

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072622\
 Data File : VX030213.D
 Acq On : 26 Jul 2022 16:26
 Operator : JC/MD
 Sample : N3876-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EB-08-07202022

Quant Time: Jul 26 18:13:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 25 16:49:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	129594	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	233094	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	235569	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	125999	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	144842	55.607	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	111.220%
35) Dibromofluoromethane	5.391	113	114434	51.356	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.720%
50) Toluene-d8	8.653	98	418852	48.539	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.080%
62) 4-Bromofluorobenzene	11.085	95	142271	44.424	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.840%

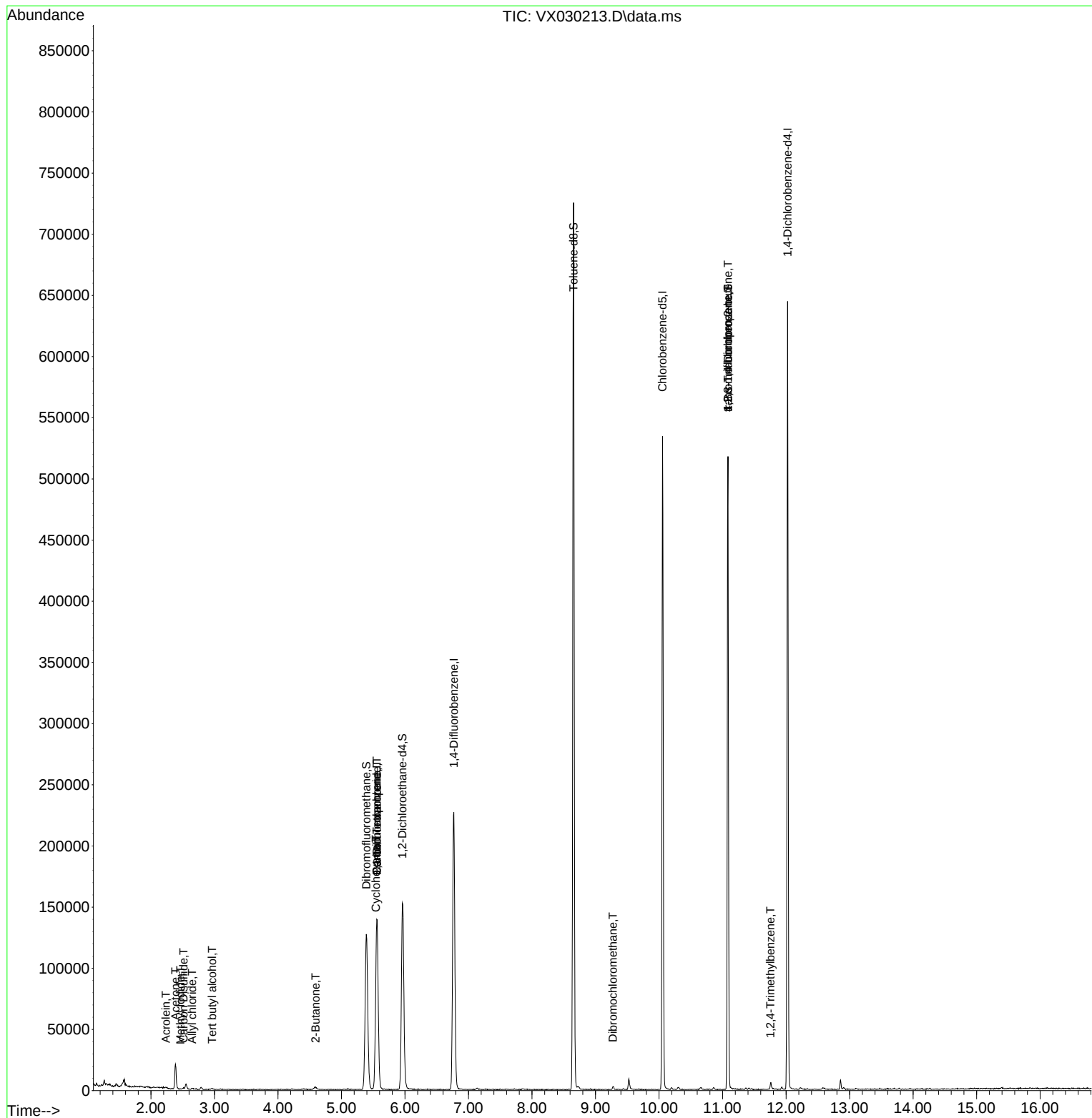
Target Compounds					Qvalue	
5) Bromomethane	1.617	94	284	Below Cal	#	54
10) Methyl Iodide	2.465	142	322	1.680	ug/l #	79
11) Tert butyl alcohol	2.965	59	412	0.648	ug/l #	74
13) Acrolein	2.233	56	38	0.243	ug/l #	14
14) Allyl chloride	2.648	41	940	0.225	ug/l #	49
16) Acetone	2.385	43	21873	16.402	ug/l	93
17) Carbon Disulfide	2.514	76	1192	0.218	ug/l	97
20) Methylene Chloride	2.794	84	739	Below Cal	#	88
25) 2-Butanone	4.592	43	3632	1.621	ug/l	90
31) Cyclohexane	5.543	56	2894	0.765	ug/l #	44
36) 1,1-Dichloropropene	5.556	75	11287	3.520	ug/l #	48
38) Carbon Tetrachloride	5.556	117	13690	4.573	ug/l #	19
60) Dibromochloromethane	9.274	129	510	0.210	ug/l #	11
67) Ethyl Benzene	10.195	91	906	Below Cal	#	84
76) 1,2,3-Trichloropropane	11.085	75	70423	21.204	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	70423	63.609	ug/l #	13
84) 1,2,4-Trimethylbenzene	11.756	105	1937	0.236	ug/l #	39

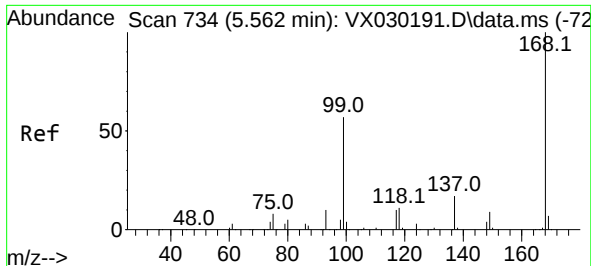
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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EB-08-072022

Quant Time: Jul 26 18:13:31 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 25 16:49:17 2022
Response via : Initial Calibration

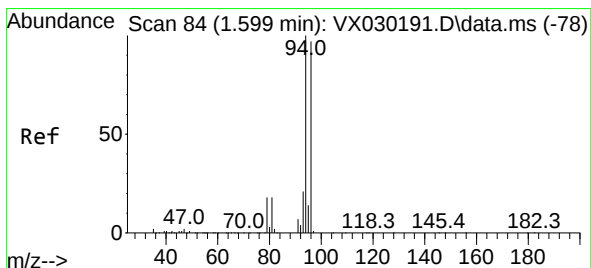
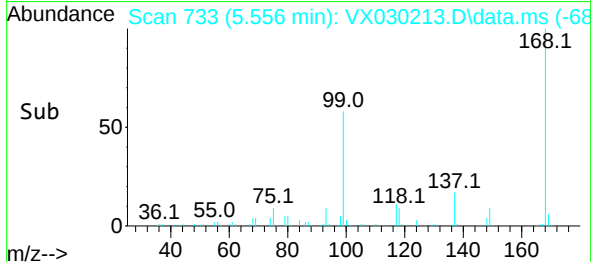
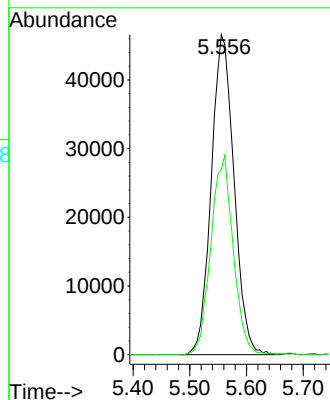
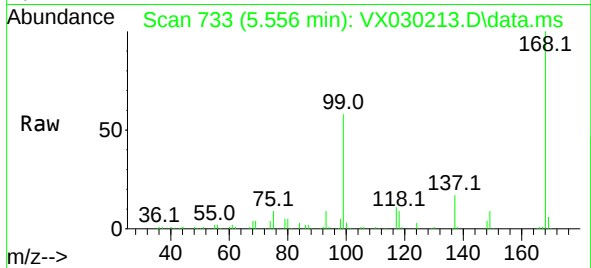




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX030213.D
Acq: 26 Jul 2022 16:26

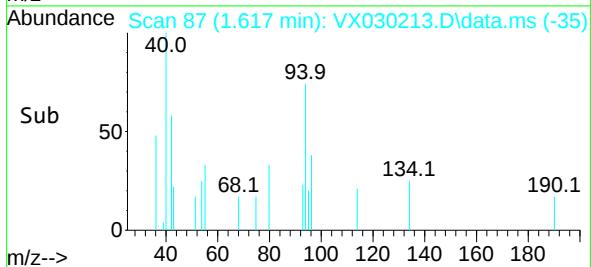
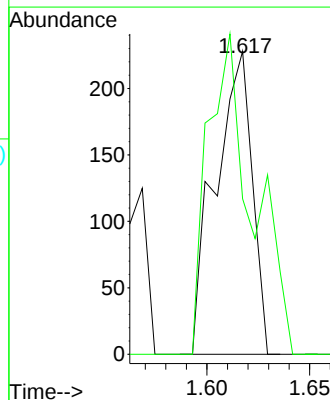
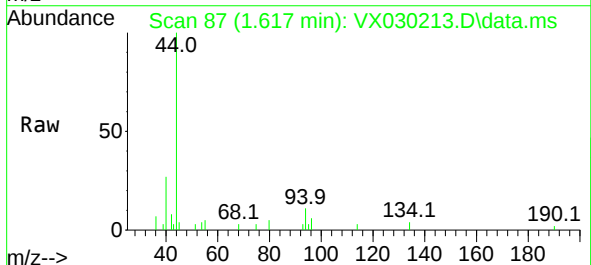
Instrument :
MSVOA_X
ClientSampleId :
EB-08-07202022

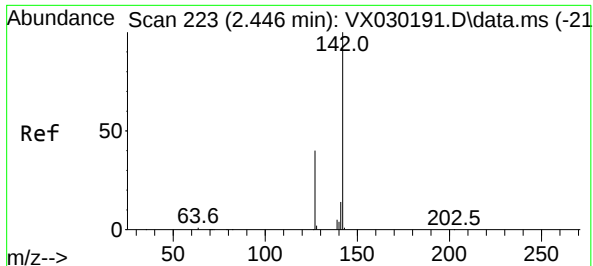
Tgt Ion:168 Resp: 129594
Ion Ratio Lower Upper
168 100
99 57.9 44.0 66.0



#5
Bromomethane
Concen: Below Cal
RT: 1.617 min Scan# 87
Delta R.T. 0.018 min
Lab File: VX030213.D
Acq: 26 Jul 2022 16:26

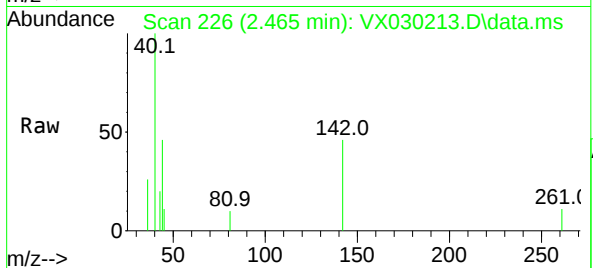
Tgt Ion: 94 Resp: 284
Ion Ratio Lower Upper
94 100
96 51.3 76.9 115.3#



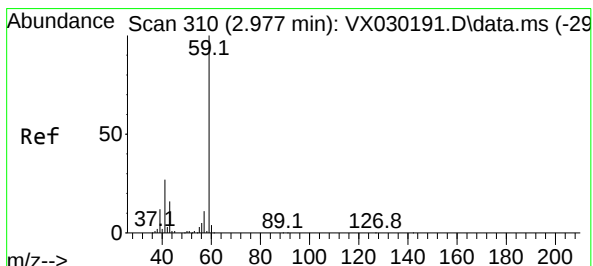
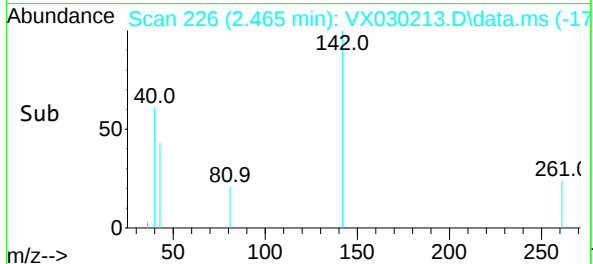
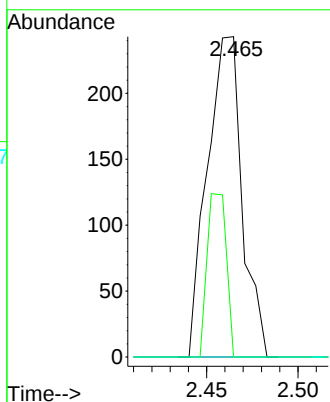


#10
Methyl Iodide
Concen: 1.680 ug/l
RT: 2.465 min Scan# 21
Delta R.T. 0.019 min
Lab File: VX030213.D
Acq: 26 Jul 2022 16:26

Instrument :
MSVOA_X
ClientSampleId :
EB-08-072022

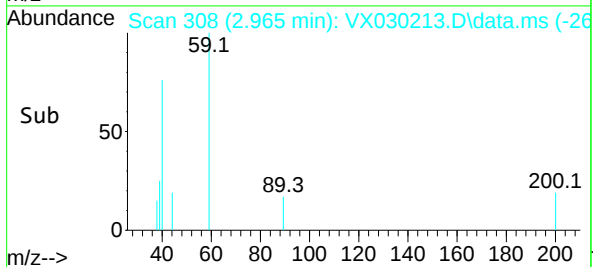
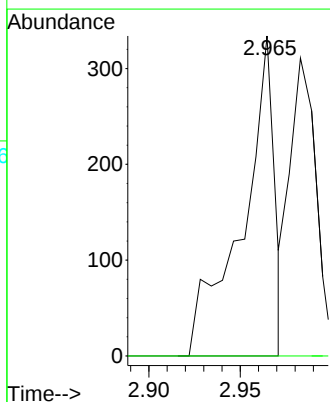
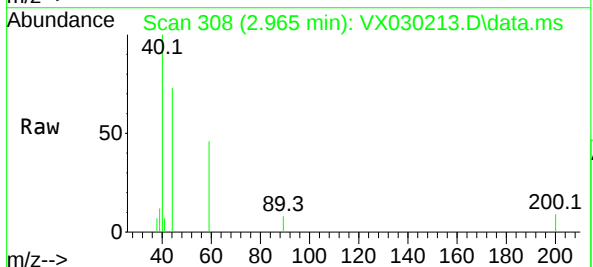


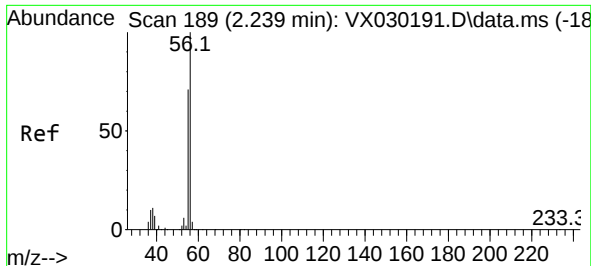
Tgt Ion:142 Resp: 322
Ion Ratio Lower Upper
142 100
127 28.0 30.2 45.2#
141 0.0 11.3 16.9#



#11
Tert butyl alcohol
Concen: 0.648 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.012 min
Lab File: VX030213.D
Acq: 26 Jul 2022 16:26

Tgt Ion: 59 Resp: 412
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

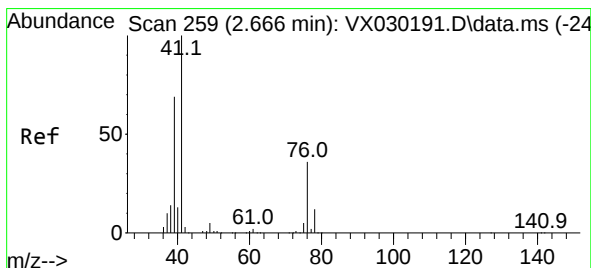
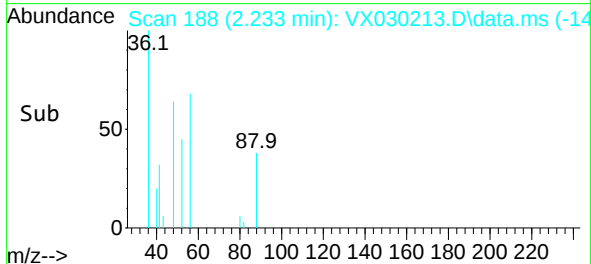
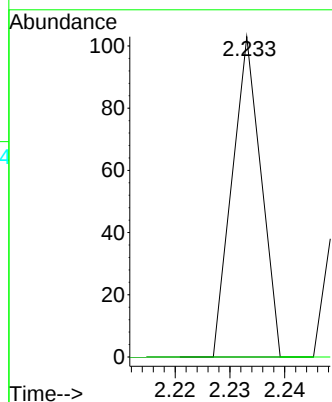
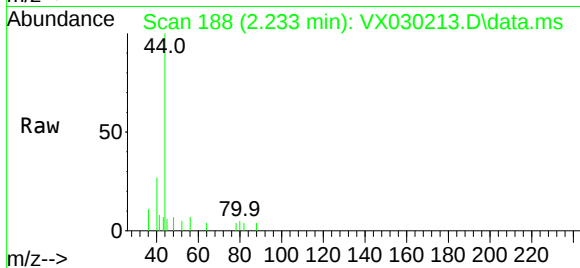




#13
Acrolein
Concen: 0.243 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX030213.D
Acq: 26 Jul 2022 16:26

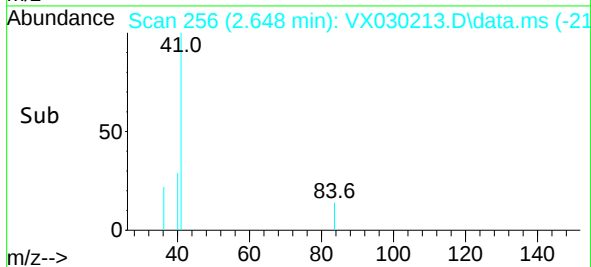
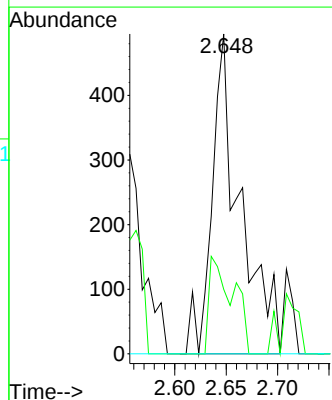
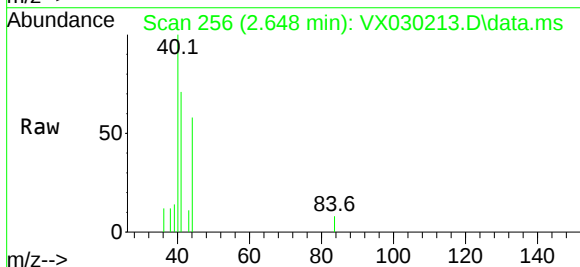
Instrument :
MSVOA_X
ClientSampleId :
EB-08-07202022

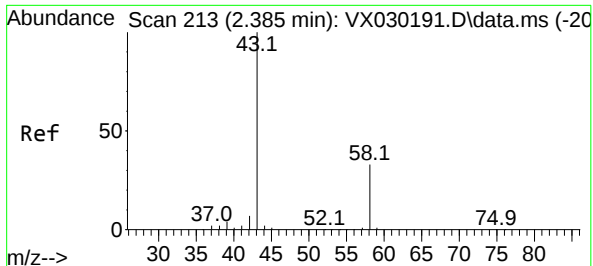
Tgt Ion: 56 Resp: 38
Ion Ratio Lower Upper
56 100
55 0.0 56.6 84.8#



#14
Allyl chloride
Concen: 0.225 ug/l
RT: 2.648 min Scan# 256
Delta R.T. -0.018 min
Lab File: VX030213.D
Acq: 26 Jul 2022 16:26

Tgt Ion: 41 Resp: 940
Ion Ratio Lower Upper
41 100
39 25.9 48.9 73.3#
76 0.0 26.9 40.3#

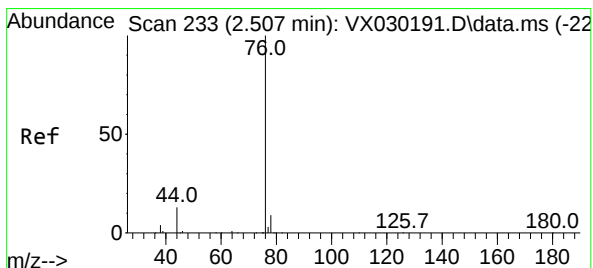
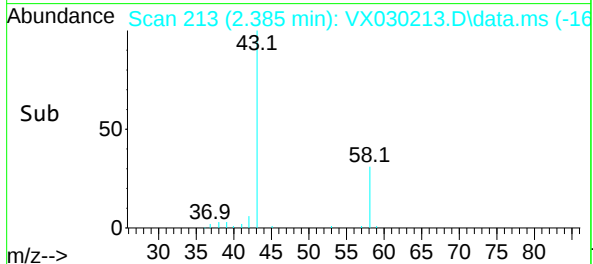
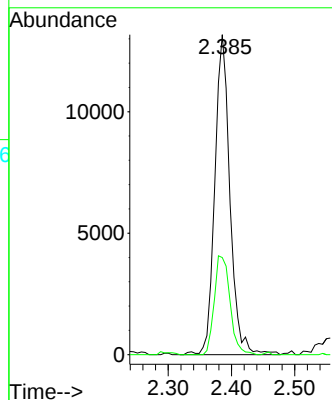
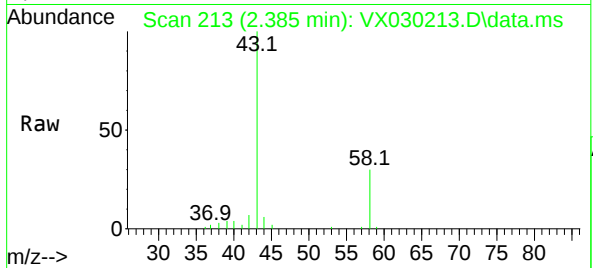




#16
Acetone
Concen: 16.402 ug/l
RT: 2.385 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX030213.D
Acq: 26 Jul 2022 16:26

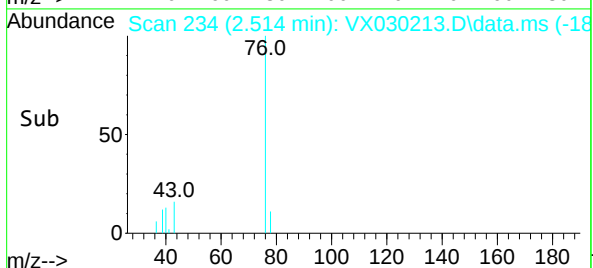
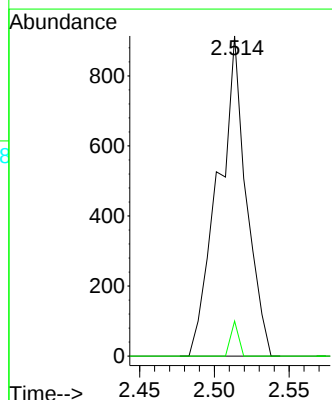
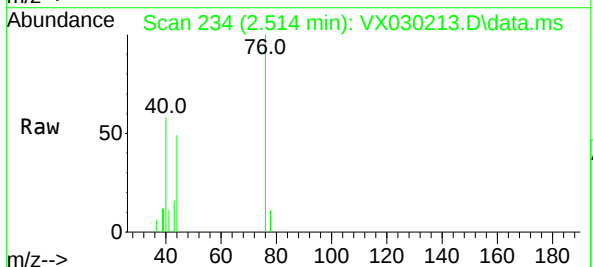
Instrument :
MSVOA_X
ClientSampleId :
EB-08-072022

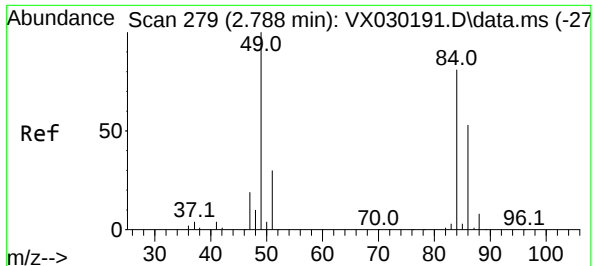
Tgt Ion: 43 Resp: 21873
Ion Ratio Lower Upper
43 100
58 30.3 27.7 41.5



#17
Carbon Disulfide
Concen: 0.218 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.006 min
Lab File: VX030213.D
Acq: 26 Jul 2022 16:26

Tgt Ion: 76 Resp: 1192
Ion Ratio Lower Upper
76 100
78 10.9 7.8 11.6



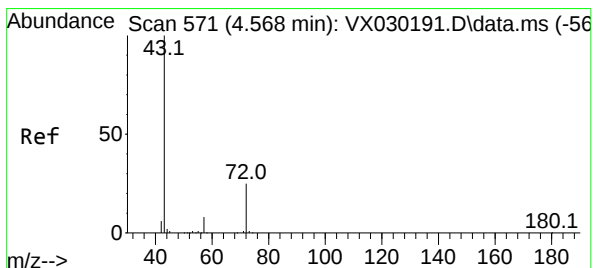
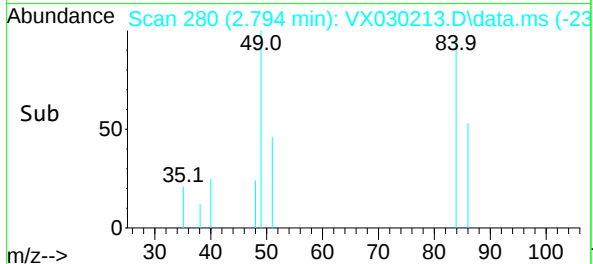
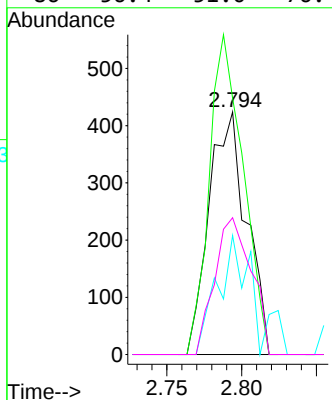
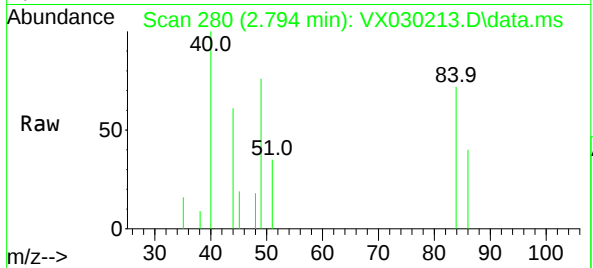


#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX030213.D
Acq: 26 Jul 2022 16:26

Instrument :
MSVOA_X
ClientSampleId :
EB-08-07202022

Tgt Ion: 84 Resp: 739

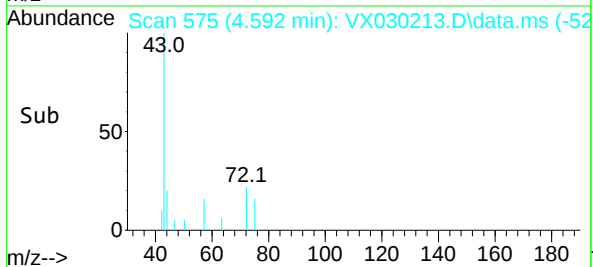
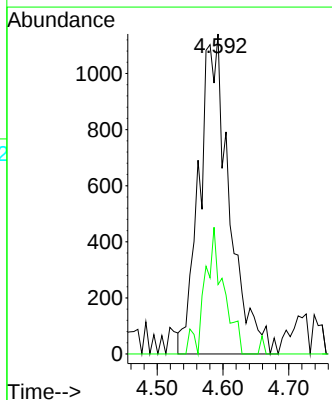
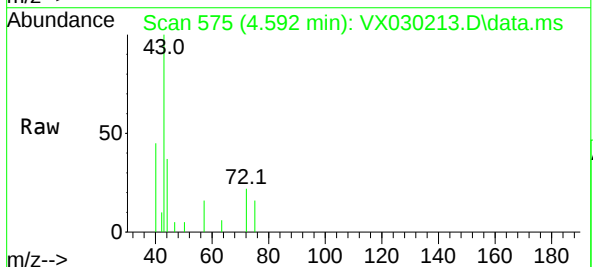
Ion	Ratio	Lower	Upper
84	100		
49	105.7	93.8	140.6
51	49.1	29.4	44.0
86	56.4	51.0	76.4

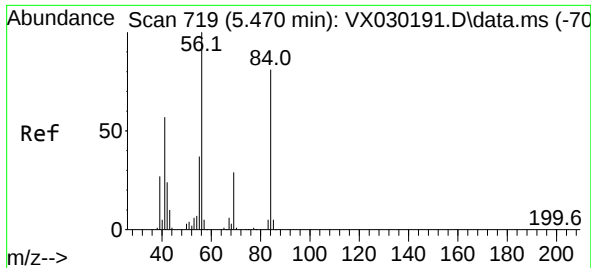


#25
2-Butanone
Concen: 1.621 ug/l
RT: 4.592 min Scan# 575
Delta R.T. 0.024 min
Lab File: VX030213.D
Acq: 26 Jul 2022 16:26

Tgt Ion: 43 Resp: 3632

Ion	Ratio	Lower	Upper
43	100		
72	21.7	21.7	32.5

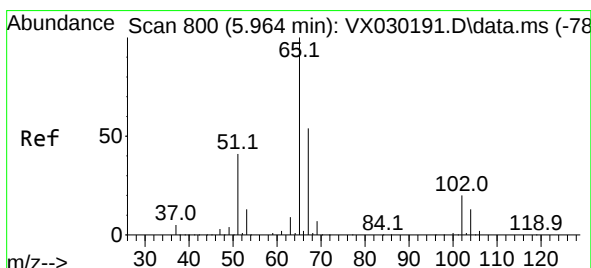
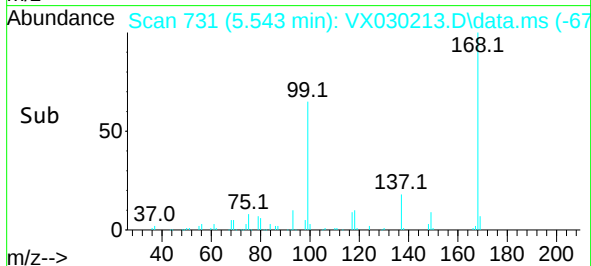
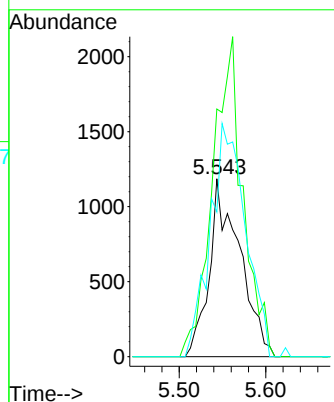
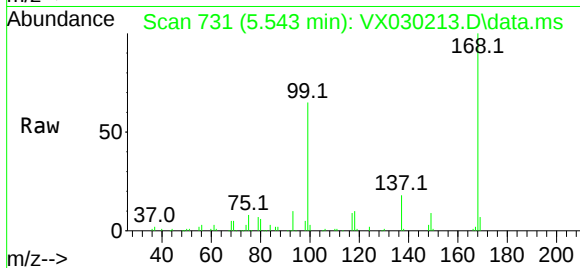




#31
Cyclohexane
Concen: 0.765 ug/l
RT: 5.543 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX030213.D
Acq: 26 Jul 2022 16:26

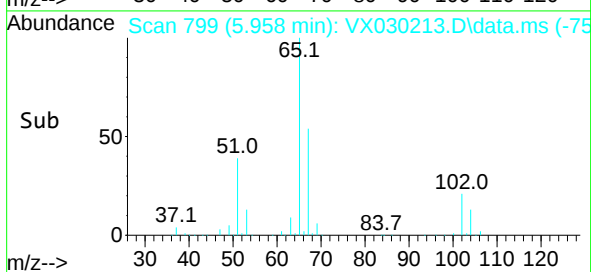
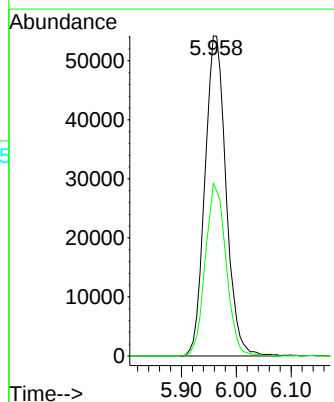
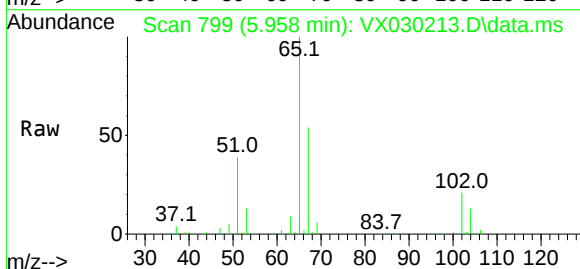
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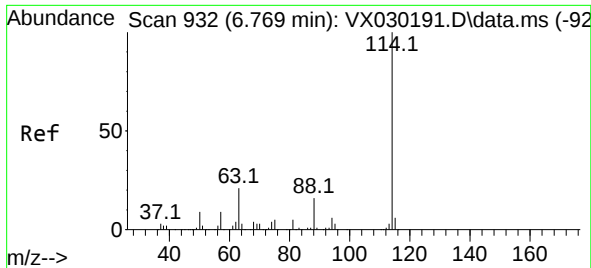
Tgt Ion: 56 Resp: 2894
Ion Ratio Lower Upper
56 100
69 139.2 25.4 38.0#
84 81.3 68.9 103.3



#33
1,2-Dichloroethane-d4
Concen: 55.607 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX030213.D
Acq: 26 Jul 2022 16:26

Tgt Ion: 65 Resp: 144842
Ion Ratio Lower Upper
65 100
67 52.9 0.0 109.6

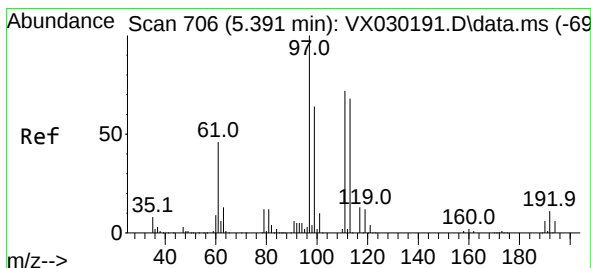
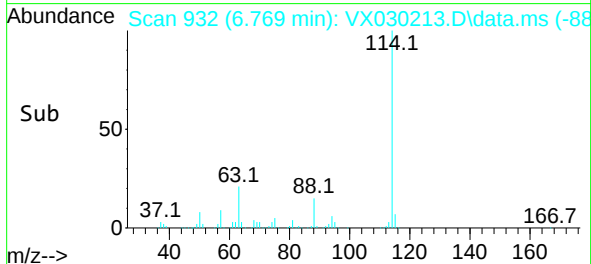
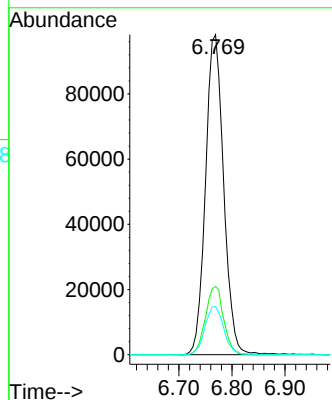
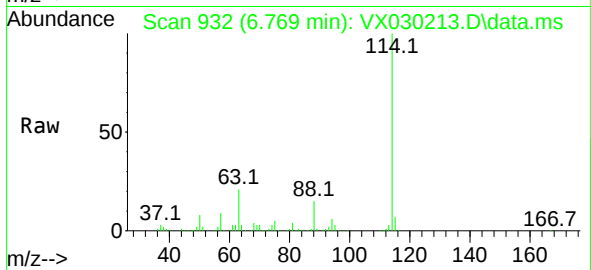




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX030213.D
Acq: 26 Jul 2022 16:26

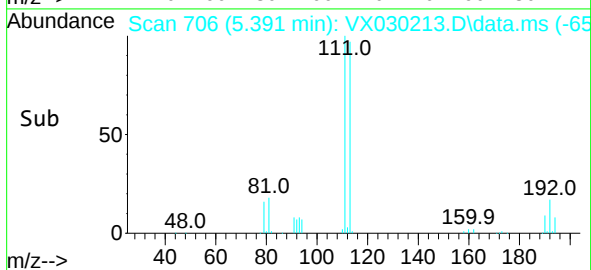
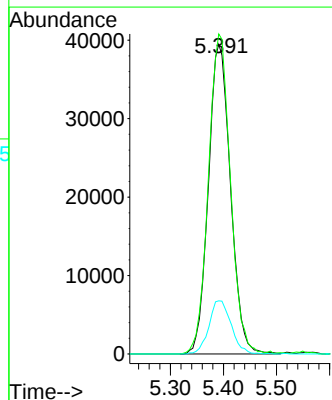
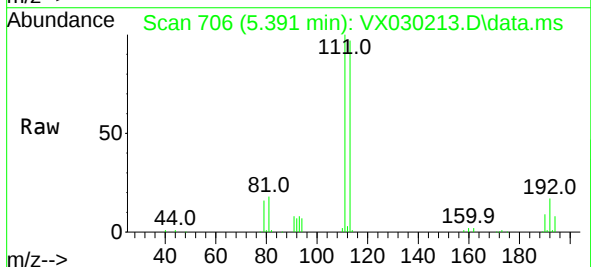
Instrument :
MSVOA_X
ClientSampleId :
EB-08-07202022

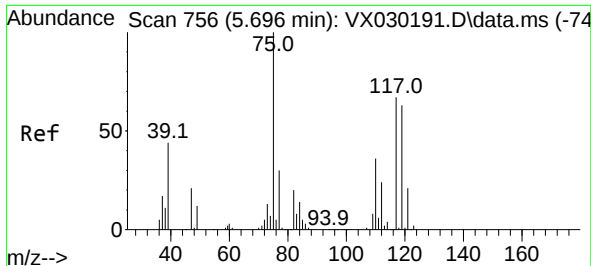
Tgt Ion:114 Resp: 233094
Ion Ratio Lower Upper
114 100
63 21.3 0.0 38.4
88 15.1 0.0 31.8



#35
Dibromofluoromethane
Concen: 51.356 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX030213.D
Acq: 26 Jul 2022 16:26

Tgt Ion:113 Resp: 114434
Ion Ratio Lower Upper
113 100
111 103.0 83.2 124.8
192 17.2 14.8 22.2

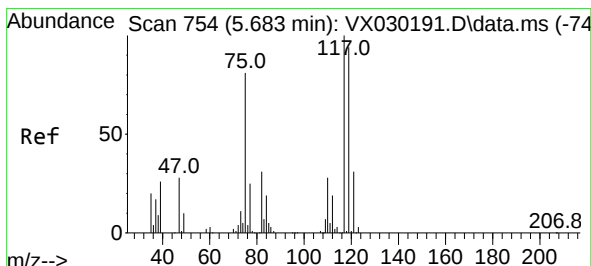
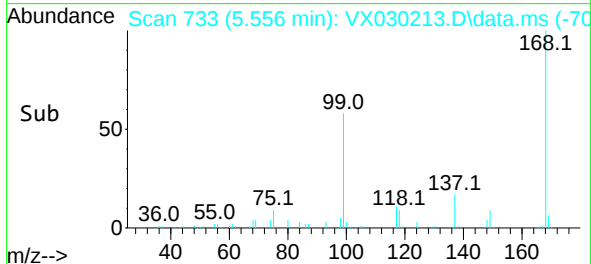
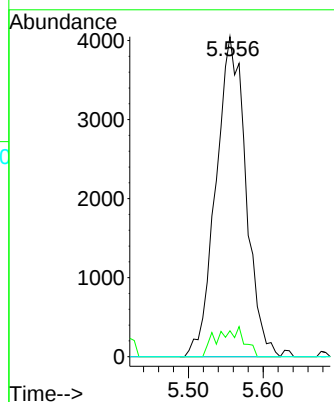
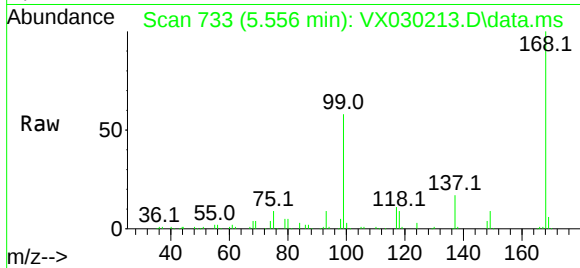




#36
1,1-Dichloropropene
Concen: 3.520 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.140 min
Lab File: VX030213.D
Acq: 26 Jul 2022 16:26

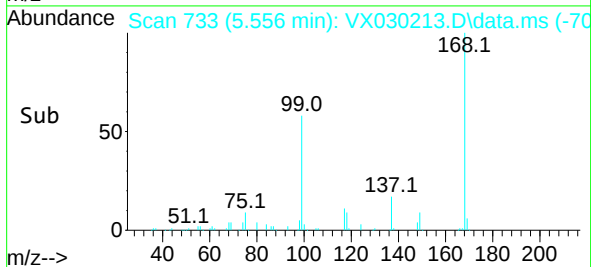
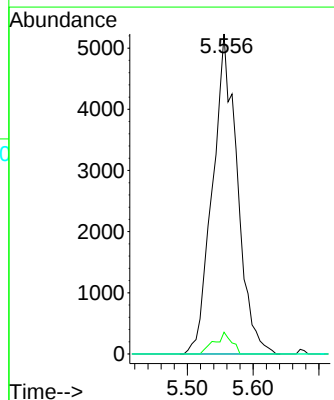
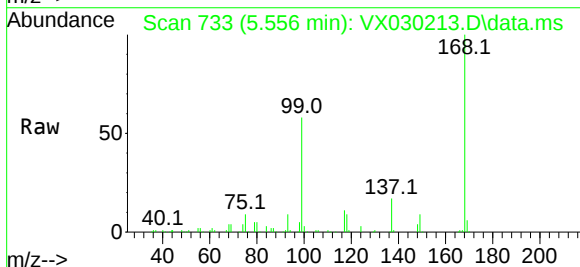
Instrument :
MSVOA_X
ClientSampleId :
EB-08-07202022

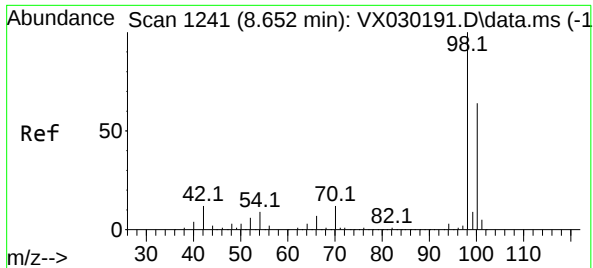
Tgt Ion: 75 Resp: 11287
Ion Ratio Lower Upper
75 100
110 8.4 19.3 57.9#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 4.573 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.127 min
Lab File: VX030213.D
Acq: 26 Jul 2022 16:26

Tgt Ion: 117 Resp: 13690
Ion Ratio Lower Upper
117 100
119 6.8 74.1 111.1#
121 0.0 25.8 38.8#

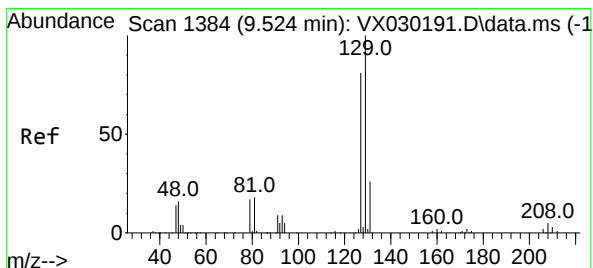
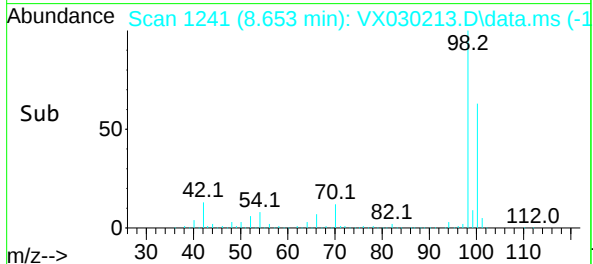
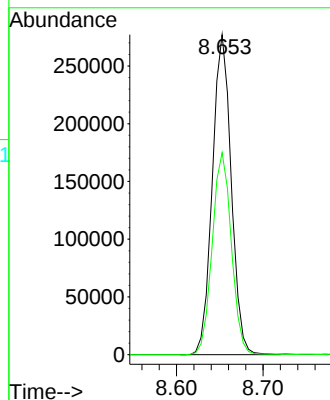
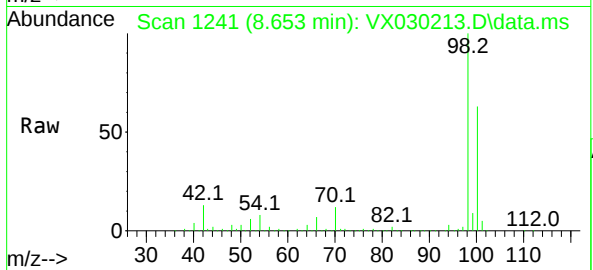




#50
Toluene-d8
Concen: 48.539 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX030213.D
Acq: 26 Jul 2022 16:26

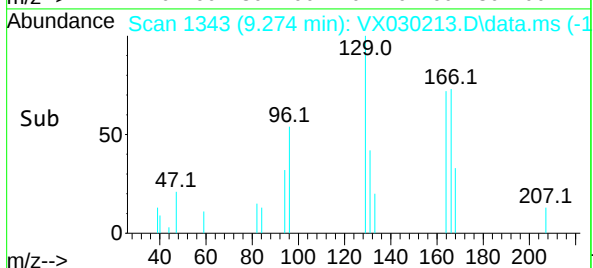
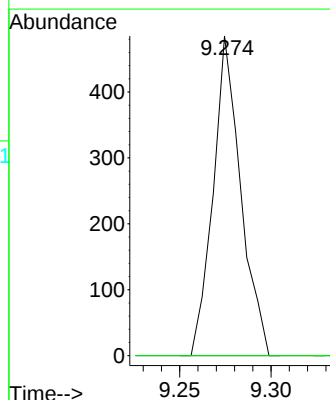
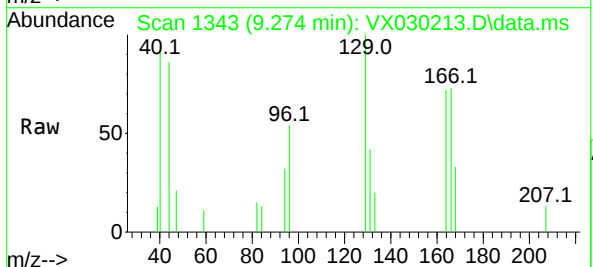
Instrument :
MSVOA_X
ClientSampleId :
EB-08-07202022

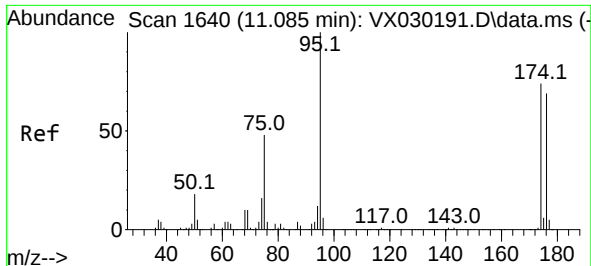
Tgt Ion: 98 Resp: 418852
Ion Ratio Lower Upper
98 100
100 64.1 52.3 78.5



#60
Dibromochloromethane
Concen: 0.210 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX030213.D
Acq: 26 Jul 2022 16:26

Tgt Ion: 129 Resp: 510
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.5#

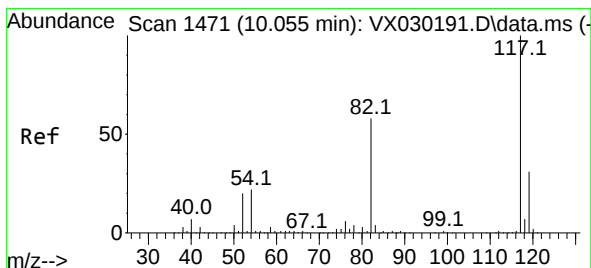
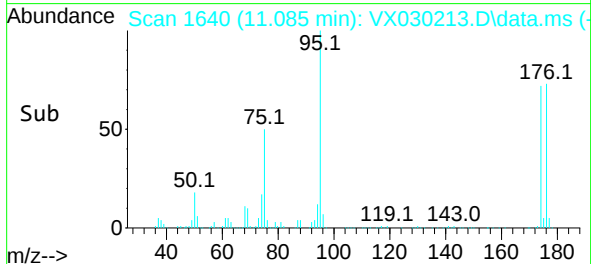
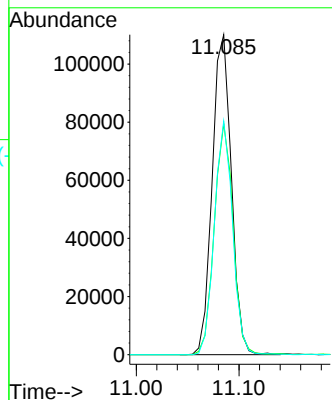
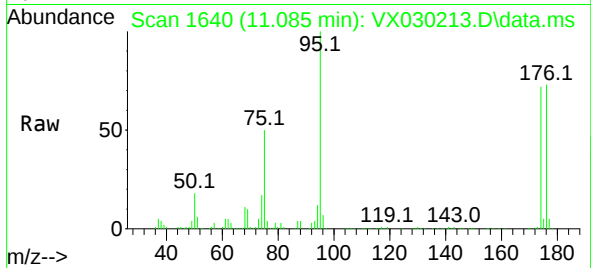




#62
4-Bromofluorobenzene
Concen: 44.424 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX030213.D
Acq: 26 Jul 2022 16:26

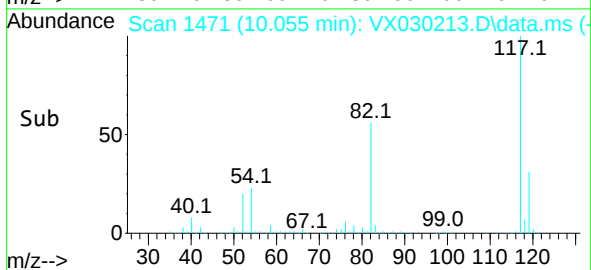
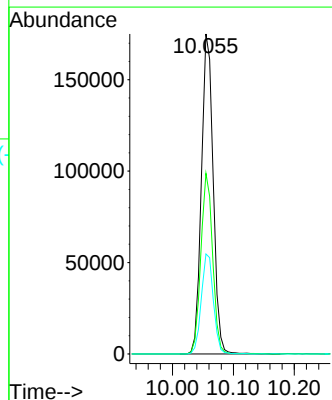
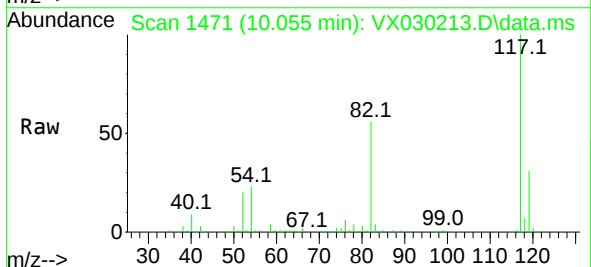
Instrument :
MSVOA_X
ClientSampleId :
EB-08-072022

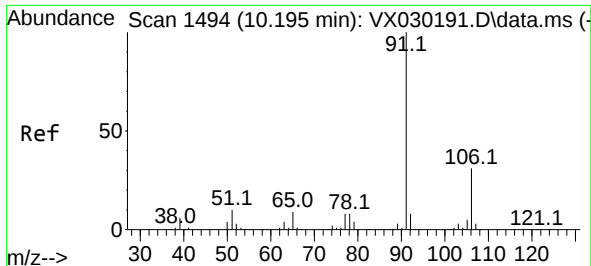
Tgt Ion: 95 Resp: 142271
Ion Ratio Lower Upper
95 100
174 70.8 0.0 149.0
176 69.5 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX030213.D
Acq: 26 Jul 2022 16:26

Tgt Ion: 117 Resp: 235569
Ion Ratio Lower Upper
117 100
82 56.4 42.7 64.1
119 31.2 25.4 38.2

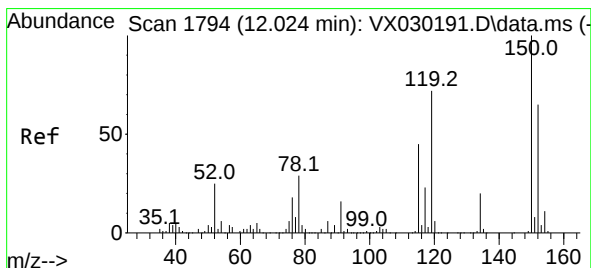
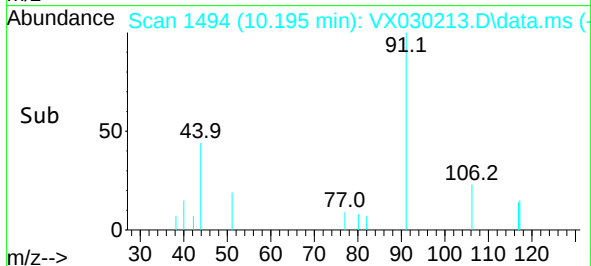
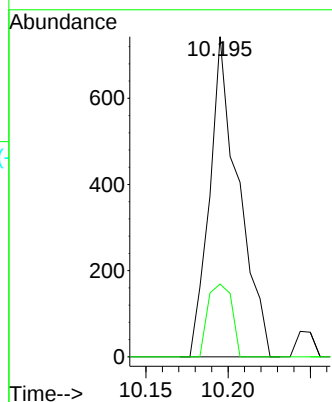
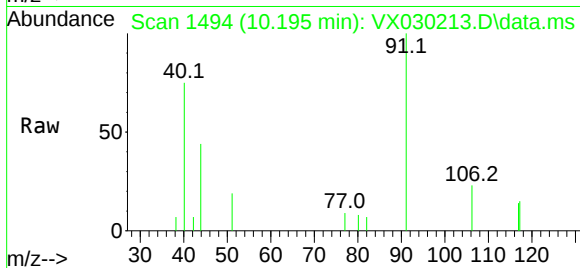




#67
Ethyl Benzene
Concen: Below Cal
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX030213.D
Acq: 26 Jul 2022 16:26

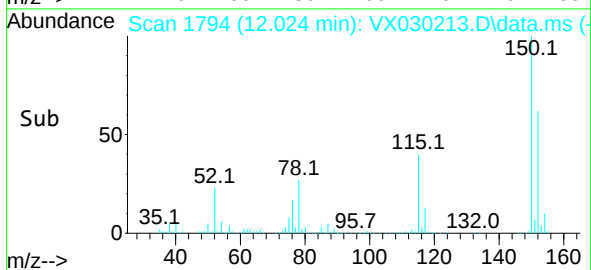
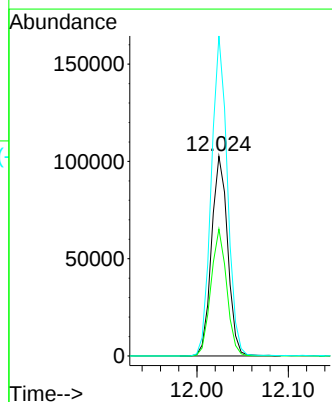
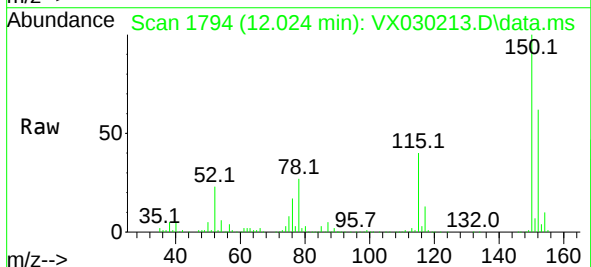
Instrument :
MSVOA_X
ClientSampleId :
EB-08-072022

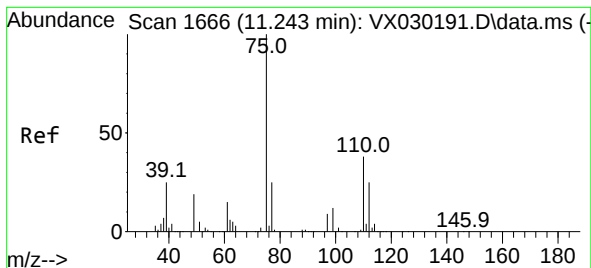
Tgt Ion: 91 Resp: 906
Ion Ratio Lower Upper
91 100
106 22.7 25.5 38.3#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX030213.D
Acq: 26 Jul 2022 16:26

Tgt Ion:152 Resp: 125999
Ion Ratio Lower Upper
152 100
115 61.9 40.5 121.5
150 158.9 0.0 347.0





#76

1,2,3-Trichloropropane

Concen: 21.204 ug/l

RT: 11.085 min Scan# 1

Delta R.T. -0.158 min

Lab File: VX030213.D

Acq: 26 Jul 2022 16:26

Instrument :

MSVOA_X

ClientSampleId :

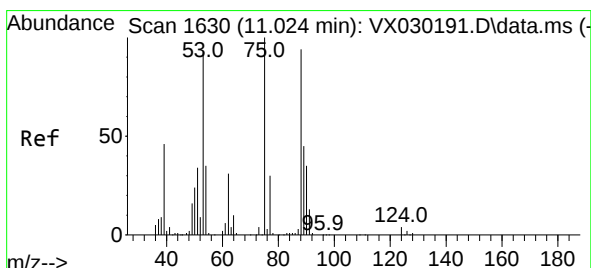
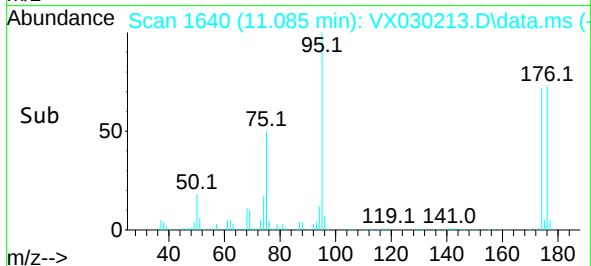
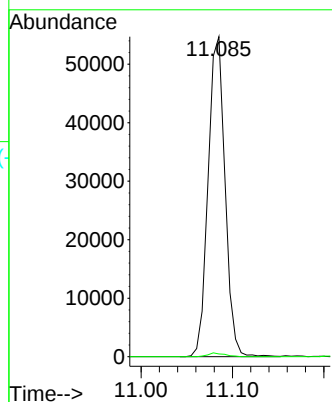
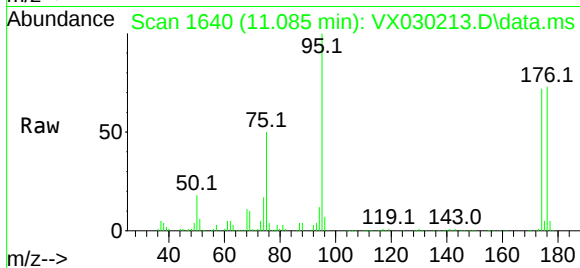
EB-08-07202022

Tgt Ion: 75 Resp: 70423

Ion Ratio Lower Upper

75 100

77 1.2 19.8 59.3#



#81

trans-1,4-Dichloro-2-butene

Concen: 63.609 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.061 min

Lab File: VX030213.D

Acq: 26 Jul 2022 16:26

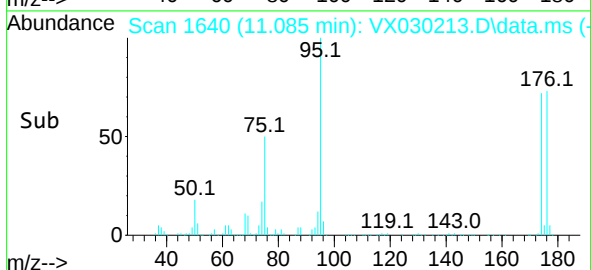
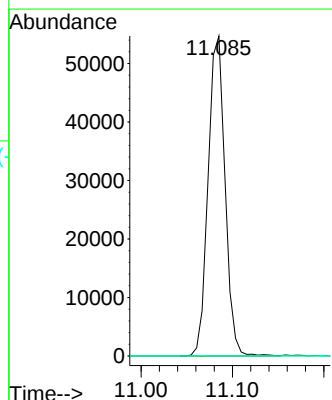
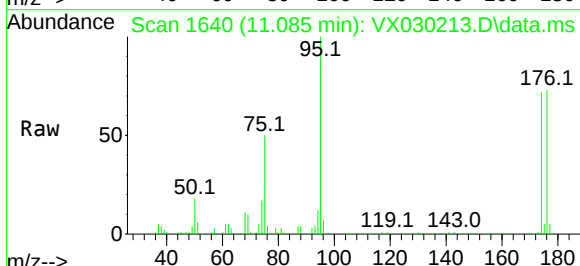
Tgt Ion: 75 Resp: 70423

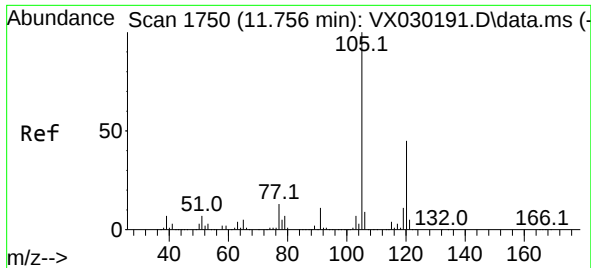
Ion Ratio Lower Upper

75 100

53 0.0 74.2 111.4#

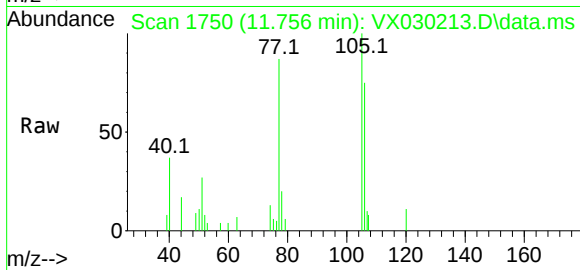
89 0.1 34.8 52.2#





#84
 1,2,4-Trimethylbenzene
 Concen: 0.236 ug/l
 RT: 11.756 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX030213.D
 Acq: 26 Jul 2022 16:26

Instrument :
 MSVOA_X
 ClientSampleId :
 EB-08-07202022



Tgt Ion:105 Resp: 1937
 Ion Ratio Lower Upper
 105 100
 120 5.8 22.9 68.8#

