

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080122\
 Data File : VX030318.D
 Acq On : 01 Aug 2022 13:29
 Operator : JC/MD
 Sample : N3773-18ME
 Misc : 6.50g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DL-3(14.5-15)ME

Quant Time: Aug 02 01:51:18 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)

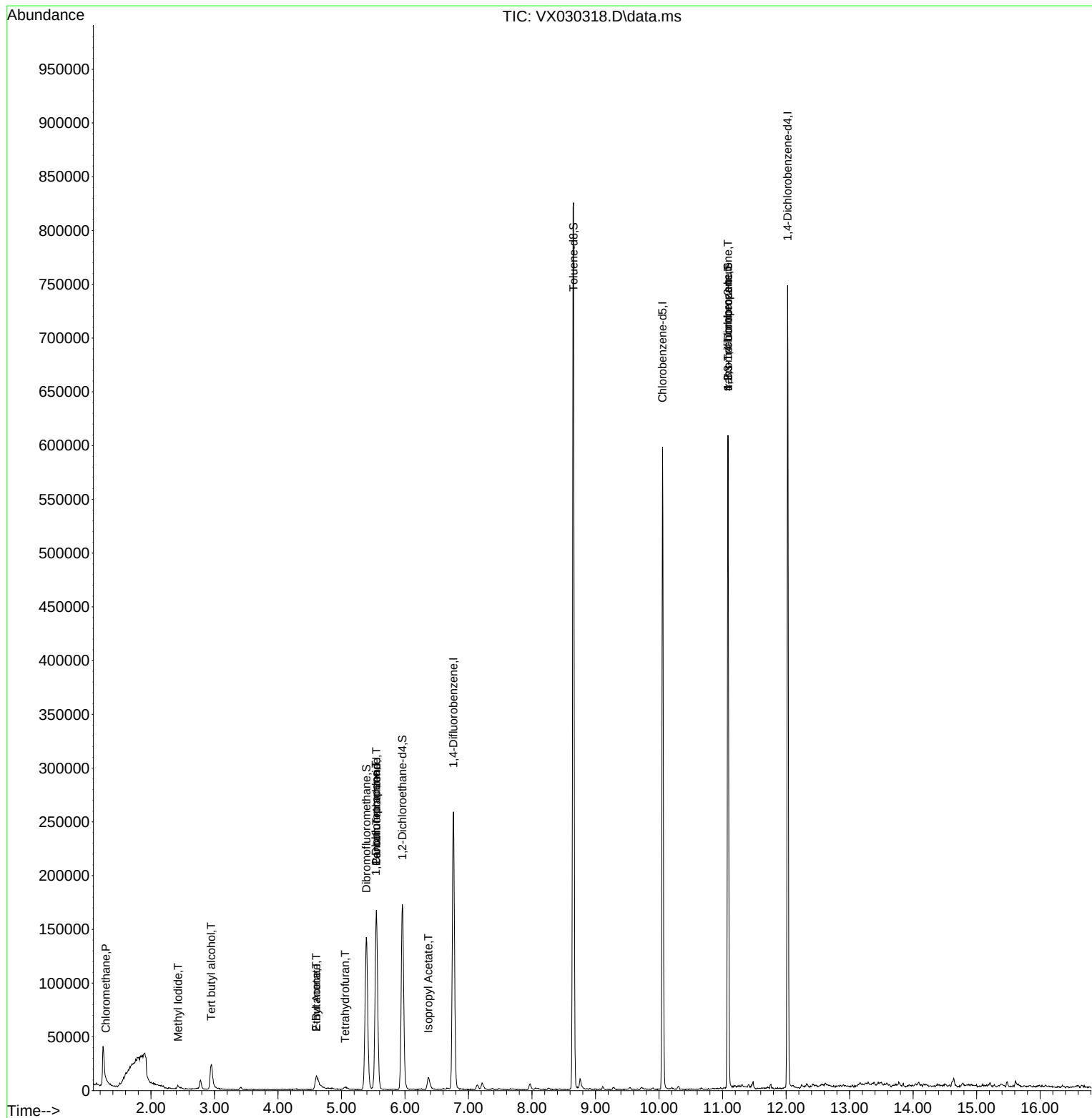
Internal Standards						
1) Pentafluorobenzene	5.550	168	159644	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.763	114	274179	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	276348	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	153107	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	165846	51.686	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.380%			
35) Dibromofluoromethane	5.391	113	128639	49.080	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.160%			
50) Toluene-d8	8.653	98	509834	50.229	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.460%			
62) 4-Bromofluorobenzene	11.085	95	174748	46.389	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 92.780%			
Target Compounds			Qvalue			
3) Chloromethane	1.288	50	669	0.258	ug/l	93
5) Bromomethane	1.593	94	706	Below Cal	#	64
10) Methyl Iodide	2.428	142	1329	2.043	ug/l	98
11) Tert butyl alcohol	2.947	59	18310	23.393	ug/l #	76
20) Methylene Chloride	2.782	84	3540	Below Cal	#	85
25) 2-Butanone	4.605	43	34123	12.361	ug/l	95
29) Tetrahydrofuran	5.056	42	2500	1.346	ug/l #	85
36) 1,1-Dichloropropene	5.544	75	13031	3.455	ug/l #	44
37) Ethyl Acetate	4.605	43	34123	6.388	ug/l #	69
38) Carbon Tetrachloride	5.550	117	16131	4.581	ug/l #	17
43) Isopropyl Acetate	6.367	43	6619	0.845	ug/l #	60
67) Ethyl Benzene	10.201	91	887	Below Cal		89
76) 1,2,3-Trichloropropane	11.085	75	84357	20.902	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	84357	62.705	ug/l #	13

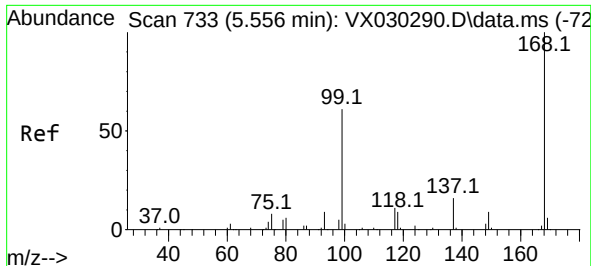
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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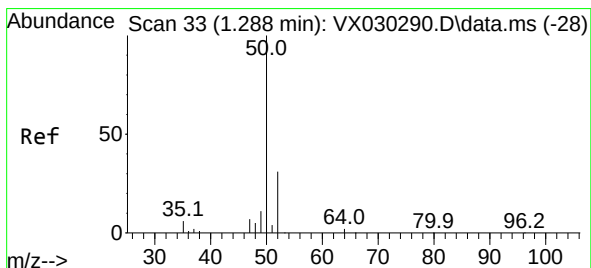
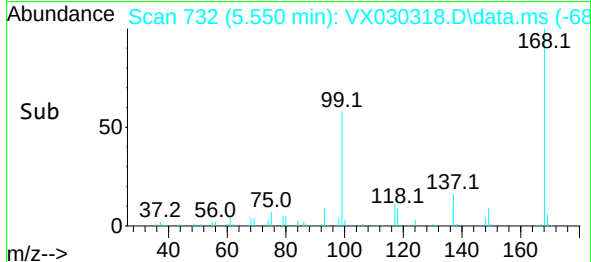
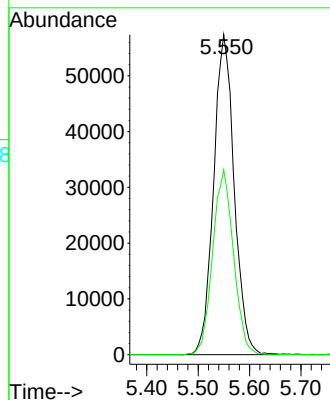
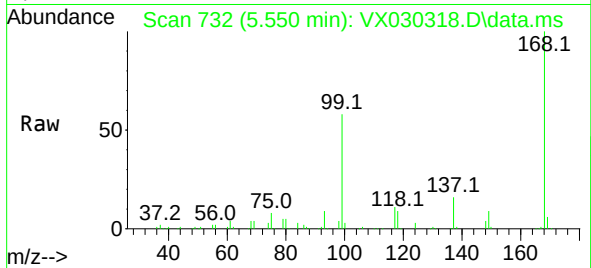




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.012 min
Lab File: VX030318.D
Acq: 01 Aug 2022 13:29

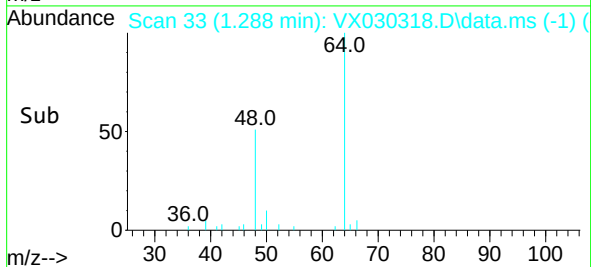
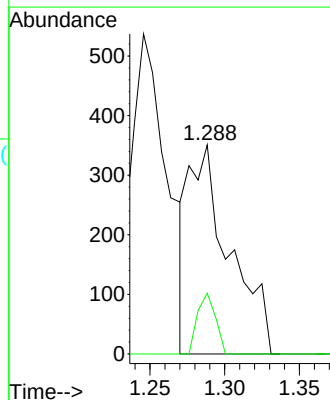
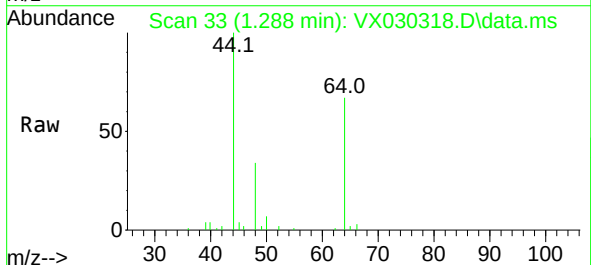
Instrument :
MSVOA_X
ClientSampleId :
DL-3(14.5-15)ME

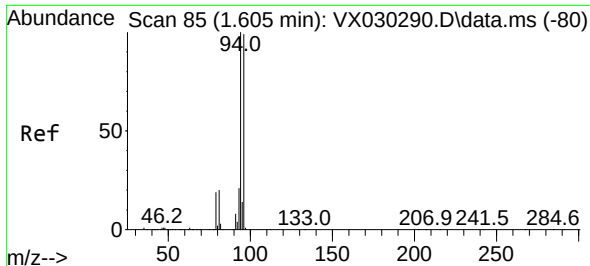
Tgt Ion:168 Resp: 159644
Ion Ratio Lower Upper
168 100
99 57.8 44.0 66.0



#3
Chloromethane
Concen: 0.258 ug/l
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX030318.D
Acq: 01 Aug 2022 13:29

Tgt Ion: 50 Resp: 669
Ion Ratio Lower Upper
50 100
52 29.1 26.3 39.5

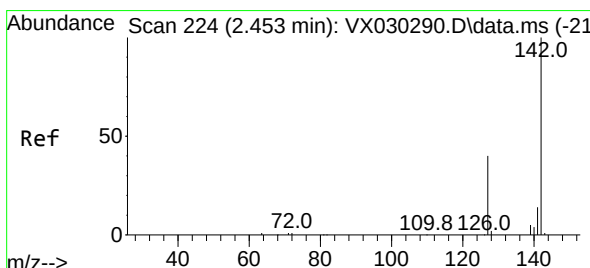
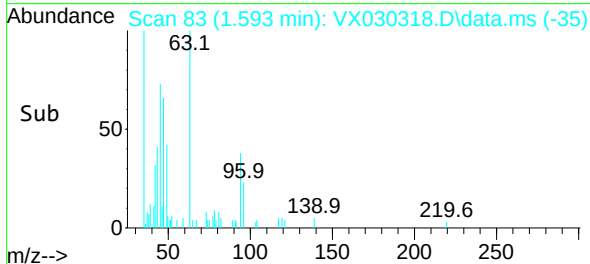
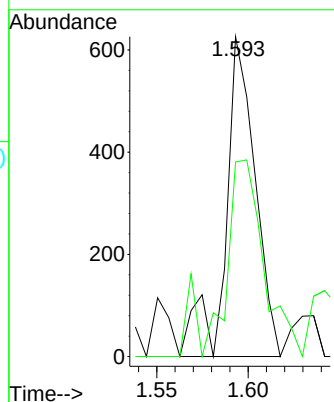
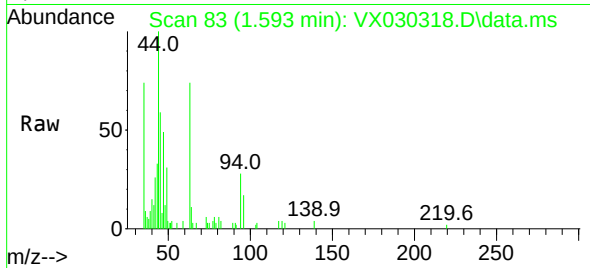




#5
Bromomethane
Concen: Below Cal
RT: 1.593 min Scan# 81
Delta R.T. -0.006 min
Lab File: VX030318.D
Acq: 01 Aug 2022 13:29

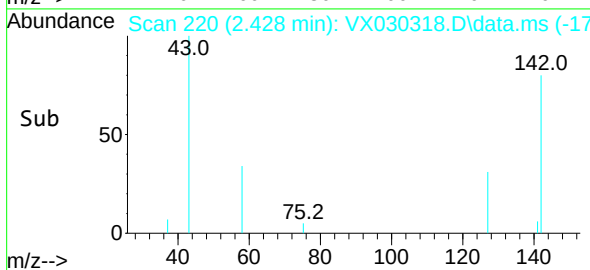
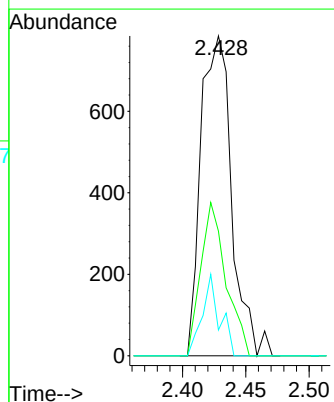
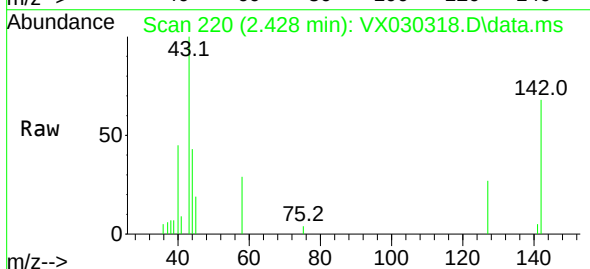
Instrument :
MSVOA_X
ClientSampleId :
DL-3(14.5-15)ME

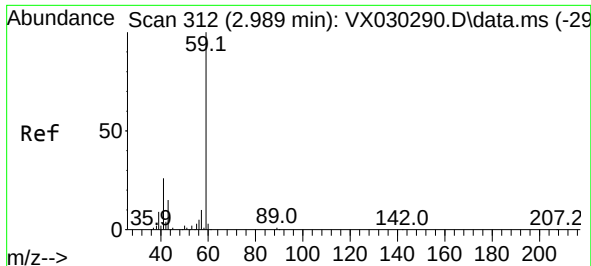
Tgt Ion: 94 Resp: 706
Ion Ratio Lower Upper
94 100
96 60.9 76.9 115.3#



#10
Methyl Iodide
Concen: 2.043 ug/l
RT: 2.428 min Scan# 220
Delta R.T. -0.018 min
Lab File: VX030318.D
Acq: 01 Aug 2022 13:29

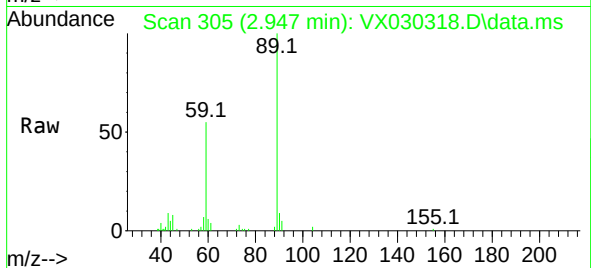
Tgt Ion: 142 Resp: 1329
Ion Ratio Lower Upper
142 100
127 39.3 30.2 45.2
141 14.4 11.3 16.9



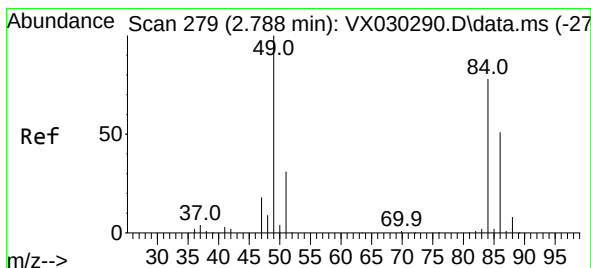
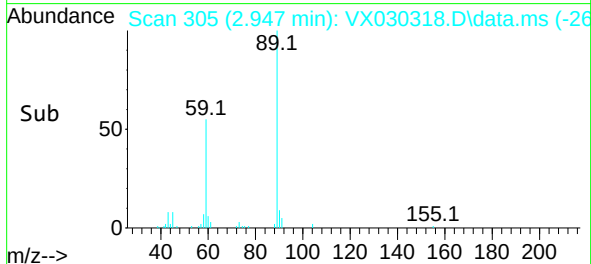
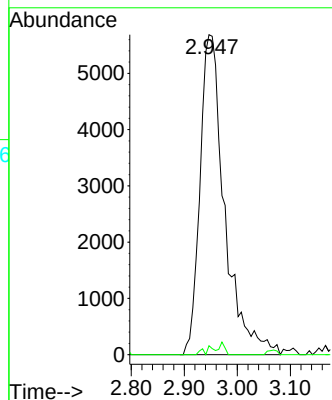


#11
Tert butyl alcohol
Concen: 23.393 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.030 min
Lab File: VX030318.D
Acq: 01 Aug 2022 13:29

Instrument :
MSVOA_X
ClientSampleId :
DL-3(14.5-15)ME

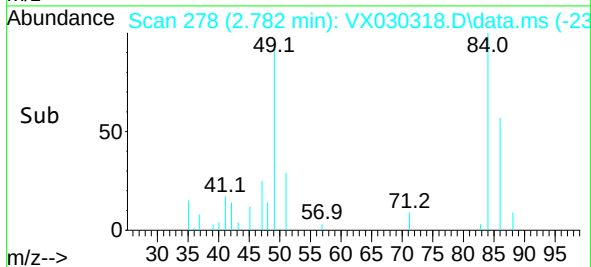
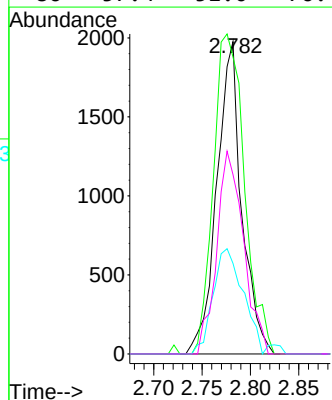
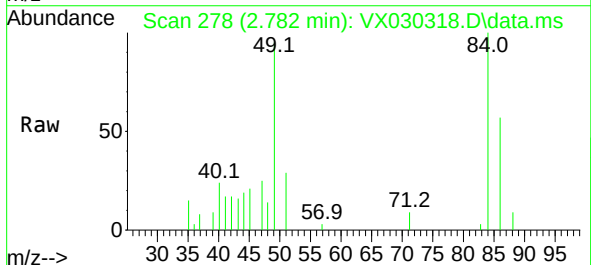


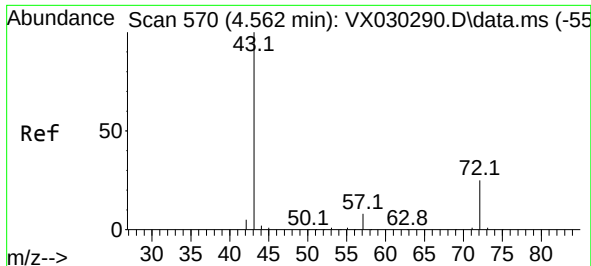
Tgt Ion: 59 Resp: 18310
Ion Ratio Lower Upper
59 100
57 0.7 7.4 11.2#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX030318.D
Acq: 01 Aug 2022 13:29

Tgt Ion: 84 Resp: 3540
Ion Ratio Lower Upper
84 100
49 95.1 93.8 140.6
51 29.0 29.4 44.0#
86 57.4 51.0 76.4

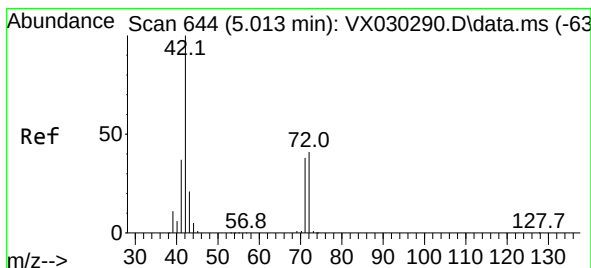
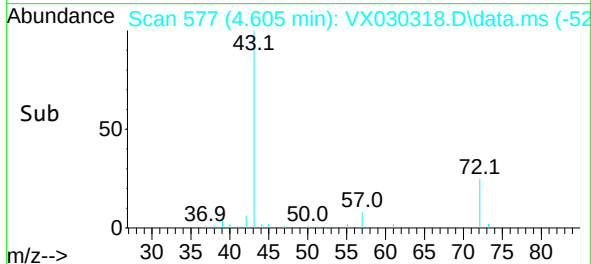
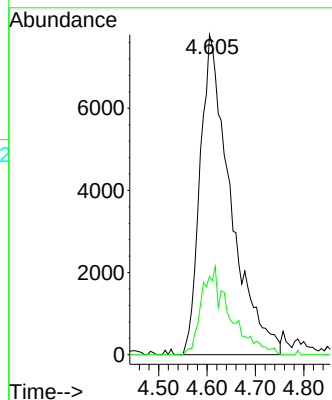
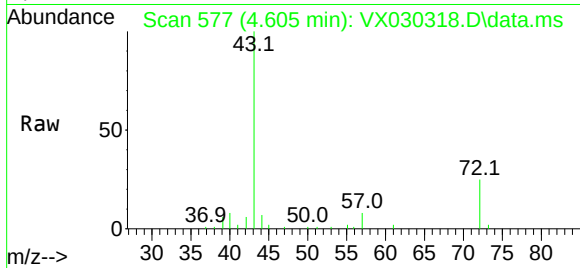




#25
2-Butanone
Concen: 12.361 ug/l
RT: 4.605 min Scan# 51
Delta R.T. 0.037 min
Lab File: VX030318.D
Acq: 01 Aug 2022 13:29

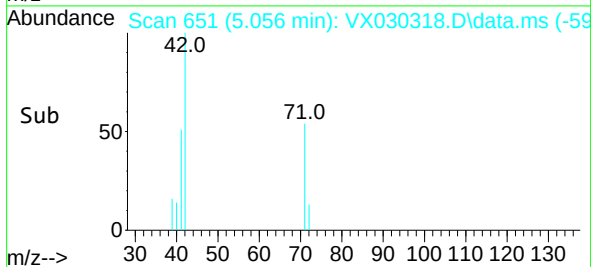
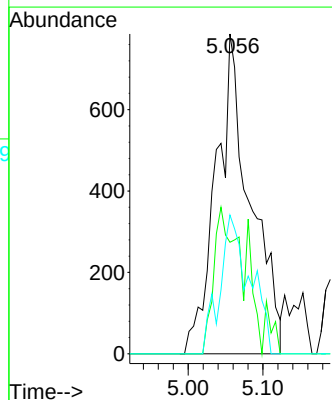
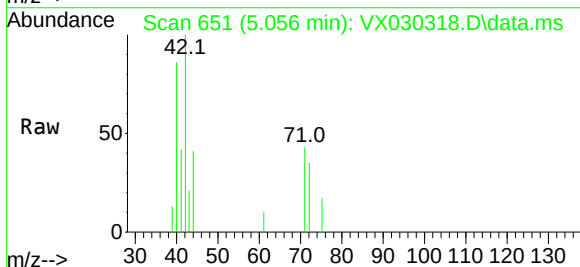
Instrument :
MSVOA_X
ClientSampleId :
DL-3(14.5-15)ME

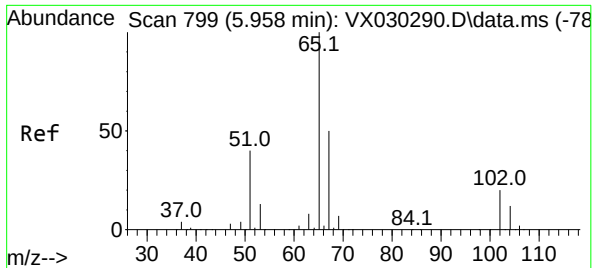
Tgt Ion: 43 Resp: 34123
Ion Ratio Lower Upper
43 100
72 24.5 21.7 32.5



#29
Tetrahydrofuran
Concen: 1.346 ug/l
RT: 5.056 min Scan# 651
Delta R.T. 0.043 min
Lab File: VX030318.D
Acq: 01 Aug 2022 13:29

Tgt Ion: 42 Resp: 2500
Ion Ratio Lower Upper
42 100
72 31.2 36.5 54.7#
71 38.0 33.9 50.9

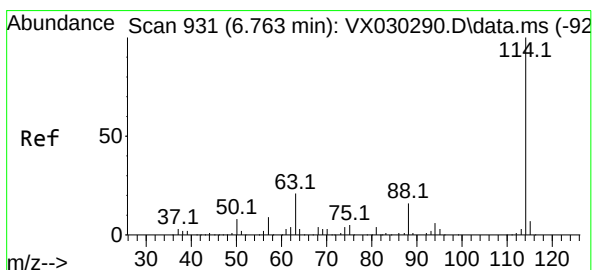
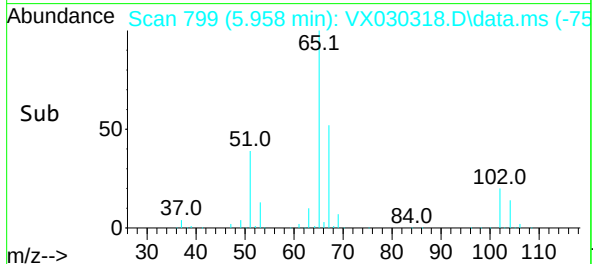
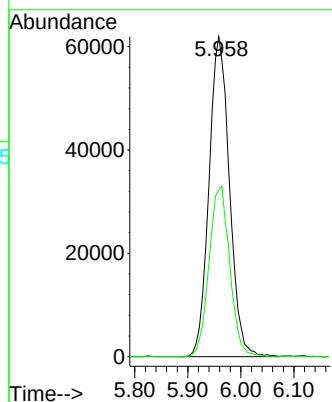
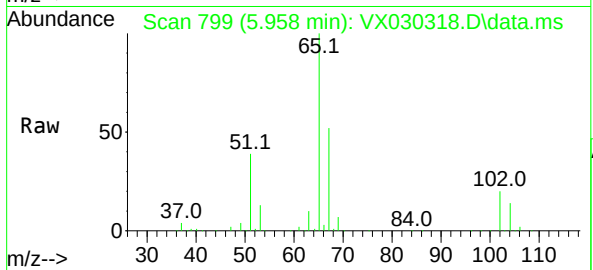




#33
 1,2-Dichloroethane-d4
 Concen: 51.686 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. -0.006 min
 Lab File: VX030318.D
 Acq: 01 Aug 2022 13:29

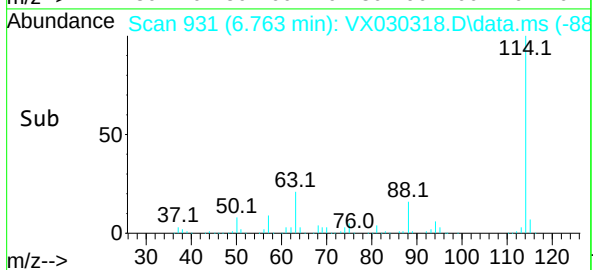
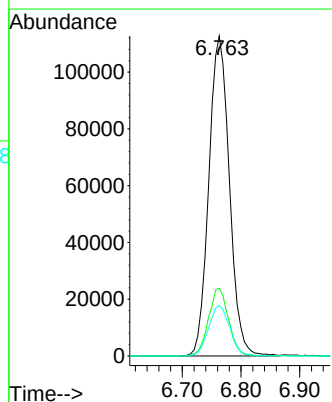
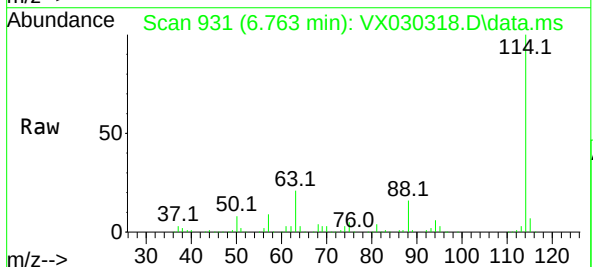
Instrument :
 MSVOA_X
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 DL-3(14.5-15)ME

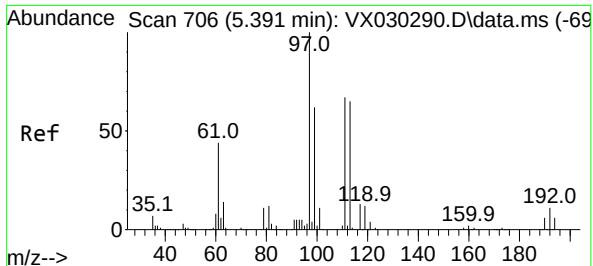
Tgt Ion: 65 Resp: 165846
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.006 min
 Lab File: VX030318.D
 Acq: 01 Aug 2022 13:29

Tgt Ion: 114 Resp: 274179
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 38.4
 88 15.8 0.0 31.8





#35

Dibromofluoromethane

Concen: 49.080 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX030318.D

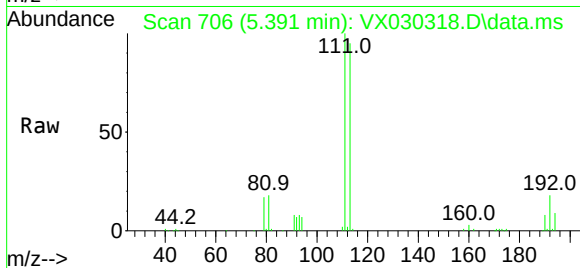
Acq: 01 Aug 2022 13:29

Instrument :

MSVOA_X

ClientSampleId :

DL-3(14.5-15)ME



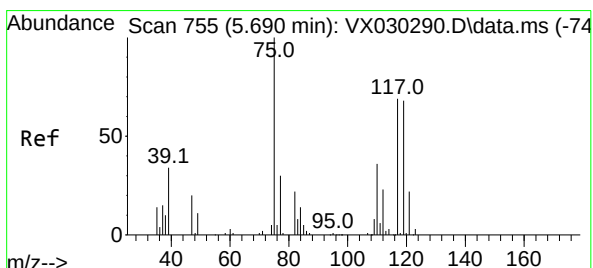
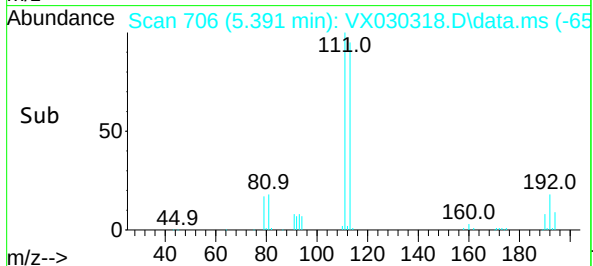
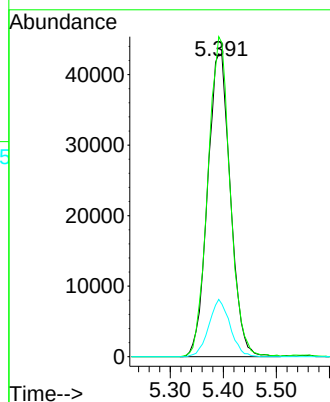
Tgt Ion:113 Resp: 128639

Ion Ratio Lower Upper

113 100

111 102.9 83.2 124.8

192 17.6 14.8 22.2



#36

1,1-Dichloropropene

Concen: 3.455 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.152 min

Lab File: VX030318.D

Acq: 01 Aug 2022 13:29

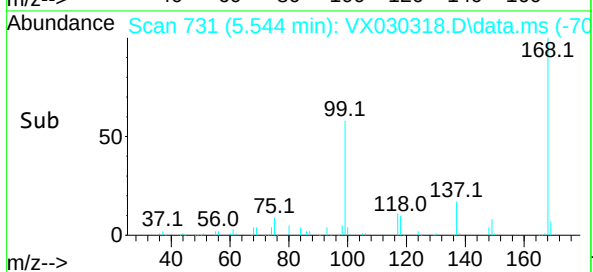
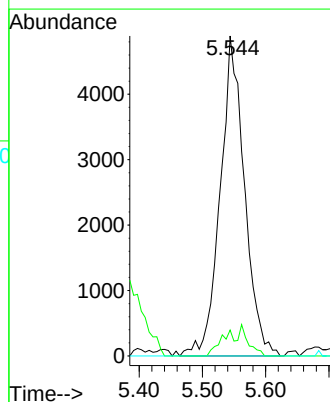
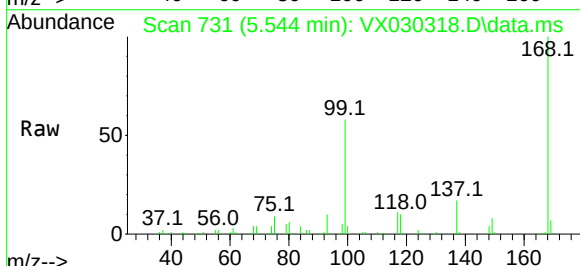
Tgt Ion: 75 Resp: 13031

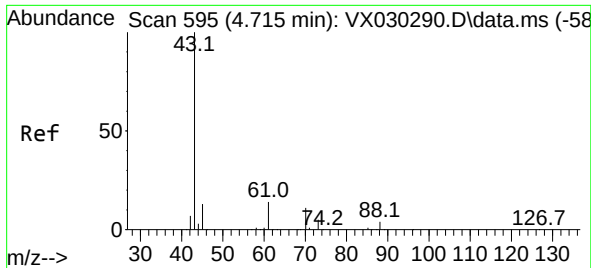
Ion Ratio Lower Upper

75 100

110 4.5 19.3 57.9#

77 0.0 24.4 36.6#

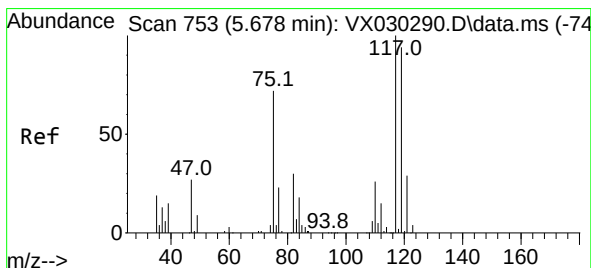
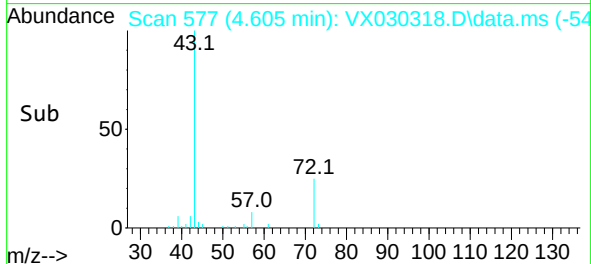
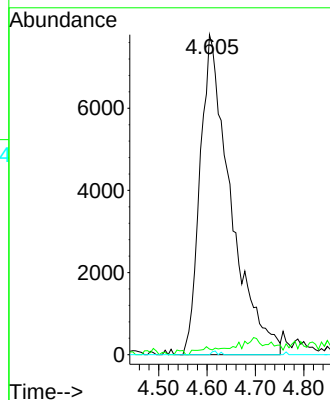
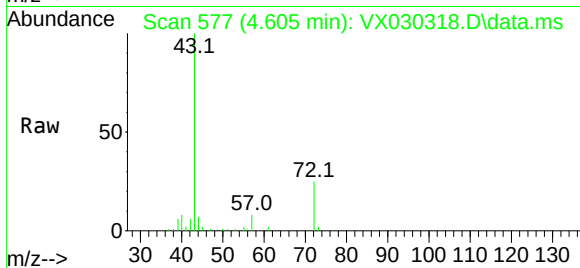




#37
Ethyl Acetate
Concen: 6.388 ug/l
RT: 4.605 min Scan# 51
Delta R.T. -0.115 min
Lab File: VX030318.D
Acq: 01 Aug 2022 13:29

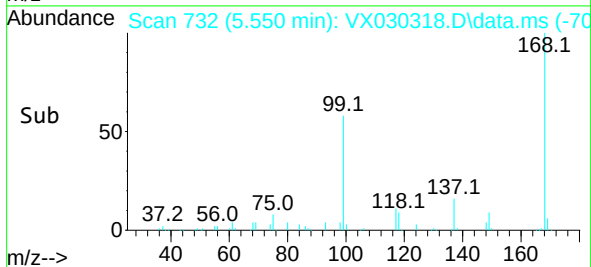
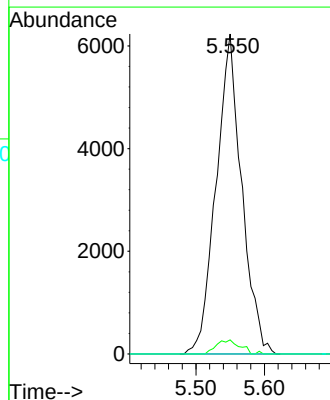
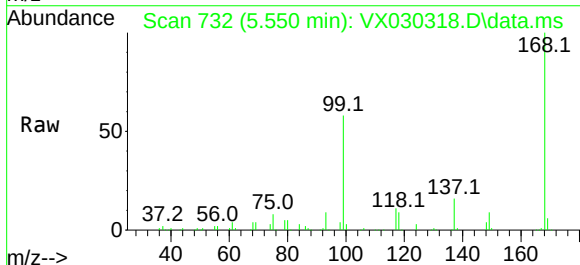
Instrument :
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DL-3(14.5-15)ME

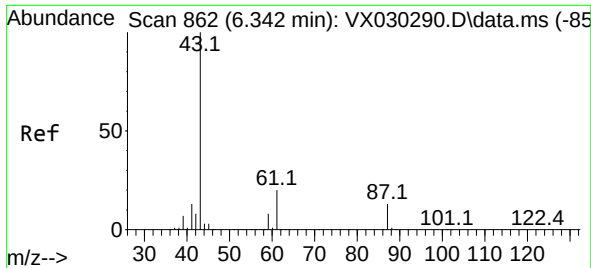
Tgt Ion: 43 Resp: 34123
Ion Ratio Lower Upper
43 100
61 1.1 11.7 17.5#
70 0.2 9.3 13.9#



#38
Carbon Tetrachloride
Concen: 4.581 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.133 min
Lab File: VX030318.D
Acq: 01 Aug 2022 13:29

Tgt Ion: 117 Resp: 16131
Ion Ratio Lower Upper
117 100
119 4.4 74.1 111.1#
121 0.0 25.8 38.8#





#43

Isopropyl Acetate

Concen: 0.845 ug/l

RT: 6.367 min Scan# 866

Delta R.T. 0.019 min

Lab File: VX030318.D

Acq: 01 Aug 2022 13:29

Instrument :

MSVOA_X

ClientSampleId :

DL-3(14.5-15)ME

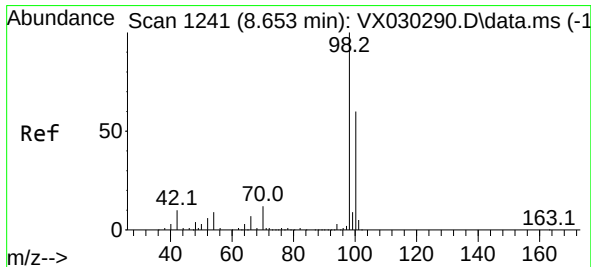
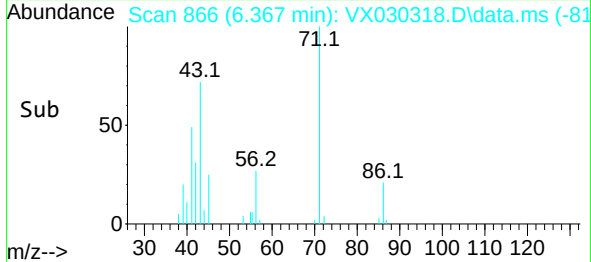
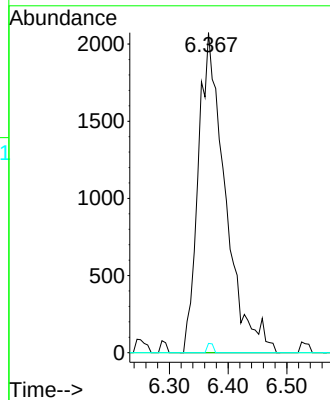
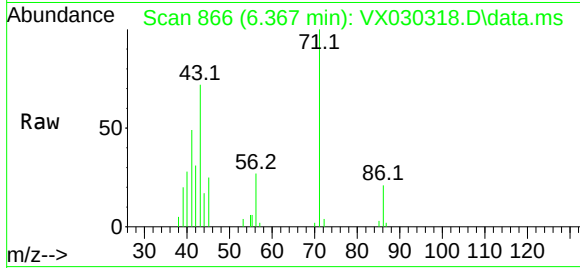
Tgt Ion: 43 Resp: 6619

Ion Ratio Lower Upper

43 100

61 0.0 16.5 24.7#

87 0.6 11.1 16.7#



#50

Toluene-d8

Concen: 50.229 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.001 min

Lab File: VX030318.D

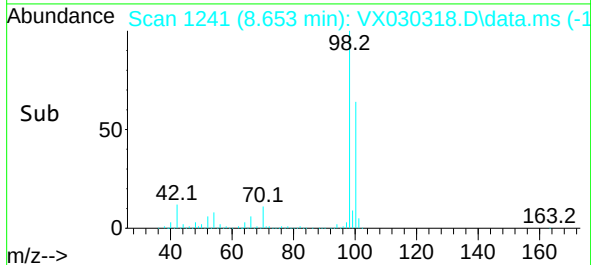
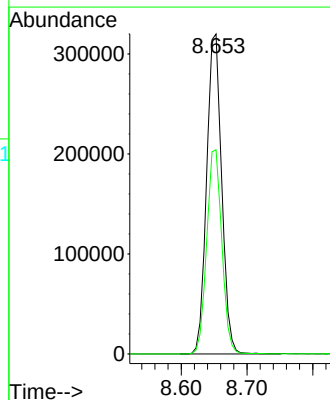
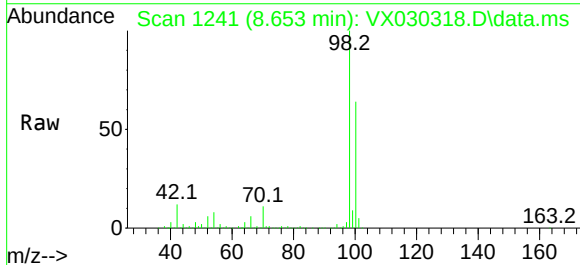
Acq: 01 Aug 2022 13:29

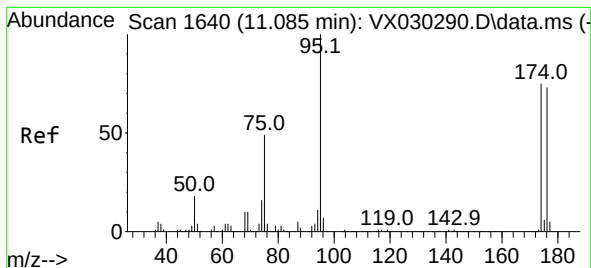
Tgt Ion: 98 Resp: 509834

Ion Ratio Lower Upper

98 100

100 64.2 52.3 78.5

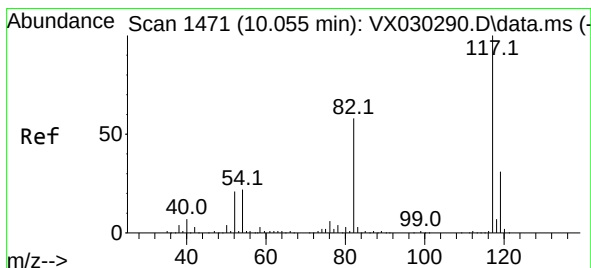
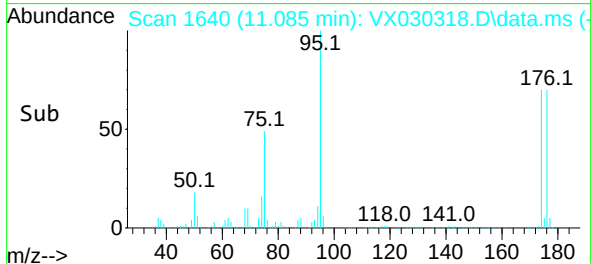
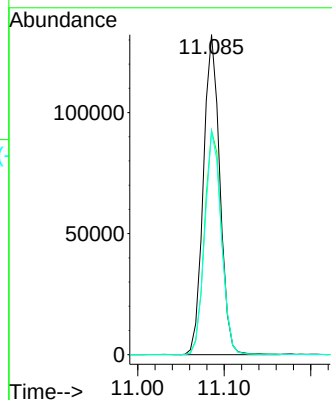
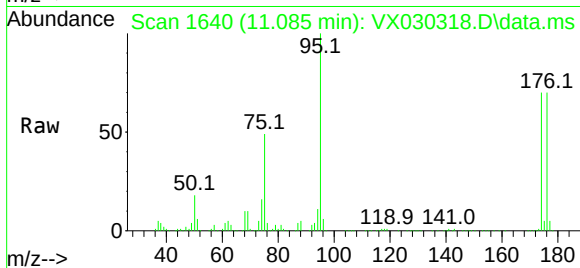




#62
4-Bromofluorobenzene
Concen: 46.389 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX030318.D
Acq: 01 Aug 2022 13:29

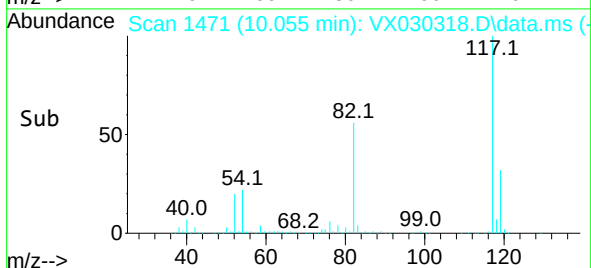
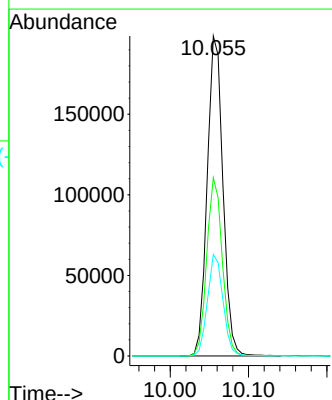
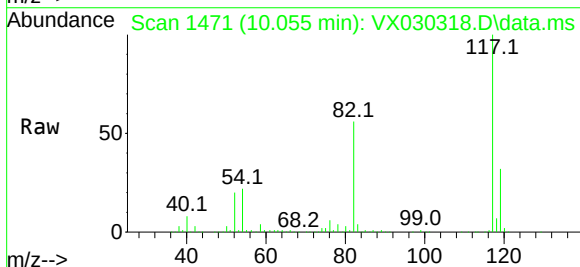
Instrument :
MSVOA_X
ClientSampleId :
DL-3(14.5-15)ME

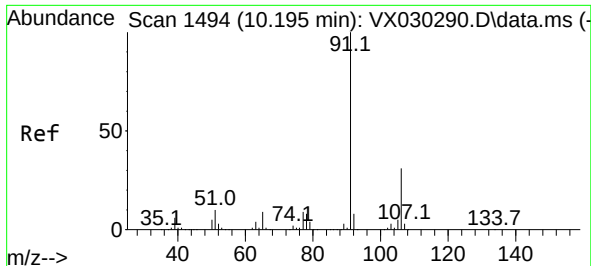
Tgt Ion: 95 Resp: 174748
Ion Ratio Lower Upper
95 100
174 71.9 0.0 149.0
176 70.1 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030318.D
Acq: 01 Aug 2022 13:29

Tgt Ion: 117 Resp: 276348
Ion Ratio Lower Upper
117 100
82 55.7 42.7 64.1
119 31.7 25.4 38.2





#67

Ethyl Benzene

Concen: Below Cal

RT: 10.201 min Scan# 1495

Delta R.T. 0.006 min

Lab File: VX030318.D

Acq: 01 Aug 2022 13:29

Instrument :

MSVOA_X

ClientSampleId :

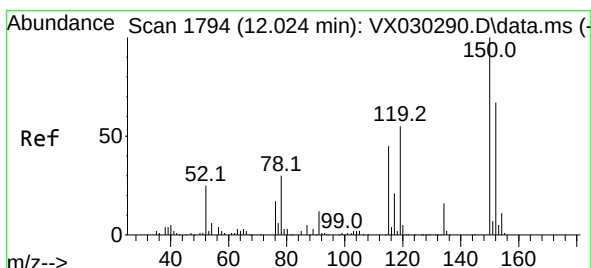
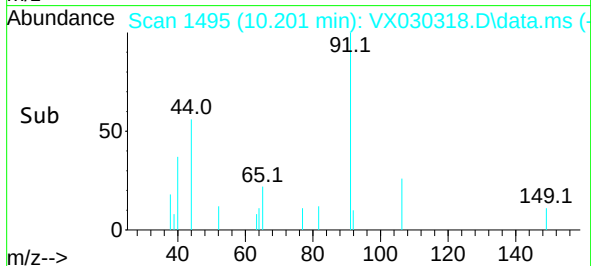
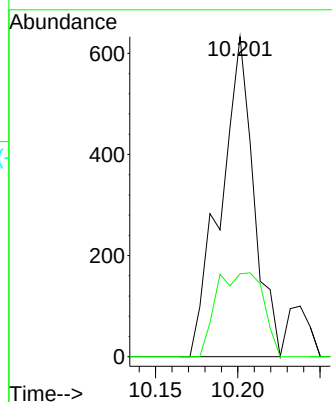
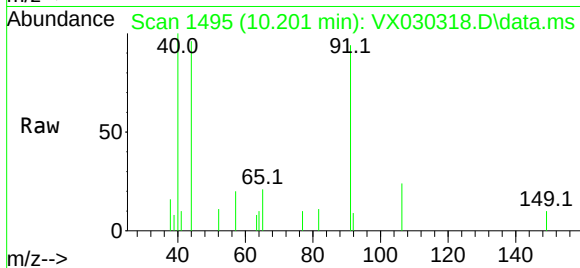
DL-3(14.5-15)ME

Tgt Ion: 91 Resp: 887

Ion Ratio Lower Upper

91 100

106 25.9 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: VX030318.D

Acq: 01 Aug 2022 13:29

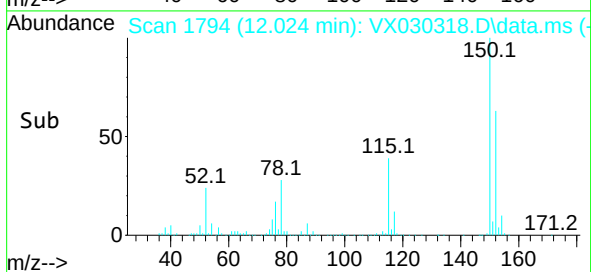
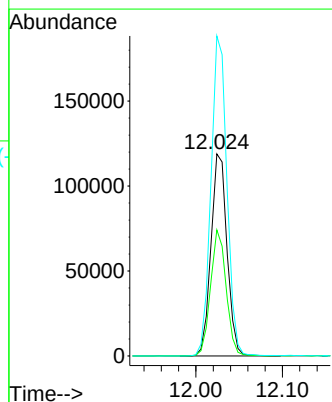
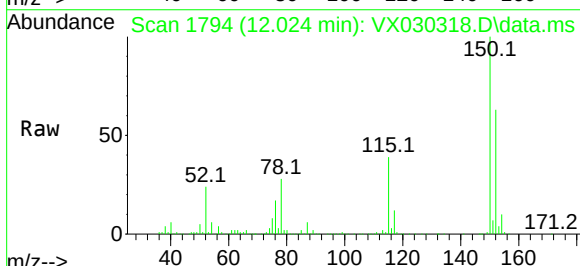
Tgt Ion:152 Resp: 153107

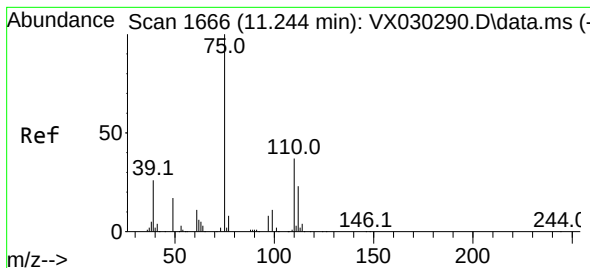
Ion Ratio Lower Upper

152 100

115 60.7 40.5 121.5

150 157.3 0.0 347.0





#76

1,2,3-Trichloropropane

Concen: 20.902 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. -0.158 min

Lab File: VX030318.D

Acq: 01 Aug 2022 13:29

Instrument :

MSVOA_X

ClientSampleId :

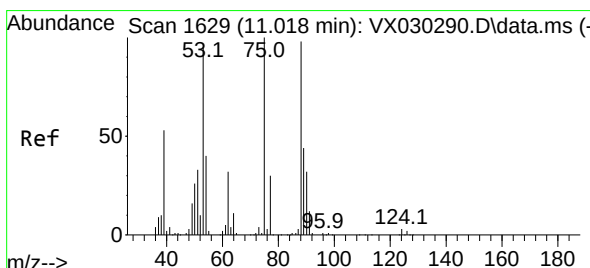
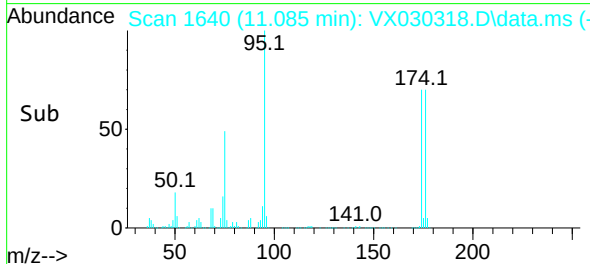
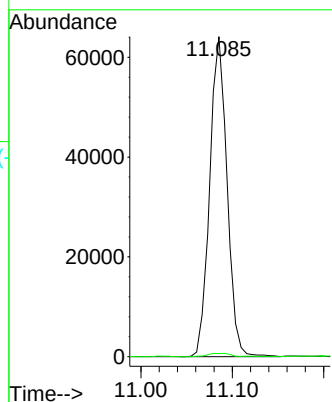
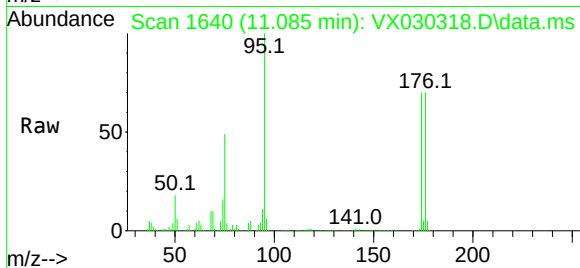
DL-3(14.5-15)ME

Tgt Ion: 75 Resp: 84357

Ion Ratio Lower Upper

75 100

77 1.4 19.8 59.3#



#81

trans-1,4-Dichloro-2-butene

Concen: 62.705 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.061 min

Lab File: VX030318.D

Acq: 01 Aug 2022 13:29

Tgt Ion: 75 Resp: 84357

Ion Ratio Lower Upper

75 100

53 0.1 74.2 111.4#

89 0.0 34.8 52.2#

