

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072722\
 Data File : VX030233.D
 Acq On : 27 Jul 2022 15:51
 Operator : JC/MD
 Sample : N3765-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EB-06-07182022

Quant Time: Jul 28 05:51:18 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)

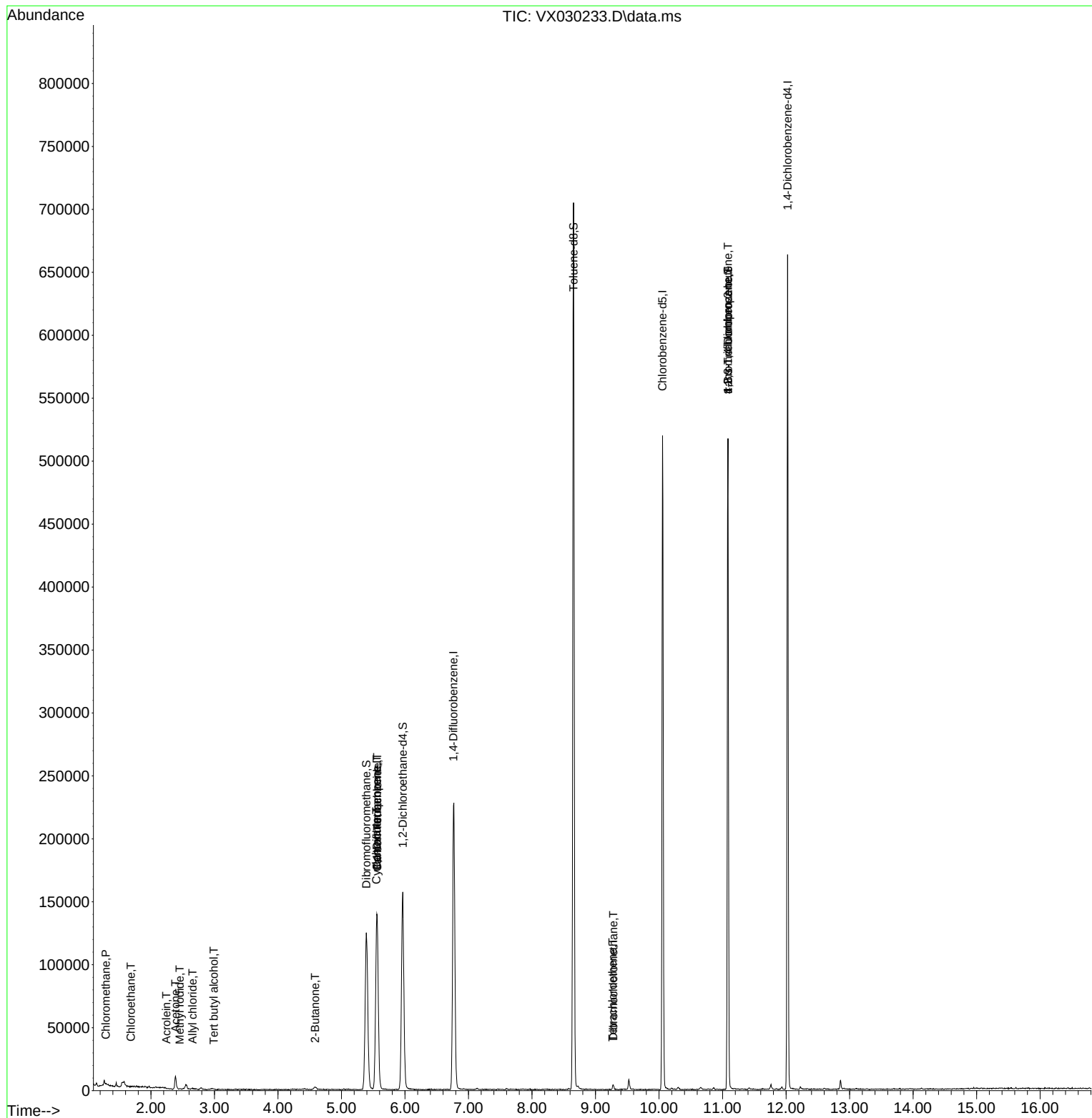
Internal Standards						
1) Pentafluorobenzene	5.556	168	129902	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	229764	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	227981	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	125181	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	143424	54.932	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.860%	
35) Dibromofluoromethane	5.391	113	112753	51.335	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.660%	
50) Toluene-d8	8.653	98	408277	47.999	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 96.000%	
62) 4-Bromofluorobenzene	11.085	95	140687	44.567	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 89.140%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	441	0.209	ug/l	91
5) Bromomethane	1.599	94	252	Below Cal	#	41
6) Chloroethane	1.685	64	269	0.220	ug/l #	41
10) Methyl Iodide	2.453	142	210	1.626	ug/l #	88
11) Tert butyl alcohol	2.989	59	411	0.645	ug/l #	74
13) Acrolein	2.239	56	45	0.287	ug/l #	14
14) Allyl chloride	2.654	41	1041	0.249	ug/l #	53
16) Acetone	2.386	43	10429	7.802	ug/l	97
20) Methylene Chloride	2.794	84	654	Below Cal	#	58
25) 2-Butanone	4.587	43	3618	1.611	ug/l	94
31) Cyclohexane	5.550	56	1618	0.427	ug/l #	3
36) 1,1-Dichloropropene	5.556	75	11274	3.567	ug/l #	48
38) Carbon Tetrachloride	5.562	117	13451	4.558	ug/l #	17
60) Dibromochloromethane	9.281	129	650	0.272	ug/l #	11
64) Tetrachloroethene	9.269	164	755	0.308	ug/l #	47
67) Ethyl Benzene	10.189	91	584	Below Cal		89
76) 1,2,3-Trichloropropane	11.085	75	71191	21.575	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	71191	64.723	ug/l #	13

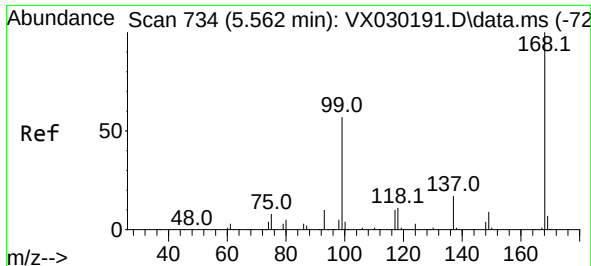
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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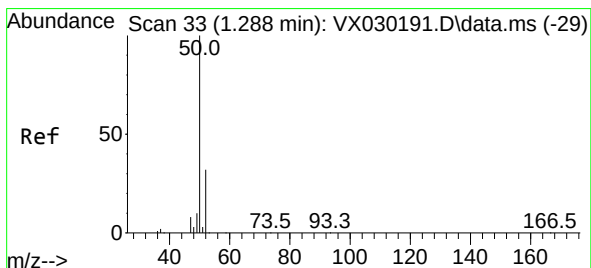
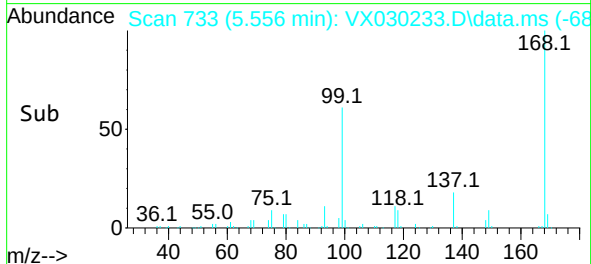
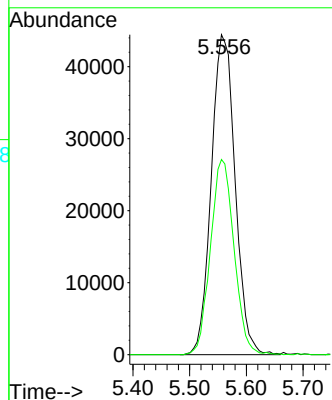
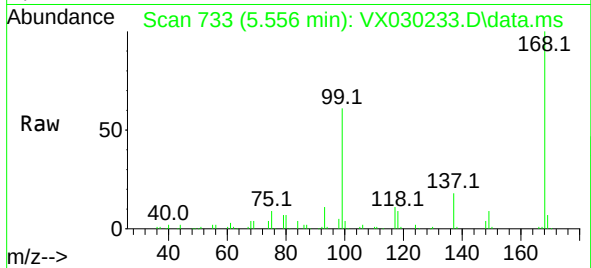




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX030233.D
Acq: 27 Jul 2022 15:51

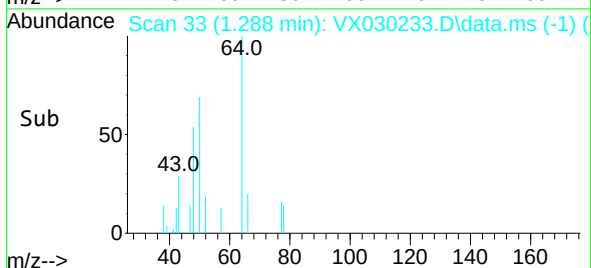
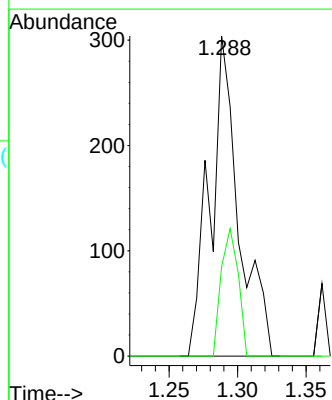
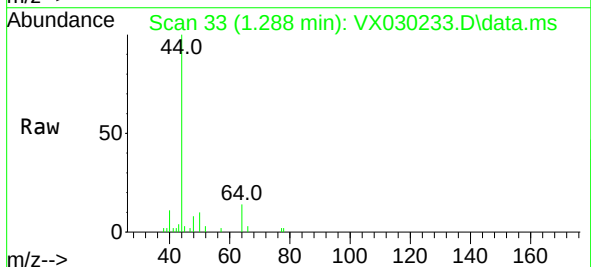
Instrument :
MSVOA_X
ClientSampleId :
EB-06-07182022

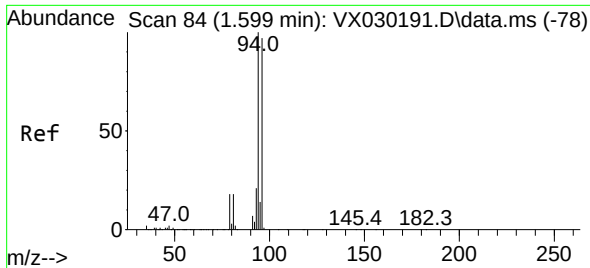
Tgt Ion:168 Resp: 129902
Ion Ratio Lower Upper
168 100
99 61.0 44.0 66.0



#3
Chloromethane
Concen: 0.209 ug/l
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX030233.D
Acq: 27 Jul 2022 15:51

Tgt Ion: 50 Resp: 441
Ion Ratio Lower Upper
50 100
52 28.0 26.3 39.5

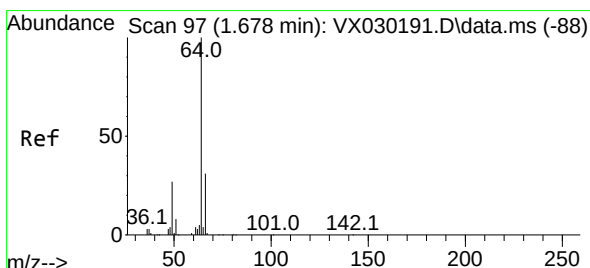
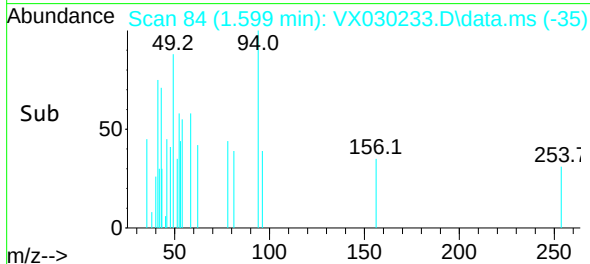
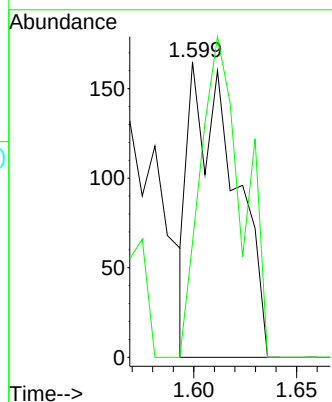
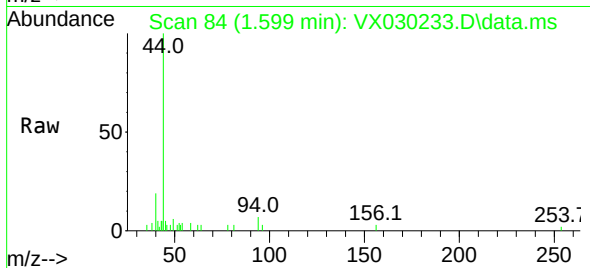




#5
Bromomethane
Concen: Below Cal
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX030233.D
Acq: 27 Jul 2022 15:51

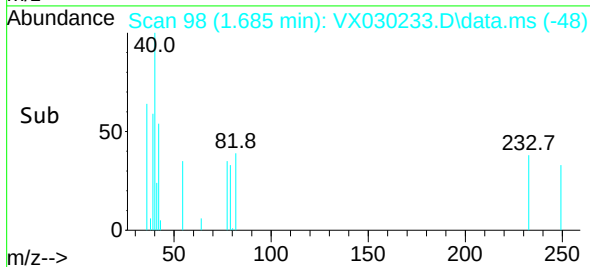
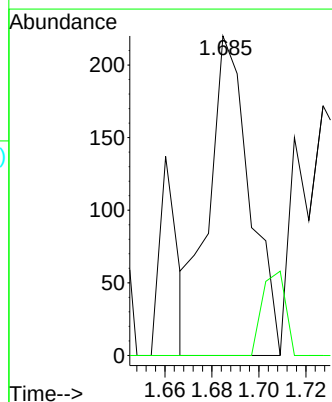
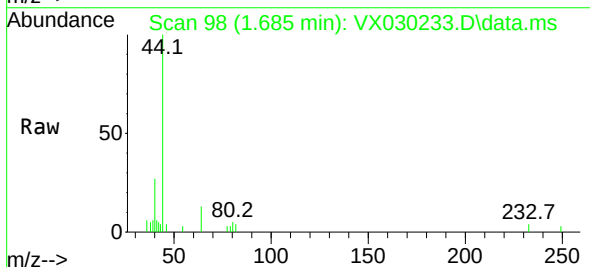
Instrument :
MSVOA_X
ClientSampleId :
EB-06-07182022

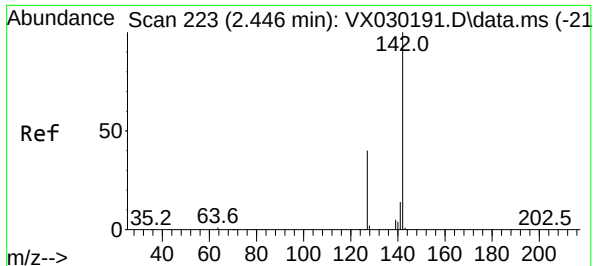
Tgt Ion: 94 Resp: 252
Ion Ratio Lower Upper
94 100
96 38.8 76.9 115.3#



#6
Chloroethane
Concen: 0.220 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.007 min
Lab File: VX030233.D
Acq: 27 Jul 2022 15:51

Tgt Ion: 64 Resp: 269
Ion Ratio Lower Upper
64 100
66 0.0 27.2 40.8#

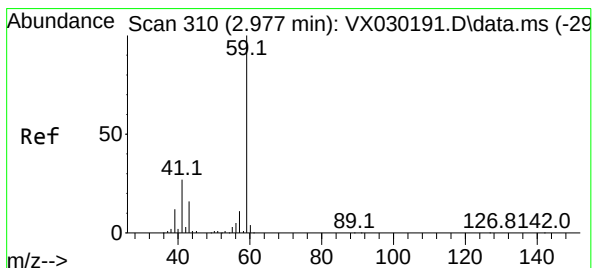
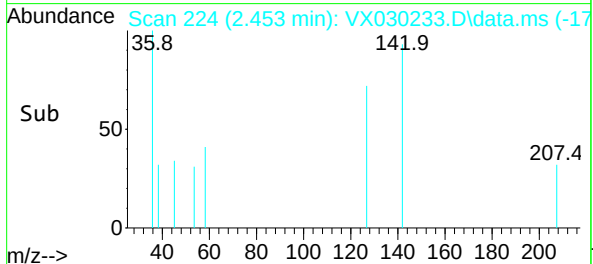
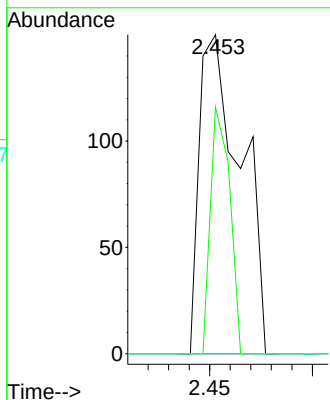
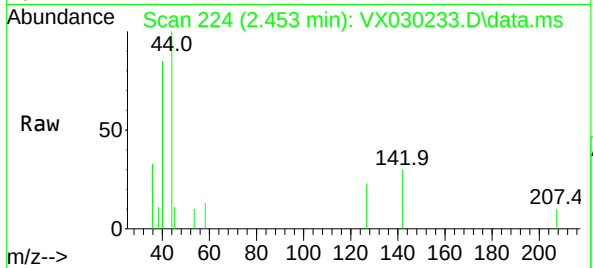




#10
Methyl Iodide
Concen: 1.626 ug/l
RT: 2.453 min Scan# 21
Delta R.T. 0.007 min
Lab File: VX030233.D
Acq: 27 Jul 2022 15:51

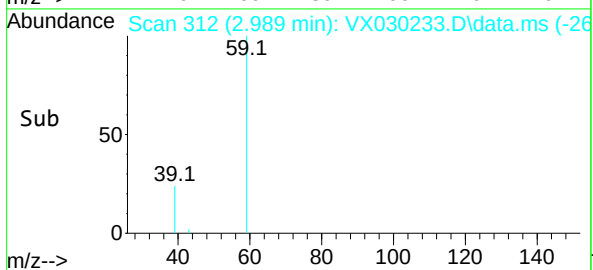
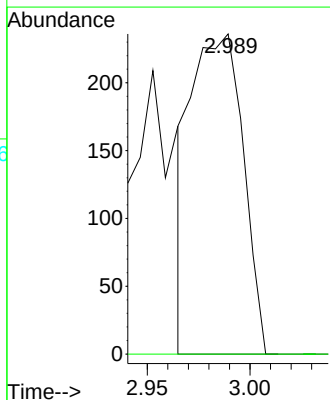
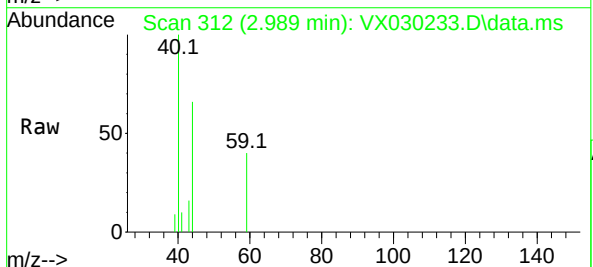
Instrument :
MSVOA_X
ClientSampleId :
EB-06-07182022

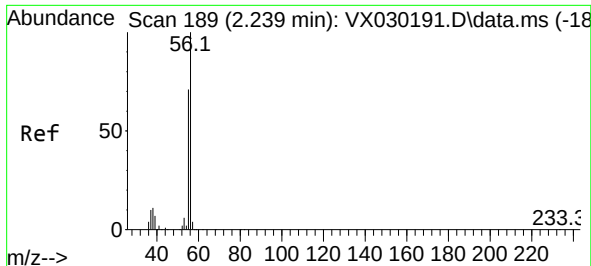
Tgt Ion:142 Resp: 210
Ion Ratio Lower Upper
142 100
127 35.7 30.2 45.2
141 0.0 11.3 16.9#



#11
Tert butyl alcohol
Concen: 0.645 ug/l
RT: 2.989 min Scan# 312
Delta R.T. 0.012 min
Lab File: VX030233.D
Acq: 27 Jul 2022 15:51

Tgt Ion: 59 Resp: 411
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

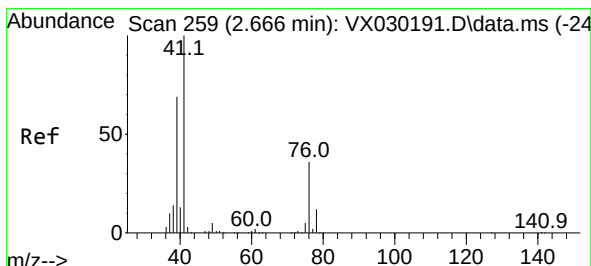
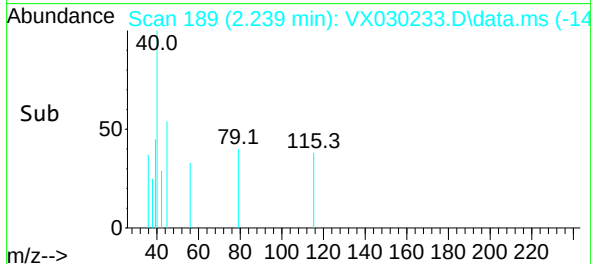
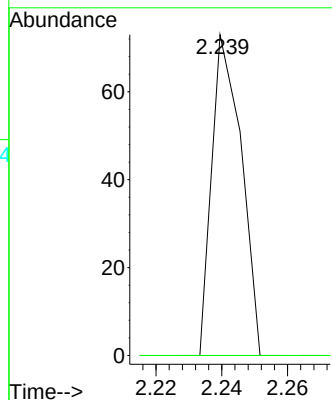
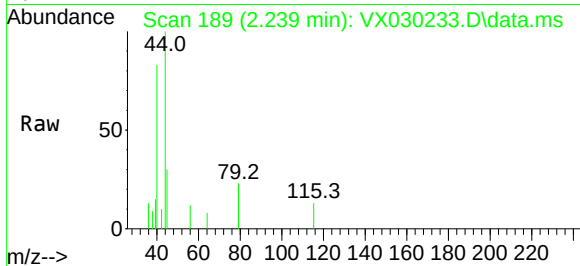




#13
Acrolein
Concen: 0.287 ug/l
RT: 2.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX030233.D
Acq: 27 Jul 2022 15:51

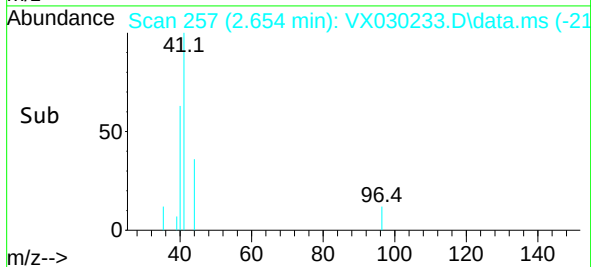
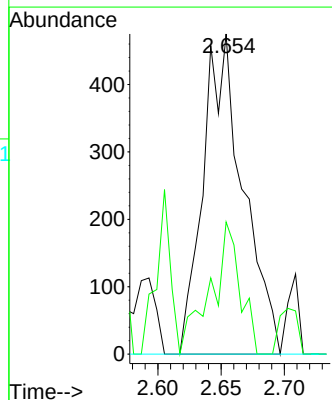
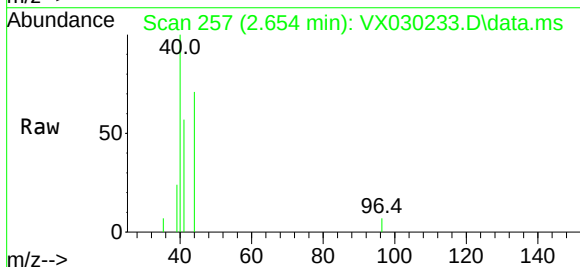
Instrument :
MSVOA_X
ClientSampleId :
EB-06-07182022

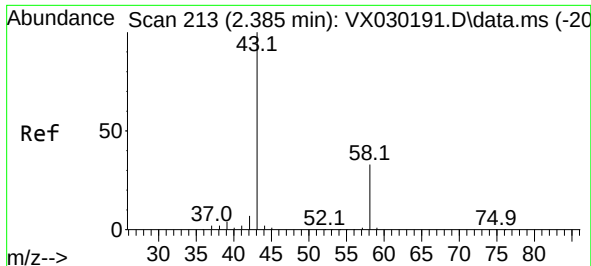
Tgt Ion: 56 Resp: 45
Ion Ratio Lower Upper
56 100
55 0.0 56.6 84.8#



#14
Allyl chloride
Concen: 0.249 ug/l
RT: 2.654 min Scan# 257
Delta R.T. -0.012 min
Lab File: VX030233.D
Acq: 27 Jul 2022 15:51

Tgt Ion: 41 Resp: 1041
Ion Ratio Lower Upper
41 100
39 30.4 48.9 73.3#
76 0.0 26.9 40.3#

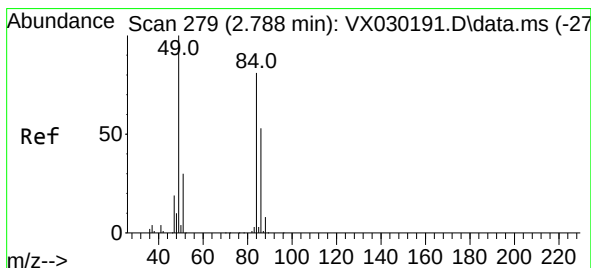
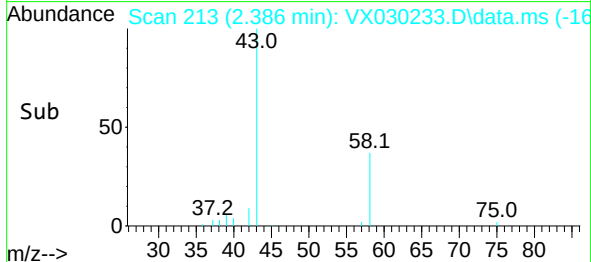
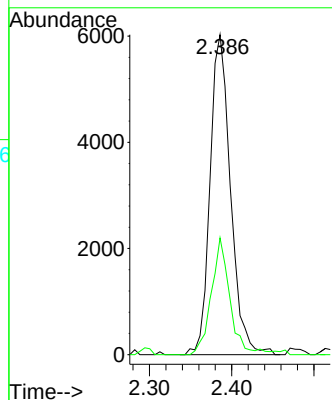
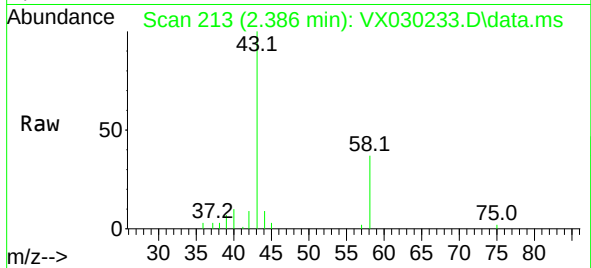




#16
Acetone
Concen: 7.802 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.001 min
Lab File: VX030233.D
Acq: 27 Jul 2022 15:51

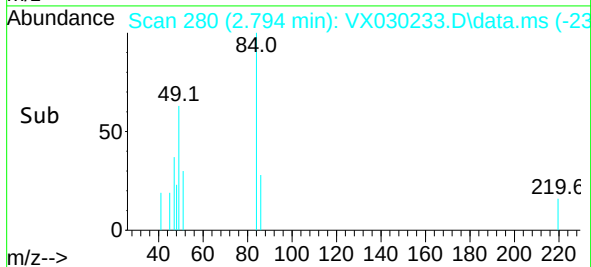
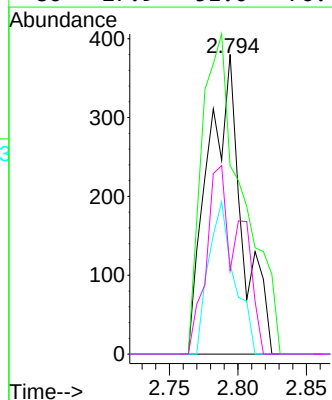
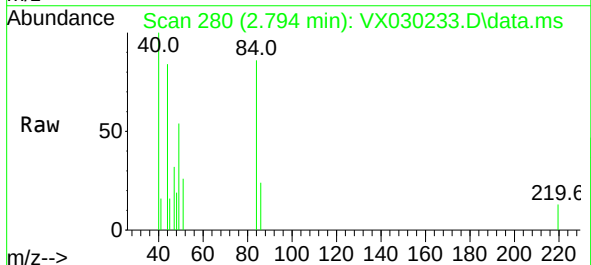
Instrument :
MSVOA_X
ClientSampleId :
EB-06-07182022

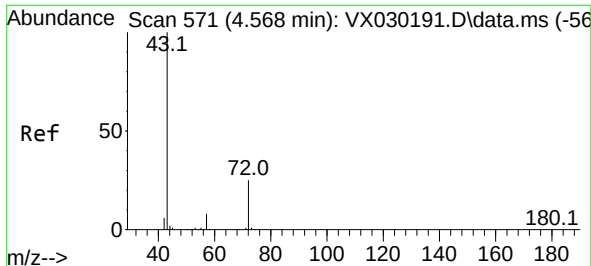
Tgt Ion: 43 Resp: 10429
Ion Ratio Lower Upper
43 100
58 36.5 27.7 41.5



#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX030233.D
Acq: 27 Jul 2022 15:51

Tgt Ion: 84 Resp: 654
Ion Ratio Lower Upper
84 100
49 62.9 93.8 140.6#
51 30.0 29.4 44.0
86 27.9 51.0 76.4#





#25

2-Butanone

Concen: 1.611 ug/l

RT: 4.587 min Scan# 51

Delta R.T. 0.019 min

Lab File: VX030233.D

Acq: 27 Jul 2022 15:51

Instrument :

MSVOA_X

ClientSampleId :

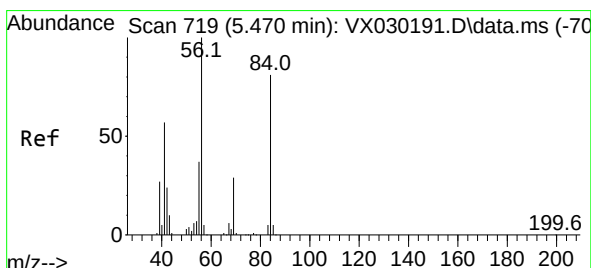
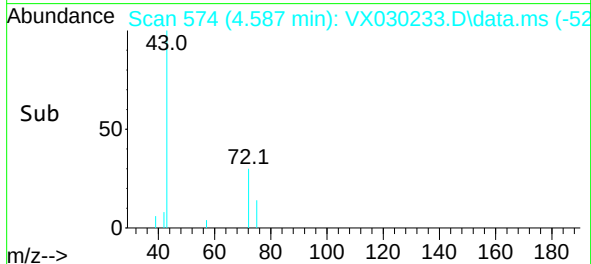
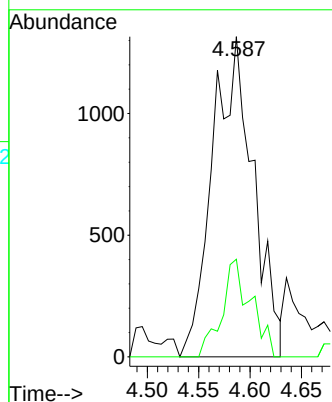
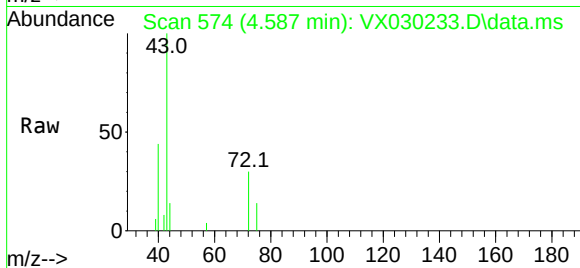
EB-06-07182022

Tgt Ion: 43 Resp: 3618

Ion Ratio Lower Upper

43 100

72 30.5 21.7 32.5



#31

Cyclohexane

Concen: 0.427 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.080 min

Lab File: VX030233.D

Acq: 27 Jul 2022 15:51

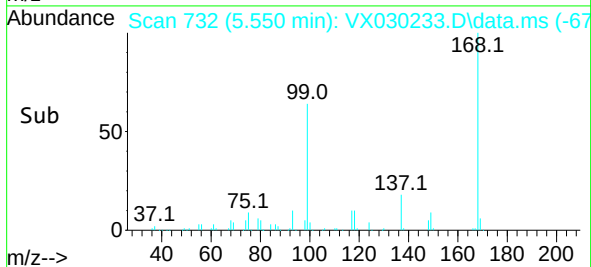
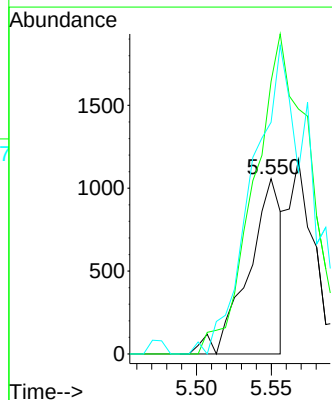
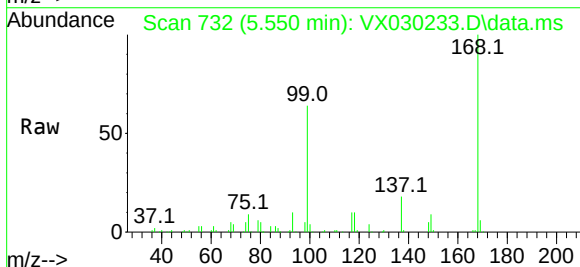
Tgt Ion: 56 Resp: 1618

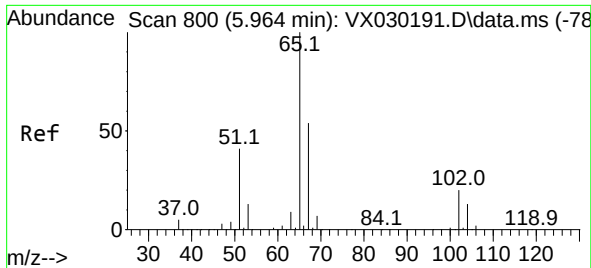
Ion Ratio Lower Upper

56 100

69 155.5 25.4 38.0#

84 132.3 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 54.932 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX030233.D

Acq: 27 Jul 2022 15:51

Instrument :

MSVOA_X

ClientSampleId :

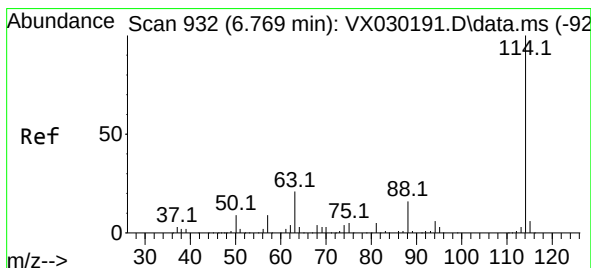
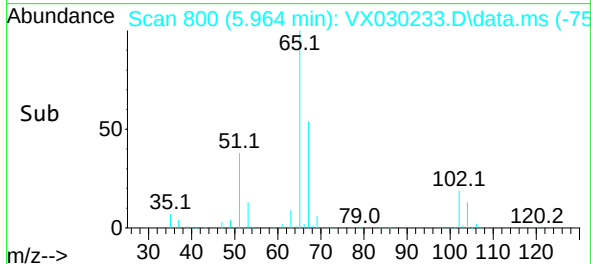
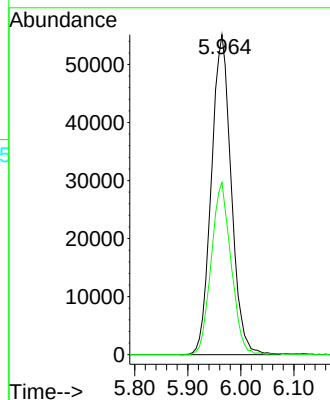
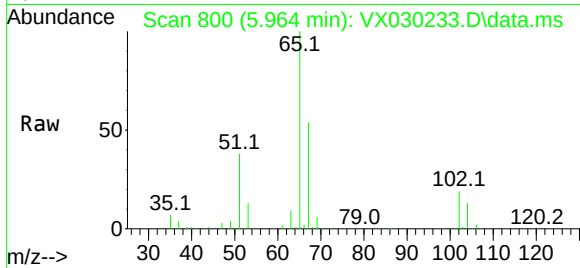
EB-06-07182022

Tgt Ion: 65 Resp: 143424

Ion Ratio Lower Upper

65 100

67 53.6 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.006 min

Lab File: VX030233.D

Acq: 27 Jul 2022 15:51

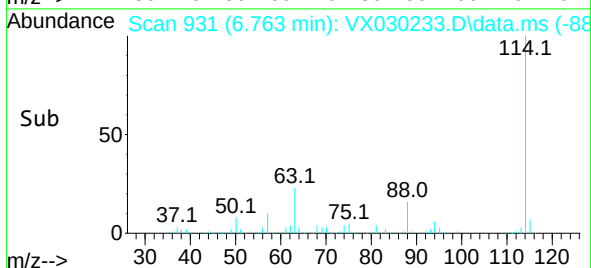
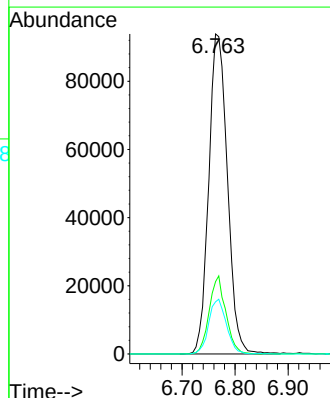
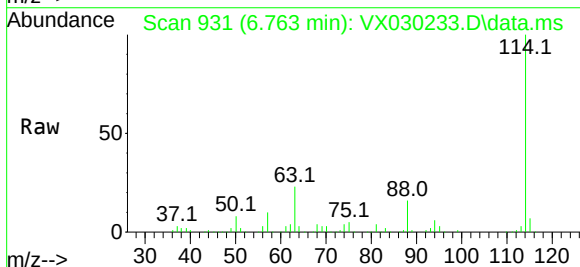
Tgt Ion: 114 Resp: 229764

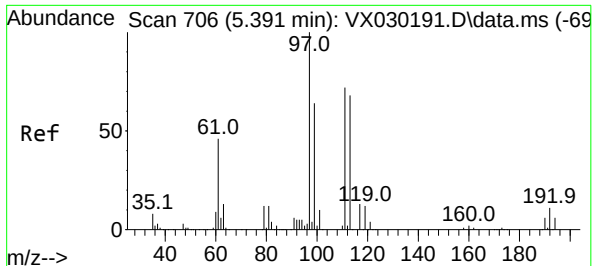
Ion Ratio Lower Upper

114 100

63 22.6 0.0 38.4

88 16.3 0.0 31.8

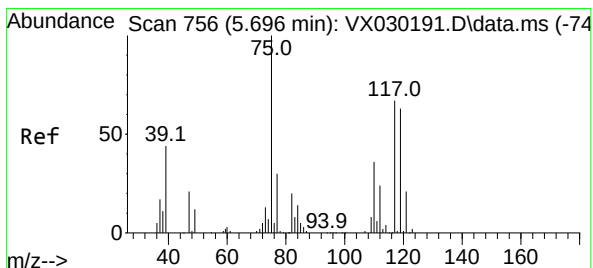
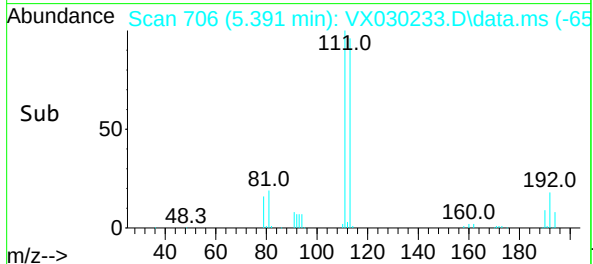
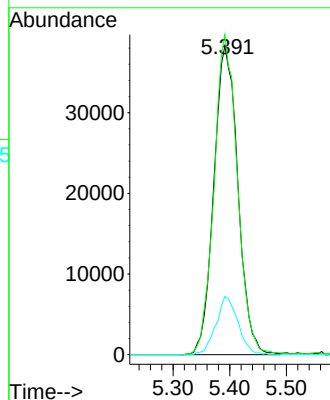
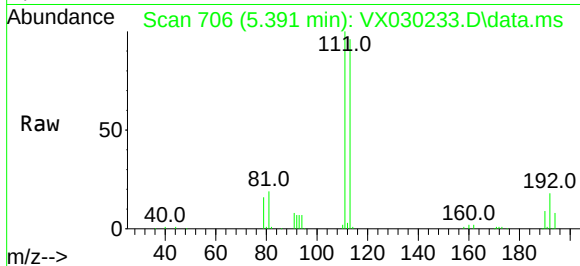




#35
Dibromofluoromethane
Concen: 51.335 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX030233.D
Acq: 27 Jul 2022 15:51

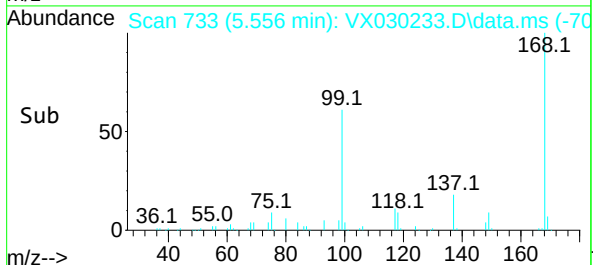
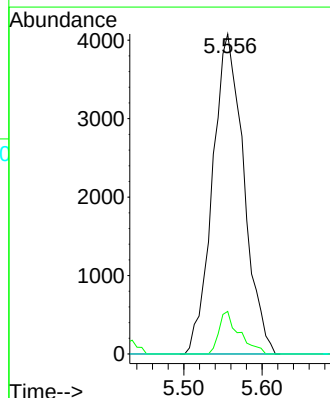
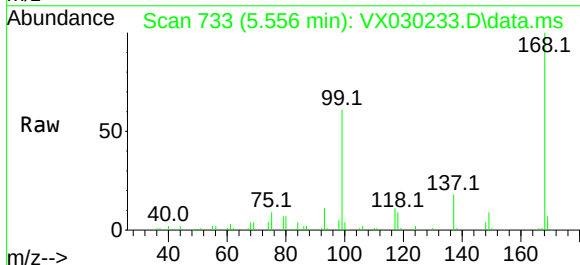
Instrument :
MSVOA_X
ClientSampleId :
EB-06-07182022

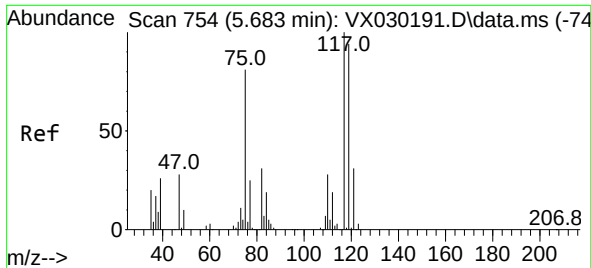
Tgt Ion:113 Resp: 112753
Ion Ratio Lower Upper
113 100
111 101.0 83.2 124.8
192 17.3 14.8 22.2



#36
1,1-Dichloropropene
Concen: 3.567 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX030233.D
Acq: 27 Jul 2022 15:51

Tgt Ion: 75 Resp: 11274
Ion Ratio Lower Upper
75 100
110 8.7 19.3 57.9#
77 0.0 24.4 36.6#

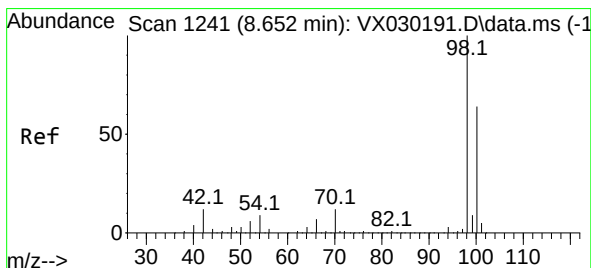
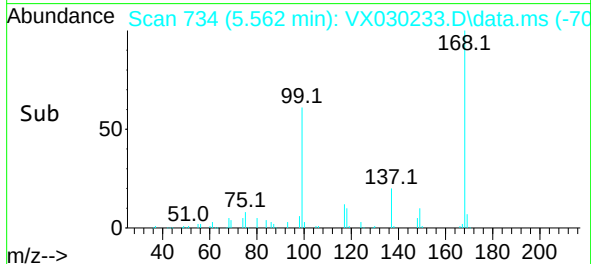
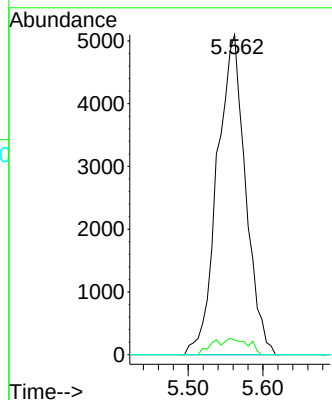
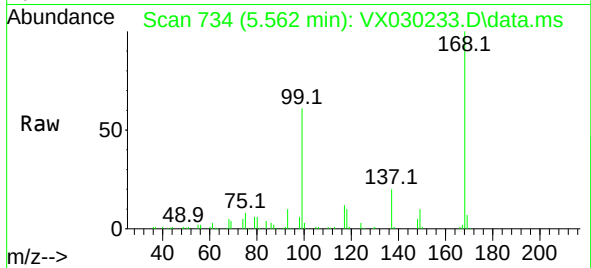




#38
Carbon Tetrachloride
Concen: 4.558 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.121 min
Lab File: VX030233.D
Acq: 27 Jul 2022 15:51

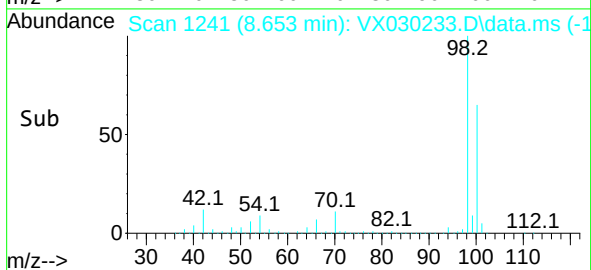
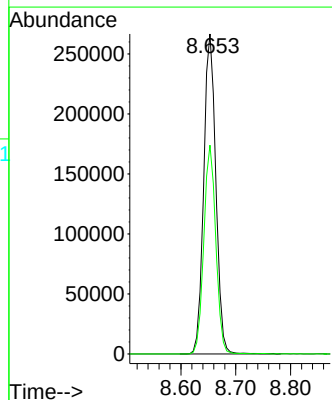
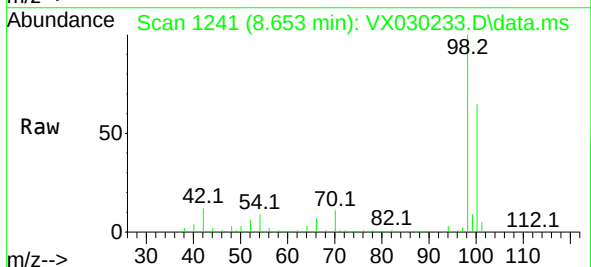
Instrument :
MSVOA_X
ClientSampleId :
EB-06-07182022

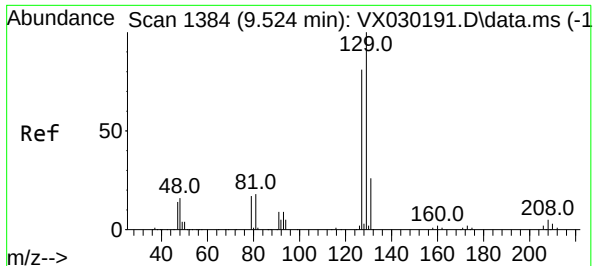
Tgt Ion:117 Resp: 13451
Ion Ratio Lower Upper
117 100
119 4.5 74.1 111.1#
121 0.0 25.8 38.8#



#50
Toluene-d8
Concen: 47.999 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.001 min
Lab File: VX030233.D
Acq: 27 Jul 2022 15:51

Tgt Ion: 98 Resp: 408277
Ion Ratio Lower Upper
98 100
100 64.6 52.3 78.5

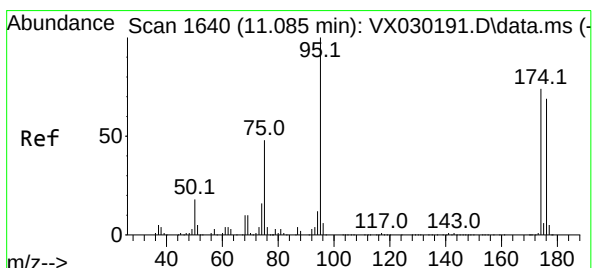
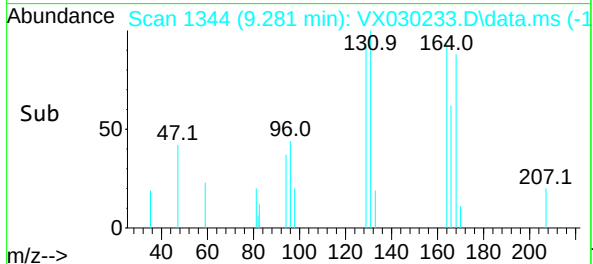
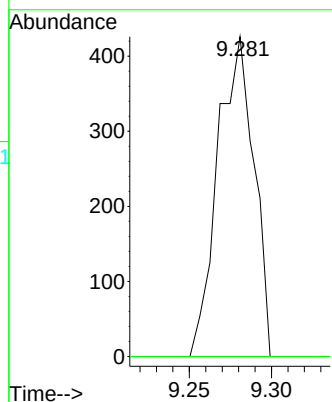
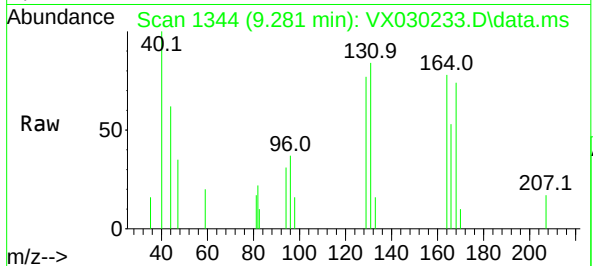




#60
Dibromochloromethane
Concen: 0.272 ug/l
RT: 9.281 min Scan# 11
Delta R.T. -0.243 min
Lab File: VX030233.D
Acq: 27 Jul 2022 15:51

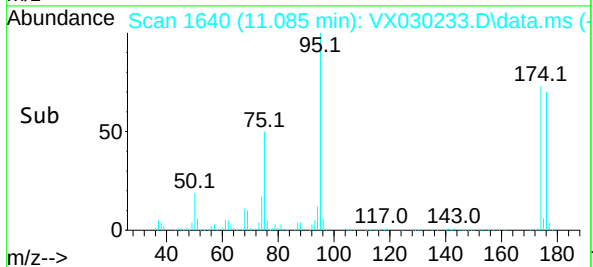
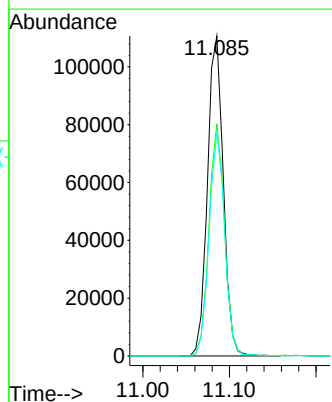
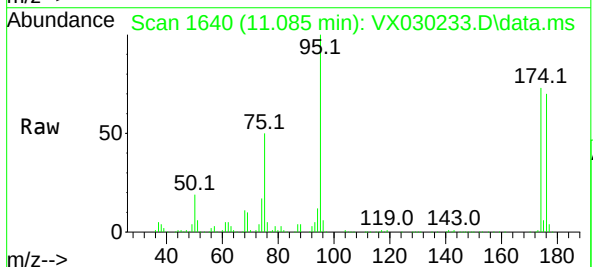
Instrument :
MSVOA_X
ClientSampleId :
EB-06-07182022

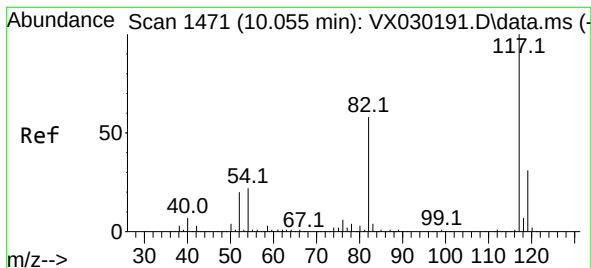
Tgt Ion:129 Resp: 650
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.5#



#62
4-Bromofluorobenzene
Concen: 44.567 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX030233.D
Acq: 27 Jul 2022 15:51

Tgt Ion: 95 Resp: 140687
Ion Ratio Lower Upper
95 100
174 71.8 0.0 149.0
176 68.4 0.0 146.0



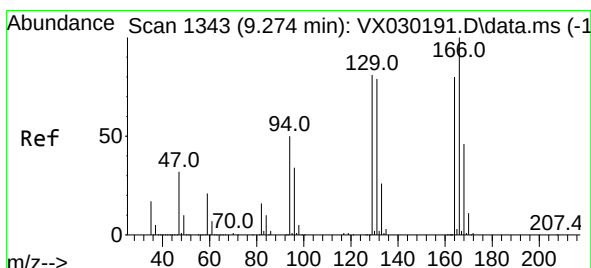
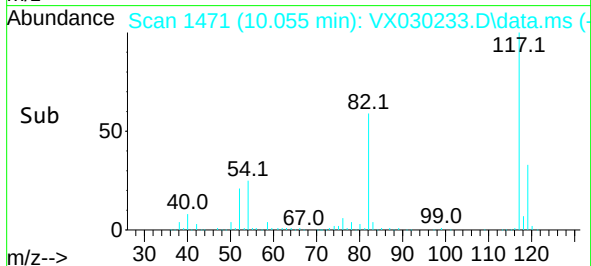
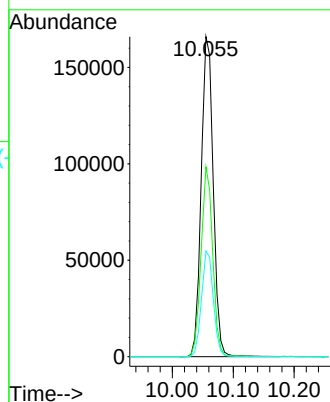
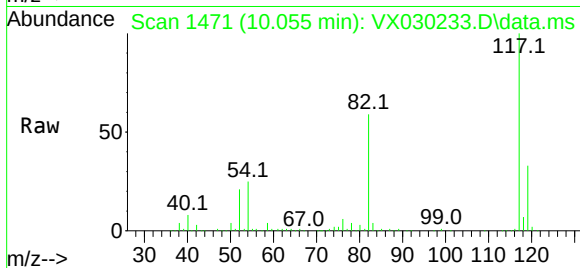


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030233.D
Acq: 27 Jul 2022 15:51

Instrument : MSVOA_X
ClientSampleId : EB-06-07182022

Tgt Ion:117 Resp: 227981

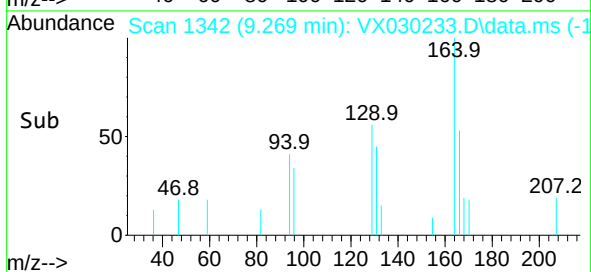
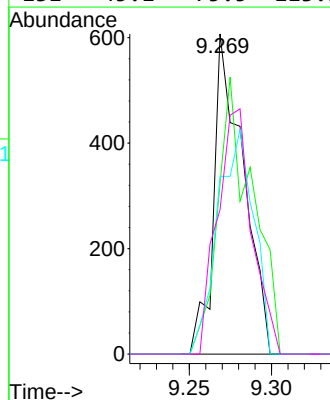
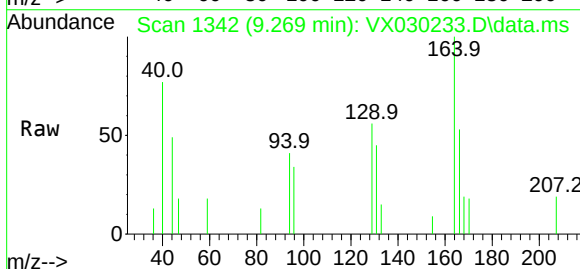
Ion	Ratio	Lower	Upper
117	100		
82	59.3	42.7	64.1
119	32.9	25.4	38.2

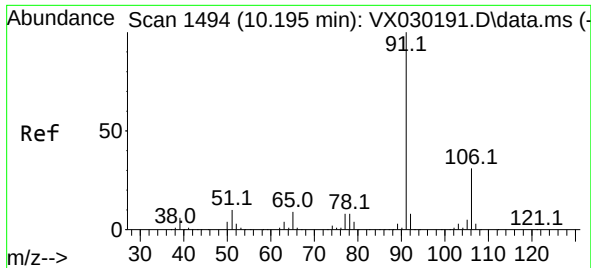


#64
Tetrachloroethene
Concen: 0.308 ug/l
RT: 9.269 min Scan# 1342
Delta R.T. -0.005 min
Lab File: VX030233.D
Acq: 27 Jul 2022 15:51

Tgt Ion:164 Resp: 755

Ion	Ratio	Lower	Upper
164	100		
166	53.2	98.2	147.4#
129	55.5	80.8	121.2#
131	45.1	75.5	113.3#

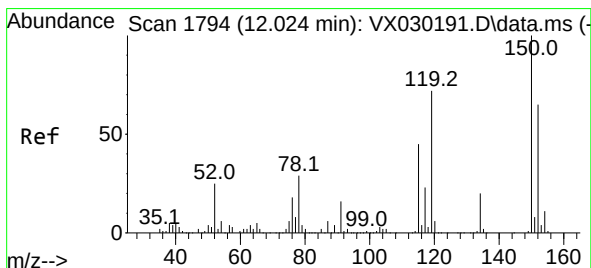
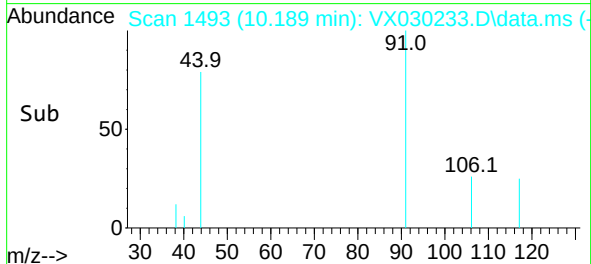
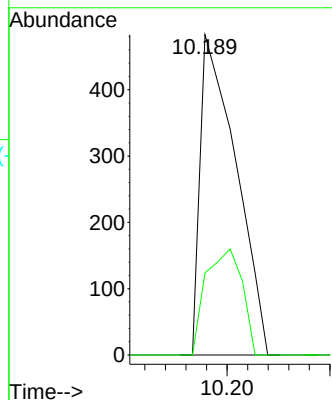
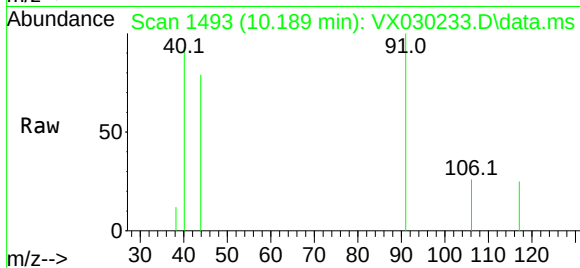




#67
Ethyl Benzene
Concen: Below Cal
RT: 10.189 min Scan# 1493
Delta R.T. -0.006 min
Lab File: VX030233.D
Acq: 27 Jul 2022 15:51

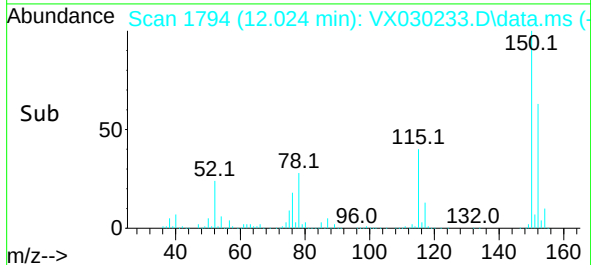
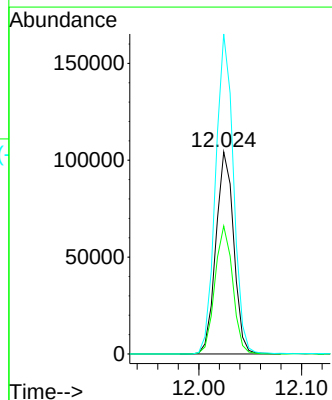
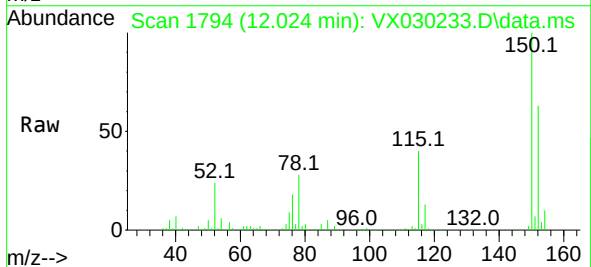
Instrument :
MSVOA_X
ClientSampleId :
EB-06-07182022

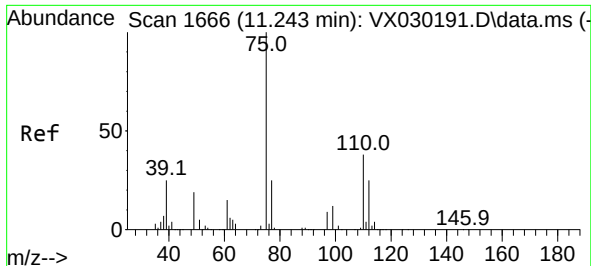
Tgt Ion: 91 Resp: 584
Ion Ratio Lower Upper
91 100
106 25.7 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX030233.D
Acq: 27 Jul 2022 15:51

Tgt Ion: 152 Resp: 125181
Ion Ratio Lower Upper
152 100
115 63.2 40.5 121.5
150 159.1 0.0 347.0

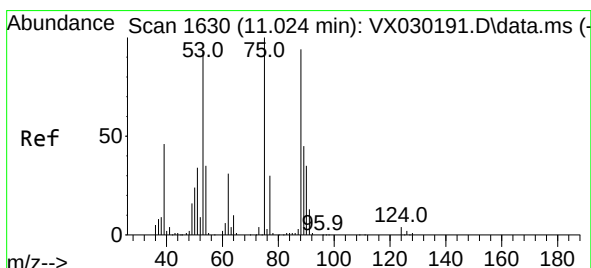
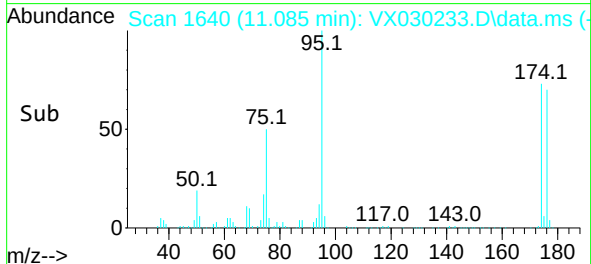
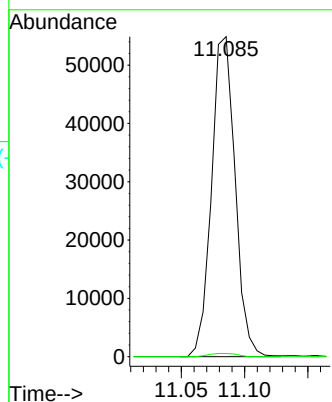
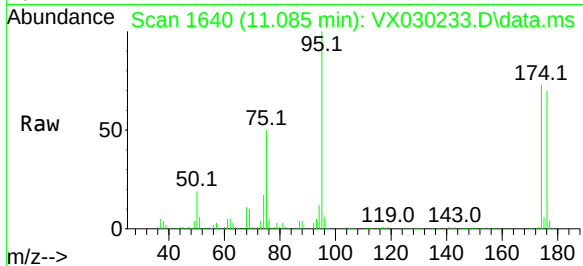




#76
1,2,3-Trichloropropane
Concen: 21.575 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.158 min
Lab File: VX030233.D
Acq: 27 Jul 2022 15:51

Instrument :
MSVOA_X
ClientSampleId :
EB-06-07182022

Tgt Ion: 75 Resp: 71191
Ion Ratio Lower Upper
75 100
77 1.2 19.8 59.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 64.723 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX030233.D
Acq: 27 Jul 2022 15:51

Tgt Ion: 75 Resp: 71191
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.0 34.8 52.2#

