

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080122\
 Data File : VX030313.D
 Acq On : 01 Aug 2022 11:21
 Operator : JC/MD
 Sample : VX0801MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0801MBL01

Quant Time: Aug 02 01:48:49 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)

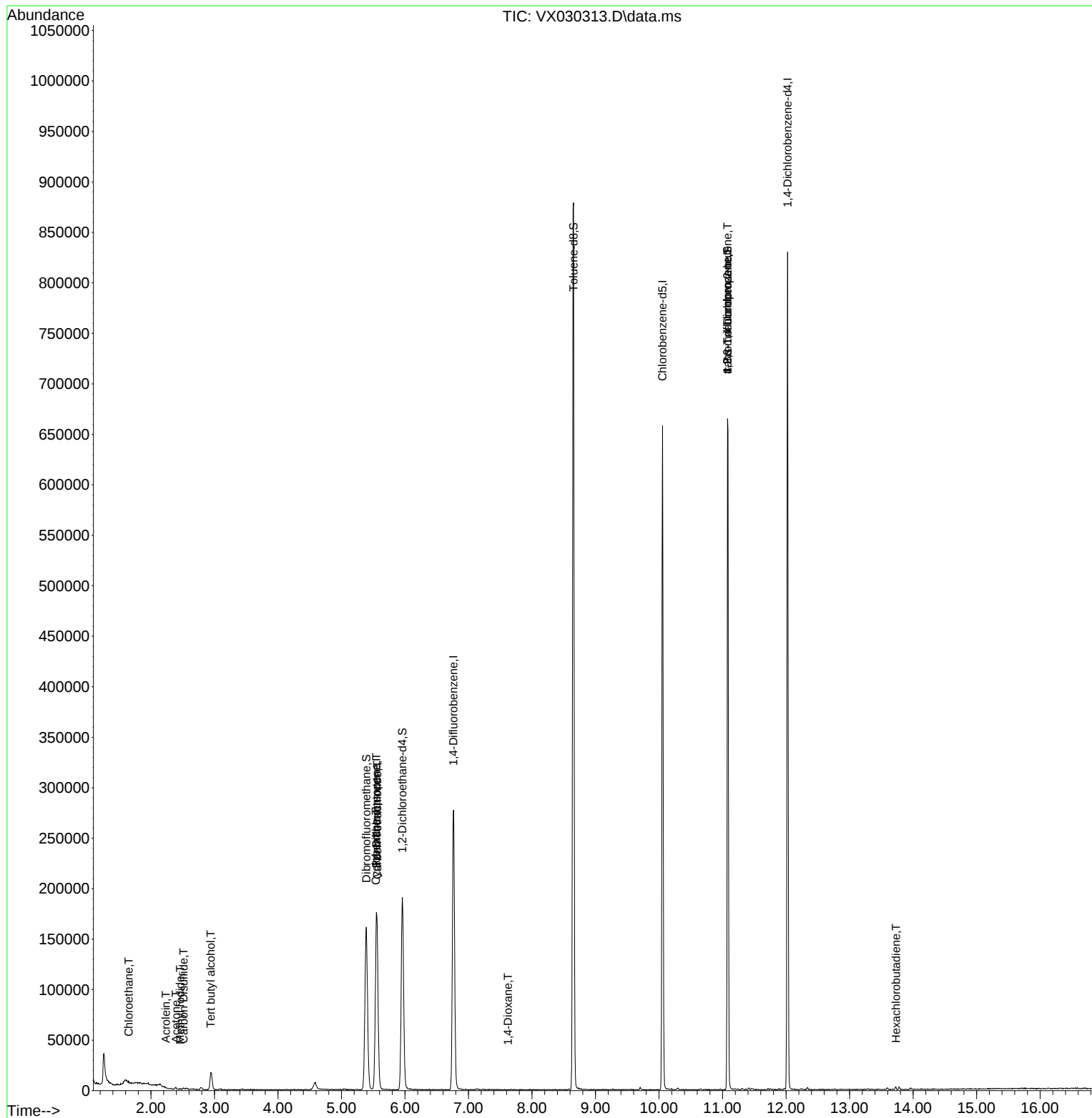
Internal Standards						
1) Pentafluorobenzene	5.550	168	167261	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.763	114	286200	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	286449	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	160536	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	178909	53.218	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.440%			
35) Dibromofluoromethane	5.391	113	144284	52.737	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.480%			
50) Toluene-d8	8.653	98	531731	50.186	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.380%			
62) 4-Bromofluorobenzene	11.079	95	186730	47.488	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 94.980%			
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	659	Below Cal	#	74
6) Chloroethane	1.648	64	10072	6.404	ug/l #	54
10) Methyl Iodide	2.459	142	704	1.787	ug/l #	80
11) Tert butyl alcohol	2.940	59	10348	12.619	ug/l #	78
13) Acrolein	2.233	56	131	0.650	ug/l #	14
16) Acetone	2.392	43	1937	1.125	ug/l	89
17) Carbon Disulfide	2.514	76	1487	0.211	ug/l #	68
20) Methylene Chloride	2.794	84	953	Below Cal	#	78
31) Cyclohexane	5.544	56	3957	0.811	ug/l #	7
36) 1,1-Dichloropropene	5.550	75	14457	3.672	ug/l #	47
38) Carbon Tetrachloride	5.562	117	16741	4.555	ug/l #	19
49) 1,4-Dioxane	7.622	88	32	0.344	ug/l #	25
67) Ethyl Benzene	10.195	91	420	Below Cal	#	82
76) 1,2,3-Trichloropropane	11.079	75	94234	22.269	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	94234	66.805	ug/l #	12
94) Hexachlorobutadiene	13.731	225	383	0.293	ug/l	78

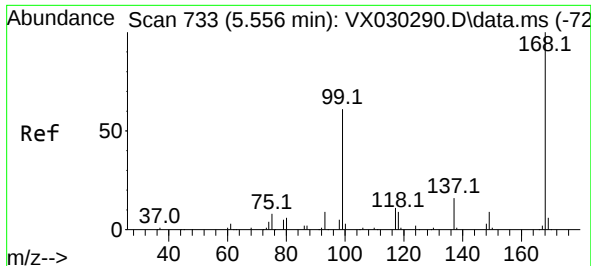
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080122\
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Quant Title : SW846 8260
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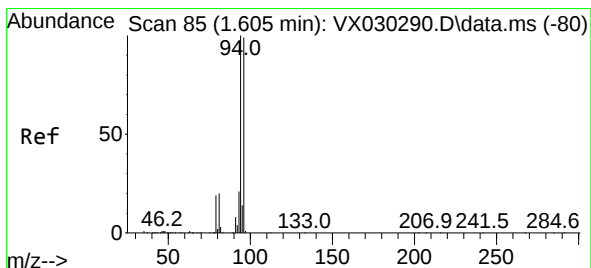
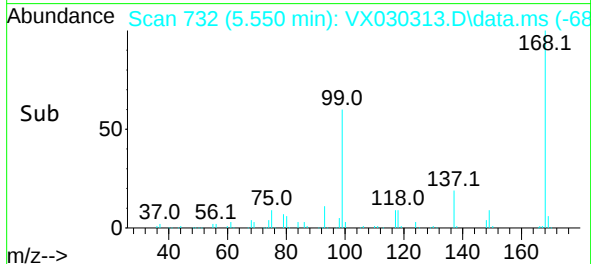
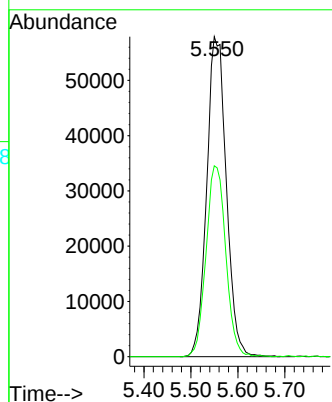
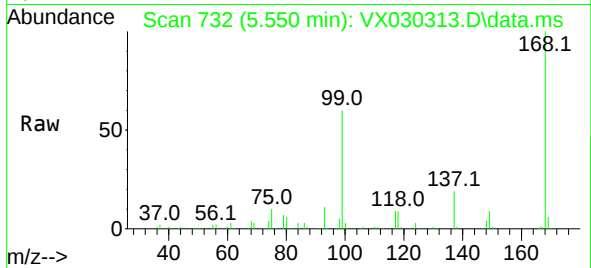




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.012 min
Lab File: VX030313.D
Acq: 01 Aug 2022 11:21

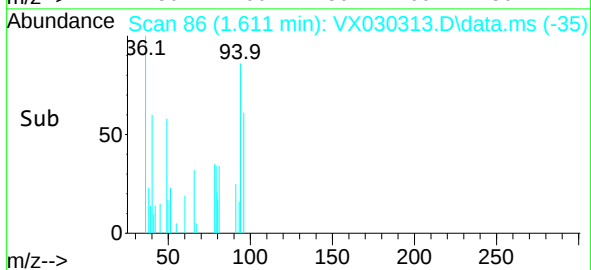
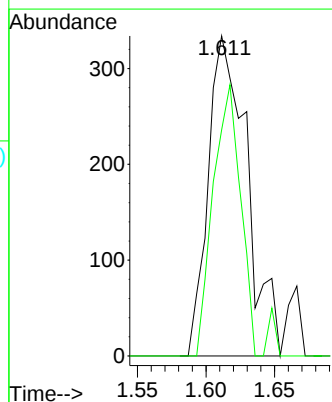
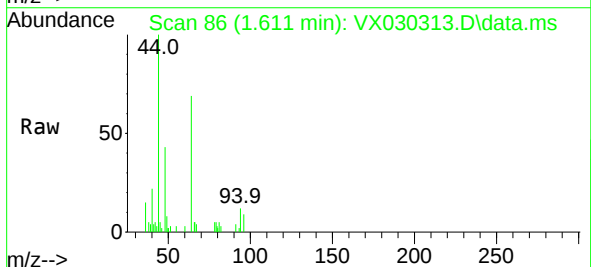
Instrument :
MSVOA_X
ClientSampleId :
VX0801MBL01

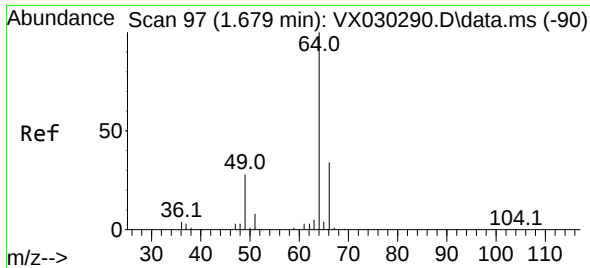
Tgt Ion:168 Resp: 167261
Ion Ratio Lower Upper
168 100
99 59.7 44.0 66.0



#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX030313.D
Acq: 01 Aug 2022 11:21

Tgt Ion: 94 Resp: 659
Ion Ratio Lower Upper
94 100
96 70.7 76.9 115.3#

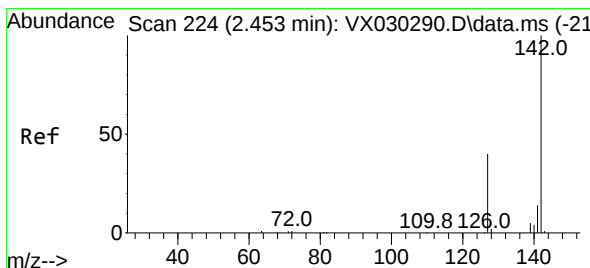
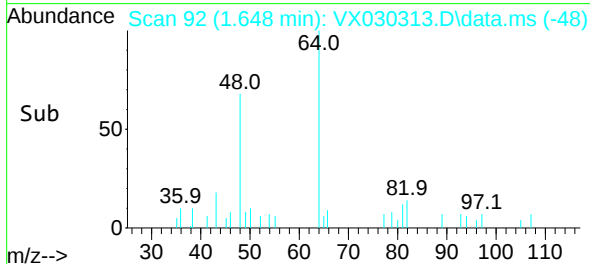
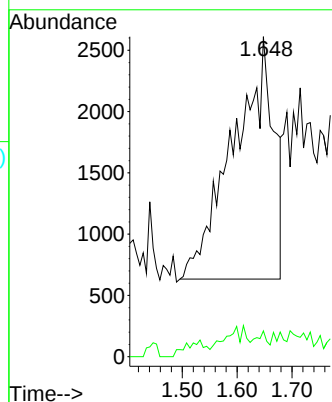
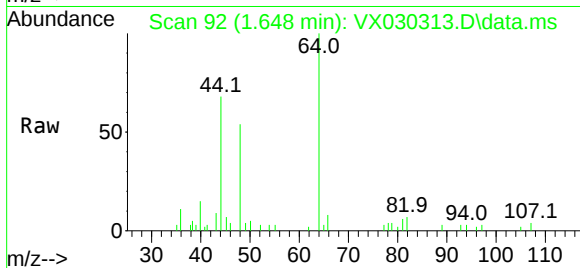




#6
Chloroethane
Concen: 6.404 ug/l
RT: 1.648 min Scan# 91
Delta R.T. -0.030 min
Lab File: VX030313.D
Acq: 01 Aug 2022 11:21

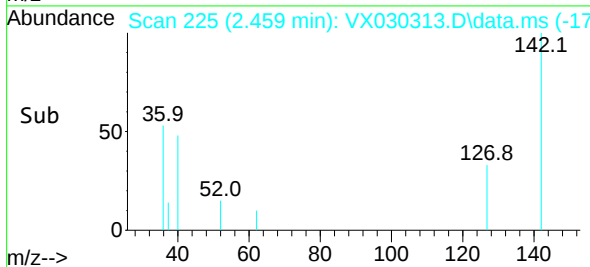
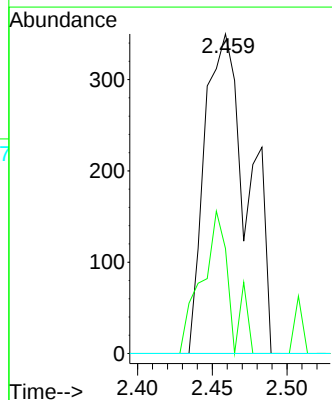
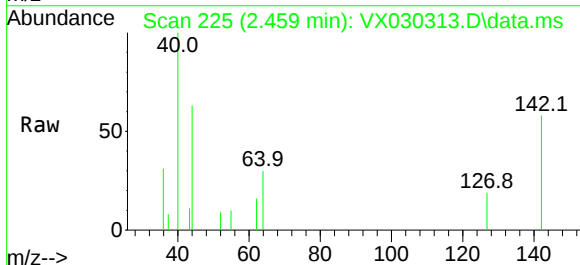
Instrument :
MSVOA_X
ClientSampleId :
VX0801MBL01

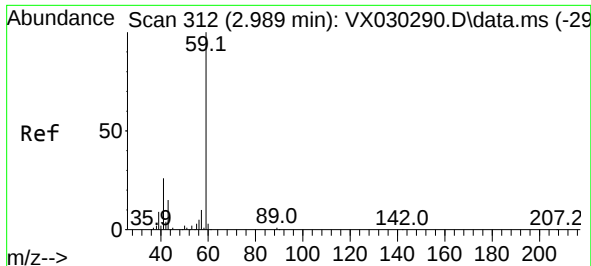
Tgt Ion: 64 Resp: 10072
Ion Ratio Lower Upper
64 100
66 7.7 27.2 40.8#



#10
Methyl Iodide
Concen: 1.787 ug/l
RT: 2.459 min Scan# 225
Delta R.T. 0.013 min
Lab File: VX030313.D
Acq: 01 Aug 2022 11:21

Tgt Ion:142 Resp: 704
Ion Ratio Lower Upper
142 100
127 29.3 30.2 45.2#
141 0.0 11.3 16.9#





#11

Tert butyl alcohol

Concen: 12.619 ug/l

RT: 2.940 min Scan# 304

Delta R.T. -0.037 min

Lab File: VX030313.D

Acq: 01 Aug 2022 11:21

Instrument :

MSVOA_X

ClientSampleId :

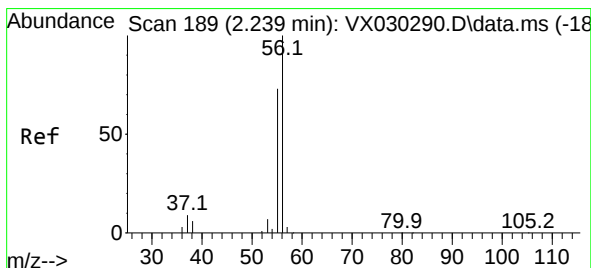
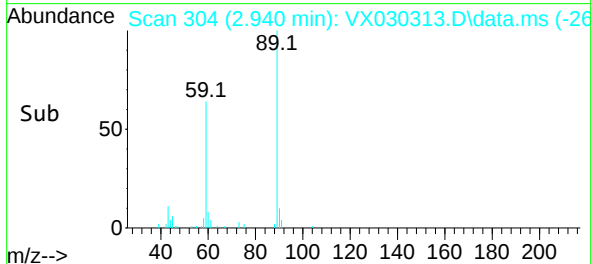
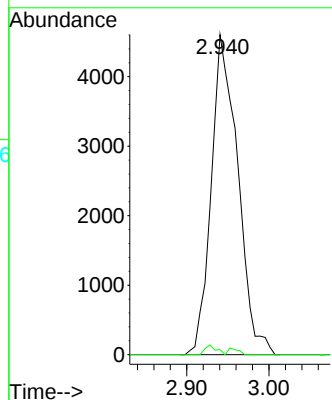
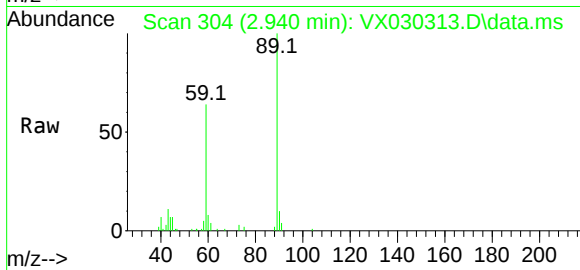
VX0801MBL01

Tgt Ion: 59 Resp: 10348

Ion Ratio Lower Upper

59 100

57 1.3 7.4 11.2#



#13

Acrolein

Concen: 0.650 ug/l

RT: 2.233 min Scan# 188

Delta R.T. -0.006 min

Lab File: VX030313.D

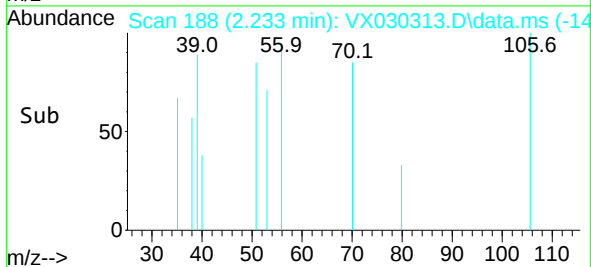
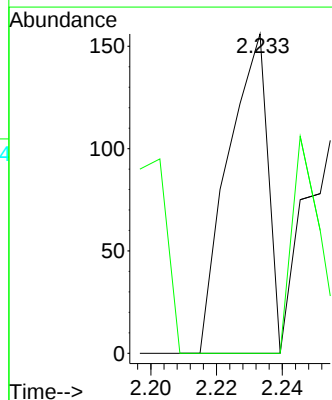
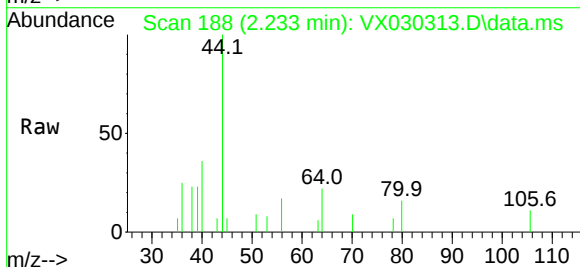
Acq: 01 Aug 2022 11:21

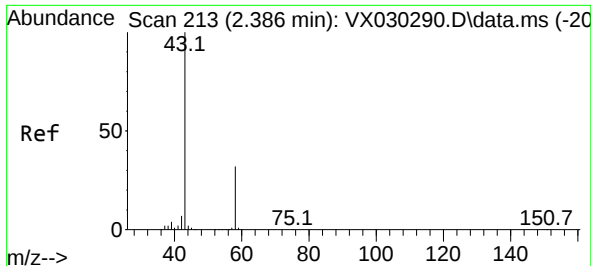
Tgt Ion: 56 Resp: 131

Ion Ratio Lower Upper

56 100

55 0.0 56.6 84.8#

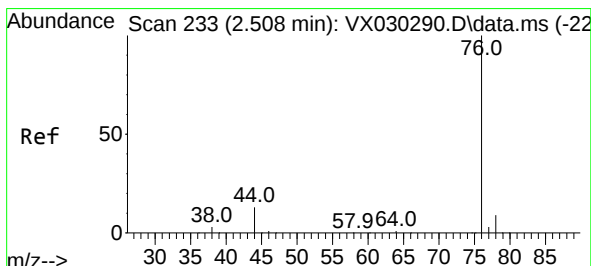
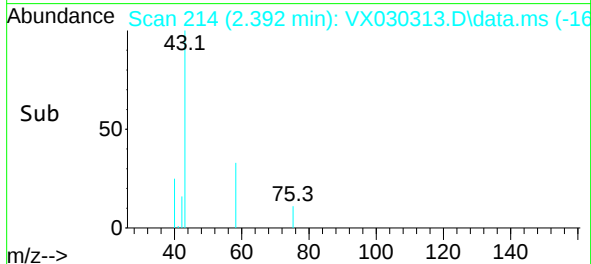
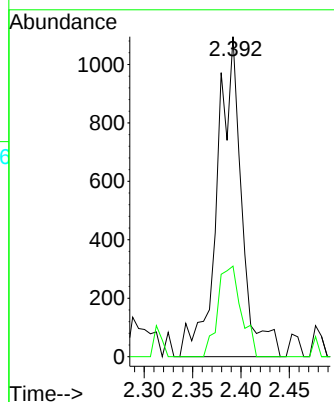
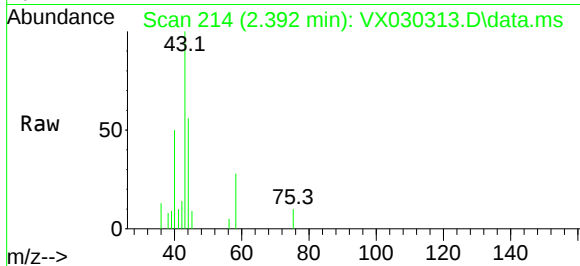




#16
Acetone
Concen: 1.125 ug/l
RT: 2.392 min Scan# 213
Delta R.T. 0.007 min
Lab File: VX030313.D
Acq: 01 Aug 2022 11:21

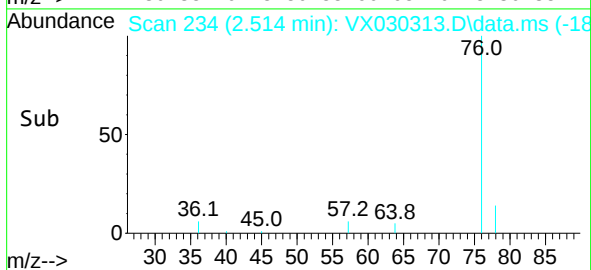
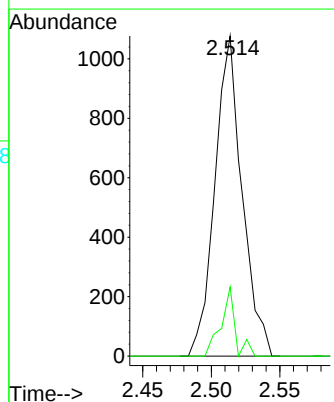
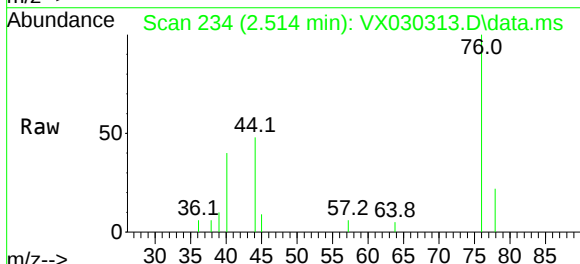
Instrument :
MSVOA_X
ClientSampleId :
VX0801MBL01

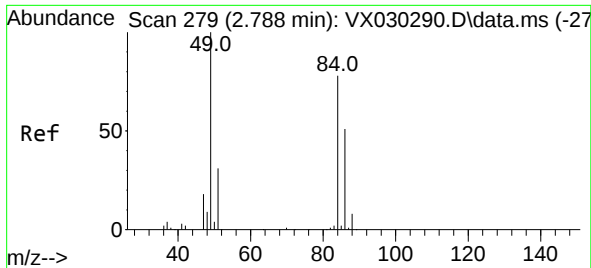
Tgt Ion: 43 Resp: 1937
Ion Ratio Lower Upper
43 100
58 28.3 27.7 41.5



#17
Carbon Disulfide
Concen: 0.211 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.007 min
Lab File: VX030313.D
Acq: 01 Aug 2022 11:21

Tgt Ion: 76 Resp: 1487
Ion Ratio Lower Upper
76 100
78 21.6 7.8 11.6#

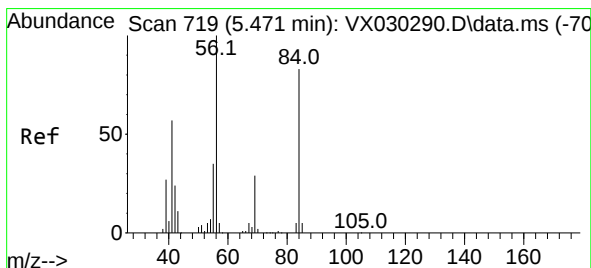
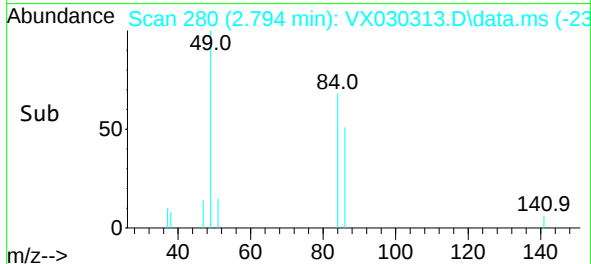
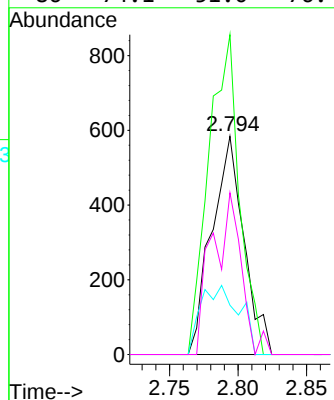
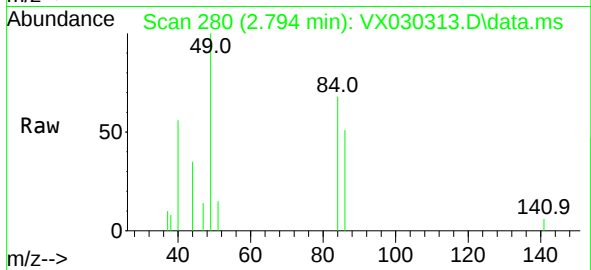




#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX030313.D
Acq: 01 Aug 2022 11:21

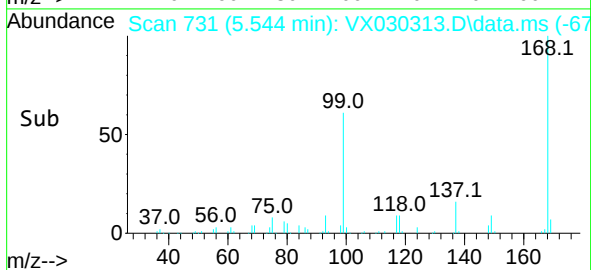
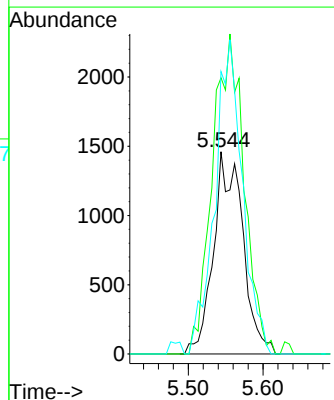
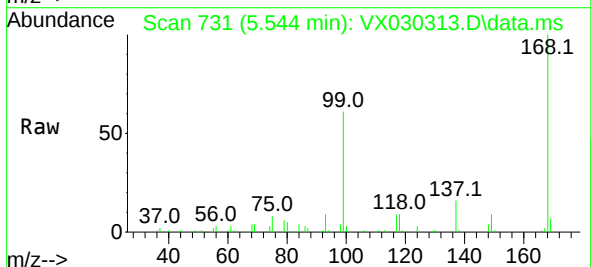
Instrument :
MSVOA_X
ClientSampleId :
VX0801MBL01

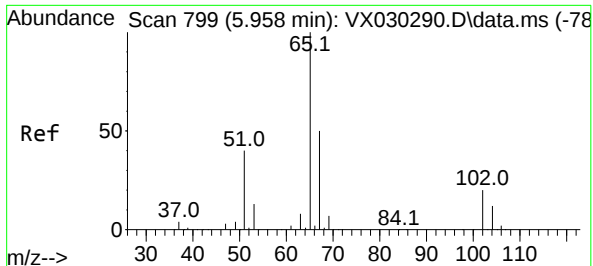
Tgt Ion:	84	Resp:	953
Ion	Ratio	Lower	Upper
84	100		
49	146.6	93.8	140.6#
51	22.6	29.4	44.0#
86	74.1	51.0	76.4



#31
Cyclohexane
Concen: 0.811 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.074 min
Lab File: VX030313.D
Acq: 01 Aug 2022 11:21

Tgt Ion:	56	Resp:	3957
Ion	Ratio	Lower	Upper
56	100		
69	136.6	25.4	38.0#
84	139.6	68.9	103.3#





#33

1,2-Dichloroethane-d4

Concen: 53.218 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX030313.D

Acq: 01 Aug 2022 11:21

Instrument :

MSVOA_X

ClientSampleId :

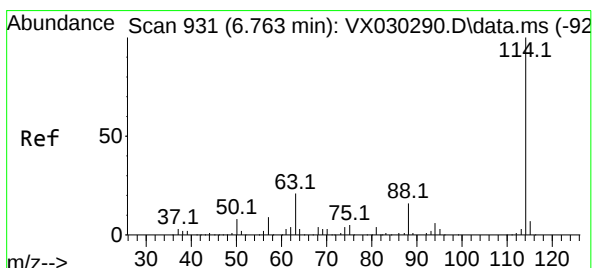
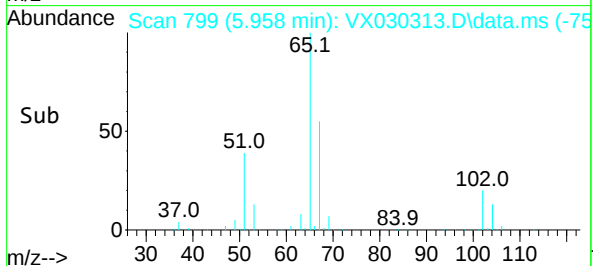
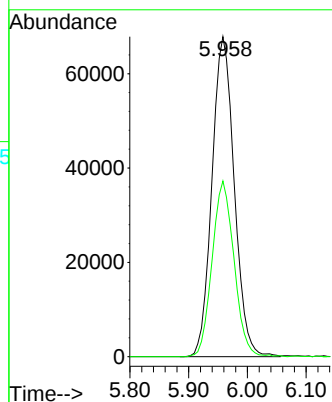
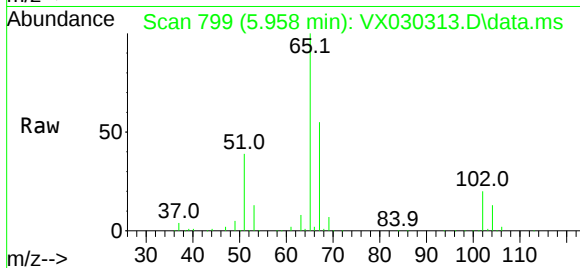
VX0801MBL01

Tgt Ion: 65 Resp: 178909

Ion Ratio Lower Upper

65 100

67 54.0 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: VX030313.D

Acq: 01 Aug 2022 11:21

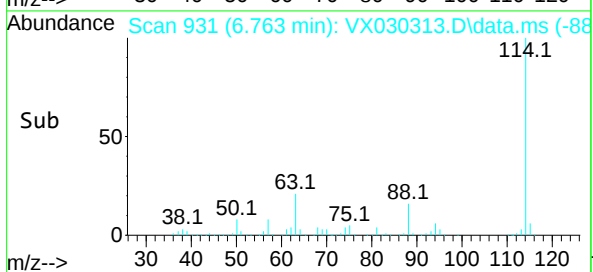
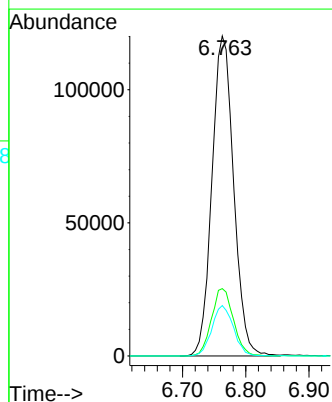
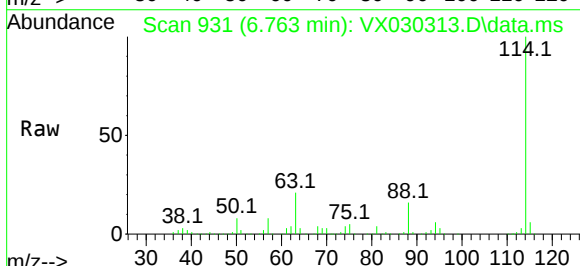
Tgt Ion: 114 Resp: 286200

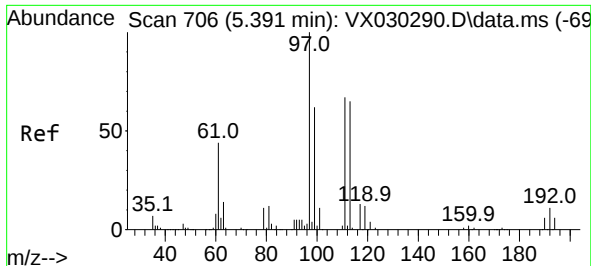
Ion Ratio Lower Upper

114 100

63 21.1 0.0 38.4

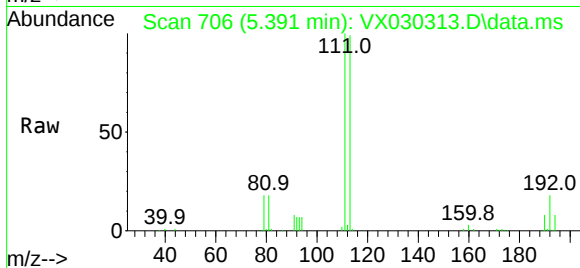
88 15.7 0.0 31.8



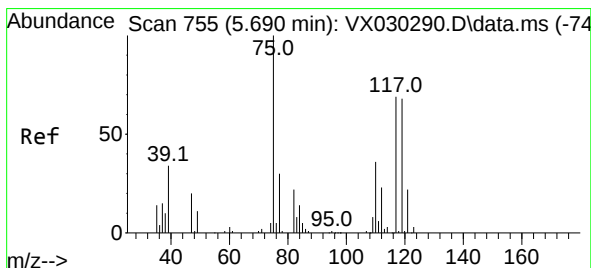
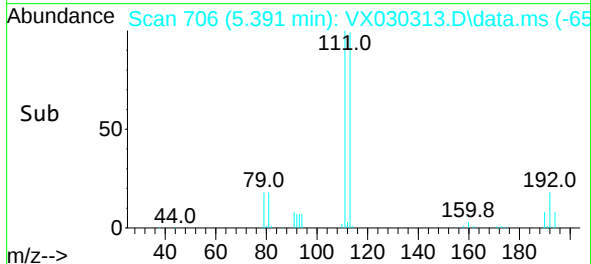
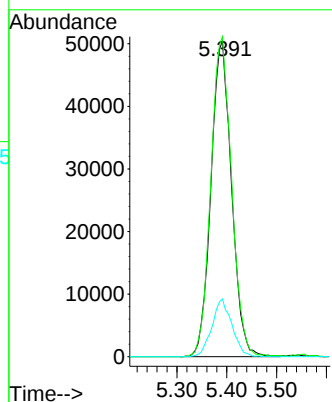


#35
Dibromofluoromethane
Concen: 52.737 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX030313.D
Acq: 01 Aug 2022 11:21

Instrument :
MSVOA_X
ClientSampleId :
VX0801MBL01

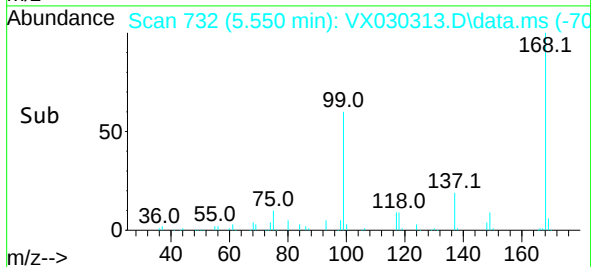
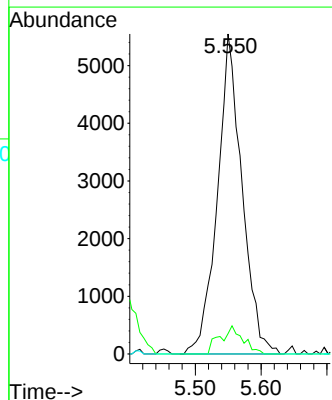
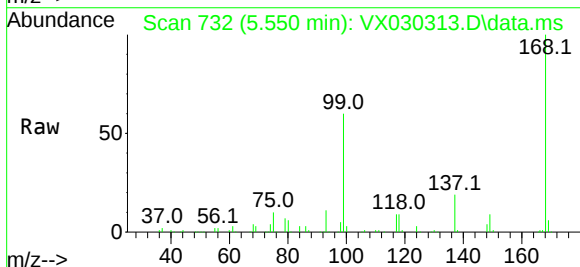


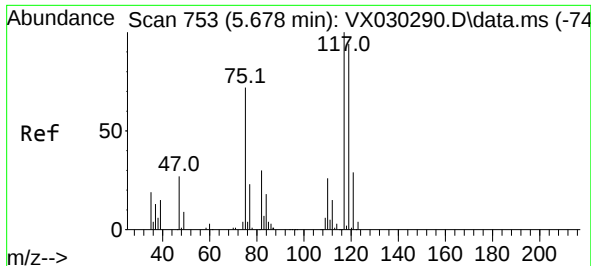
Tgt Ion:113 Resp: 144284
Ion Ratio Lower Upper
113 100
111 102.5 83.2 124.8
192 17.8 14.8 22.2



#36
1,1-Dichloropropene
Concen: 3.672 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX030313.D
Acq: 01 Aug 2022 11:21

Tgt Ion: 75 Resp: 14457
Ion Ratio Lower Upper
75 100
110 8.2 19.3 57.9#
77 0.0 24.4 36.6#

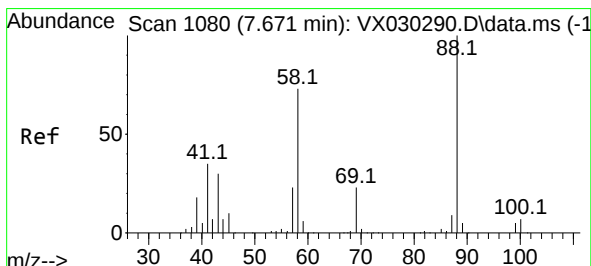
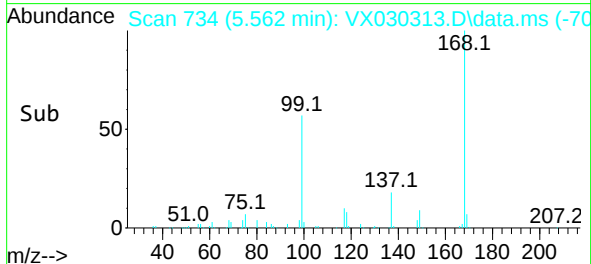
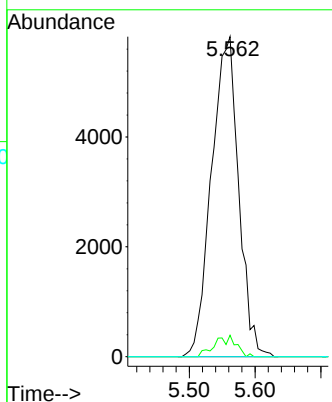
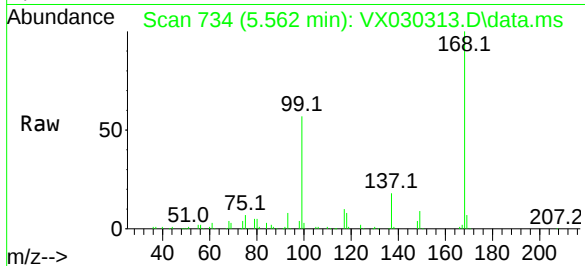




#38
Carbon Tetrachloride
Concen: 4.555 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.121 min
Lab File: VX030313.D
Acq: 01 Aug 2022 11:21

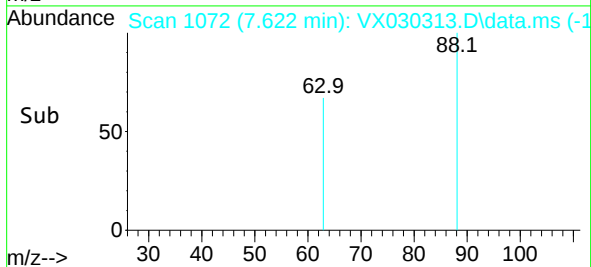
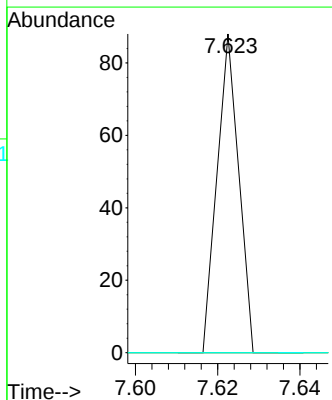
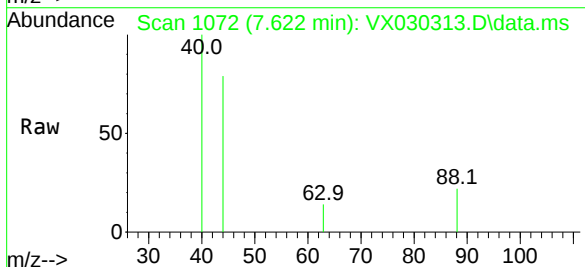
Instrument :
MSVOA_X
ClientSampleId :
VX0801MBL01

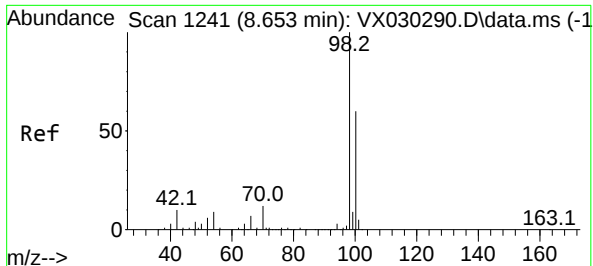
Tgt Ion:117 Resp: 16741
Ion Ratio Lower Upper
117 100
119 6.7 74.1 111.1#
121 0.0 25.8 38.8#



#49
1,4-Dioxane
Concen: 0.344 ug/l
RT: 7.622 min Scan# 1072
Delta R.T. -0.043 min
Lab File: VX030313.D
Acq: 01 Aug 2022 11:21

Tgt Ion: 88 Resp: 32
Ion Ratio Lower Upper
88 100
43 0.0 23.8 35.8#
58 0.0 53.8 80.6#

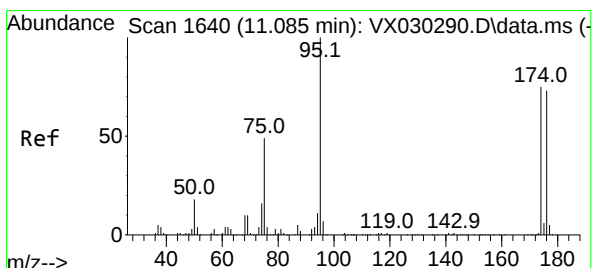
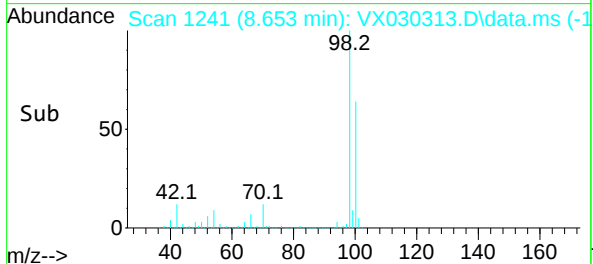
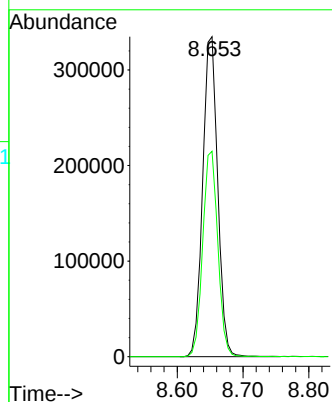
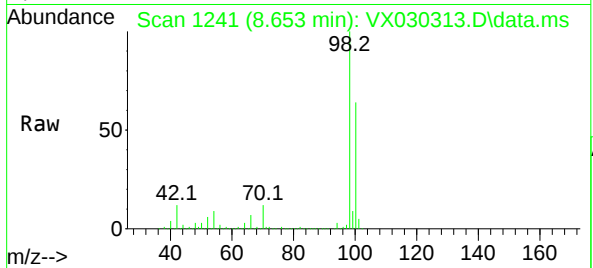




#50
Toluene-d8
Concen: 50.186 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX030313.D
Acq: 01 Aug 2022 11:21

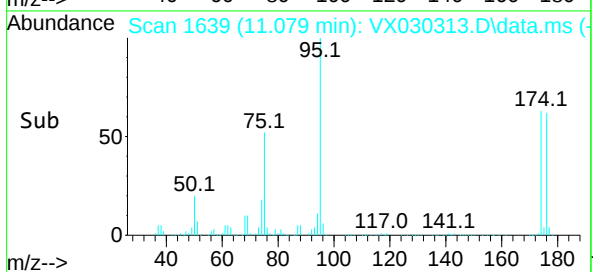
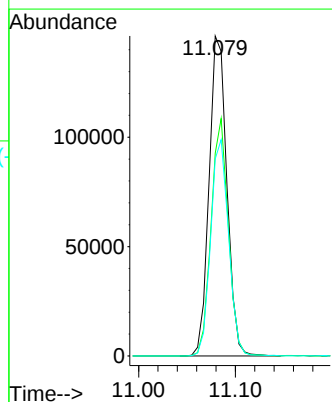
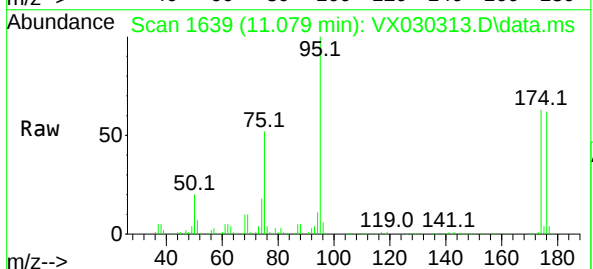
Instrument :
MSVOA_X
ClientSampleId :
VX0801MBL01

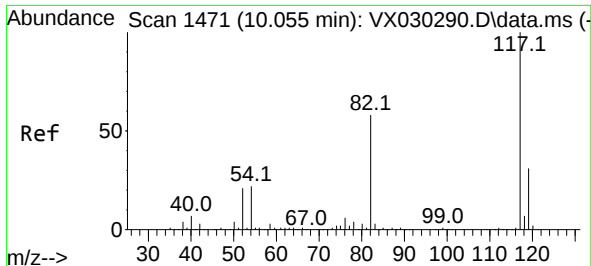
Tgt Ion: 98 Resp: 531731
Ion Ratio Lower Upper
98 100
100 64.4 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 47.488 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX030313.D
Acq: 01 Aug 2022 11:21

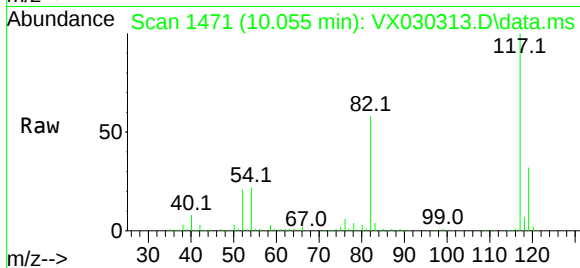
Tgt Ion: 95 Resp: 186730
Ion Ratio Lower Upper
95 100
174 71.7 0.0 149.0
176 68.0 0.0 146.0



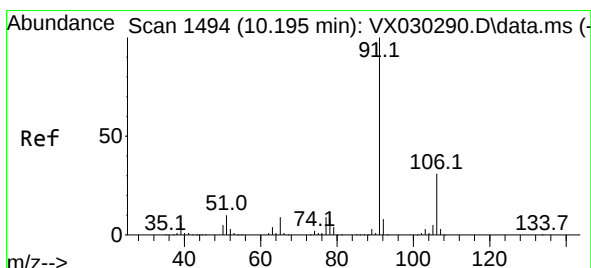
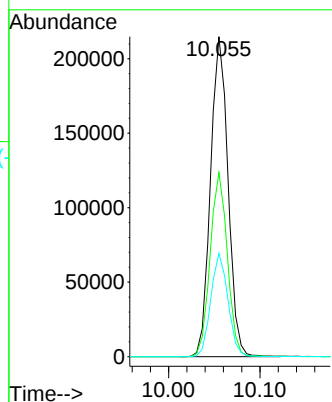
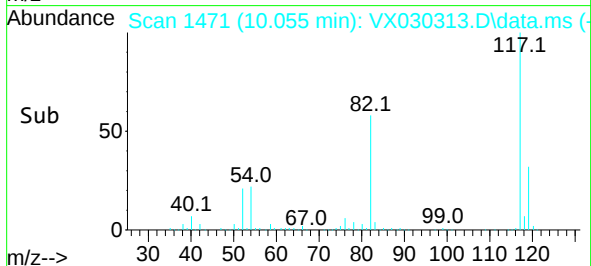


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030313.D
Acq: 01 Aug 2022 11:21

Instrument :
MSVOA_X
ClientSampleId :
VX0801MBL01

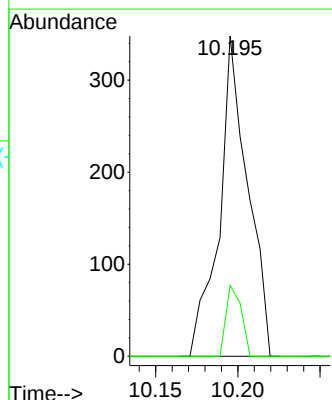
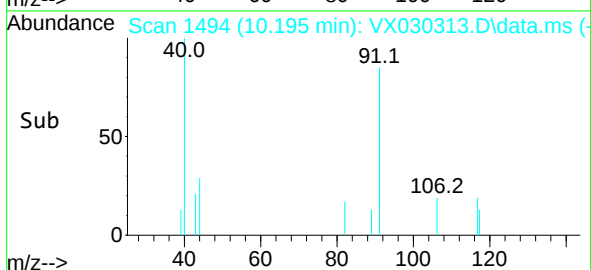
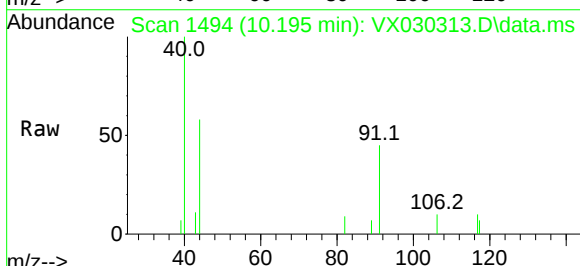


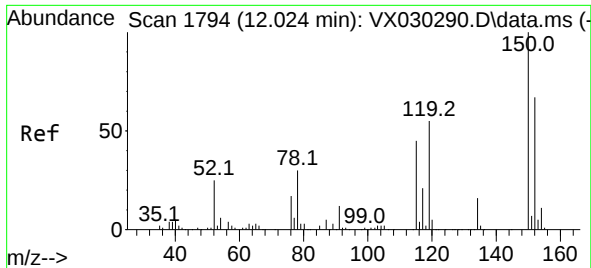
Tgt Ion:117 Resp: 286449
Ion Ratio Lower Upper
117 100
82 57.5 42.7 64.1
119 32.3 25.4 38.2



#67
Ethyl Benzene
Concen: Below Cal
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX030313.D
Acq: 01 Aug 2022 11:21

Tgt Ion: 91 Resp: 420
Ion Ratio Lower Upper
91 100
106 22.1 25.5 38.3#

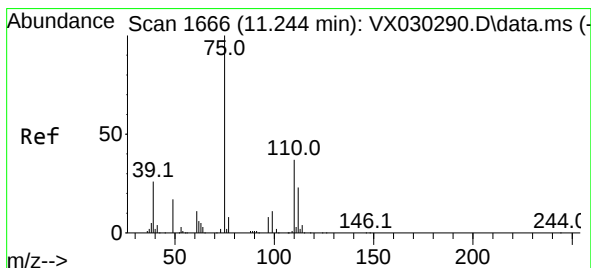
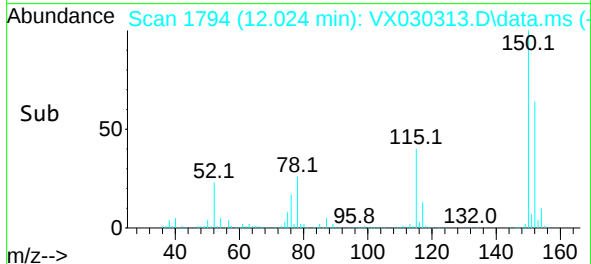
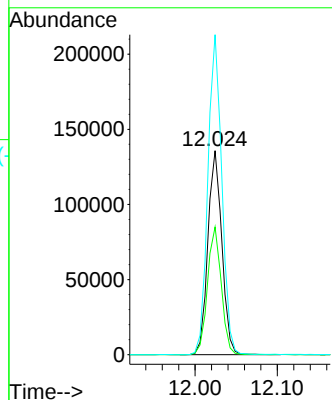
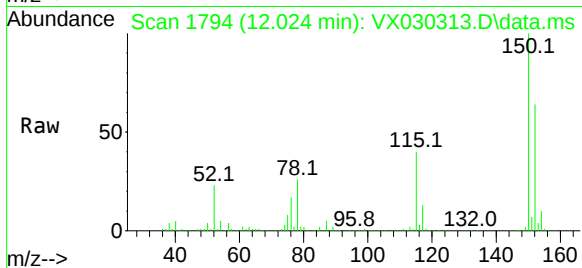




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX030313.D
 Acq: 01 Aug 2022 11:21

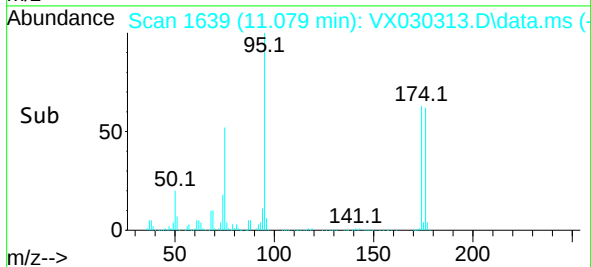
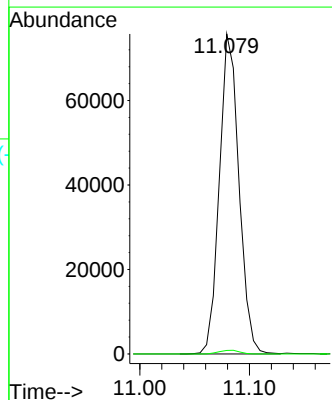
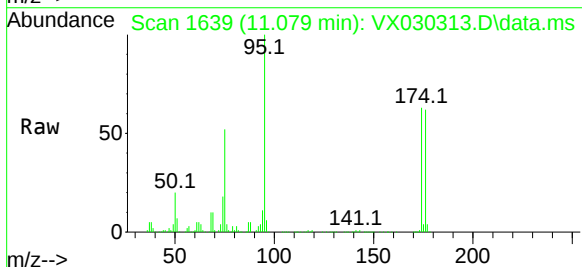
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0801MBL01

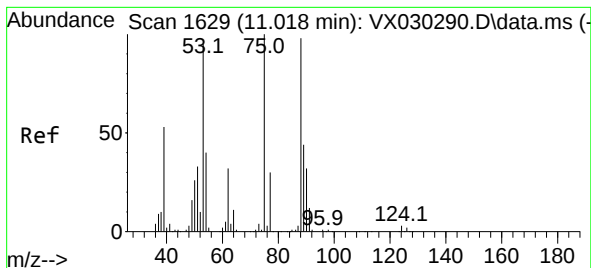
Tgt Ion:152 Resp: 160536
 Ion Ratio Lower Upper
 152 100
 115 61.6 40.5 121.5
 150 155.9 0.0 347.0



#76
 1,2,3-Trichloropropane
 Concen: 22.269 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.164 min
 Lab File: VX030313.D
 Acq: 01 Aug 2022 11:21

Tgt Ion: 75 Resp: 94234
 Ion Ratio Lower Upper
 75 100
 77 1.2 19.8 59.3#

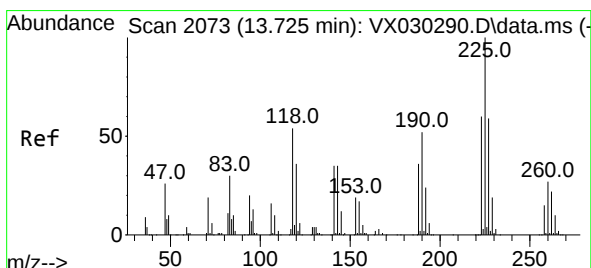
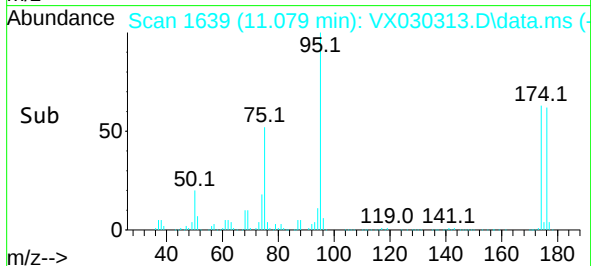
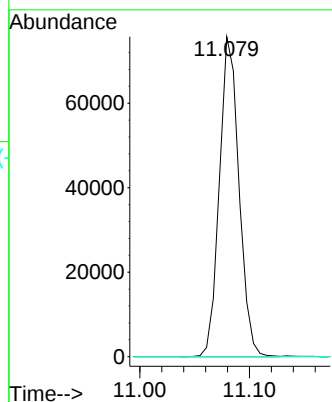
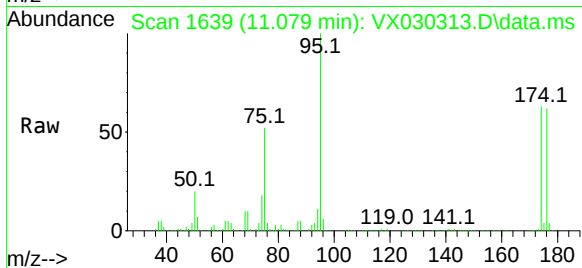




#81
 trans-1,4-Dichloro-2-butene
 Concen: 66.805 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. 0.055 min
 Lab File: VX030313.D
 Acq: 01 Aug 2022 11:21

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0801MBL01

Tgt Ion: 75 Resp: 94234
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.2 111.4#
 89 0.0 34.8 52.2#



#94
 Hexachlorobutadiene
 Concen: 0.293 ug/l
 RT: 13.731 min Scan# 2074
 Delta R.T. 0.006 min
 Lab File: VX030313.D
 Acq: 01 Aug 2022 11:21

Tgt Ion: 225 Resp: 383
 Ion Ratio Lower Upper
 225 100
 223 85.4 30.6 91.6
 227 73.9 31.9 95.9

