

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX072122\
 Data File : VX030172.D
 Acq On : 21 Jul 2022 19:14
 Operator : JC/MD
 Sample : N3765-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EB-06-07182022

Quant Time: Jul 22 05:00:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X071222W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 13 09:05:23 2022
 Response via : Initial Calibration

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

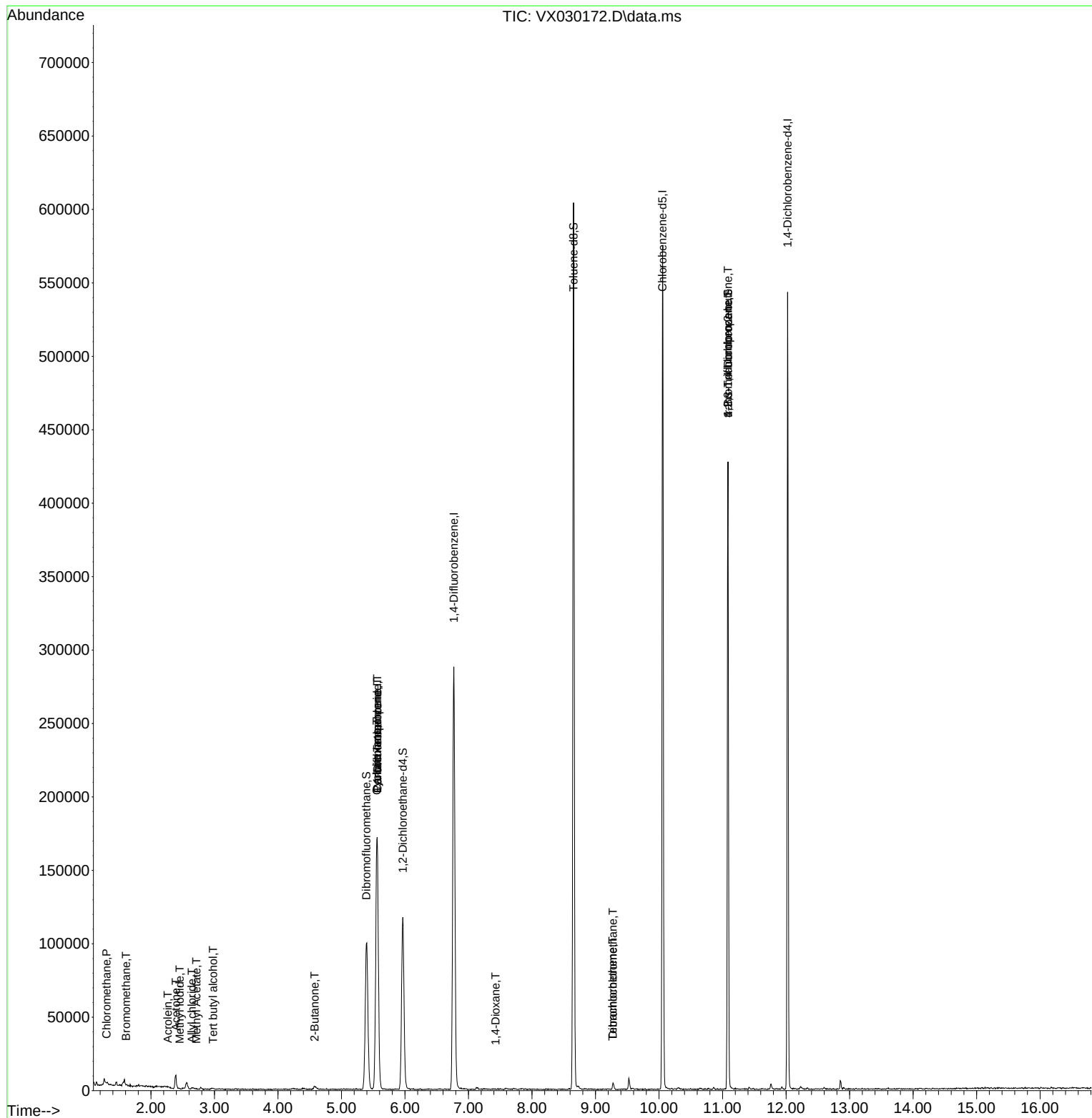
Internal Standards						
1) Pentafluorobenzene	5.562	168	164087	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	296396	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	260638	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	106980	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	109088	54.619	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	109.240%
35) Dibromofluoromethane	5.391	113	90123	47.596	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.200%
50) Toluene-d8	8.653	98	346358	48.637	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.280%
62) 4-Bromofluorobenzene	11.085	95	115753	46.839	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.680%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.252	85	27	Below Cal	#	42
3) Chloromethane	1.301	50	452	0.264	ug/l #	42
5) Bromomethane	1.605	94	245	0.304	ug/l #	2
10) Methyl Iodide	2.453	142	148	2.494	ug/l	98
11) Tert butyl alcohol	2.977	59	568	1.102	ug/l #	74
13) Acrolein	2.264	56	48	0.468	ug/l #	34
14) Allyl chloride	2.642	41	654	0.224	ug/l #	45
16) Acetone	2.392	43	10102	10.734	ug/l	98
17) Carbon Disulfide	2.514	76	625	Below Cal	#	74
18) Methyl Acetate	2.715	43	696	0.243	ug/l #	61
20) Methylene Chloride	2.788	84	339	Below Cal	#	76
25) 2-Butanone	4.574	43	3669	2.289	ug/l #	85
31) Cyclohexane	5.556	56	3765	1.300	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	13304	5.440	ug/l #	47
38) Carbon Tetrachloride	5.562	117	17179	7.532	ug/l #	18
49) 1,4-Dioxane	7.427	88	23	0.406	ug/l #	25
60) Dibromochloromethane	9.275	129	792	0.403	ug/l #	11
64) Tetrachloroethene	9.269	164	706	0.337	ug/l	85
76) 1,2,3-Trichloropropane	11.085	75	57370	23.324	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	57370	67.312	ug/l #	13

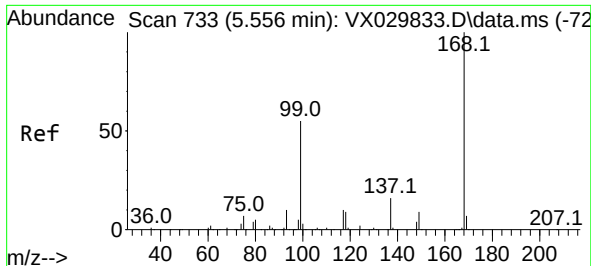
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
ClientSampleId :
EB-06-07182022

Quant Time: Jul 22 05:00:01 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X071222W.M
Quant Title : SW846 8260
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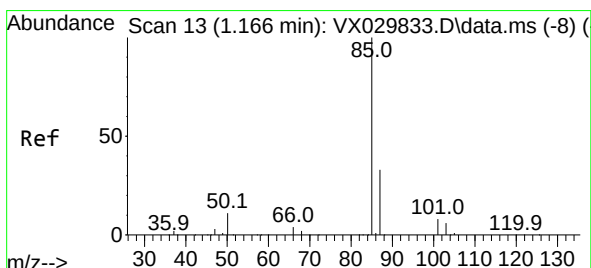
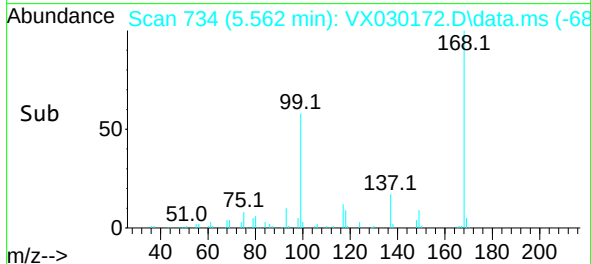
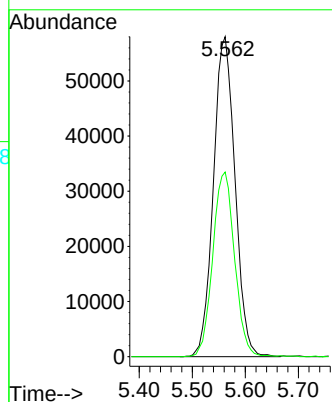
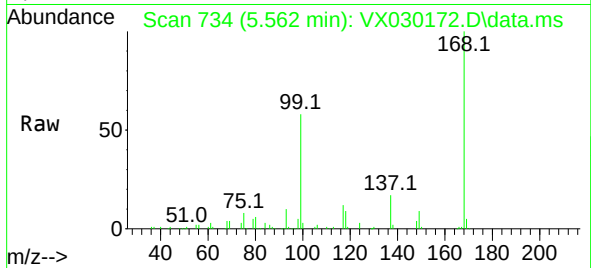




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX030172.D
Acq: 21 Jul 2022 19:14

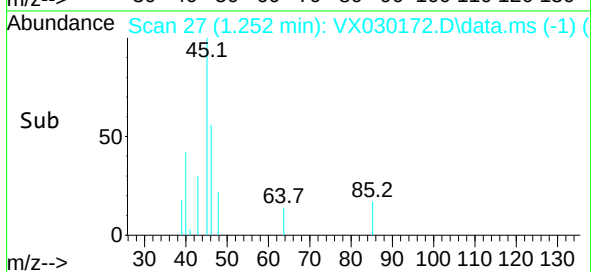
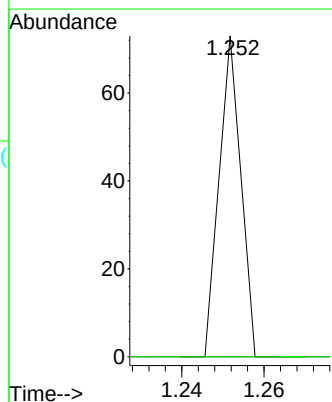
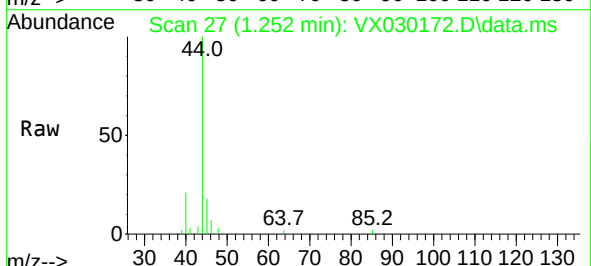
Instrument :
MSVOA_X
ClientSampleId :
EB-06-07182022

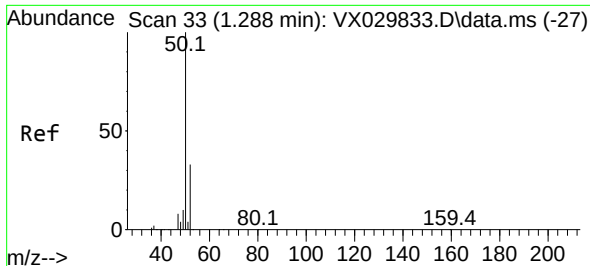
Tgt Ion:168 Resp: 164087
Ion Ratio Lower Upper
168 100
99 57.7 44.0 66.0



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.252 min Scan# 27
Delta R.T. 0.086 min
Lab File: VX030172.D
Acq: 21 Jul 2022 19:14

Tgt Ion: 85 Resp: 27
Ion Ratio Lower Upper
85 100
87 0.0 16.5 49.5

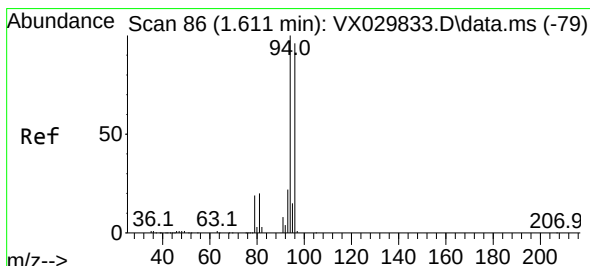
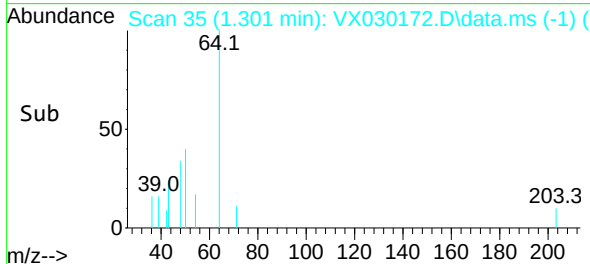
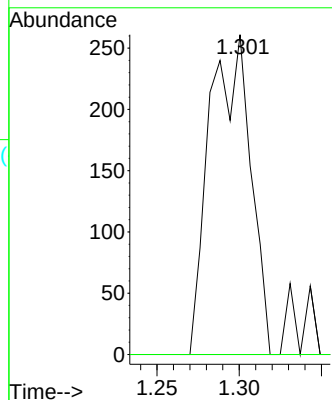
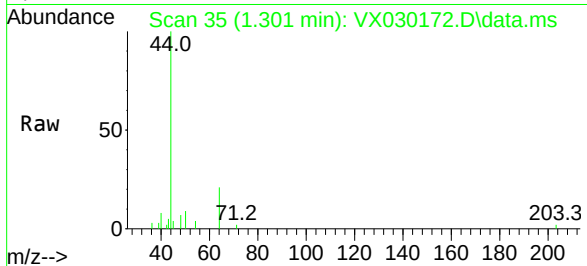




#3
Chloromethane
Concen: 0.264 ug/l
RT: 1.301 min Scan# 31
Delta R.T. 0.012 min
Lab File: VX030172.D
Acq: 21 Jul 2022 19:14

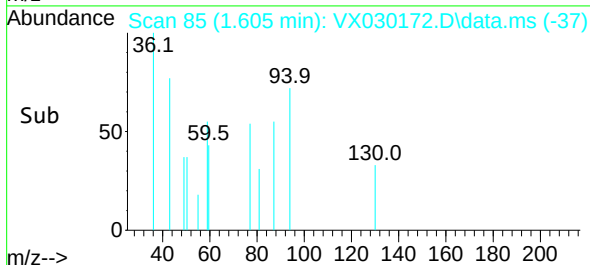
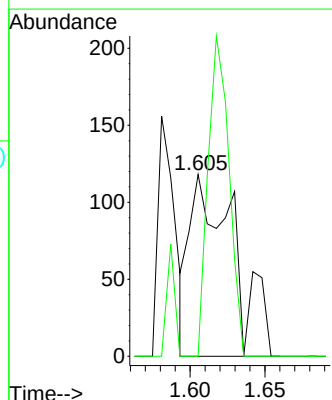
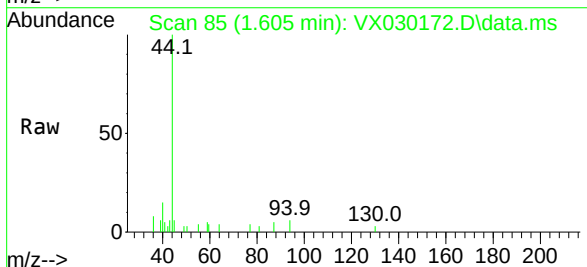
Instrument :
MSVOA_X
ClientSampleId :
EB-06-07182022

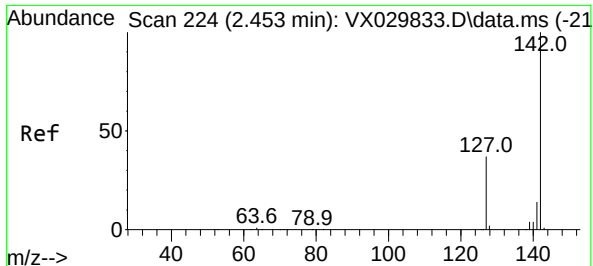
Tgt Ion: 50 Resp: 452
Ion Ratio Lower Upper
50 100
52 0.0 26.3 39.5#



#5
Bromomethane
Concen: 0.304 ug/l
RT: 1.605 min Scan# 85
Delta R.T. -0.006 min
Lab File: VX030172.D
Acq: 21 Jul 2022 19:14

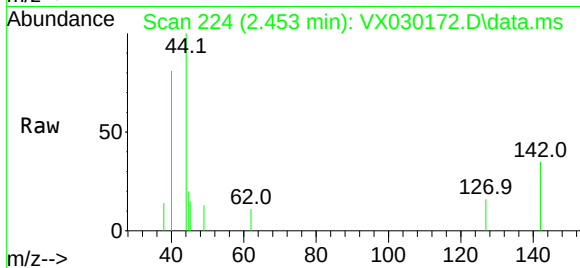
Tgt Ion: 94 Resp: 245
Ion Ratio Lower Upper
94 100
96 0.0 76.9 115.3#



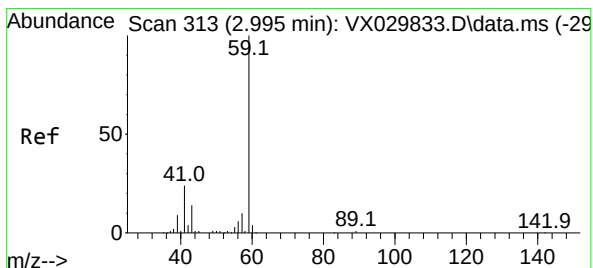
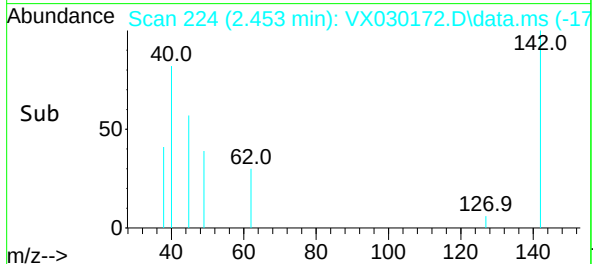
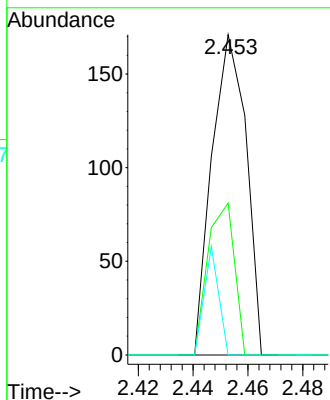


#10
Methyl Iodide
Concen: 2.494 ug/l
RT: 2.453 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX030172.D
Acq: 21 Jul 2022 19:14

Instrument :
MSVOA_X
ClientSampleId :
EB-06-07182022

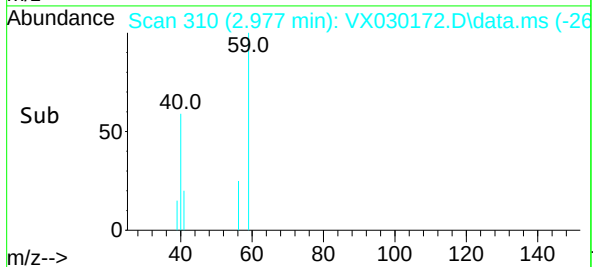
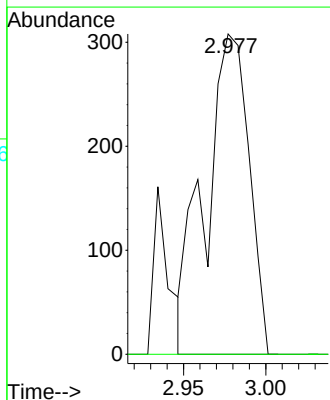
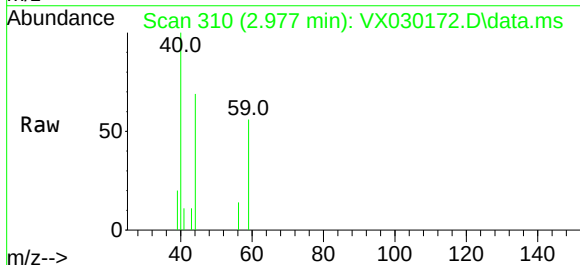


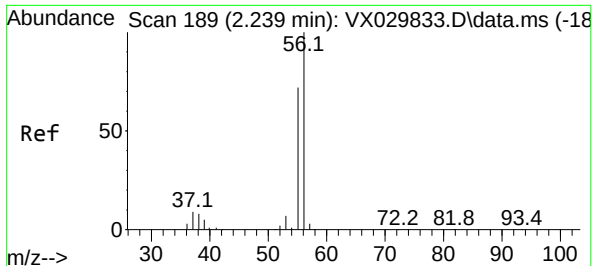
Tgt Ion:142 Resp: 148
Ion Ratio Lower Upper
142 100
127 36.5 30.2 45.2
141 14.2 11.3 16.9



#11
Tert butyl alcohol
Concen: 1.102 ug/l
RT: 2.977 min Scan# 310
Delta R.T. -0.018 min
Lab File: VX030172.D
Acq: 21 Jul 2022 19:14

Tgt Ion: 59 Resp: 568
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

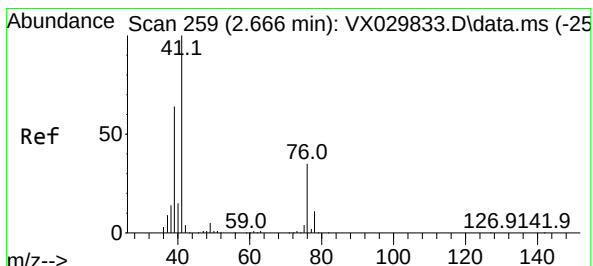
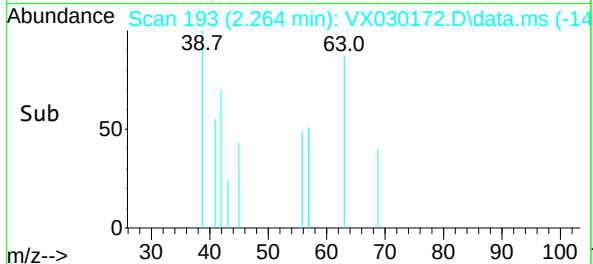
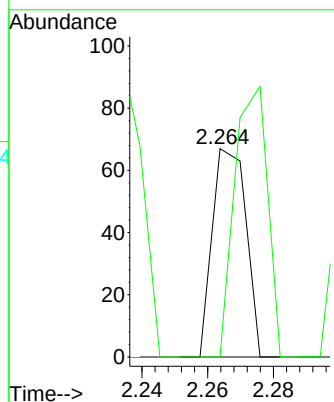
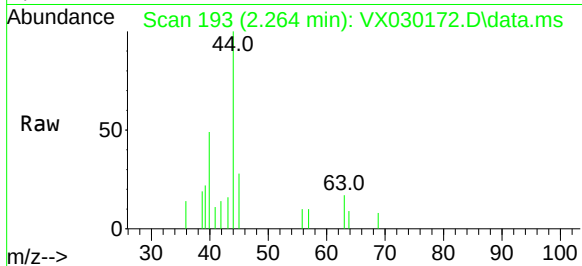




#13
Acrolein
Concen: 0.468 ug/l
RT: 2.264 min Scan# 193
Delta R.T. 0.025 min
Lab File: VX030172.D
Acq: 21 Jul 2022 19:14

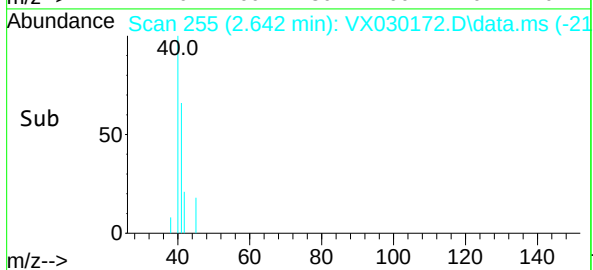
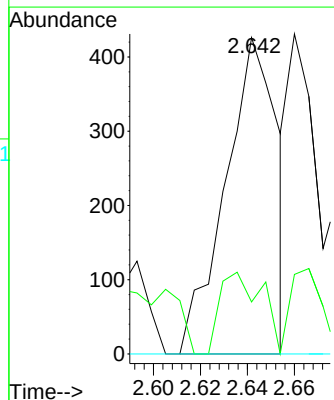
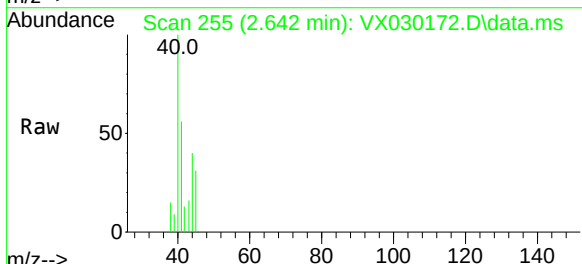
Instrument :
MSVOA_X
ClientSampleId :
EB-06-07182022

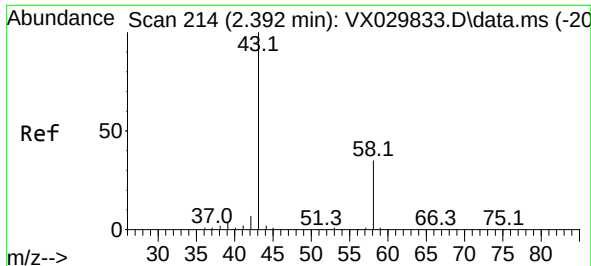
Tgt Ion: 56 Resp: 48
Ion Ratio Lower Upper
56 100
55 125.0 56.6 84.8#



#14
Allyl chloride
Concen: 0.224 ug/l
RT: 2.642 min Scan# 255
Delta R.T. -0.024 min
Lab File: VX030172.D
Acq: 21 Jul 2022 19:14

Tgt Ion: 41 Resp: 654
Ion Ratio Lower Upper
41 100
39 20.9 48.9 73.3#
76 0.0 26.9 40.3#

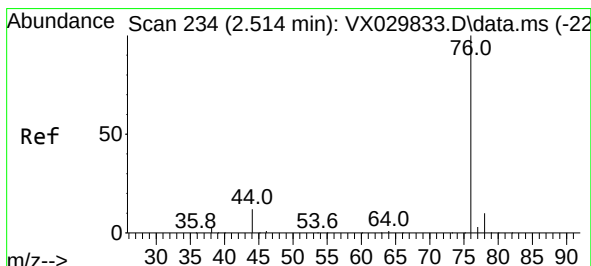
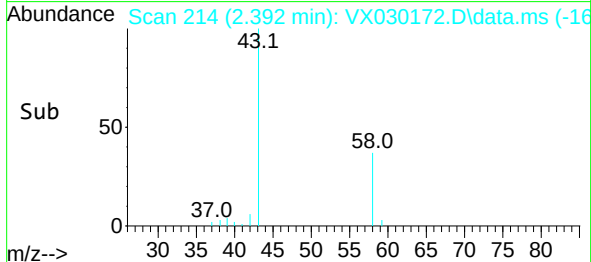
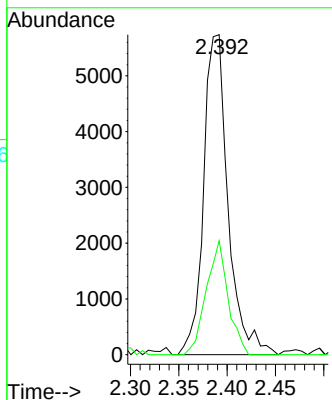
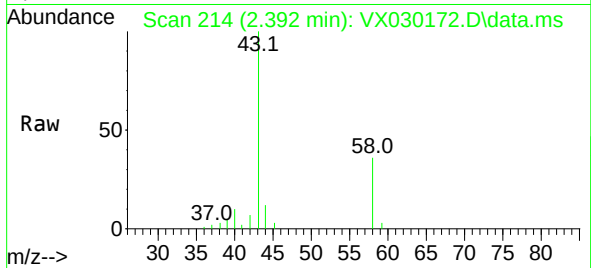




#16
Acetone
Concen: 10.734 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX030172.D
Acq: 21 Jul 2022 19:14

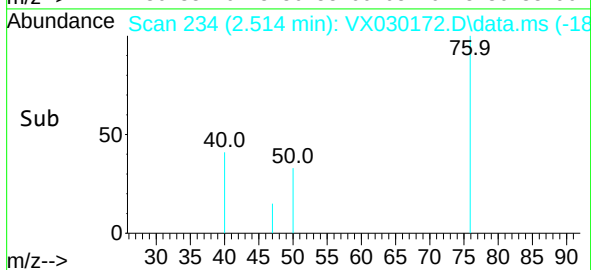
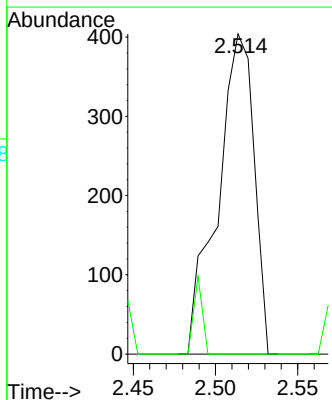
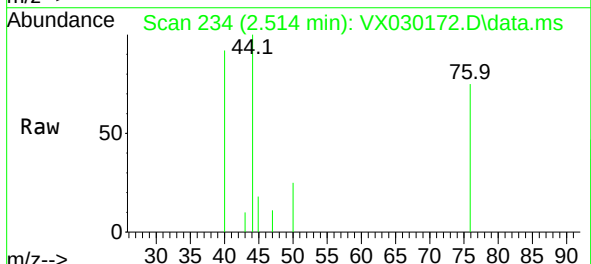
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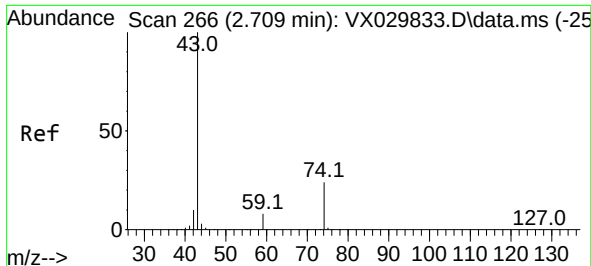
Tgt Ion: 43 Resp: 10102
Ion Ratio Lower Upper
43 100
58 35.6 27.7 41.5



#17
Carbon Disulfide
Concen: Below Cal
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX030172.D
Acq: 21 Jul 2022 19:14

Tgt Ion: 76 Resp: 625
Ion Ratio Lower Upper
76 100
78 0.0 7.8 11.6#

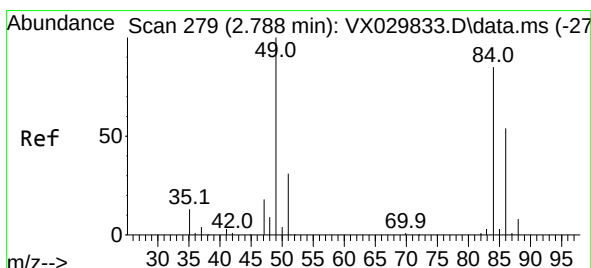
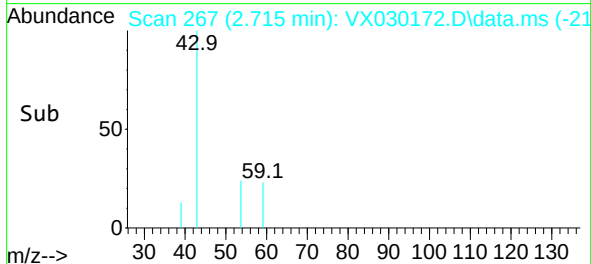
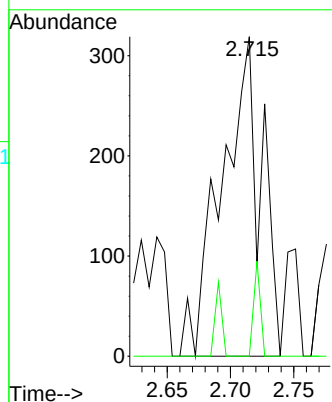
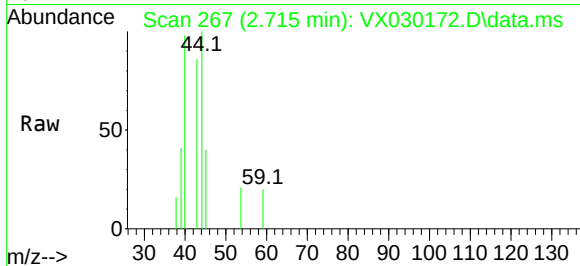




#18
Methyl Acetate
Concen: 0.243 ug/l
RT: 2.715 min Scan# 218
Delta R.T. 0.006 min
Lab File: VX030172.D
Acq: 21 Jul 2022 19:14

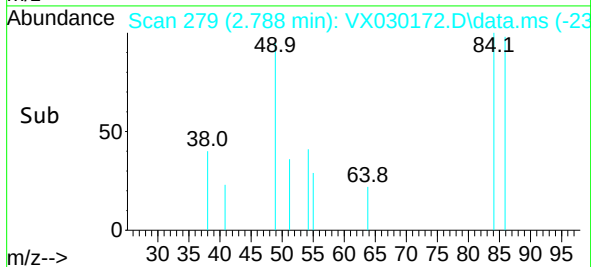
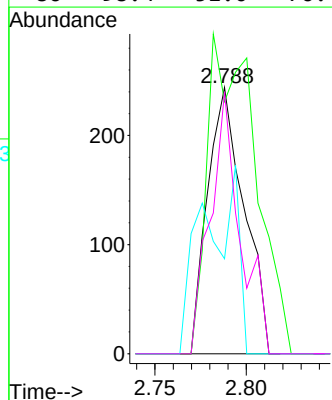
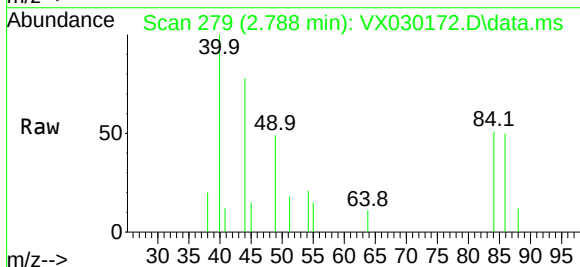
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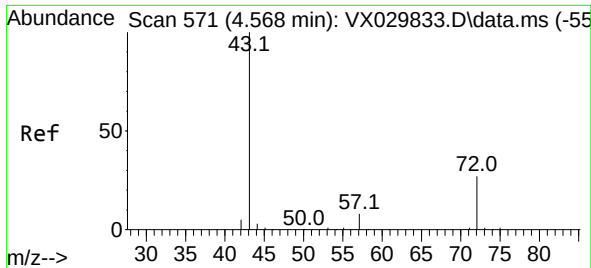
Tgt Ion: 43 Resp: 696
Ion Ratio Lower Upper
43 100
74 5.0 19.4 29.2#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX030172.D
Acq: 21 Jul 2022 19:14

Tgt Ion: 84 Resp: 339
Ion Ratio Lower Upper
84 100
49 94.7 93.8 140.6
51 35.7 29.4 44.0
86 98.4 51.0 76.4#

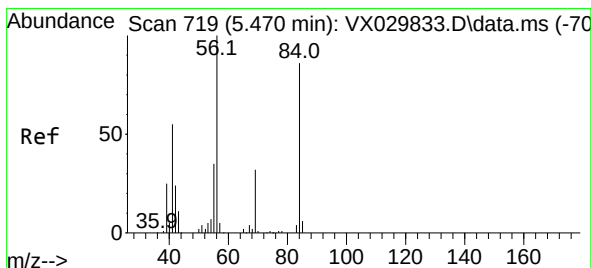
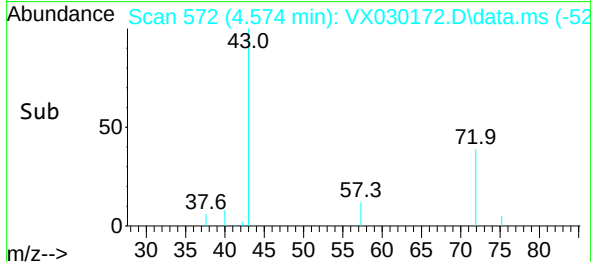
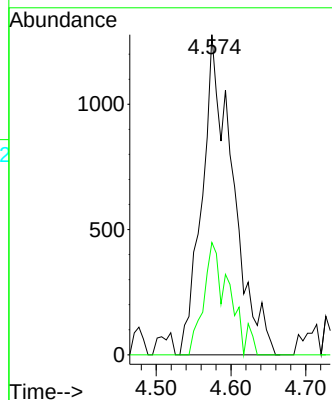
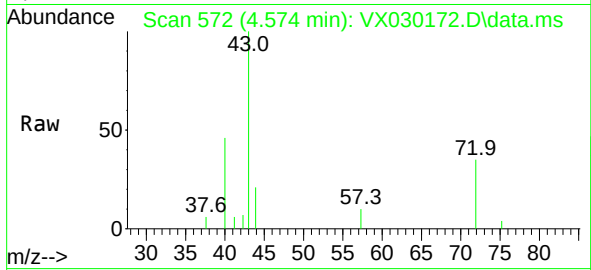




#25
2-Butanone
Concen: 2.289 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX030172.D
Acq: 21 Jul 2022 19:14

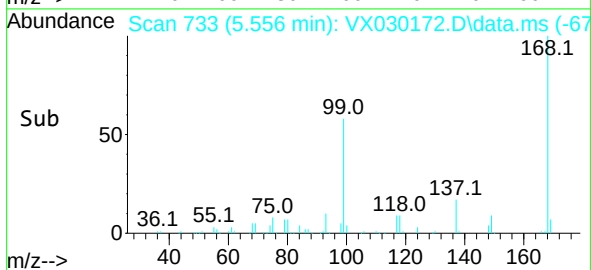
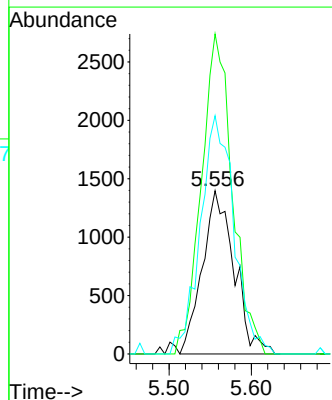
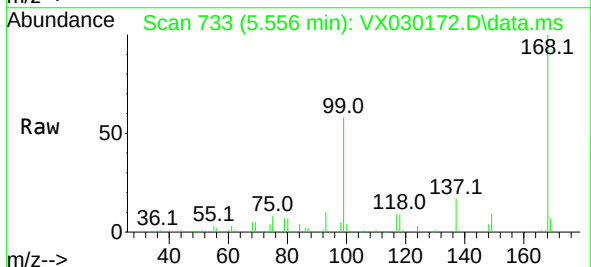
Instrument :
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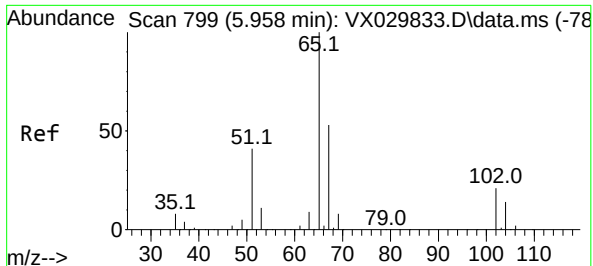
Tgt Ion: 43 Resp: 3669
Ion Ratio Lower Upper
43 100
72 35.1 21.7 32.5#



#31
Cyclohexane
Concen: 1.300 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.086 min
Lab File: VX030172.D
Acq: 21 Jul 2022 19:14

Tgt Ion: 56 Resp: 3765
Ion Ratio Lower Upper
56 100
69 196.1 25.4 38.0#
84 146.0 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 54.619 ug/l

RT: 5.964 min Scan# 80

Delta R.T. 0.006 min

Lab File: VX030172.D

Acq: 21 Jul 2022 19:14

Instrument :

MSVOA_X

ClientSampleId :

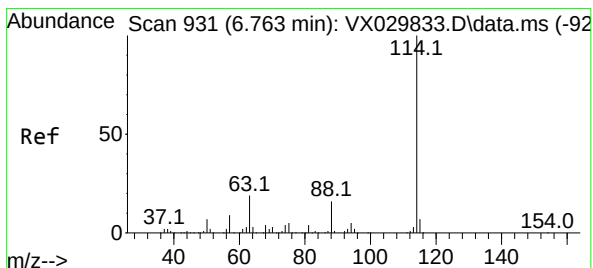
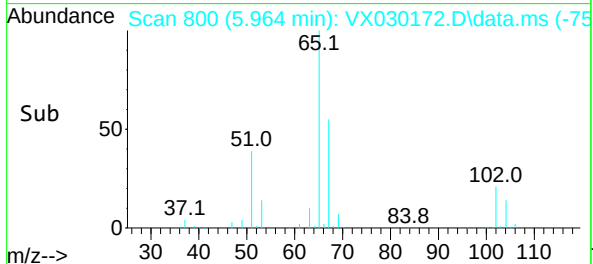
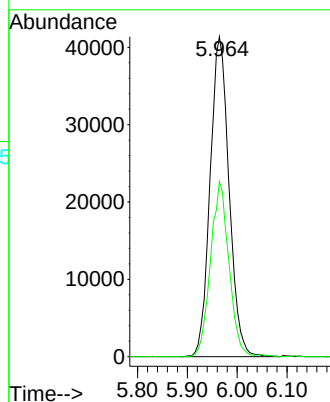
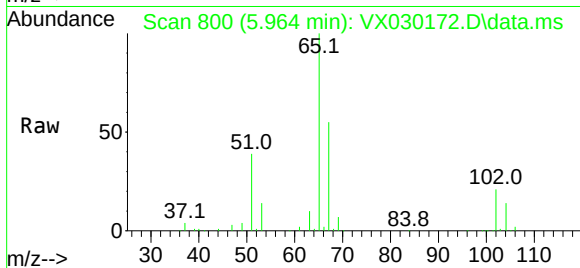
EB-06-07182022

Tgt Ion: 65 Resp: 109088

Ion Ratio Lower Upper

65 100

67 53.1 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.006 min

Lab File: VX030172.D

Acq: 21 Jul 2022 19:14

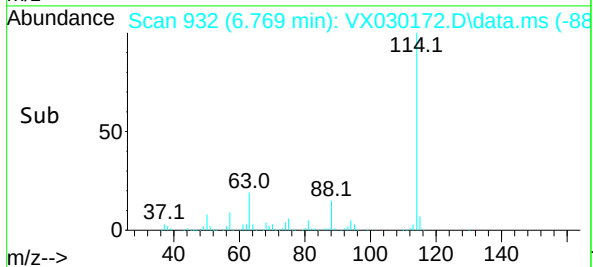
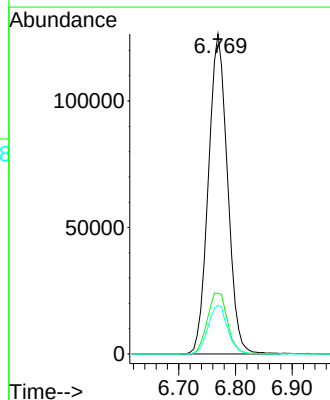
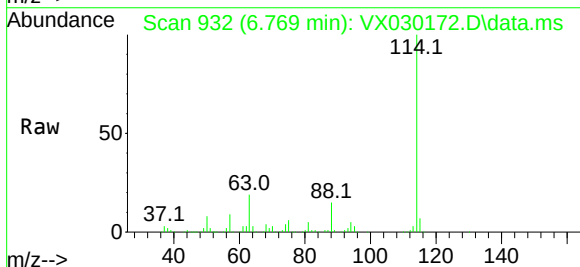
Tgt Ion: 114 Resp: 296396

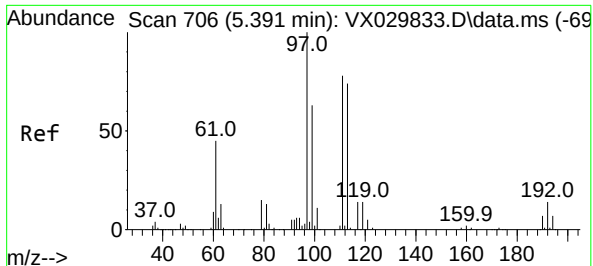
Ion Ratio Lower Upper

114 100

63 18.9 0.0 38.4

88 15.2 0.0 31.8

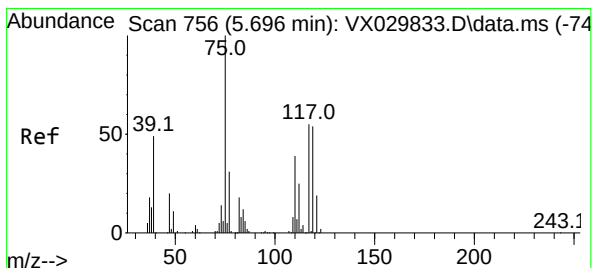
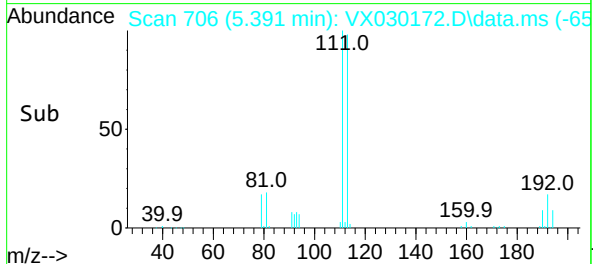
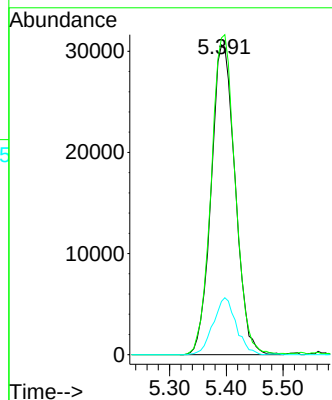
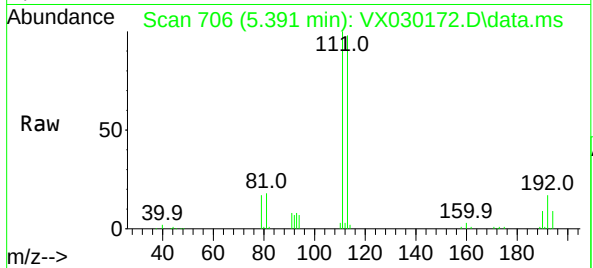




#35
Dibromofluoromethane
Concen: 47.596 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX030172.D
Acq: 21 Jul 2022 19:14

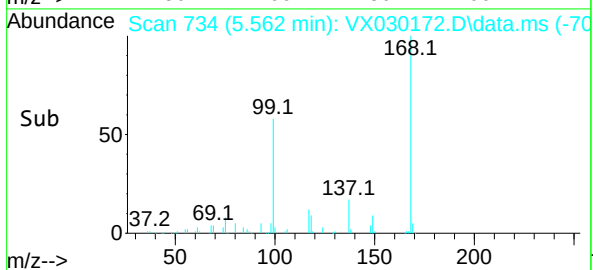
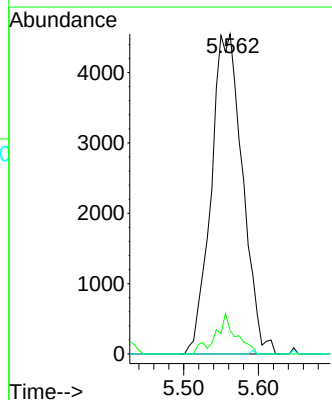
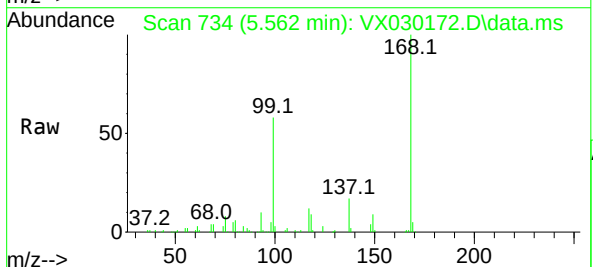
Instrument :
MSVOA_X
ClientSampleId :
EB-06-07182022

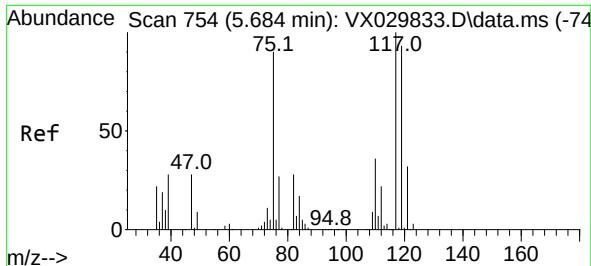
Tgt Ion:113 Resp: 90123
Ion Ratio Lower Upper
113 100
111 103.2 83.2 124.8
192 17.6 14.8 22.2



#36
1,1-Dichloropropene
Concen: 5.440 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.134 min
Lab File: VX030172.D
Acq: 21 Jul 2022 19:14

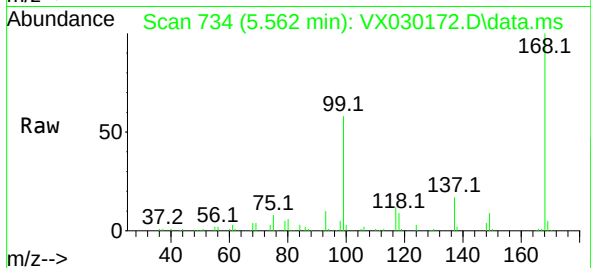
Tgt Ion: 75 Resp: 13304
Ion Ratio Lower Upper
75 100
110 8.2 19.3 57.9#
77 0.0 24.4 36.6#



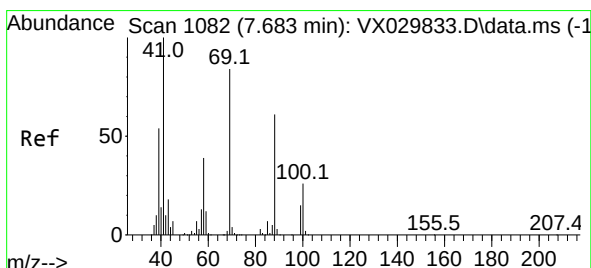
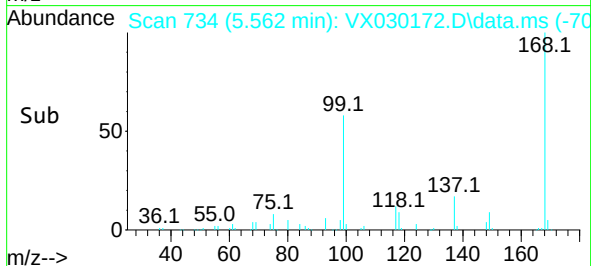
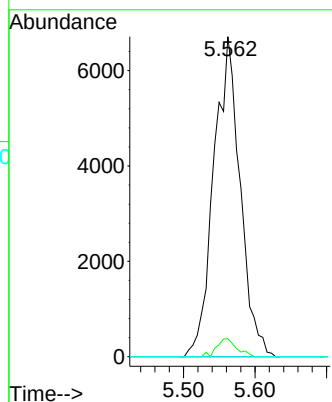


#38
Carbon Tetrachloride
Concen: 7.532 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX030172.D
Acq: 21 Jul 2022 19:14

Instrument :
MSVOA_X
ClientSampleId :
EB-06-07182022

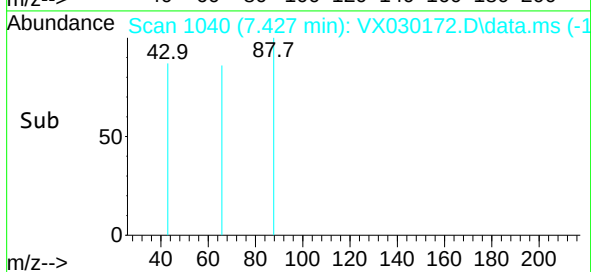
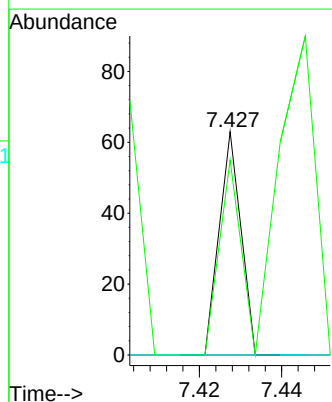
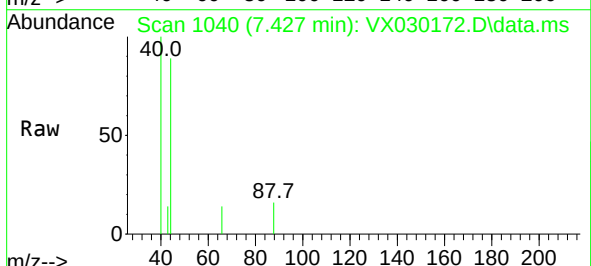


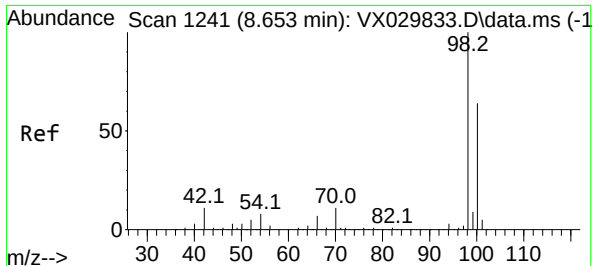
Tgt Ion:117 Resp: 17179
Ion Ratio Lower Upper
117 100
119 5.6 74.1 111.1#
121 0.0 25.8 38.8#



#49
1,4-Dioxane
Concen: 0.406 ug/l
RT: 7.427 min Scan# 1040
Delta R.T. -0.256 min
Lab File: VX030172.D
Acq: 21 Jul 2022 19:14

Tgt Ion: 88 Resp: 23
Ion Ratio Lower Upper
88 100
43 0.0 23.8 35.8#
58 0.0 53.8 80.6#

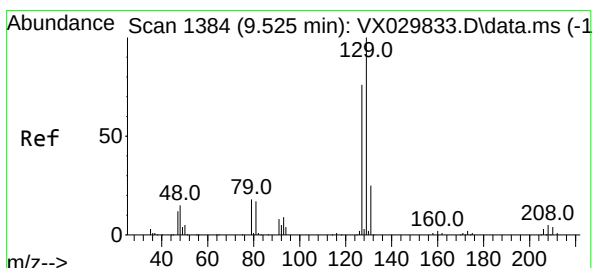
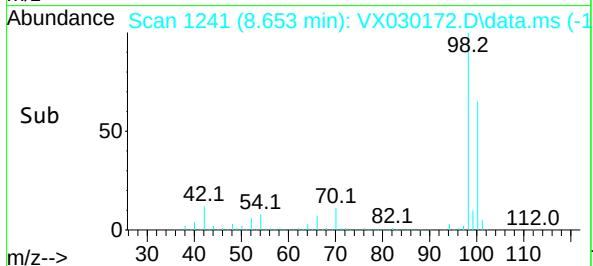
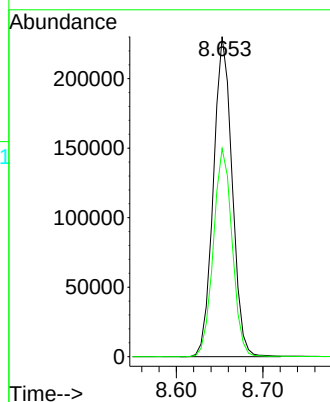
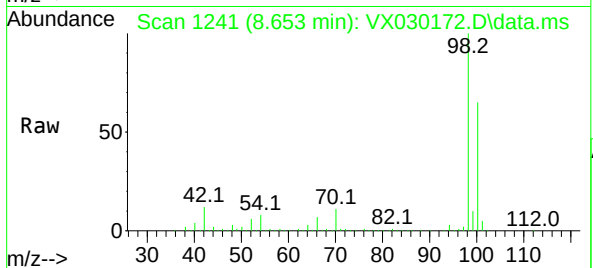




#50
Toluene-d8
Concen: 48.637 ug/l
RT: 8.653 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX030172.D
Acq: 21 Jul 2022 19:14

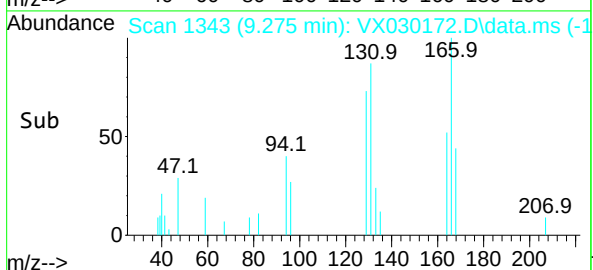
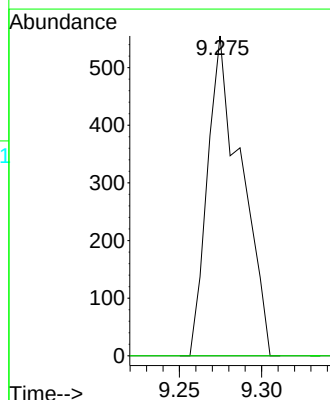
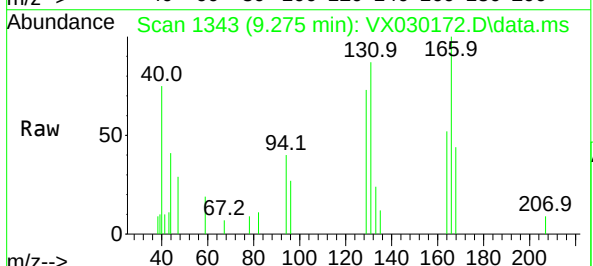
Instrument :
MSVOA_X
ClientSampleId :
EB-06-07182022

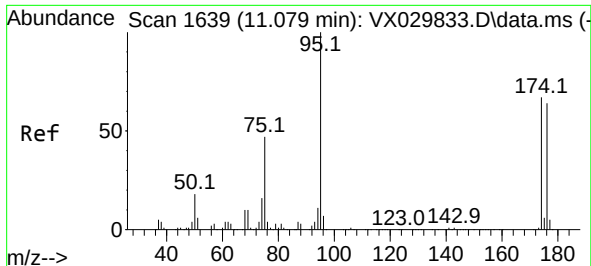
Tgt Ion: 98 Resp: 346358
Ion Ratio Lower Upper
98 100
100 64.9 52.3 78.5



#60
Dibromochloromethane
Concen: 0.403 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX030172.D
Acq: 21 Jul 2022 19:14

Tgt Ion: 129 Resp: 792
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.5#





#62

4-Bromofluorobenzene

Concen: 46.839 ug/l

RT: 11.085 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX030172.D

Acq: 21 Jul 2022 19:14

Instrument :

MSVOA_X

ClientSampleId :

EB-06-07182022

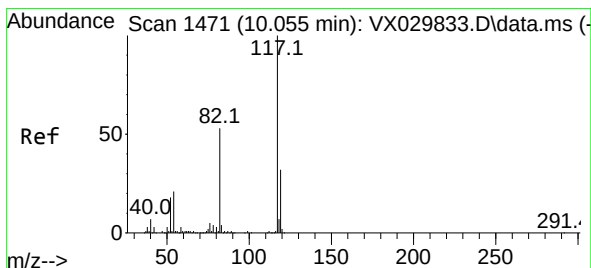
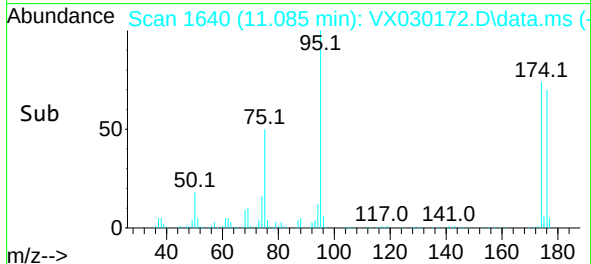
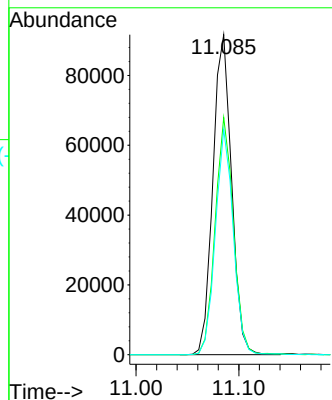
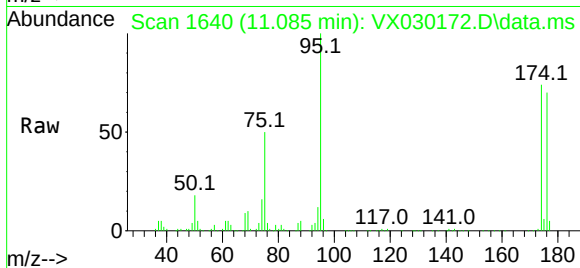
Tgt Ion: 95 Resp: 115753

Ion Ratio Lower Upper

95 100

174 72.4 0.0 149.0

176 67.4 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: VX030172.D

Acq: 21 Jul 2022 19:14

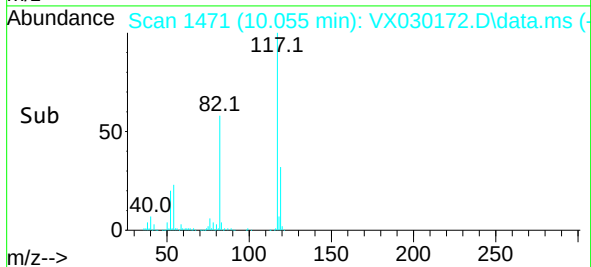
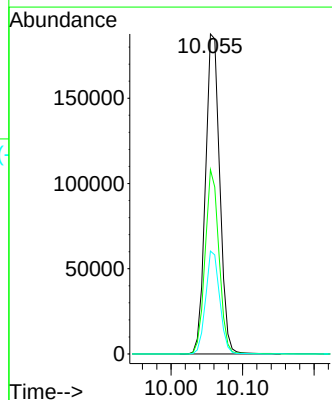
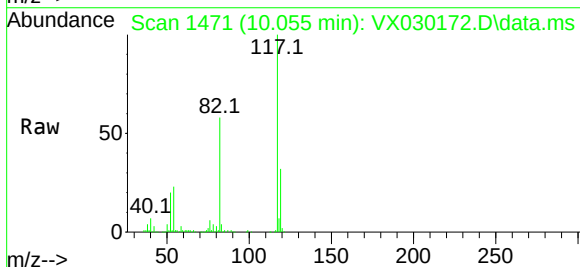
Tgt Ion: 117 Resp: 260638

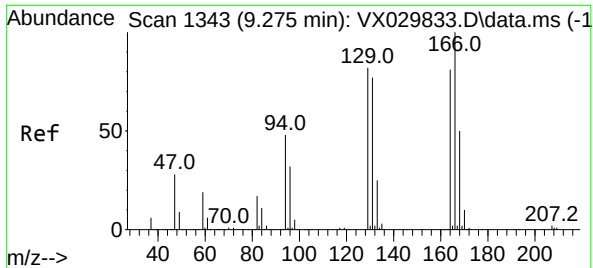
Ion Ratio Lower Upper

117 100

82 57.6 42.7 64.1

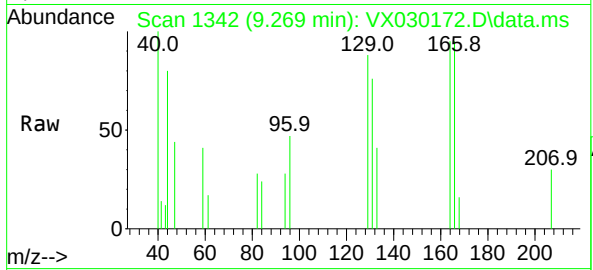
119 32.2 25.4 38.2



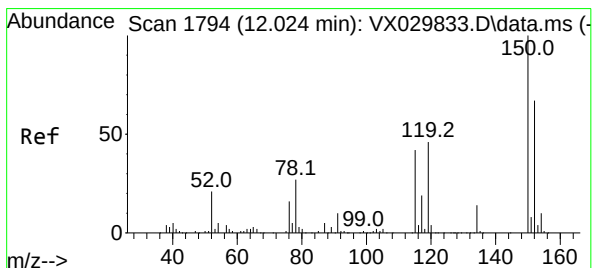
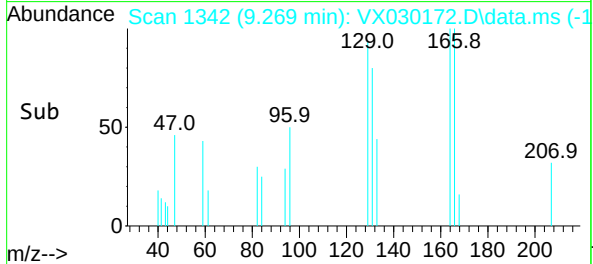
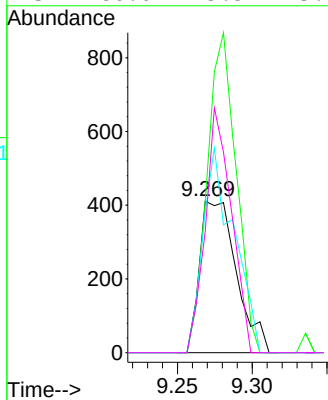


#64
 Tetrachloroethene
 Concen: 0.337 ug/l
 RT: 9.269 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VX030172.D
 Acq: 21 Jul 2022 19:14

Instrument :
 MSVOA_X
 ClientSampleId :
 EB-06-07182022

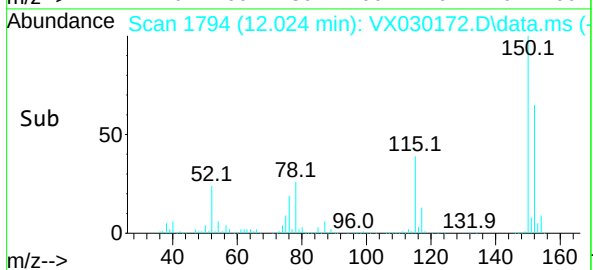
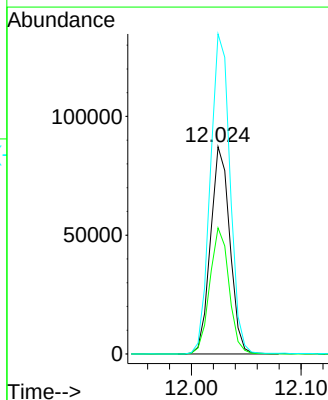
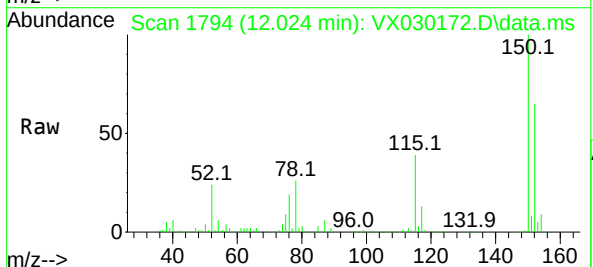


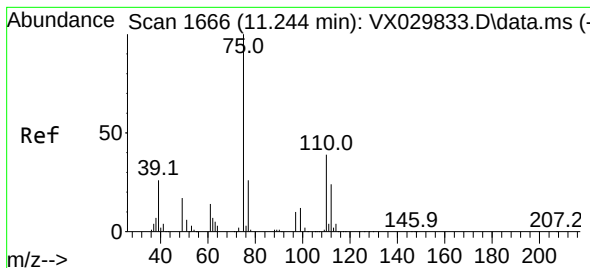
Tgt	Ion:164	Resp:	706
Ion	Ratio	Lower	Upper
164	100		
166	99.5	98.2	147.4
129	92.9	80.8	121.2
131	80.0	75.5	113.3



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX030172.D
 Acq: 21 Jul 2022 19:14

Tgt Ion:152	Resp:	106980	
Ion	Ratio	Lower	Upper
152	100		
115	60.4	40.5	121.5
150	157.9	0.0	347.0





#76

1,2,3-Trichloropropane

Concen: 23.324 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. -0.159 min

Lab File: VX030172.D

Acq: 21 Jul 2022 19:14

Instrument :

MSVOA_X

ClientSampleId :

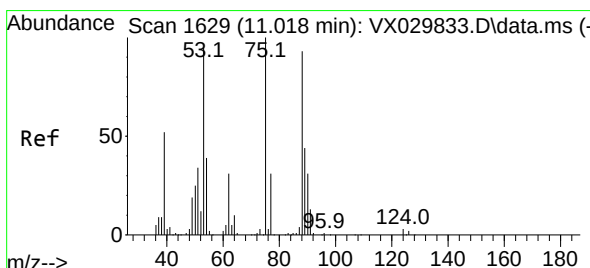
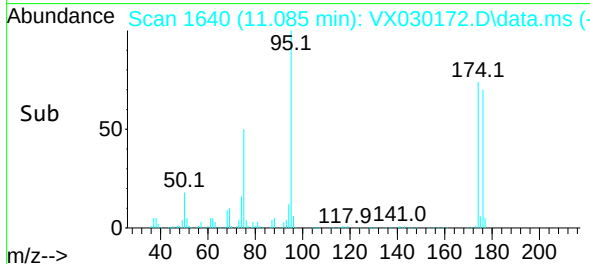
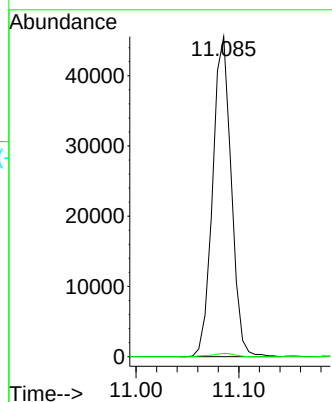
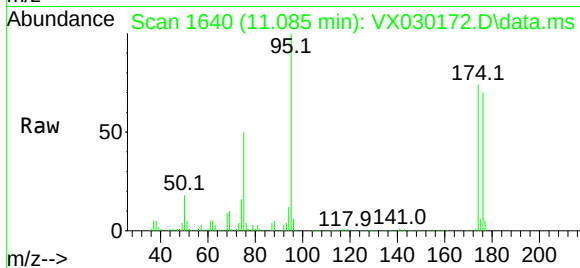
EB-06-07182022

Tgt Ion: 75 Resp: 57370

Ion Ratio Lower Upper

75 100

77 1.3 19.8 59.3#



#81

trans-1,4-Dichloro-2-butene

Concen: 67.312 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. 0.067 min

Lab File: VX030172.D

Acq: 21 Jul 2022 19:14

Tgt Ion: 75 Resp: 57370

Ion Ratio Lower Upper

75 100

53 0.2 74.2 111.4#

89 0.0 34.8 52.2#

