

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082322\
 Data File : VX030721.D
 Acq On : 23 Aug 2022 10:45
 Operator : JC/MD
 Sample : VX0823MBL01
 Misc : 5.00g/10mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0823MBL01

Quant Time: Sep 06 02:48:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 24 16:33:27 2022
 Response via : Initial Calibration

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

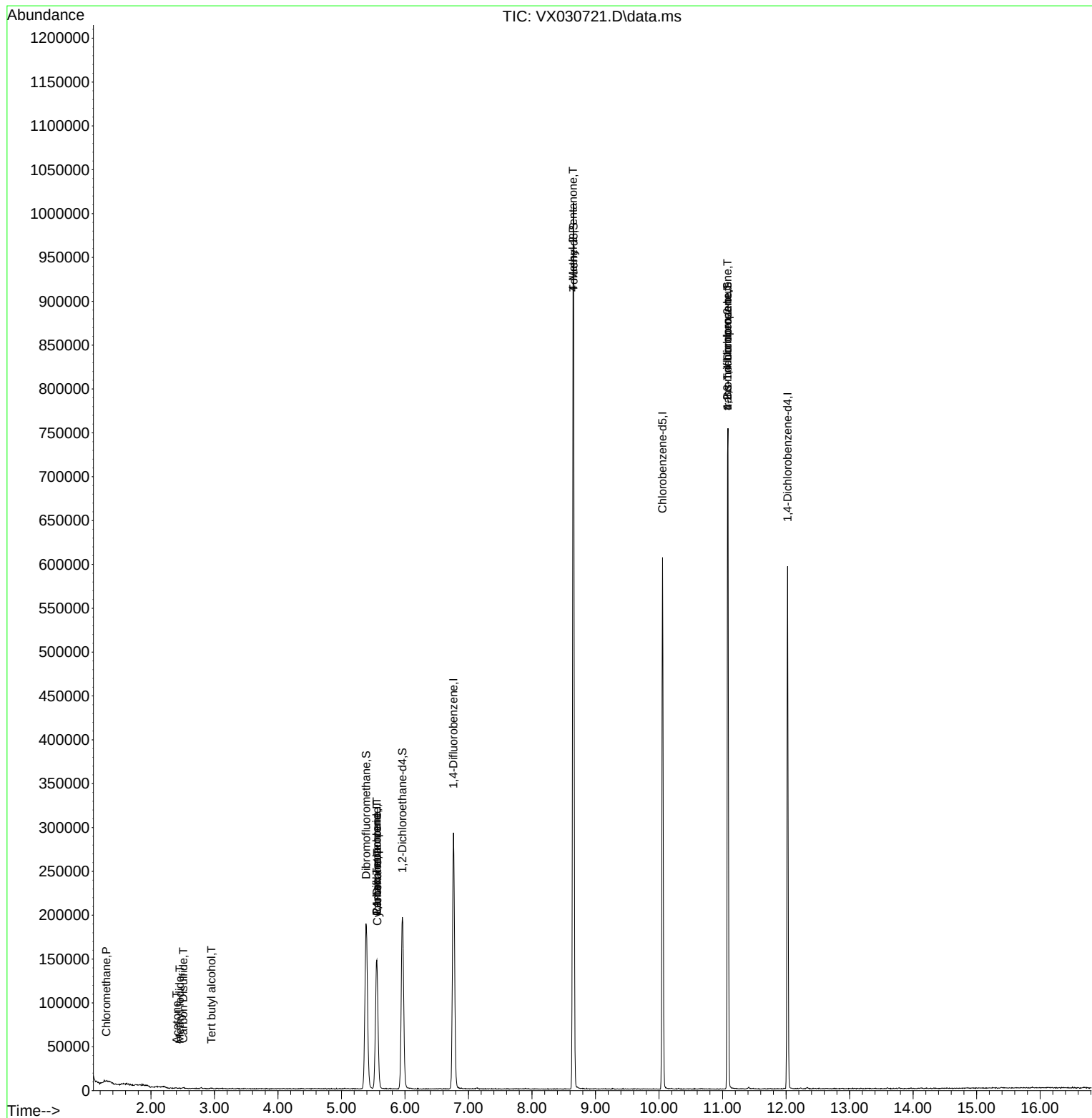
Internal Standards						
1) Pentafluorobenzene	5.556	168	138270	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	307769	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	282231	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	120265	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	184439	66.365	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 132.740%#			
35) Dibromofluoromethane	5.385	113	171120	58.162	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 116.320%			
50) Toluene-d8	8.653	98	625024	54.857	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 109.720%			
62) 4-Bromofluorobenzene	11.079	95	220322	52.104	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.200%			
Target Compounds			Qvalue			
3) Chloromethane	1.295	50	450	0.201	ug/l #	42
5) Bromomethane	1.581	94	55	Below Cal	#	66
10) Methyl Iodide	2.453	142	309	1.664	ug/l #	77
11) Tert butyl alcohol	2.953	59	203	0.299	ug/l #	74
16) Acetone	2.404	43	878	0.617	ug/l	94
17) Carbon Disulfide	2.508	76	1272	0.218	ug/l	95
20) Methylene Chloride	2.800	84	537	Below Cal	#	65
31) Cyclohexane	5.562	56	2840	0.704	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	11104	2.623	ug/l #	47
38) Carbon Tetrachloride	5.556	117	14479	3.663	ug/l #	18
51) 4-Methyl-2-Pentanone	8.647	43	2459	0.412	ug/l #	1
67) Ethyl Benzene	10.201	91	353	Below Cal	#	77
76) 1,2,3-Trichloropropane	11.079	75	103186	32.550	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	103186	97.646	ug/l #	13

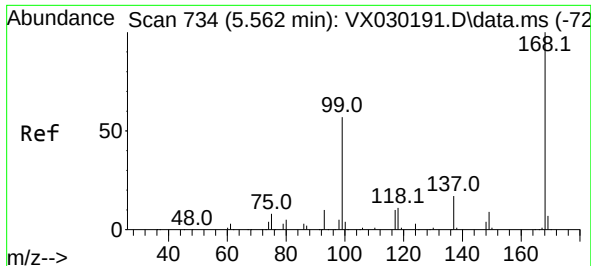
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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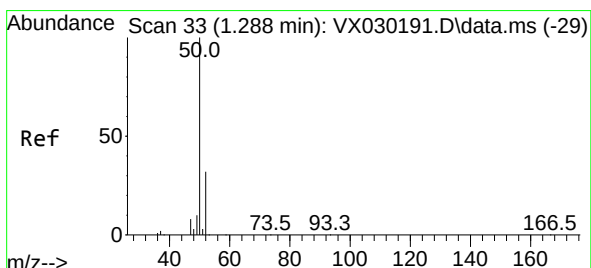
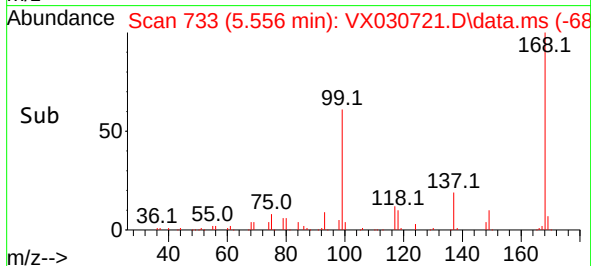
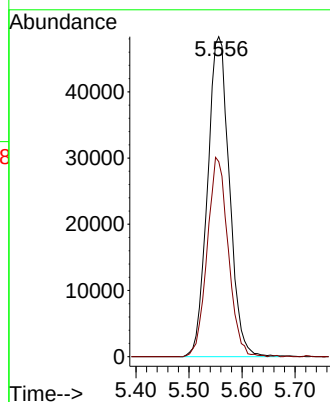
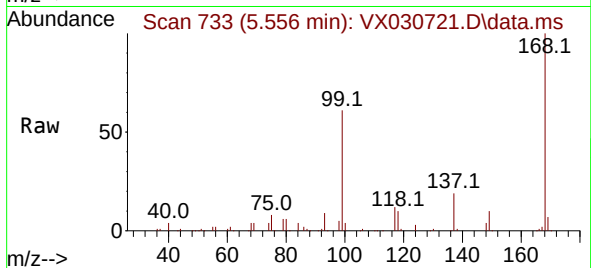




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX030721.D
Acq: 23 Aug 2022 10:45

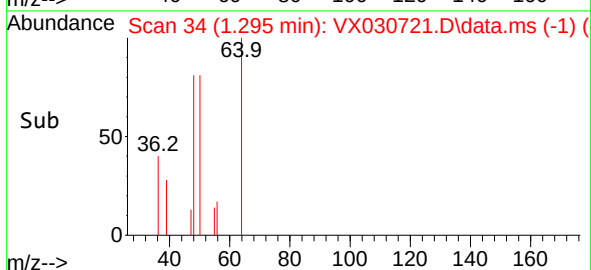
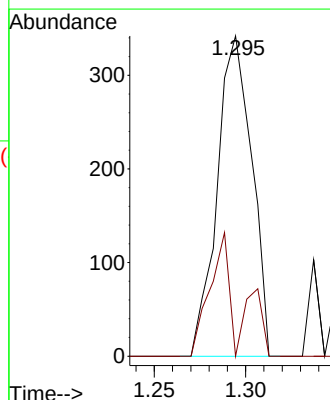
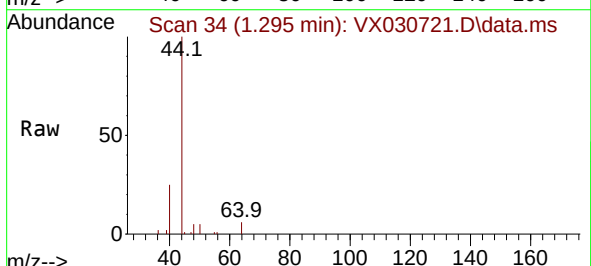
Instrument :
MSVOA_X
ClientSampleId :
VX0823MBL01

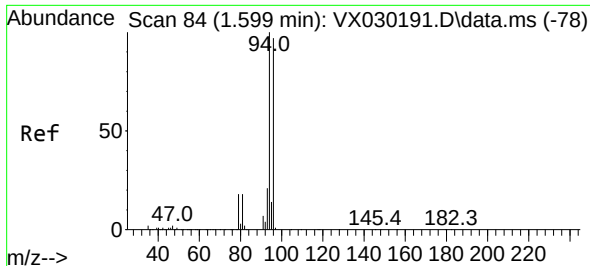
Tgt Ion:168 Resp: 138270
Ion Ratio Lower Upper
168 100
99 61.0 44.0 66.0



#3
Chloromethane
Concen: 0.201 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX030721.D
Acq: 23 Aug 2022 10:45

Tgt Ion: 50 Resp: 450
Ion Ratio Lower Upper
50 100
52 0.0 26.3 39.5#

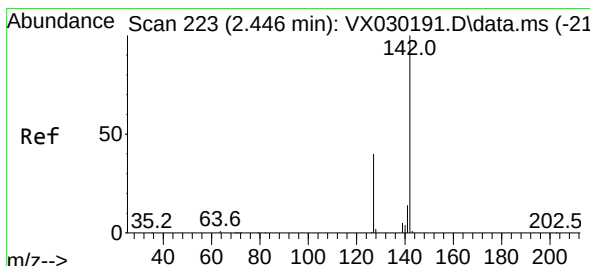
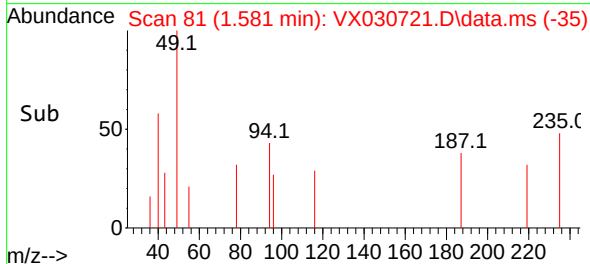
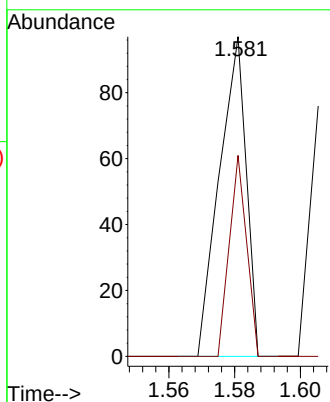
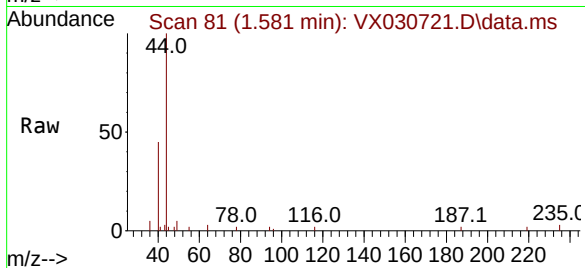




#5
Bromomethane
Concen: Below Cal
RT: 1.581 min Scan# 81
Delta R.T. -0.018 min
Lab File: VX030721.D
Acq: 23 Aug 2022 10:45

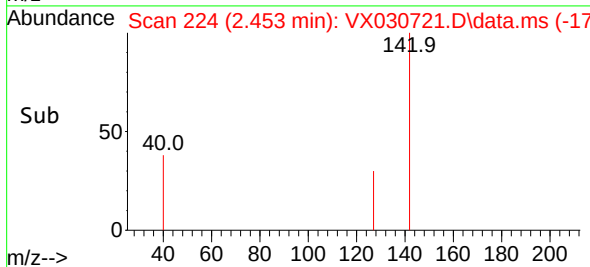
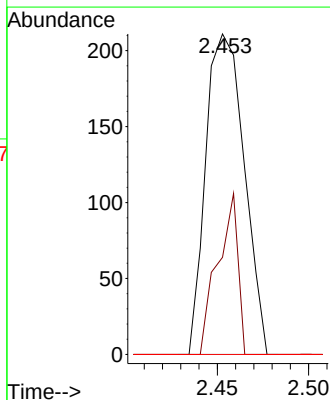
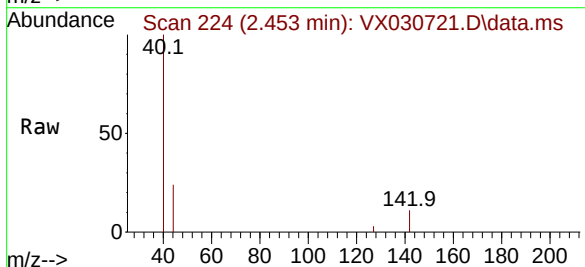
Instrument :
MSVOA_X
ClientSampleId :
VX0823MBL01

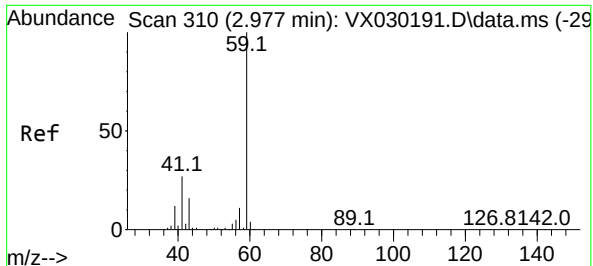
Tgt Ion: 94 Resp: 55
Ion Ratio Lower Upper
94 100
96 62.9 76.9 115.3#



#10
Methyl Iodide
Concen: 1.664 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.007 min
Lab File: VX030721.D
Acq: 23 Aug 2022 10:45

Tgt Ion: 142 Resp: 309
Ion Ratio Lower Upper
142 100
127 26.5 30.2 45.2#
141 0.0 11.3 16.9#





#11

Tert butyl alcohol

Concen: 0.299 ug/l

RT: 2.953 min Scan# 306

Delta R.T. -0.024 min

Lab File: VX030721.D

Acq: 23 Aug 2022 10:45

Instrument :

MSVOA_X

ClientSampleId :

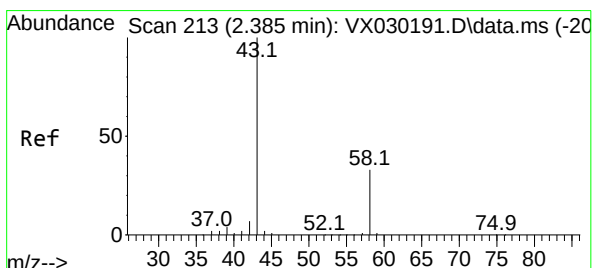
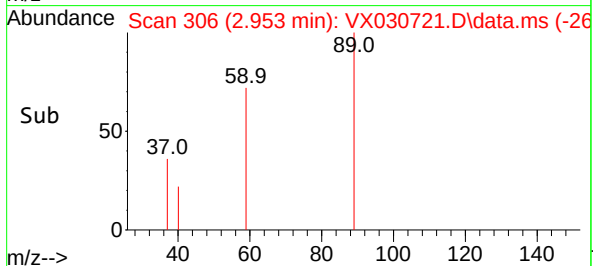
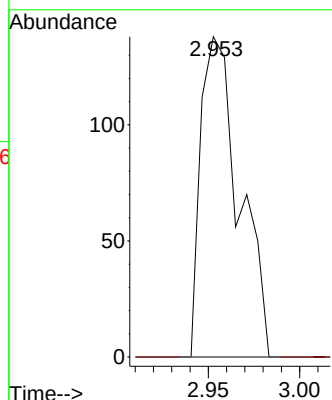
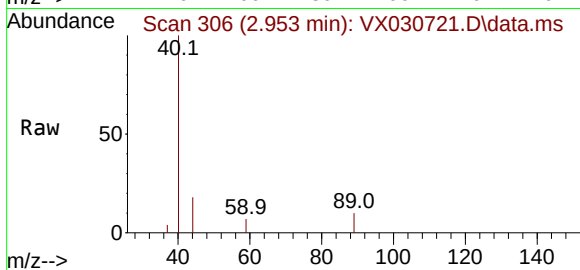
VX0823MBL01

Tgt Ion: 59 Resp: 203

Ion Ratio Lower Upper

59 100

57 0.0 7.4 11.2#



#16

Acetone

Concen: 0.617 ug/l

RT: 2.404 min Scan# 216

Delta R.T. 0.019 min

Lab File: VX030721.D

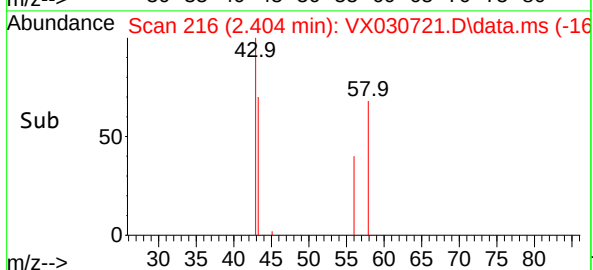
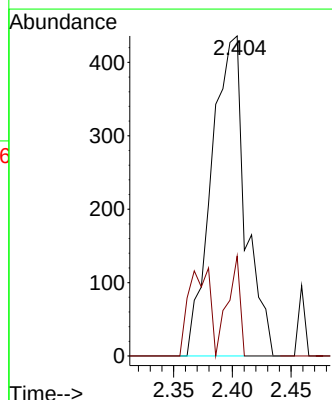
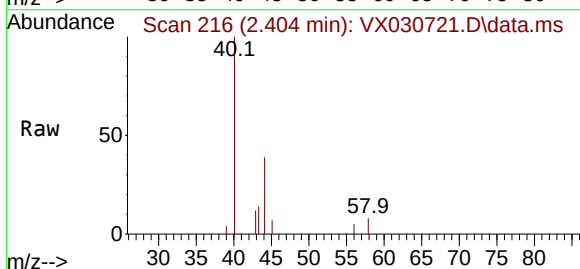
Acq: 23 Aug 2022 10:45

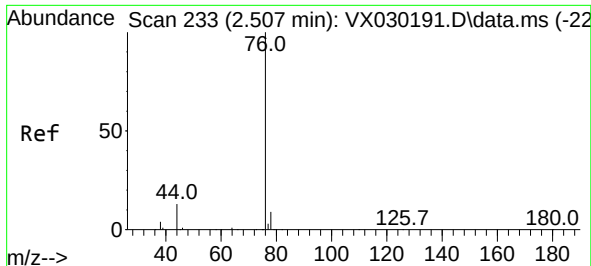
Tgt Ion: 43 Resp: 878

Ion Ratio Lower Upper

43 100

58 31.2 27.7 41.5

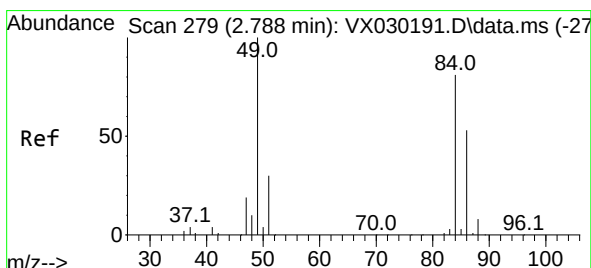
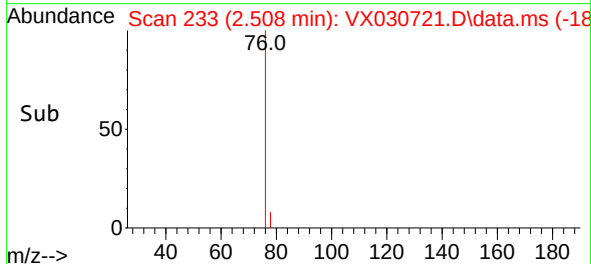
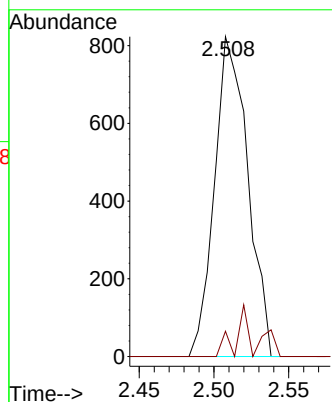
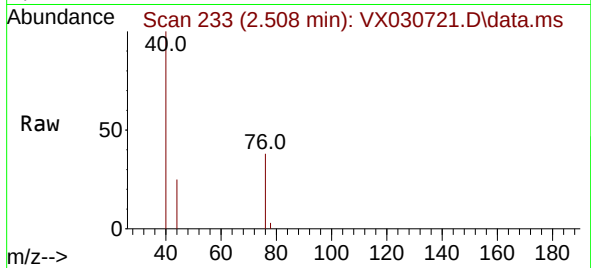




#17
Carbon Disulfide
Concen: 0.218 ug/l
RT: 2.508 min Scan# 21
Delta R.T. 0.001 min
Lab File: VX030721.D
Acq: 23 Aug 2022 10:45

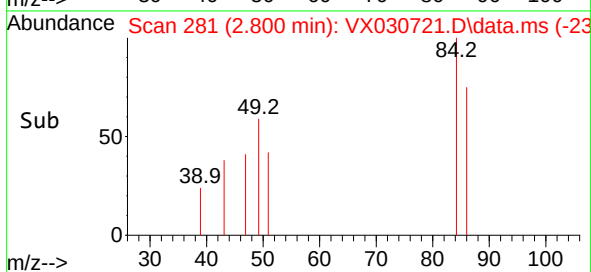
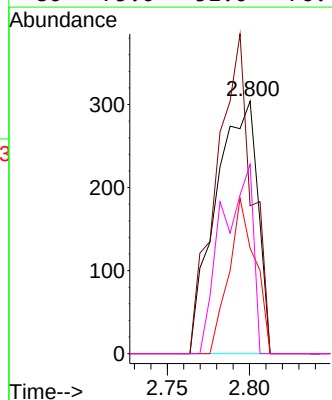
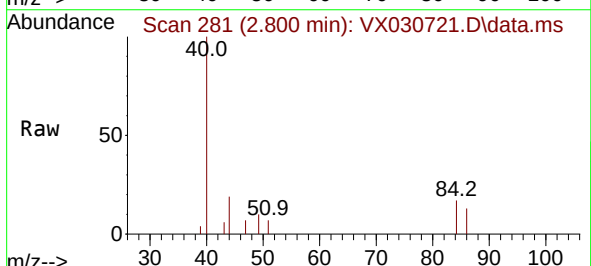
Instrument :
MSVOA_X
ClientSampleId :
VX0823MBL01

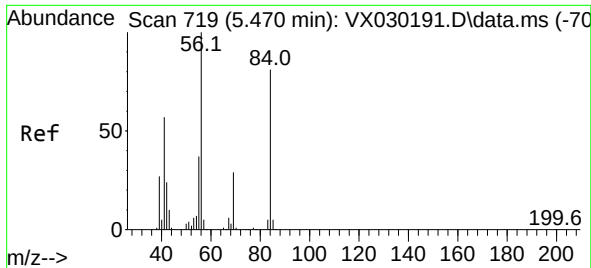
Tgt Ion: 76 Resp: 1272
Ion Ratio Lower Upper
76 100
78 7.9 7.8 11.6



#20
Methylene Chloride
Concen: Below Cal
RT: 2.800 min Scan# 281
Delta R.T. 0.012 min
Lab File: VX030721.D
Acq: 23 Aug 2022 10:45

Tgt Ion: 84 Resp: 537
Ion Ratio Lower Upper
84 100
49 58.6 93.8 140.6#
51 41.8 29.4 44.0
86 75.0 51.0 76.4

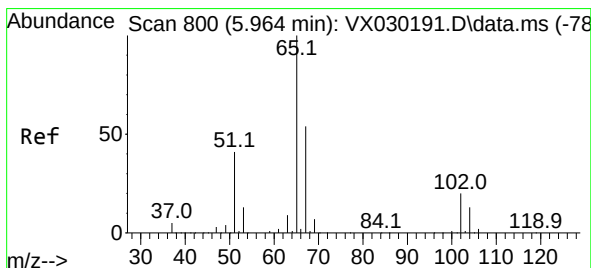
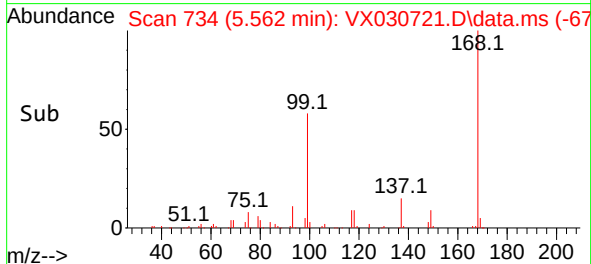
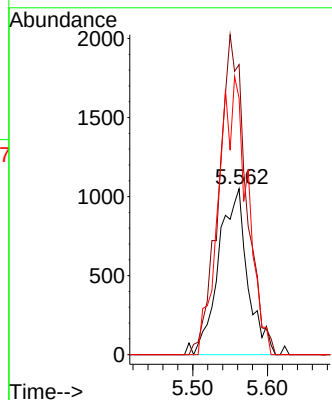
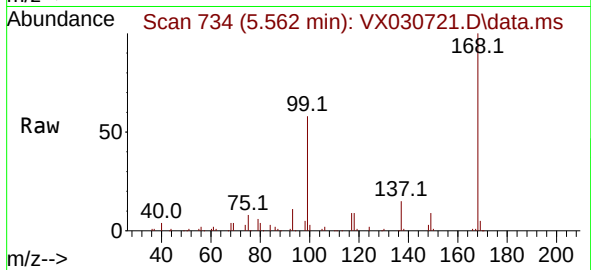




#31
Cyclohexane
Concen: 0.704 ug/l
RT: 5.562 min Scan# 719
Delta R.T. 0.092 min
Lab File: VX030721.D
Acq: 23 Aug 2022 10:45

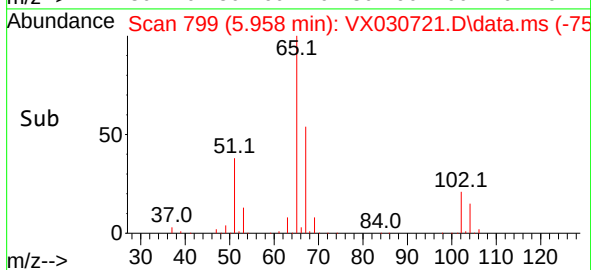
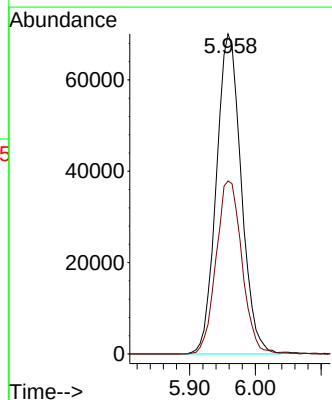
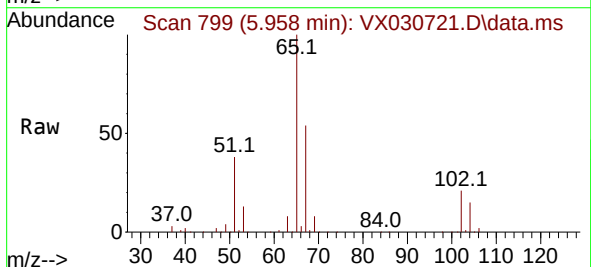
Instrument :
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ClientSampleId :
VX0823MBL01

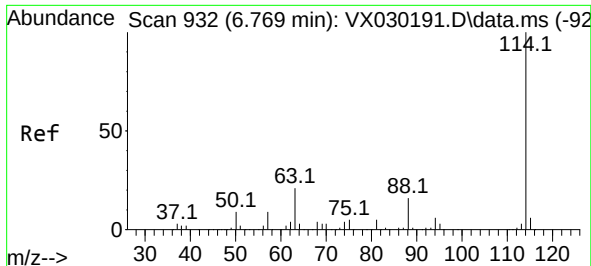
Tgt Ion: 56 Resp: 2840
Ion Ratio Lower Upper
56 100
69 174.9 25.4 38.0#
84 154.6 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 66.365 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX030721.D
Acq: 23 Aug 2022 10:45

Tgt Ion: 65 Resp: 184439
Ion Ratio Lower Upper
65 100
67 56.1 0.0 109.6

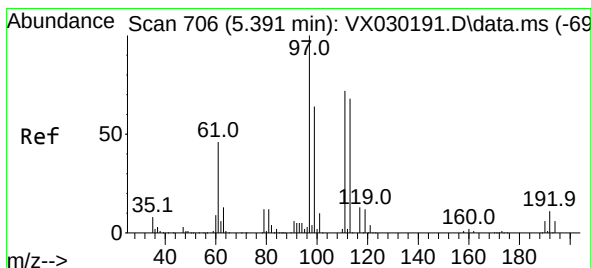
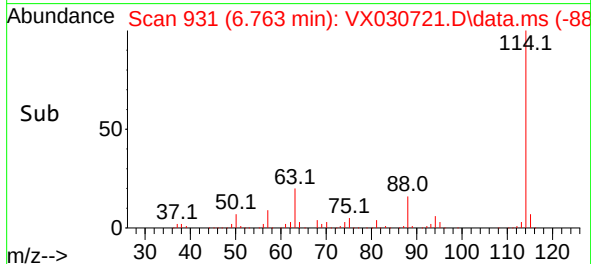
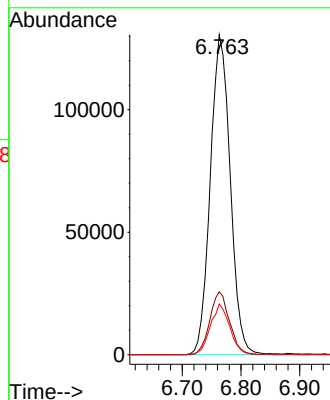
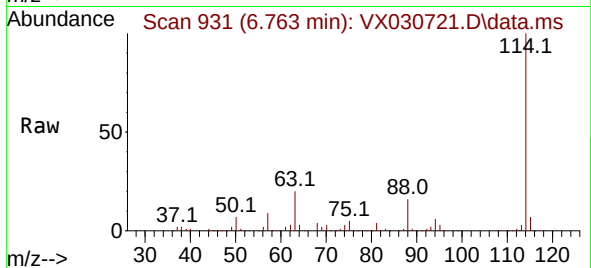




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX030721.D
Acq: 23 Aug 2022 10:45

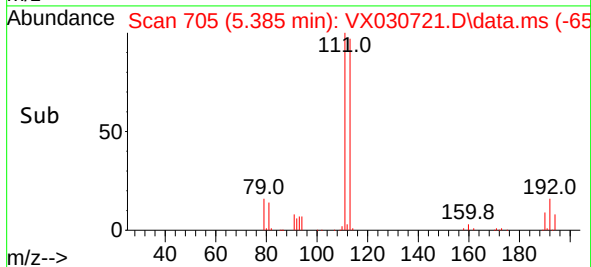
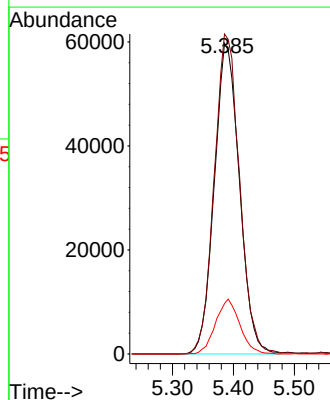
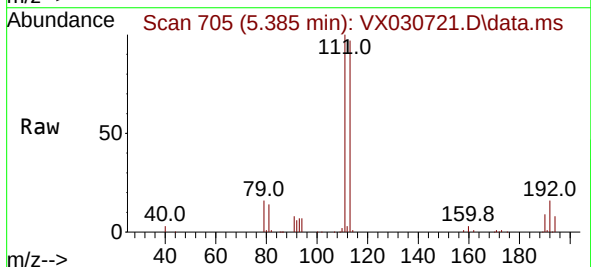
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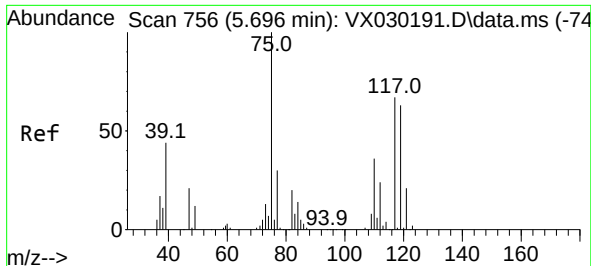
Tgt Ion:114 Resp: 307769
Ion Ratio Lower Upper
114 100
63 19.7 0.0 38.4
88 15.9 0.0 31.8



#35
Dibromofluoromethane
Concen: 58.162 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX030721.D
Acq: 23 Aug 2022 10:45

Tgt Ion:113 Resp: 171120
Ion Ratio Lower Upper
113 100
111 103.8 83.2 124.8
192 17.0 14.8 22.2

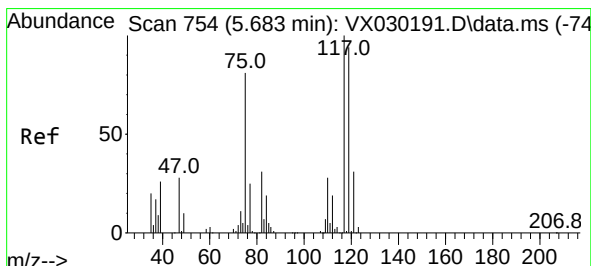
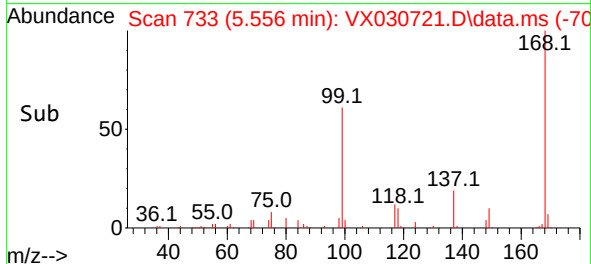
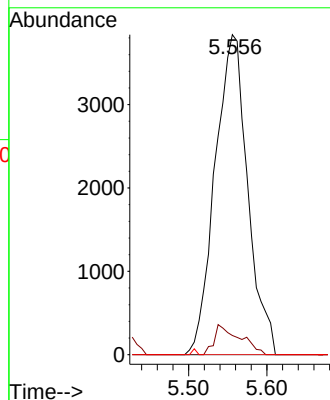
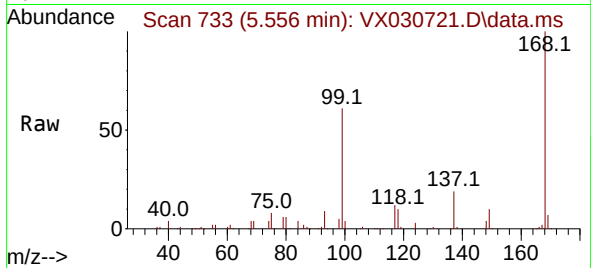




#36
1,1-Dichloropropene
Concen: 2.623 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.140 min
Lab File: VX030721.D
Acq: 23 Aug 2022 10:45

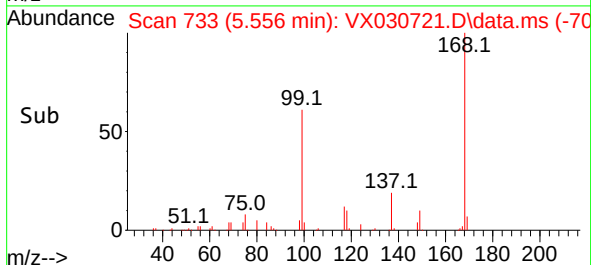
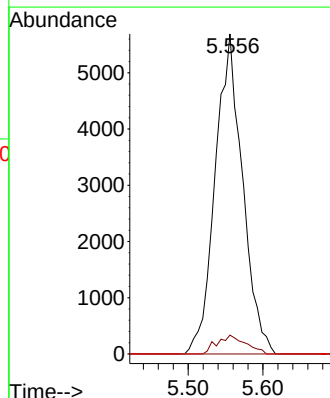
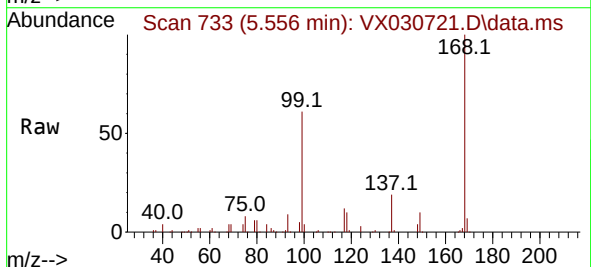
Instrument :
MSVOA_X
ClientSampleId :
VX0823MBL01

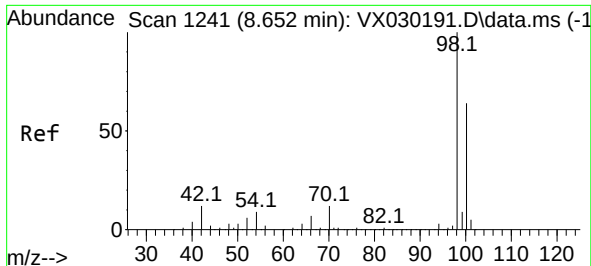
Tgt Ion: 75 Resp: 11104
Ion Ratio Lower Upper
75 100
110 7.4 19.3 57.9#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 3.663 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.127 min
Lab File: VX030721.D
Acq: 23 Aug 2022 10:45

Tgt Ion: 117 Resp: 14479
Ion Ratio Lower Upper
117 100
119 5.9 74.1 111.1#
121 0.0 25.8 38.8#

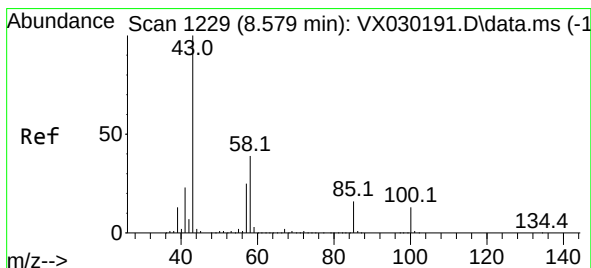
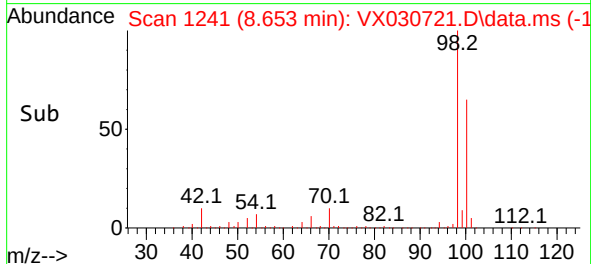
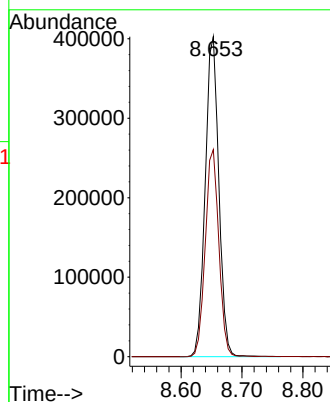
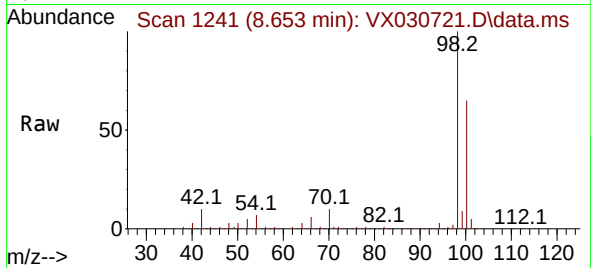




#50
Toluene-d8
Concen: 54.857 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX030721.D
Acq: 23 Aug 2022 10:45

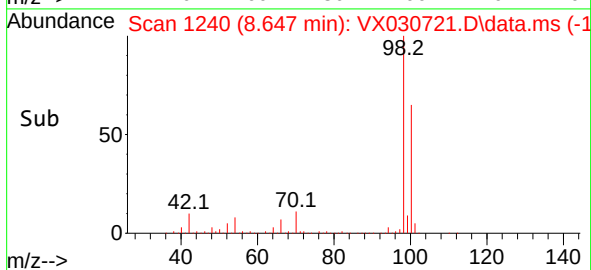
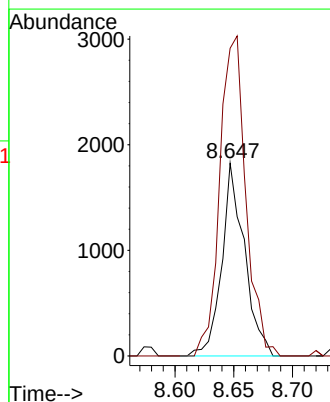
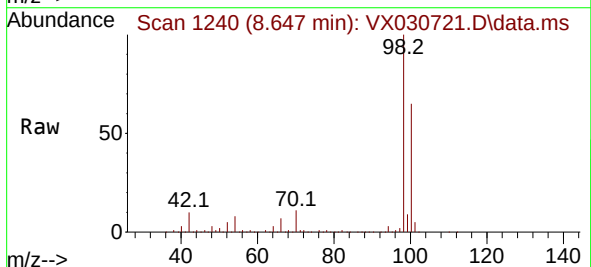
Instrument :
MSVOA_X
ClientSampleId :
VX0823MBL01

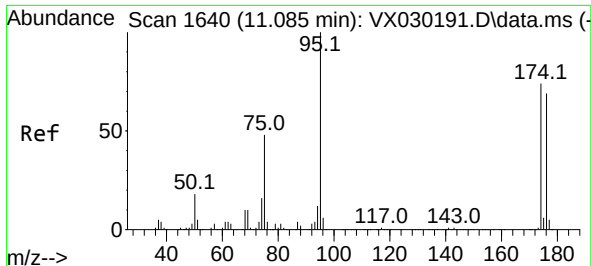
Tgt Ion: 98 Resp: 625024
Ion Ratio Lower Upper
98 100
100 64.6 52.3 78.5



#51
4-Methyl-2-Pentanone
Concen: 0.412 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.068 min
Lab File: VX030721.D
Acq: 23 Aug 2022 10:45

Tgt Ion: 43 Resp: 2459
Ion Ratio Lower Upper
43 100
58 190.2 31.4 47.2#





#62

4-Bromofluorobenzene

Concen: 52.104 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX030721.D

Acq: 23 Aug 2022 10:45

Instrument :

MSVOA_X

ClientSampleId :

VX0823MBL01

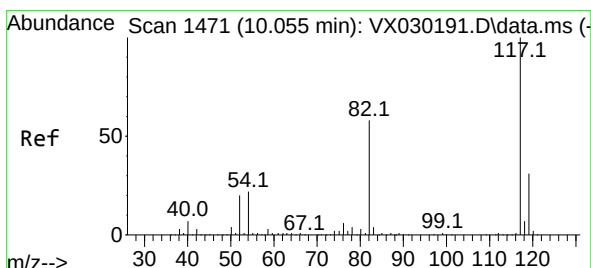
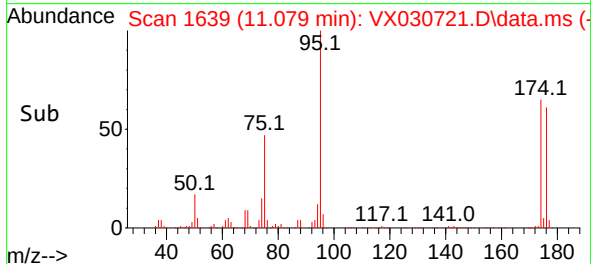
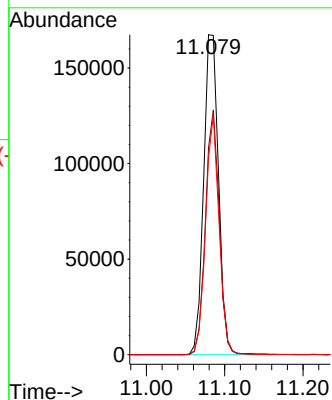
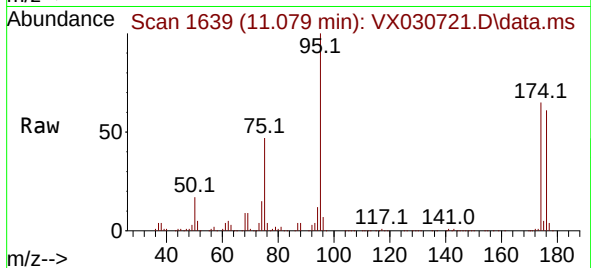
Tgt Ion: 95 Resp: 220322

Ion Ratio Lower Upper

95 100

174 71.8 0.0 149.0

176 67.8 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: VX030721.D

Acq: 23 Aug 2022 10:45

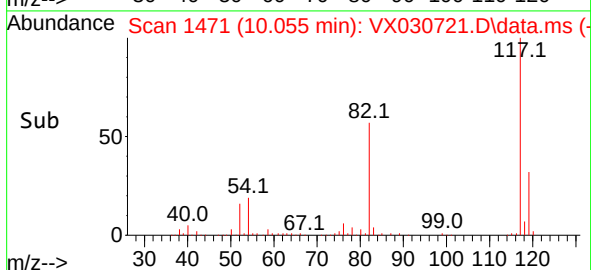
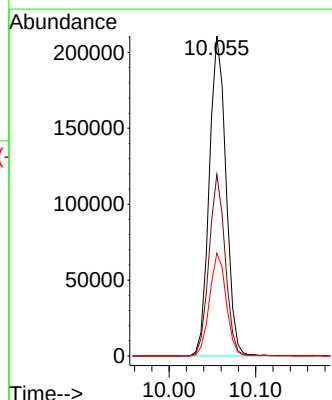
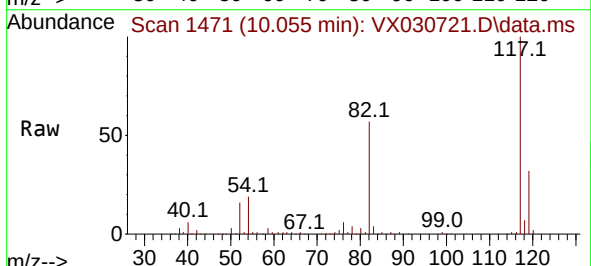
Tgt Ion: 117 Resp: 282231

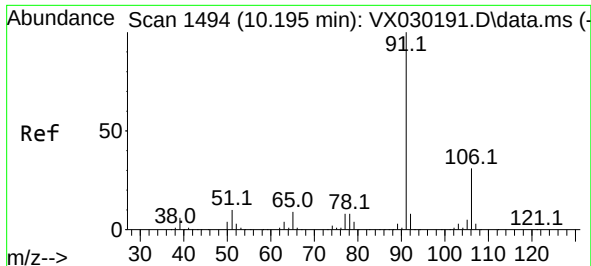
Ion Ratio Lower Upper

117 100

82 56.7 42.7 64.1

119 32.1 25.4 38.2

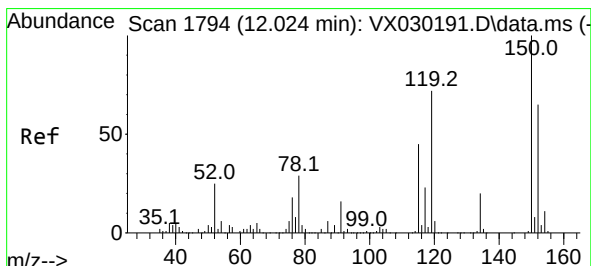
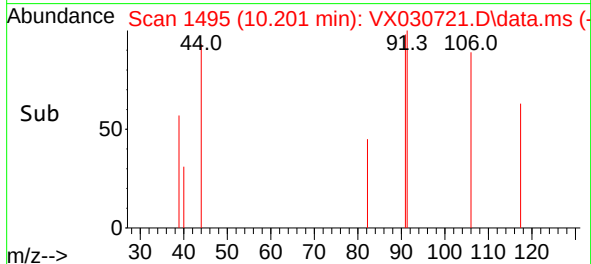
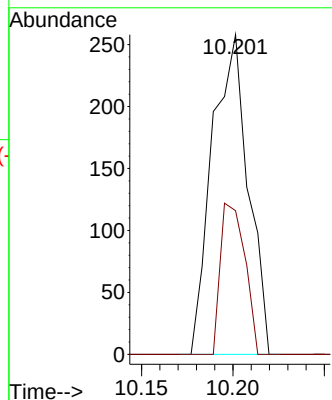
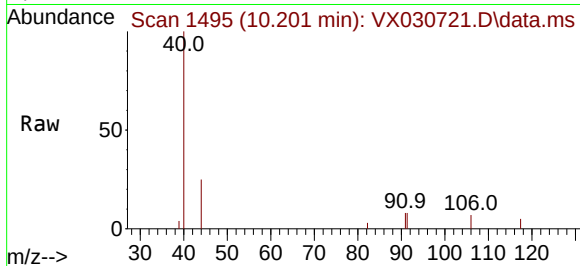




#67
Ethyl Benzene
Concen: Below Cal
RT: 10.201 min Scan# 1495
Delta R.T. 0.006 min
Lab File: VX030721.D
Acq: 23 Aug 2022 10:45

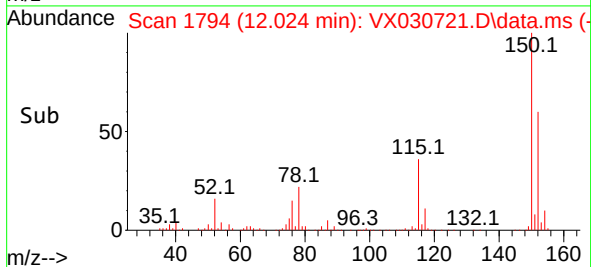
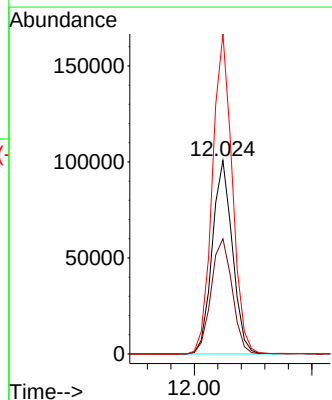
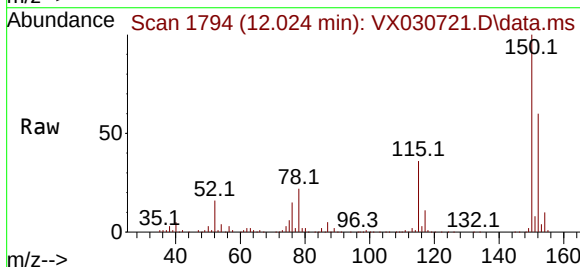
Instrument :
MSVOA_X
ClientSampleId :
VX0823MBL01

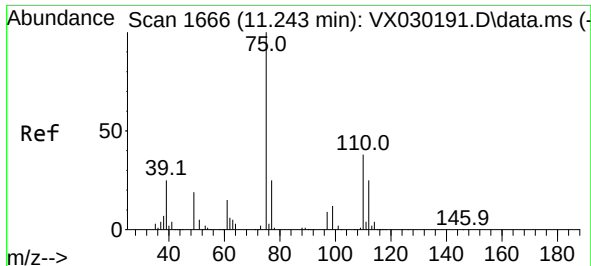
Tgt Ion: 91 Resp: 353
Ion Ratio Lower Upper
91 100
106 45.0 25.5 38.3#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX030721.D
Acq: 23 Aug 2022 10:45

Tgt Ion:152 Resp: 120265
Ion Ratio Lower Upper
152 100
115 62.5 40.5 121.5
150 163.3 0.0 347.0

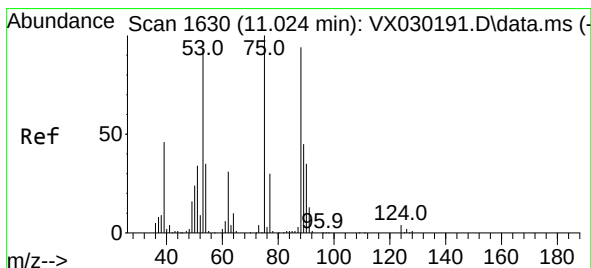
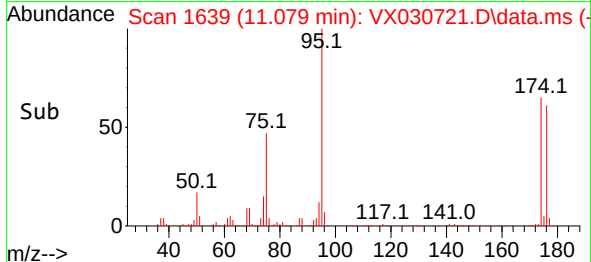
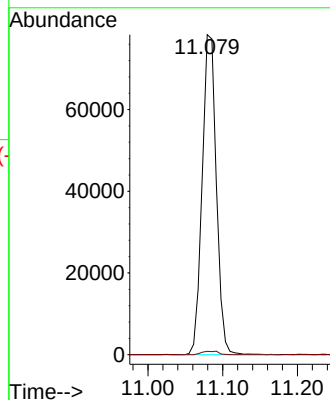
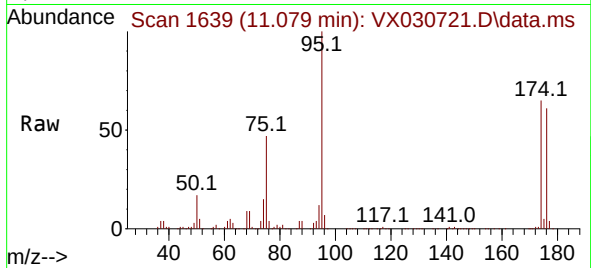




#76
1,2,3-Trichloropropane
Concen: 32.550 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.164 min
Lab File: VX030721.D
Acq: 23 Aug 2022 10:45

Instrument :
MSVOA_X
ClientSampleId :
VX0823MBL01

Tgt Ion: 75 Resp: 103186
Ion Ratio Lower Upper
75 100
77 1.2 19.8 59.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 97.646 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.055 min
Lab File: VX030721.D
Acq: 23 Aug 2022 10:45

Tgt Ion: 75 Resp: 103186
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.1 34.8 52.2#

