concen: 1.367 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.086 min
Lab File: VX030171.D
Acq: 21 Jul 2022 18:50

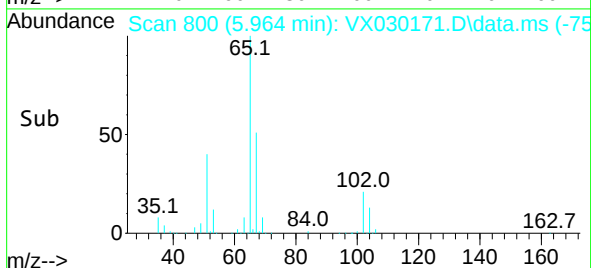
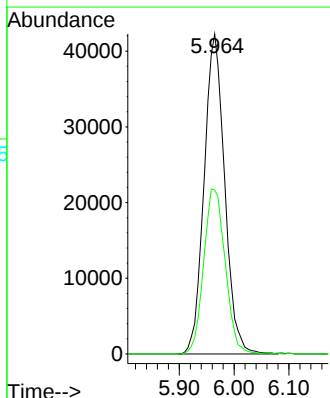
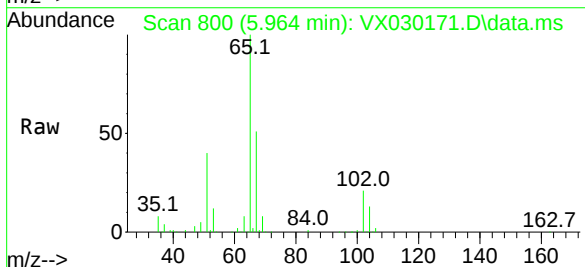
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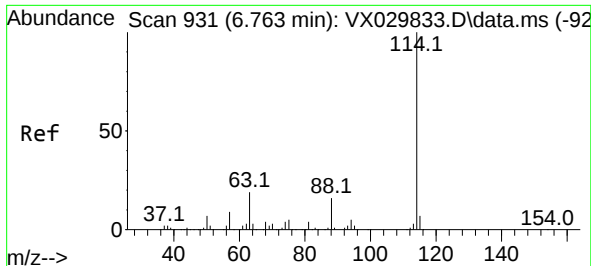
Tgt Ion: 56 Resp: 3970
Ion Ratio Lower Upper
56 100
69 181.8 25.4 38.0#
84 154.1 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 54.841 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.006 min
Lab File: VX030171.D
Acq: 21 Jul 2022 18:50

Tgt Ion: 65 Resp: 109906
Ion Ratio Lower Upper
65 100
67 54.0 0.0 109.6

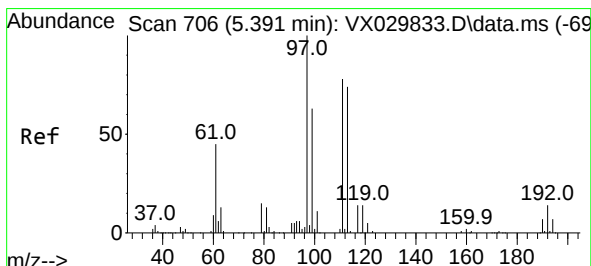
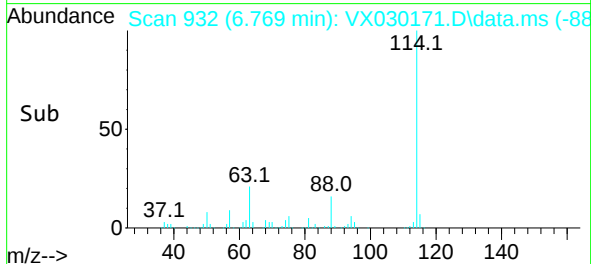
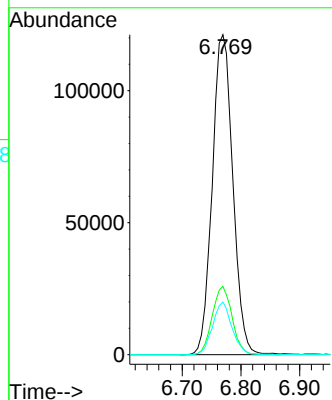
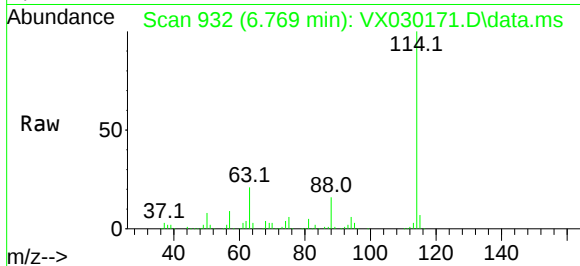




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX030171.D
Acq: 21 Jul 2022 18:50

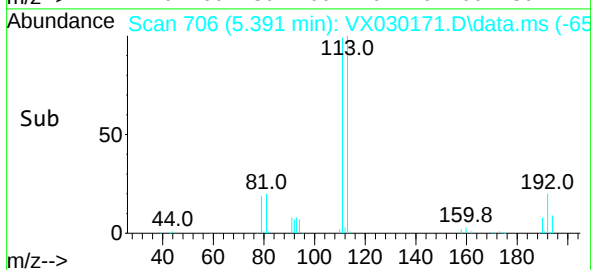
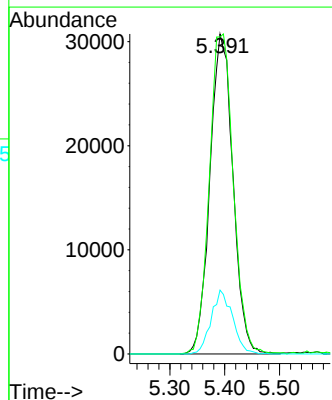
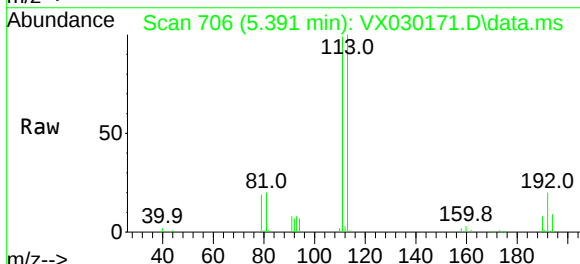
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Tgt Ion:114 Resp: 294906
Ion Ratio Lower Upper
114 100
63 21.4 0.0 38.4
88 16.5 0.0 31.8



#35
Dibromofluoromethane
Concen: 47.482 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX030171.D
Acq: 21 Jul 2022 18:50

Tgt Ion:113 Resp: 89455
Ion Ratio Lower Upper
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111 104.4 83.2 124.8
192 18.6 14.8 22.2

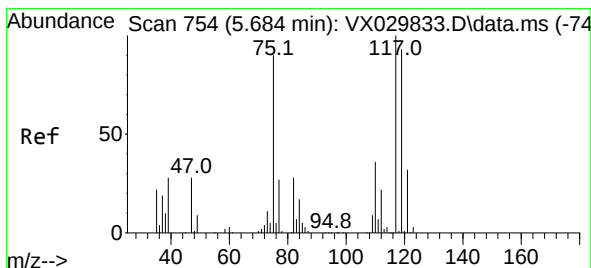
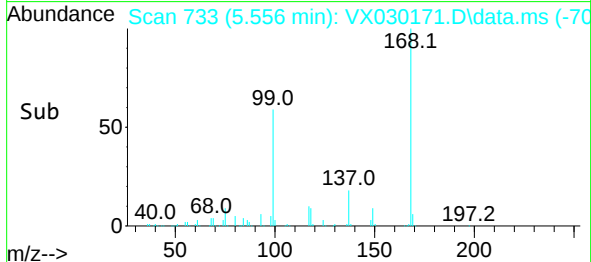
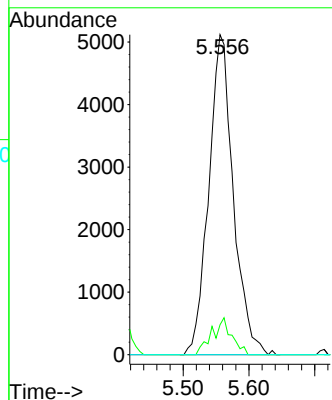
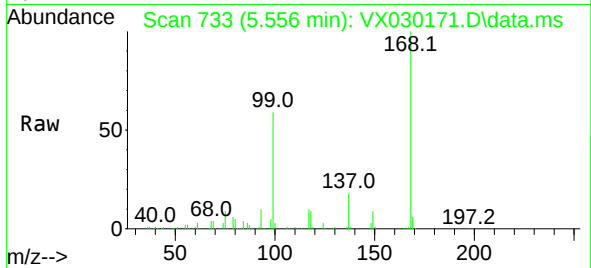




#36
1,1-Dichloropropene
Concen: 5.456 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX030171.D
Acq: 21 Jul 2022 18:50

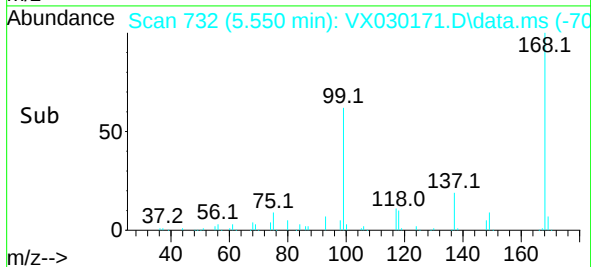
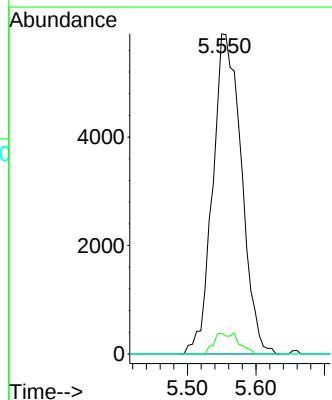
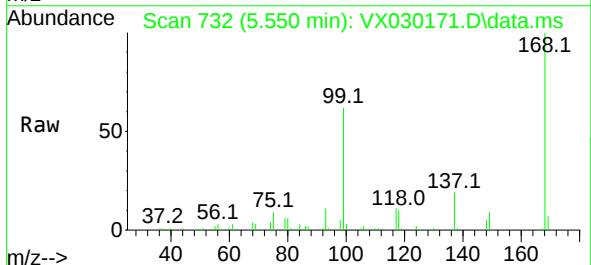
Instrument :
MSVOA_X
ClientSampleId :
EB-05-07152022

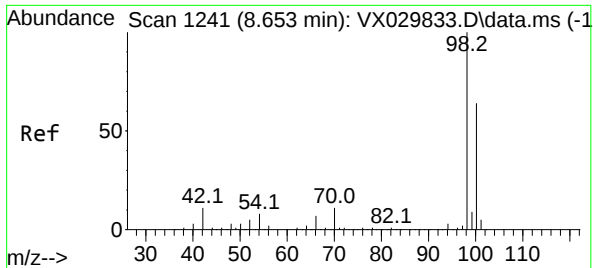
Tgt Ion: 75 Resp: 13277
Ion Ratio Lower Upper
75 100
110 9.2 19.3 57.9#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 7.562 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX030171.D
Acq: 21 Jul 2022 18:50

Tgt Ion: 117 Resp: 17161
Ion Ratio Lower Upper
117 100
119 6.4 74.1 111.1#
121 0.0 25.8 38.8#

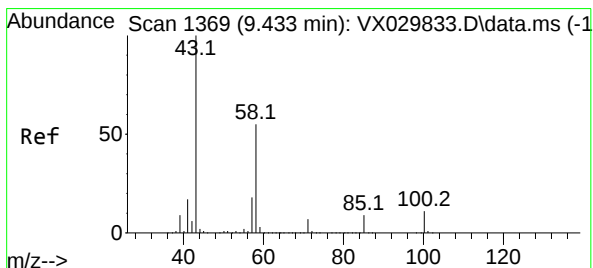
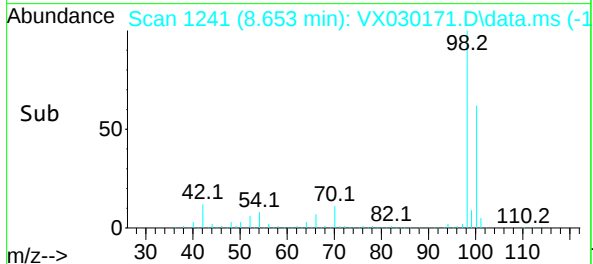
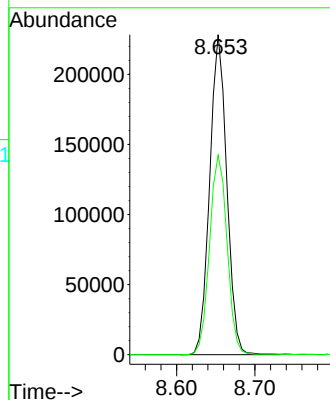
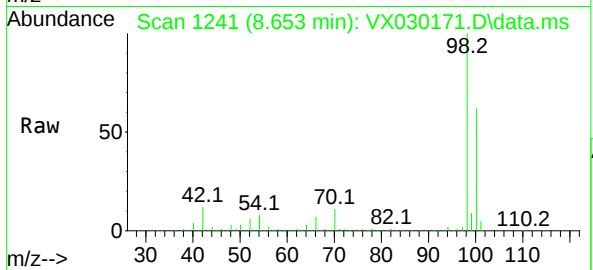




#50
Toluene-d8
Concen: 48.688 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX030171.D
Acq: 21 Jul 2022 18:50

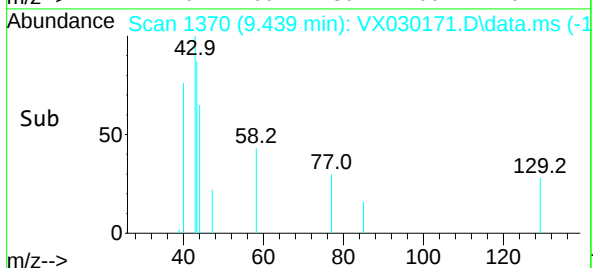
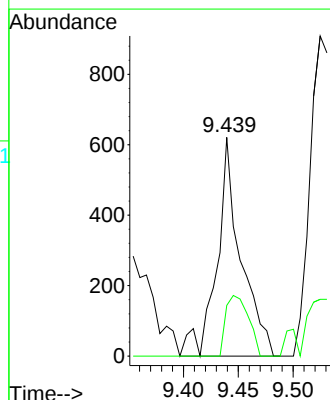
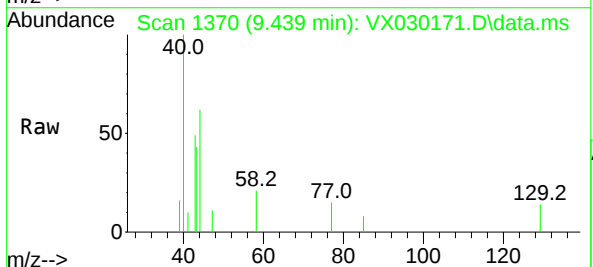
Instrument :
MSVOA_X
ClientSampleId :
EB-05-07152022

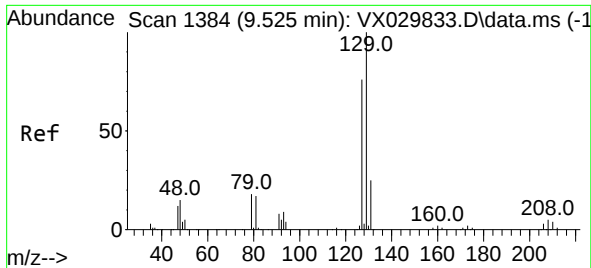
Tgt Ion: 98 Resp: 344977
Ion Ratio Lower Upper
98 100
100 64.2 52.3 78.5



#59
2-Hexanone
Concen: 0.396 ug/l
RT: 9.439 min Scan# 1370
Delta R.T. 0.006 min
Lab File: VX030171.D
Acq: 21 Jul 2022 18:50

Tgt Ion: 43 Resp: 944
Ion Ratio Lower Upper
43 100
58 26.2 27.6 82.8#

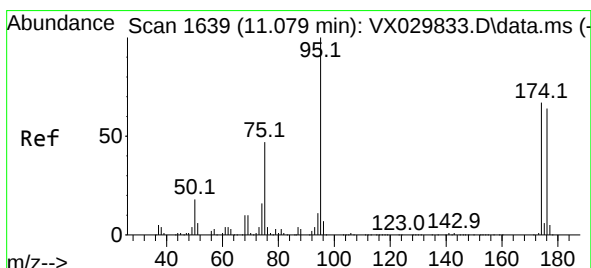
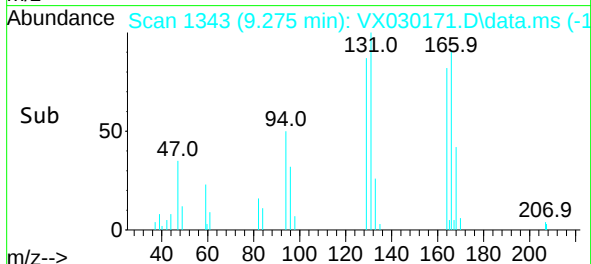
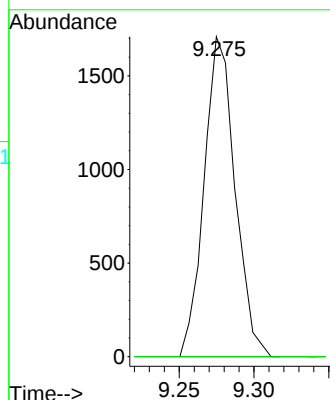
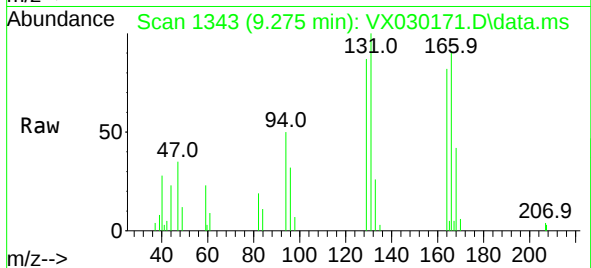




#60
Dibromochloromethane
Concen: 1.257 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.250 min
Lab File: VX030171.D
Acq: 21 Jul 2022 18:50

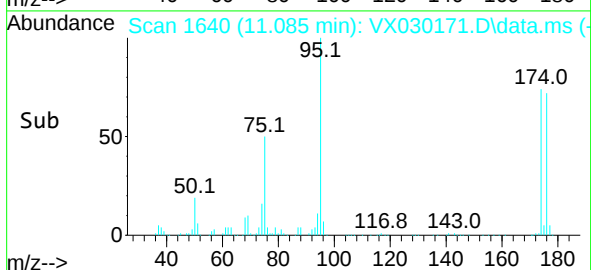
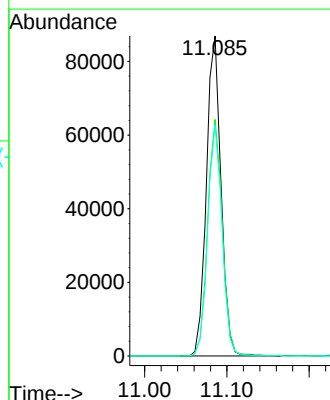
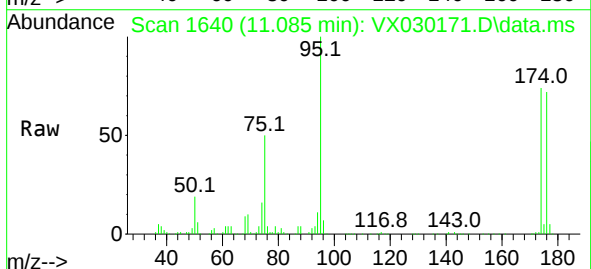
Instrument :
MSVOA_X
ClientSampleId :
EB-05-07152022

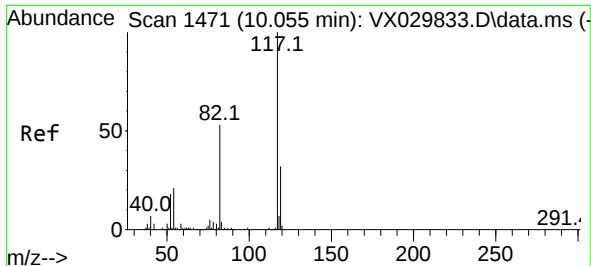
Tgt Ion:129 Resp: 2457
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.5#



#62
4-Bromofluorobenzene
Concen: 43.651 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX030171.D
Acq: 21 Jul 2022 18:50

Tgt Ion: 95 Resp: 107333
Ion Ratio Lower Upper
95 100
174 74.9 0.0 149.0
176 70.6 0.0 146.0

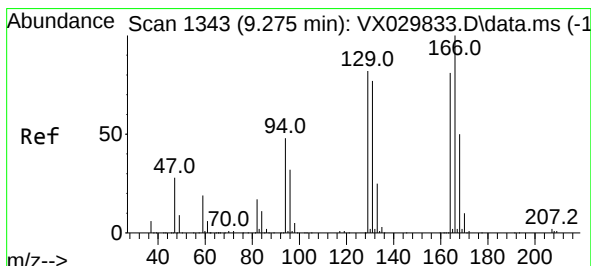
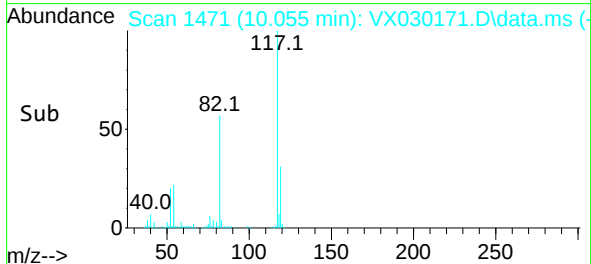
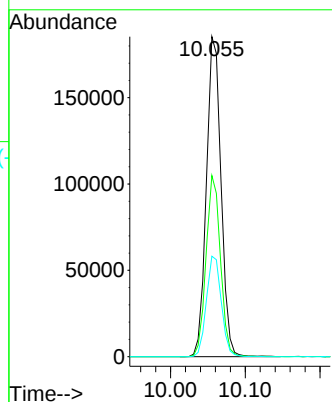
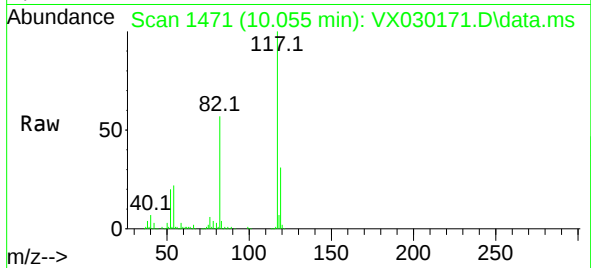




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030171.D
Acq: 21 Jul 2022 18:50

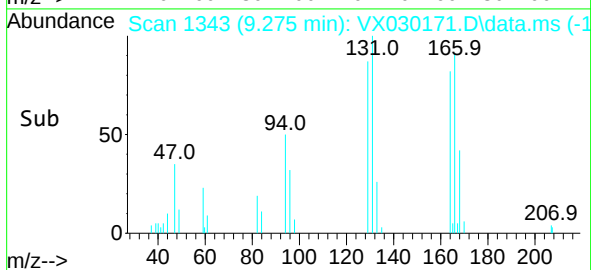
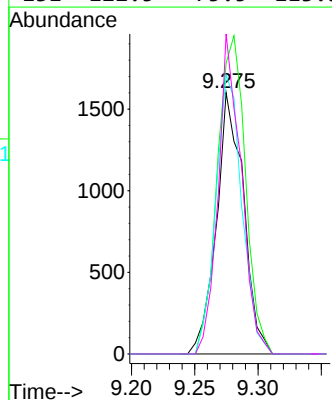
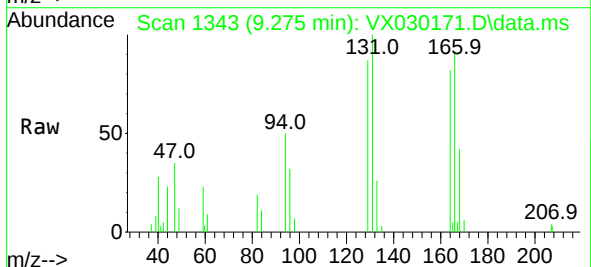
Instrument :
MSVOA_X
ClientSampleId :
EB-05-07152022

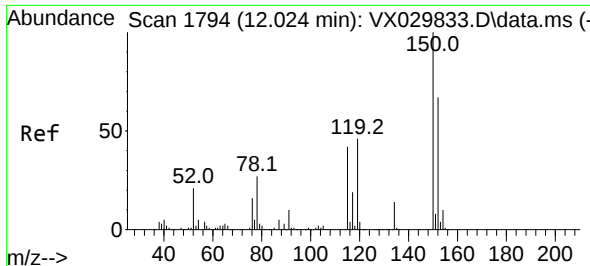
Tgt Ion:117 Resp: 251844
Ion Ratio Lower Upper
117 100
82 56.6 42.7 64.1
119 31.4 25.4 38.2



#64
Tetrachloroethene
Concen: 1.176 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX030171.D
Acq: 21 Jul 2022 18:50

Tgt Ion:164 Resp: 2377
Ion Ratio Lower Upper
164 100
166 111.3 98.2 147.4
129 106.7 80.8 121.2
131 122.5 75.5 113.3#

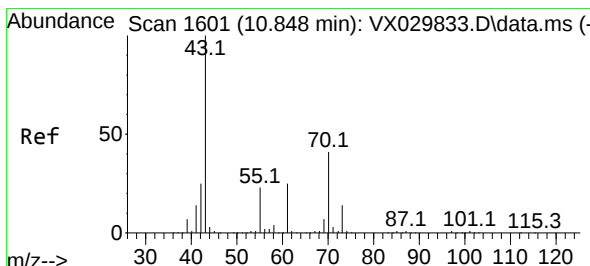
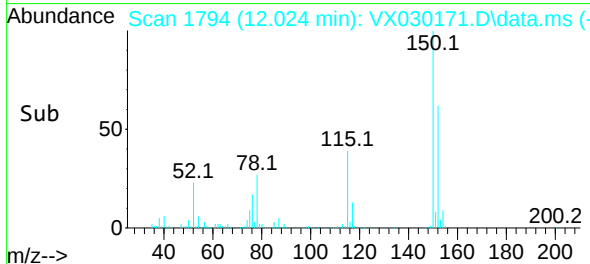
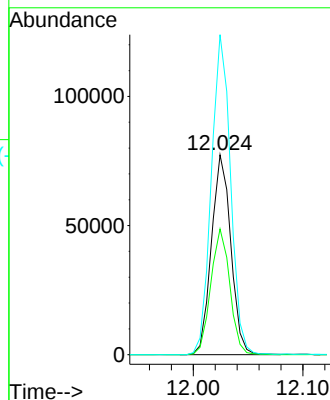
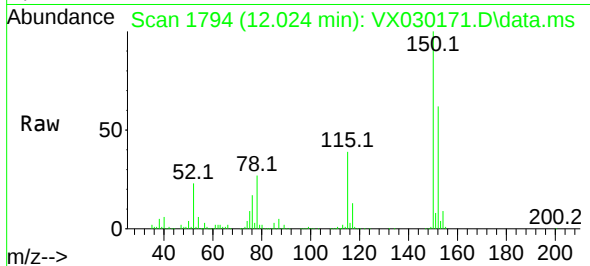




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX030171.D
Acq: 21 Jul 2022 18:50

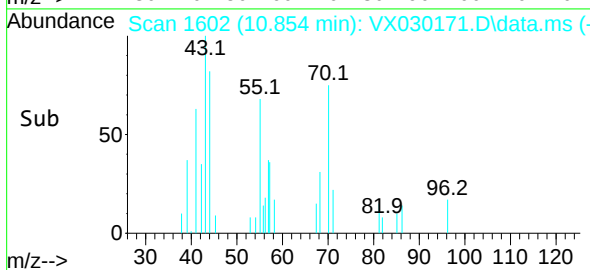
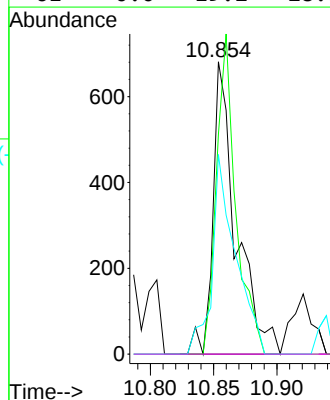
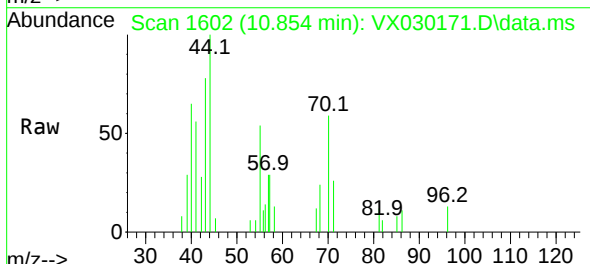
Instrument :
MSVOA_X
ClientSampleId :
EB-05-07152022

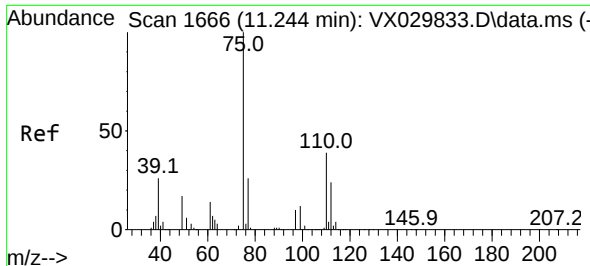
Tgt Ion:152 Resp: 95271
Ion Ratio Lower Upper
152 100
115 61.6 40.5 121.5
150 158.7 0.0 347.0



#74
N-ethyl acetate
Concen: 0.297 ug/l
RT: 10.854 min Scan# 1602
Delta R.T. 0.006 min
Lab File: VX030171.D
Acq: 21 Jul 2022 18:50

Tgt Ion: 43 Resp: 864
Ion Ratio Lower Upper
43 100
70 92.1 32.3 48.5#
55 69.6 18.4 27.6#
61 0.0 19.2 28.8#

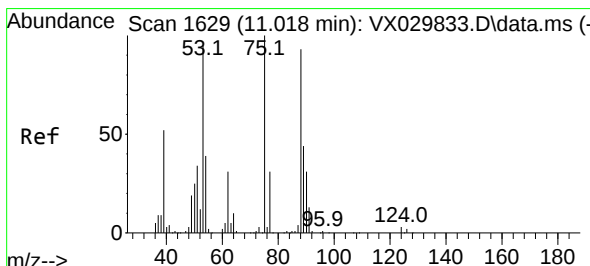
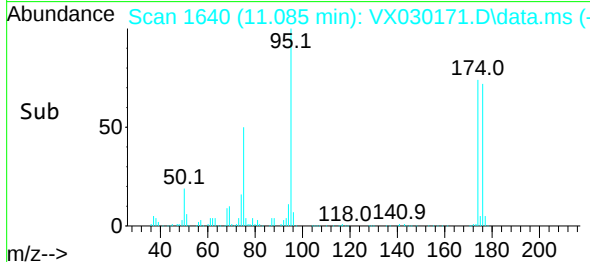
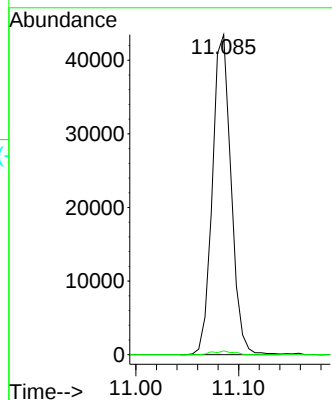
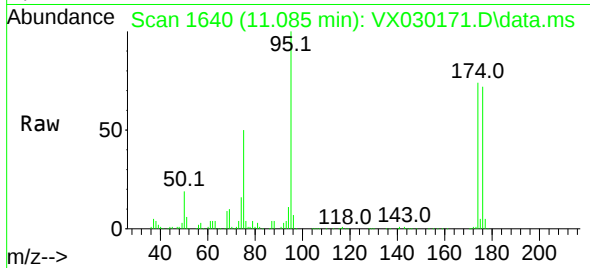




#76
1,2,3-Trichloropropane
Concen: 25.022 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX030171.D
Acq: 21 Jul 2022 18:50

Instrument :
MSVOA_X
ClientSampleId :
EB-05-07152022

Tgt Ion: 75 Resp: 54810
Ion Ratio Lower Upper
75 100
77 1.3 19.8 59.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 72.213 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX030171.D
Acq: 21 Jul 2022 18:50

Tgt Ion: 75 Resp: 54810
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.1 34.8 52.2#

