

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071822\
 Data File : VX030100.D
 Acq On : 18 Jul 2022 10:53
 Operator : JC/MD
 Sample : VX0718WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0718WBL01

Quant Time: Jul 19 05:39:33 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)

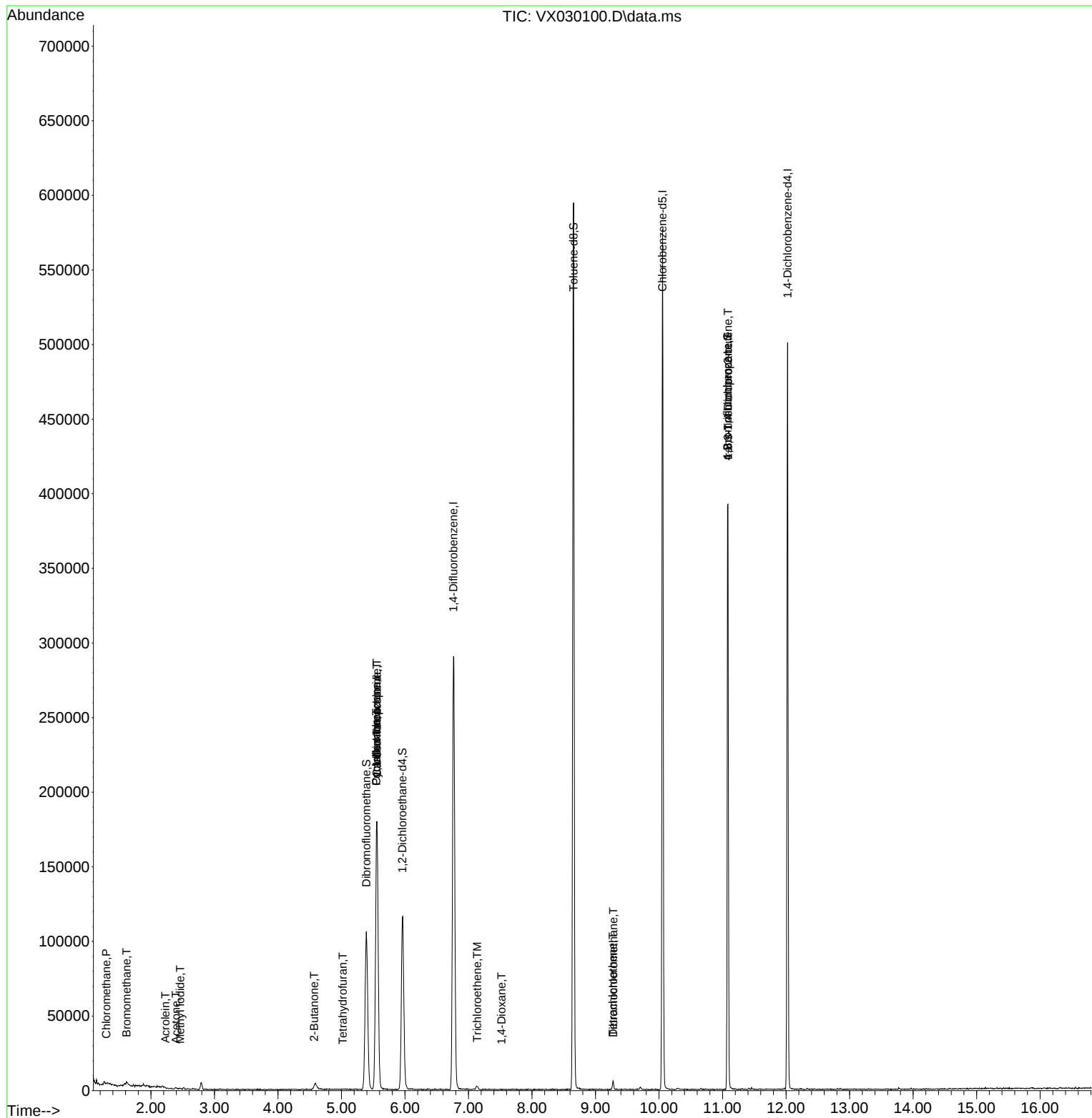
Internal Standards						
1) Pentafluorobenzene	5.550	168	175843	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	311630	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	262818	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	100352	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	108549	50.716	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.440%			
35) Dibromofluoromethane	5.391	113	94351	47.393	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 94.780%			
50) Toluene-d8	8.653	98	350401	46.799	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 93.600%			
62) 4-Bromofluorobenzene	11.079	95	110688	42.600	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 85.200%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	276	Below Cal		93
3) Chloromethane	1.294	50	397	0.217 ug/l		99
5) Bromomethane	1.617	94	286	0.331 ug/l #		50
10) Methyl Iodide	2.459	142	533	2.696 ug/l #		69
13) Acrolein	2.227	56	39	0.354 ug/l #		18
16) Acetone	2.392	43	846	0.839 ug/l #		30
17) Carbon Disulfide	2.508	76	883	Below Cal #		74
20) Methylene Chloride	2.794	84	2046	Below Cal #		89
25) 2-Butanone	4.568	43	482	0.281 ug/l #		48
29) Tetrahydrofuran	5.019	42	273	0.234 ug/l #		32
31) Cyclohexane	5.550	56	3709	1.195 ug/l #		1
36) 1,1-Dichloropropene	5.556	75	13897	5.404 ug/l #		49
38) Carbon Tetrachloride	5.556	117	16645	6.941 ug/l #		16
44) Trichloroethene	7.135	130	892	0.377 ug/l		56
49) 1,4-Dioxane	7.519	88	30	0.504 ug/l #		25
60) Dibromochloromethane	9.281	129	961	0.465 ug/l #		11
64) Tetrachloroethene	9.275	164	968	0.459 ug/l		92
76) 1,2,3-Trichloropropane	11.085	75	52363	22.694 ug/l #		37
81) trans-1,4-Dichloro-2-b...	11.085	75	52363	65.496 ug/l #		13

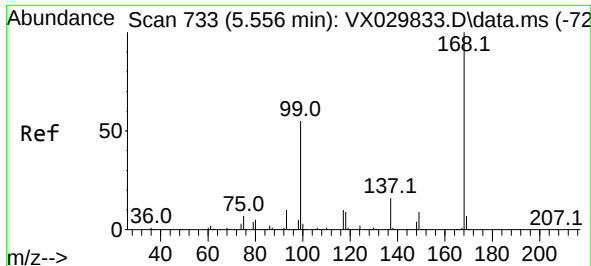
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jul 19 05:39:33 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X071222W.M
Quant Title : SW846 8260
QLast Update : Wed Jul 13 09:05:23 2022
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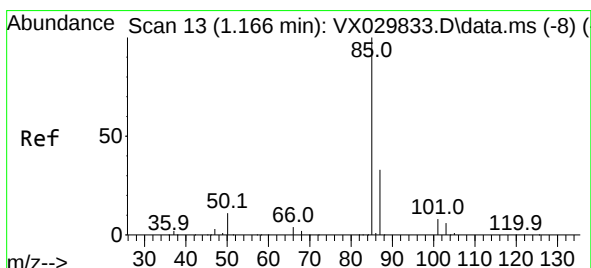
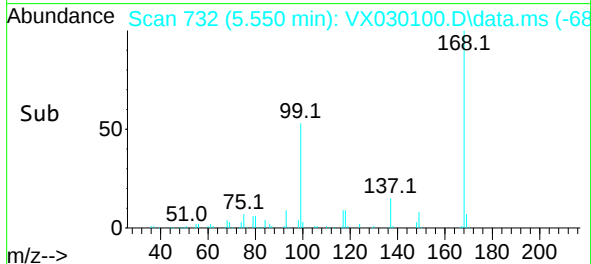
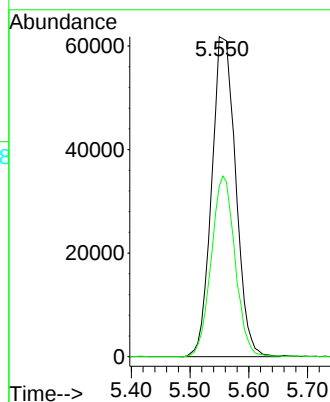
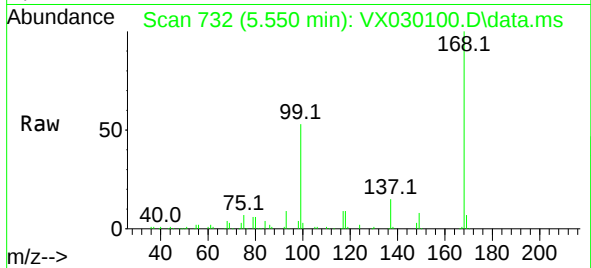




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX030100.D
Acq: 18 Jul 2022 10:53

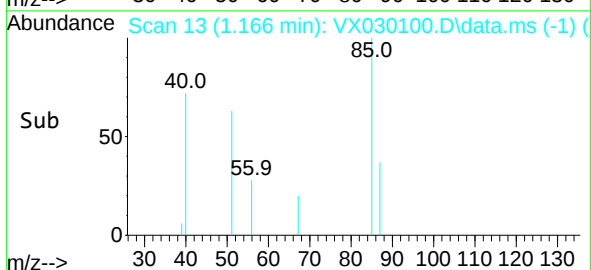
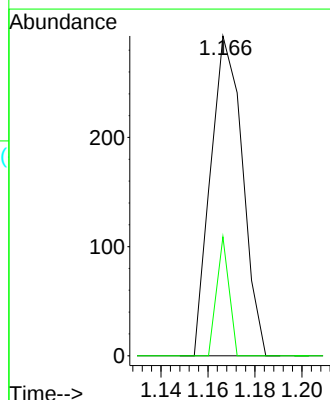
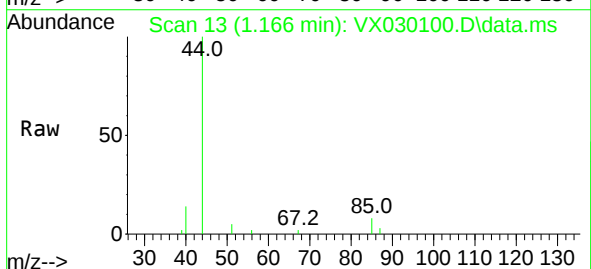
Instrument :
MSVOA_X
ClientSampleId :
VX0718WBL01

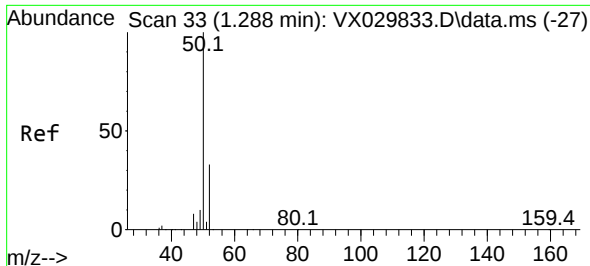
Tgt Ion:168 Resp: 175843
Ion Ratio Lower Upper
168 100
99 53.3 44.0 66.0



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX030100.D
Acq: 18 Jul 2022 10:53

Tgt Ion: 85 Resp: 276
Ion Ratio Lower Upper
85 100
87 37.2 16.5 49.5

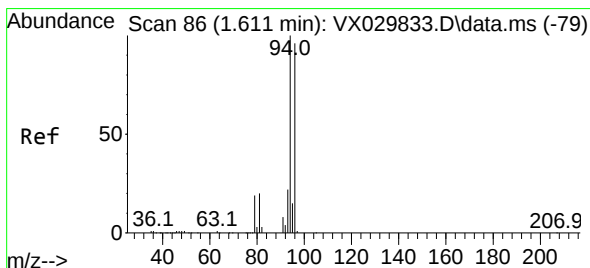
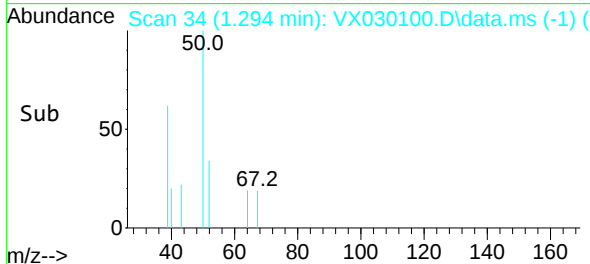
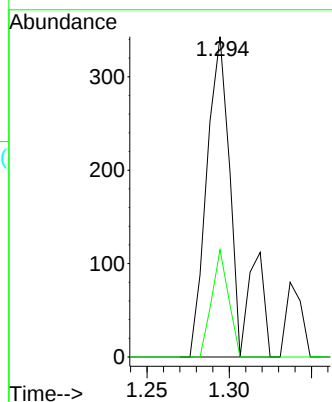
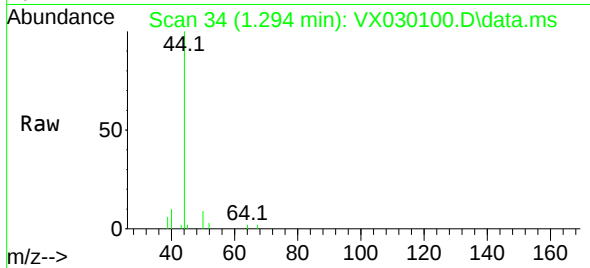




#3
Chloromethane
Concen: 0.217 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX030100.D
Acq: 18 Jul 2022 10:53

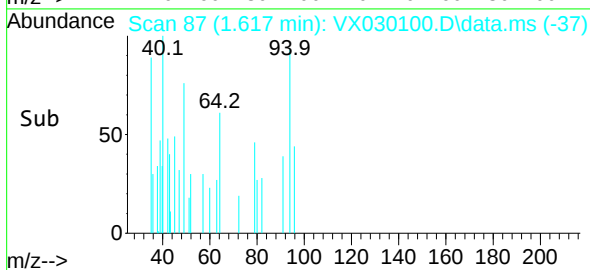
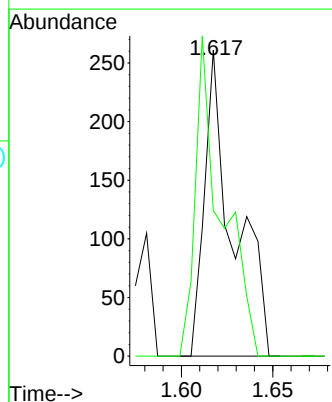
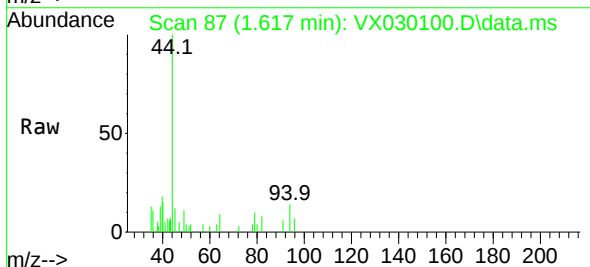
Instrument :
MSVOA_X
ClientSampleId :
VX0718WBL01

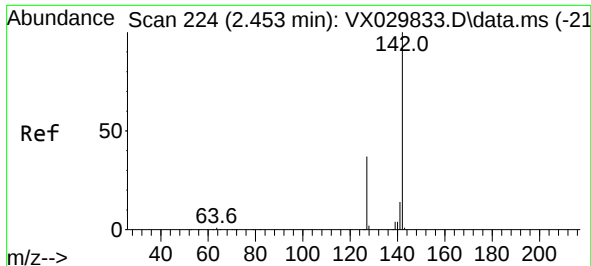
Tgt Ion: 50 Resp: 397
Ion Ratio Lower Upper
50 100
52 33.5 26.3 39.5



#5
Bromomethane
Concen: 0.331 ug/l
RT: 1.617 min Scan# 87
Delta R.T. 0.006 min
Lab File: VX030100.D
Acq: 18 Jul 2022 10:53

Tgt Ion: 94 Resp: 286
Ion Ratio Lower Upper
94 100
96 47.5 76.9 115.3#

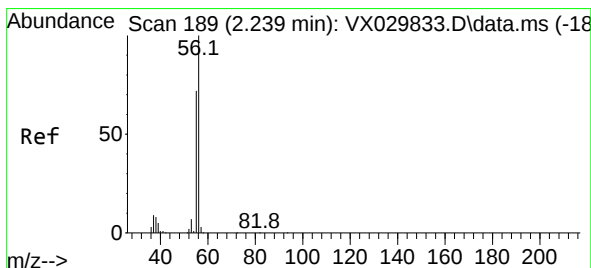
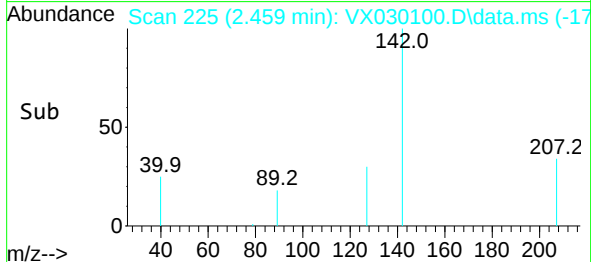
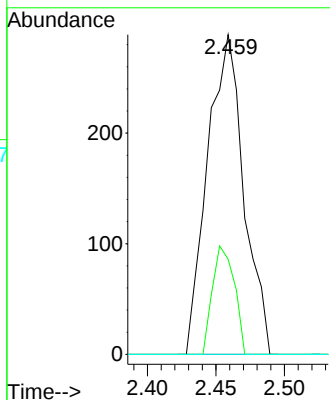
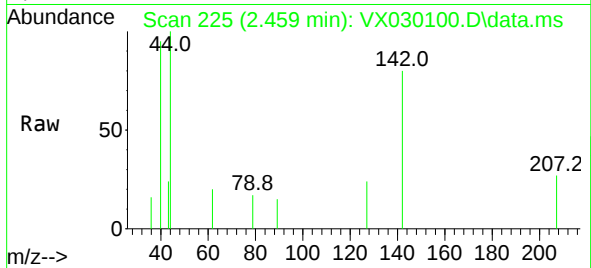




#10
Methyl Iodide
Concen: 2.696 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX030100.D
Acq: 18 Jul 2022 10:53

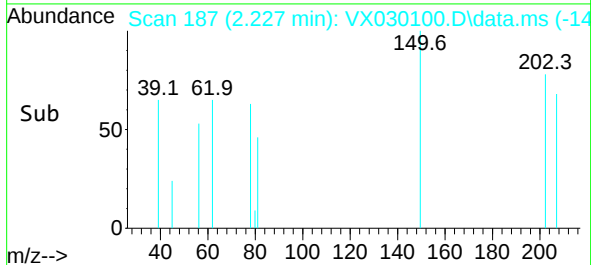
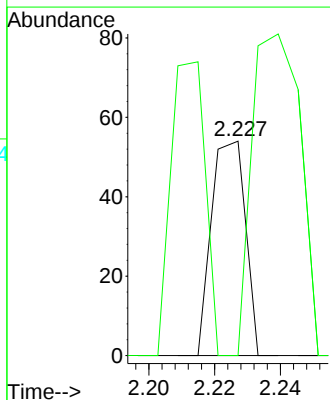
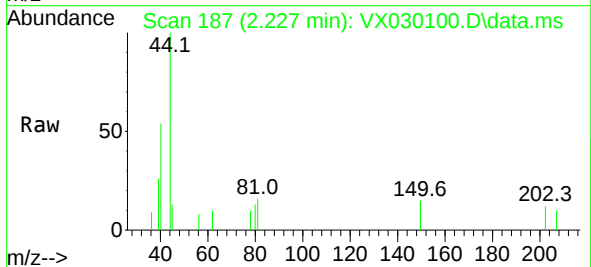
Instrument :
MSVOA_X
ClientSampleId :
VX0718WBL01

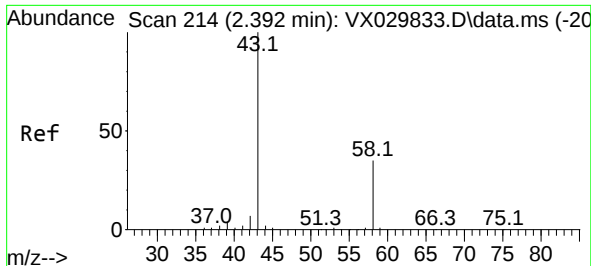
Tgt Ion:142 Resp: 533
Ion Ratio Lower Upper
142 100
127 20.3 30.2 45.2#
141 0.0 11.3 16.9#



#13
Acrolein
Concen: 0.354 ug/l
RT: 2.227 min Scan# 187
Delta R.T. -0.012 min
Lab File: VX030100.D
Acq: 18 Jul 2022 10:53

Tgt Ion: 56 Resp: 39
Ion Ratio Lower Upper
56 100
55 138.5 56.6 84.8#

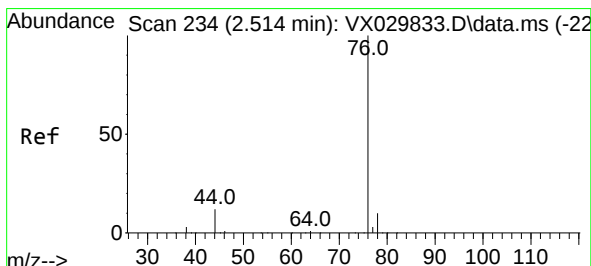
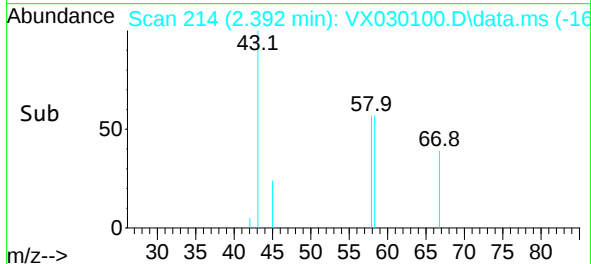
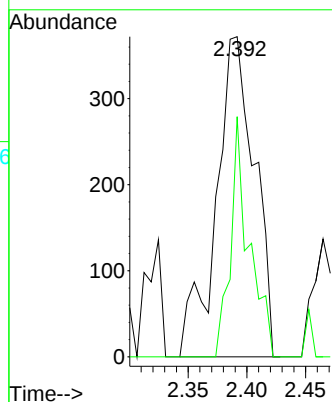
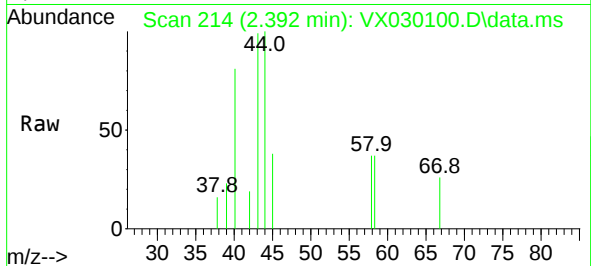




#16
Acetone
Concen: 0.839 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX030100.D
Acq: 18 Jul 2022 10:53

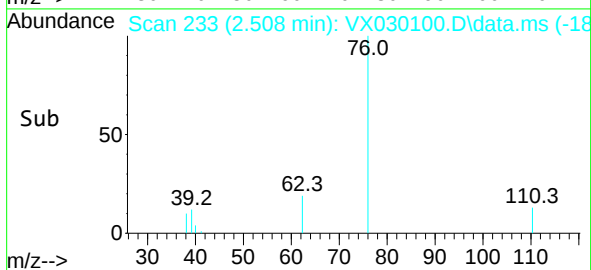
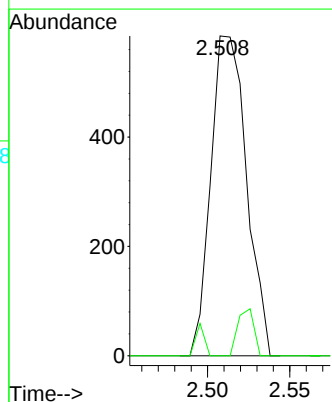
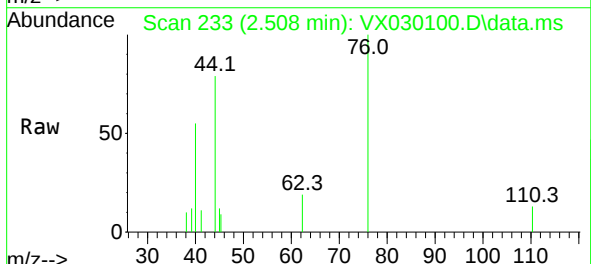
Instrument :
MSVOA_X
ClientSampleId :
VX0718WBL01

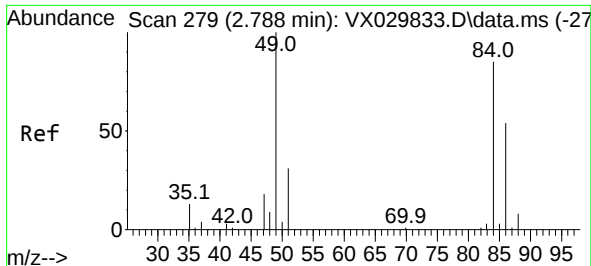
Tgt Ion: 43 Resp: 846
Ion Ratio Lower Upper
43 100
58 75.0 27.7 41.5#



#17
Carbon Disulfide
Concen: Below Cal
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX030100.D
Acq: 18 Jul 2022 10:53

Tgt Ion: 76 Resp: 883
Ion Ratio Lower Upper
76 100
78 0.0 7.8 11.6#





#20

Methylene Chloride

Concen: Below Cal

RT: 2.794 min Scan# 21

Delta R.T. 0.006 min

Lab File: VX030100.D

Acq: 18 Jul 2022 10:53

Instrument :

MSVOA_X

ClientSampleId :

VX0718WBL01

Tgt Ion: 84 Resp: 2046

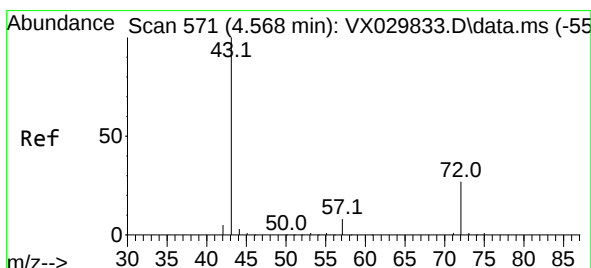
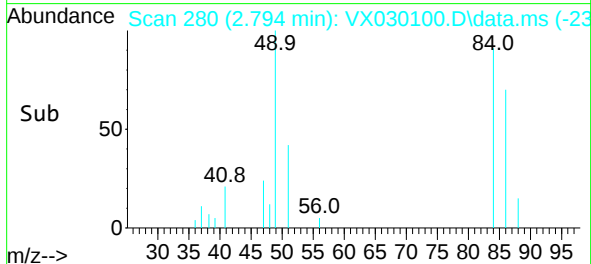
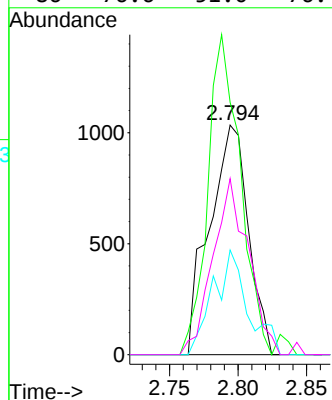
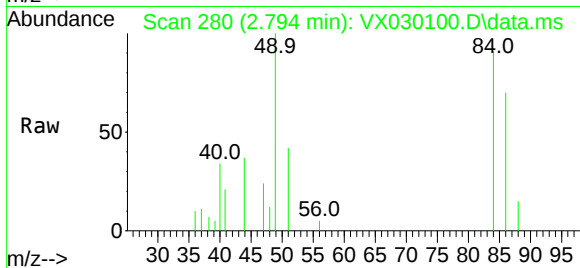
Ion Ratio Lower Upper

84 100

49 109.9 93.8 140.6

51 45.6 29.4 44.0#

86 76.6 51.0 76.4#



#25

2-Butanone

Concen: 0.281 ug/l

RT: 4.568 min Scan# 571

Delta R.T. 0.000 min

Lab File: VX030100.D

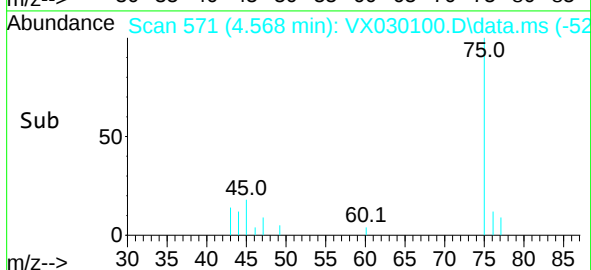
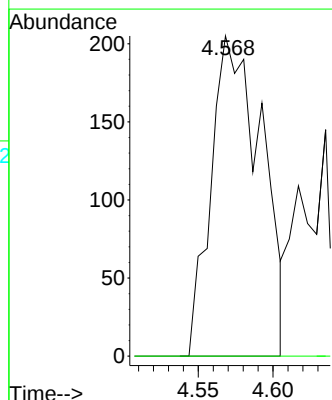
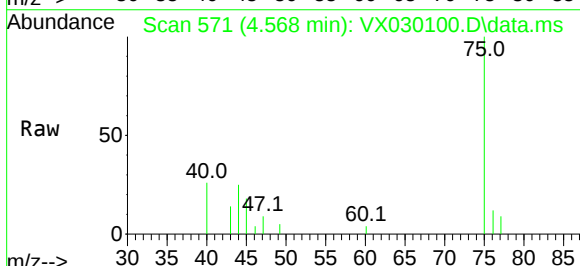
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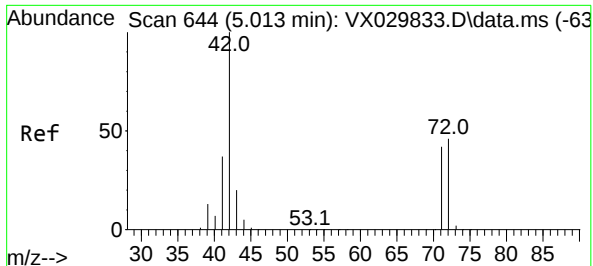
Tgt Ion: 43 Resp: 482

Ion Ratio Lower Upper

43 100

72 0.0 21.7 32.5#





#29

Tetrahydrofuran

Concen: 0.234 ug/l

RT: 5.019 min Scan# 644

Delta R.T. 0.006 min

Lab File: VX030100.D

Acq: 18 Jul 2022 10:53

Instrument :

MSVOA_X

ClientSampleId :

VX0718WBL01

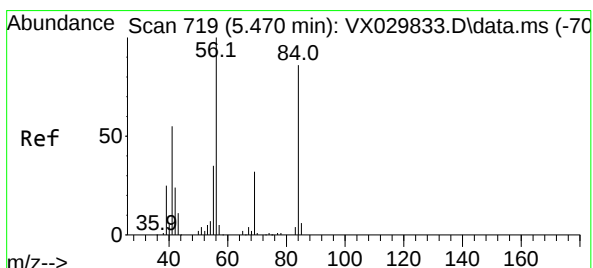
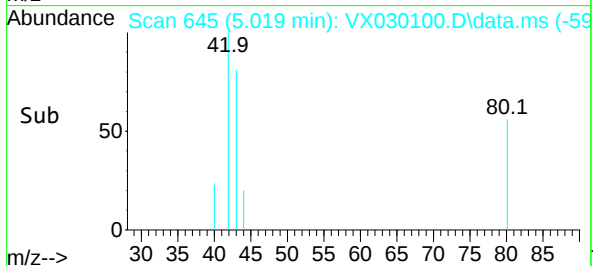
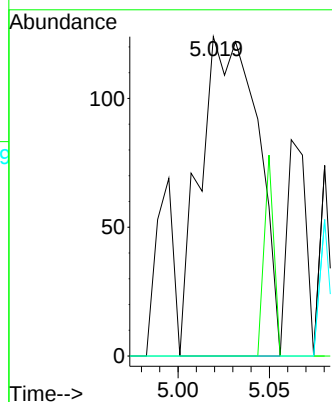
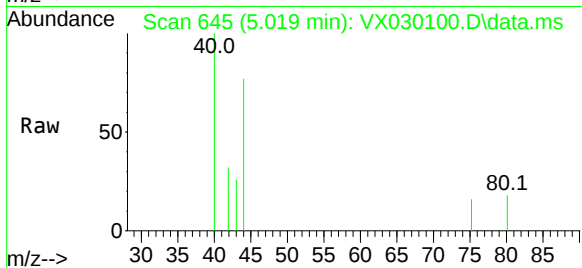
Tgt Ion: 42 Resp: 273

Ion Ratio Lower Upper

42 100

72 0.0 36.5 54.7#

71 0.0 33.9 50.9#



#31

Cyclohexane

Concen: 1.195 ug/l

RT: 5.550 min Scan# 732

Delta R.T. 0.080 min

Lab File: VX030100.D

Acq: 18 Jul 2022 10:53

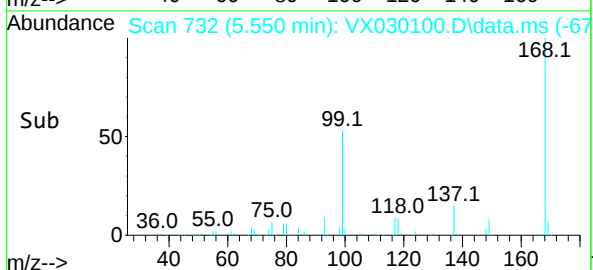
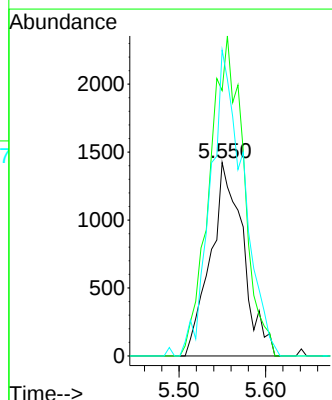
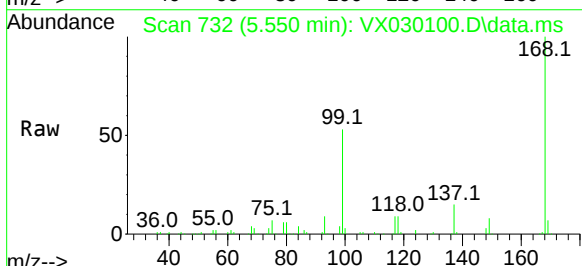
Tgt Ion: 56 Resp: 3709

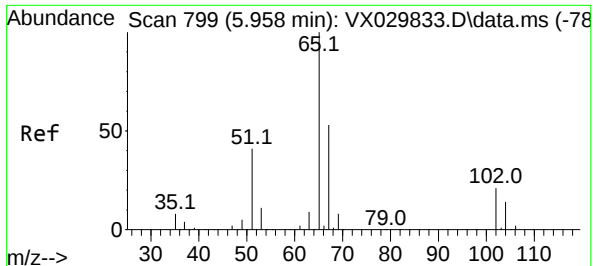
Ion Ratio Lower Upper

56 100

69 137.3 25.4 38.0#

84 158.2 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 50.716 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX030100.D

Acq: 18 Jul 2022 10:53

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MSVOA_X

ClientSampleId :

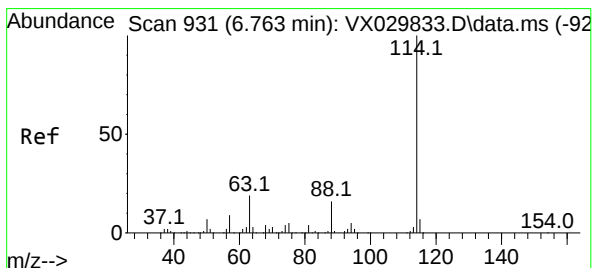
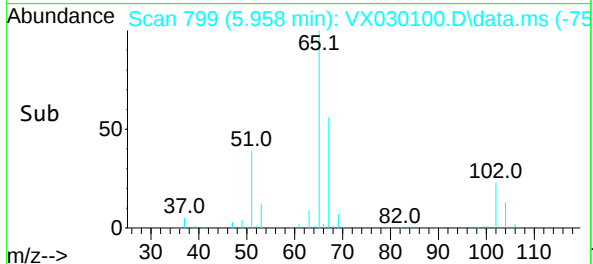
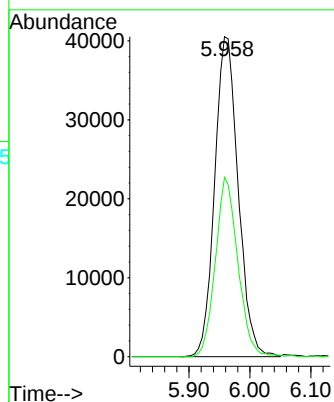
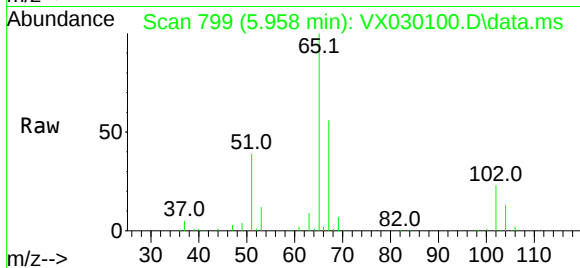
VX0718WBL01

Tgt Ion: 65 Resp: 108549

Ion Ratio Lower Upper

65 100

67 53.6 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX030100.D

Acq: 18 Jul 2022 10:53

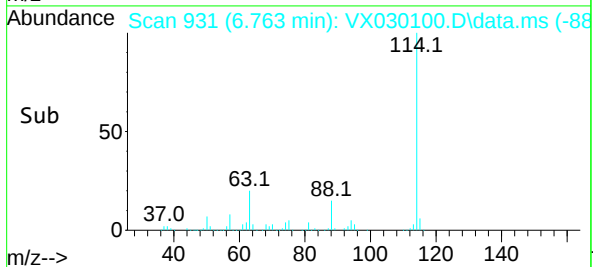
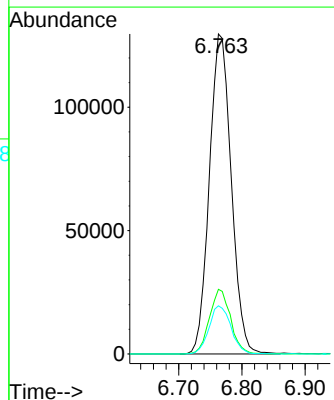
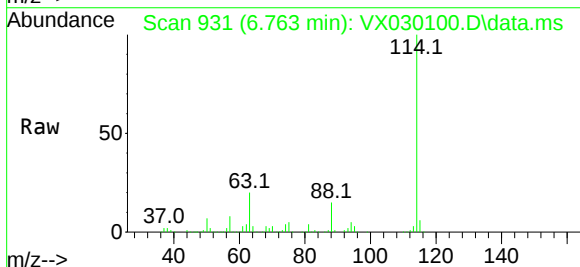
Tgt Ion: 114 Resp: 311630

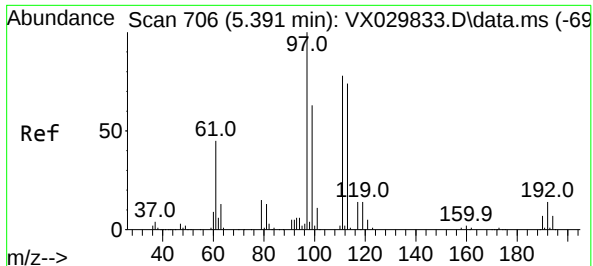
Ion Ratio Lower Upper

114 100

63 20.2 0.0 38.4

88 15.1 0.0 31.8

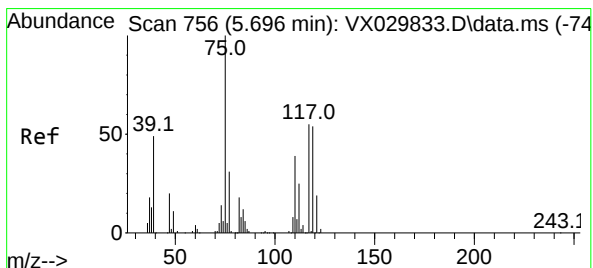
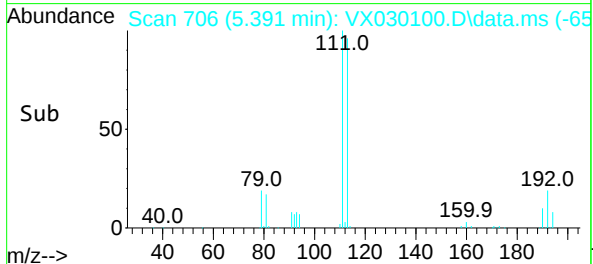
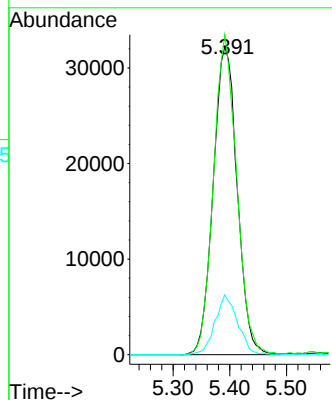
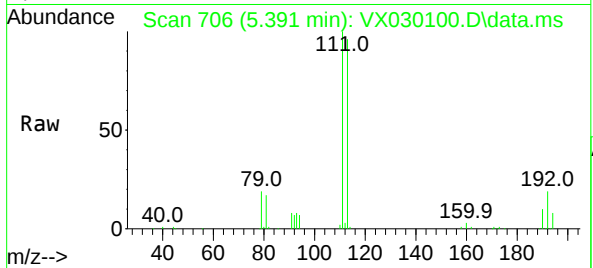




#35
Dibromofluoromethane
Concen: 47.393 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX030100.D
Acq: 18 Jul 2022 10:53

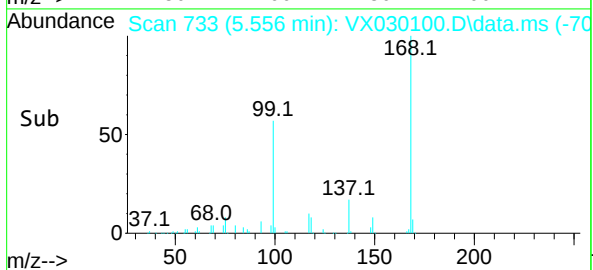
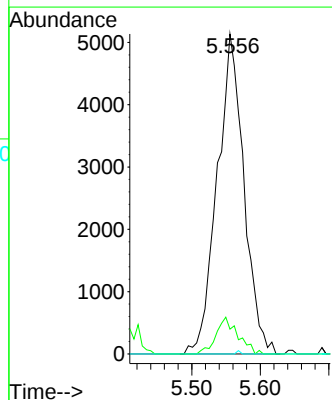
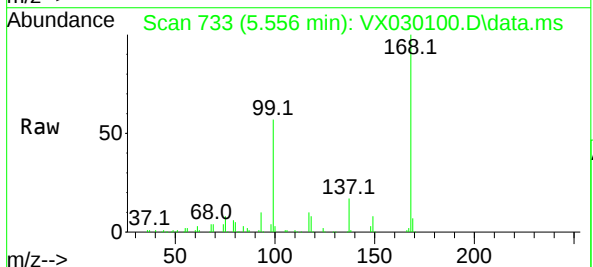
Instrument :
MSVOA_X
ClientSampleId :
VX0718WBL01

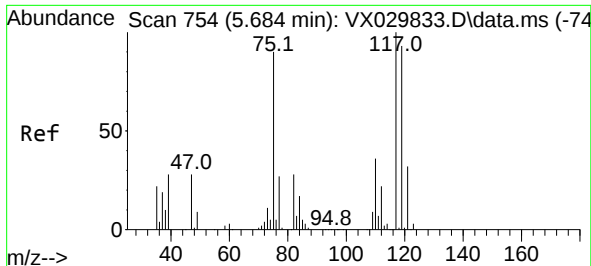
Tgt Ion:113 Resp: 94351
Ion Ratio Lower Upper
113 100
111 100.8 83.2 124.8
192 18.3 14.8 22.2



#36
1,1-Dichloropropene
Concen: 5.404 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX030100.D
Acq: 18 Jul 2022 10:53

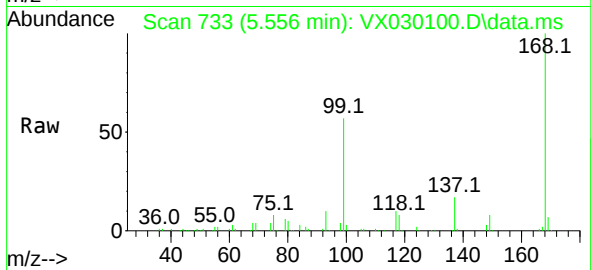
Tgt Ion: 75 Resp: 13897
Ion Ratio Lower Upper
75 100
110 9.4 19.3 57.9#
77 0.1 24.4 36.6#



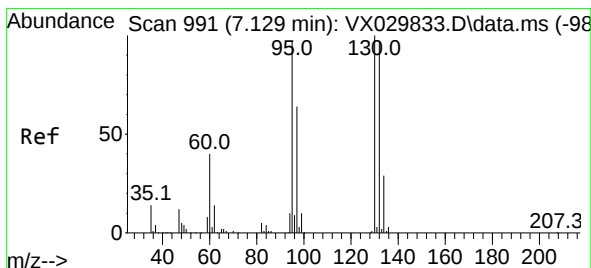
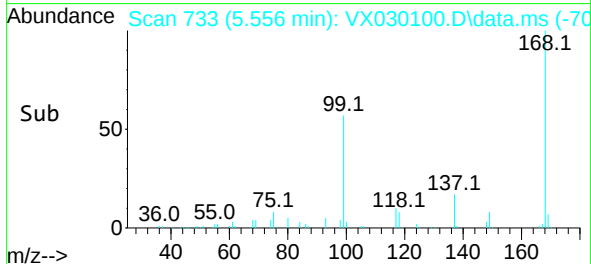
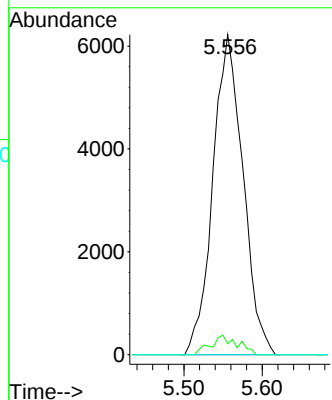


#38
Carbon Tetrachloride
Concen: 6.941 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX030100.D
Acq: 18 Jul 2022 10:53

Instrument :
MSVOA_X
ClientSampleId :
VX0718WBL01

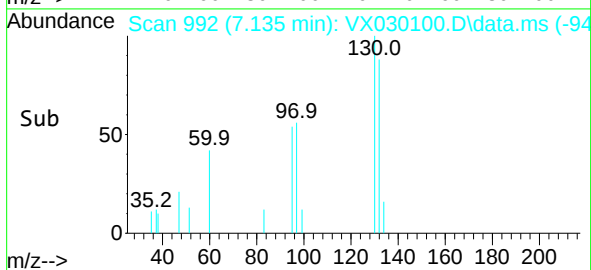
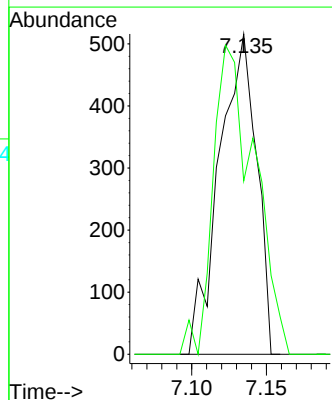
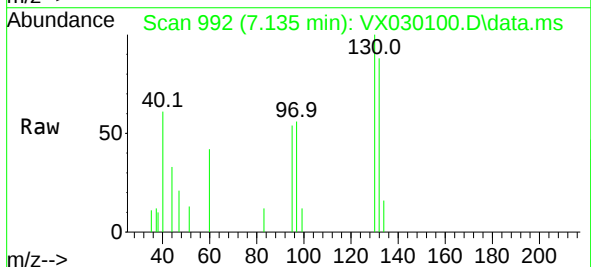


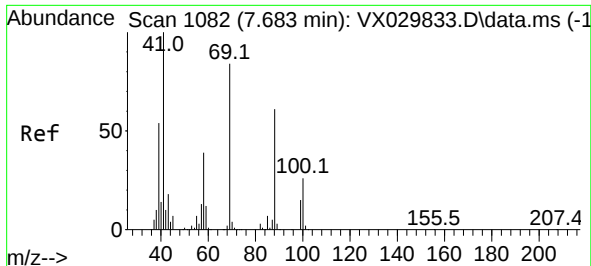
Tgt Ion:117 Resp: 16645
Ion Ratio Lower Upper
117 100
119 3.4 74.1 111.1#
121 0.0 25.8 38.8#



#44
Trichloroethene
Concen: 0.377 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX030100.D
Acq: 18 Jul 2022 10:53

Tgt Ion:130 Resp: 892
Ion Ratio Lower Upper
130 100
95 54.1 0.0 194.8





#49

1,4-Dioxane

Concen: 0.504 ug/l

RT: 7.519 min Scan# 1055

Delta R.T. -0.164 min

Lab File: VX030100.D

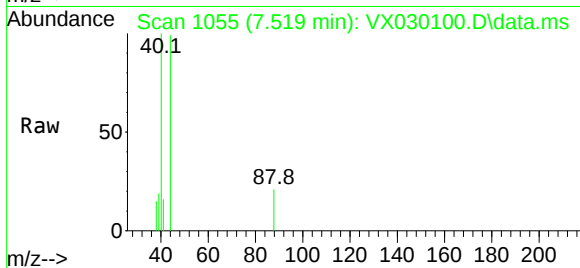
Acq: 18 Jul 2022 10:53

Instrument :

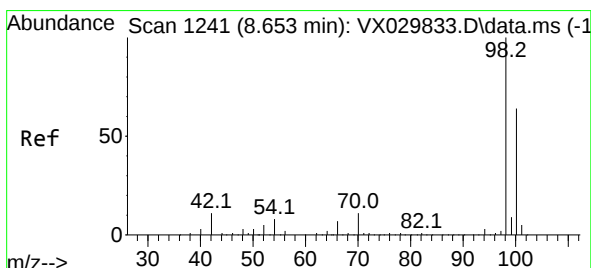
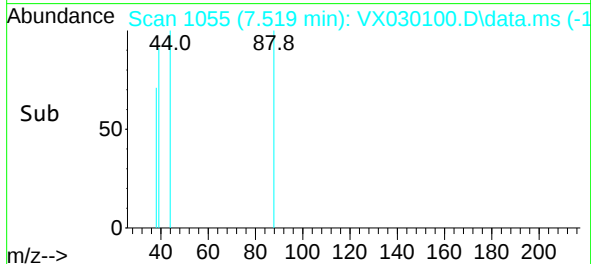
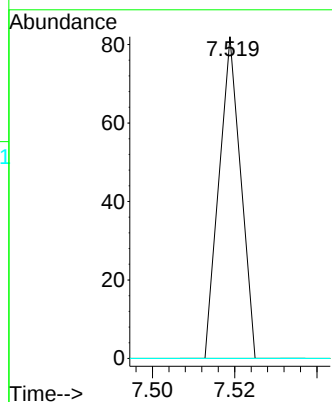
MSVOA_X

ClientSampleId :

VX0718WBL01



Tgt Ion:	88	Resp:	30
Ion	Ratio	Lower	Upper
88	100		
43	0.0	23.8	35.8#
58	0.0	53.8	80.6#



#50

Toluene-d8

Concen: 46.799 ug/l

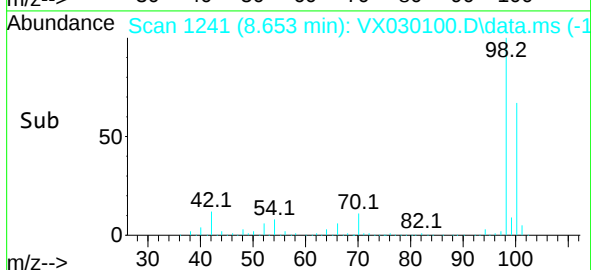
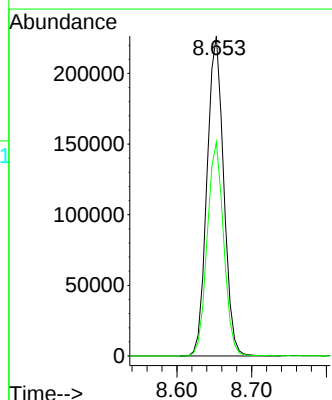
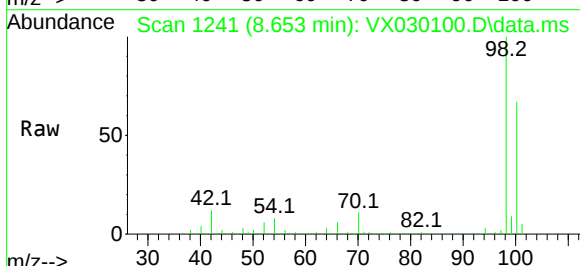
RT: 8.653 min Scan# 1241

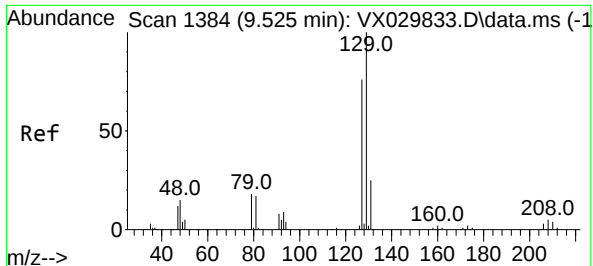
Delta R.T. -0.000 min

Lab File: VX030100.D

Acq: 18 Jul 2022 10:53

Tgt Ion:	98	Resp:	350401
Ion	Ratio	Lower	Upper
98	100		
100	65.8	52.3	78.5

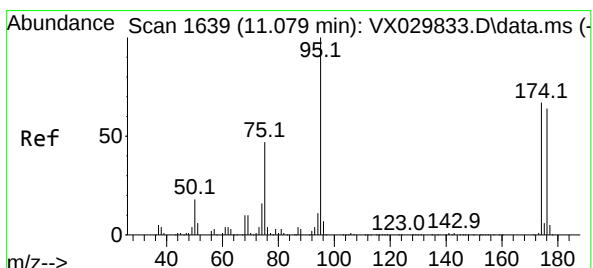
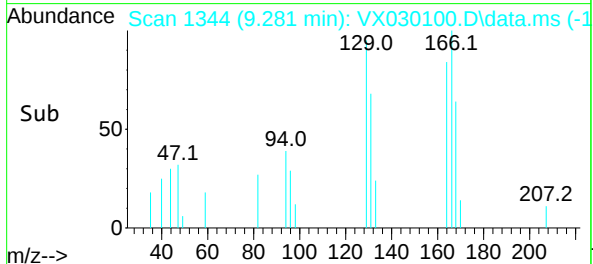
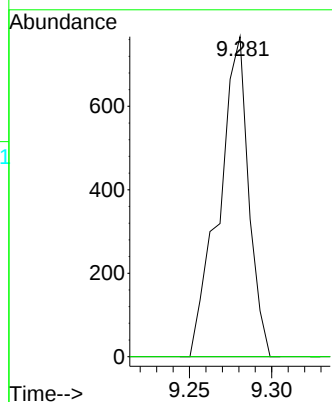
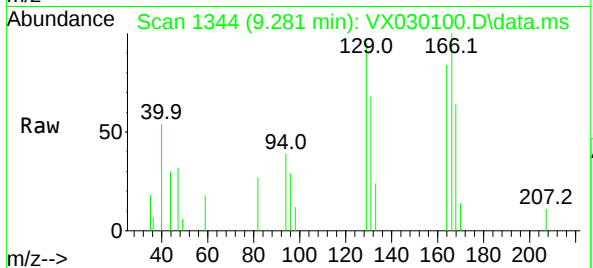




#60
Dibromochloromethane
Concen: 0.465 ug/l
RT: 9.281 min Scan# 11
Delta R.T. -0.244 min
Lab File: VX030100.D
Acq: 18 Jul 2022 10:53

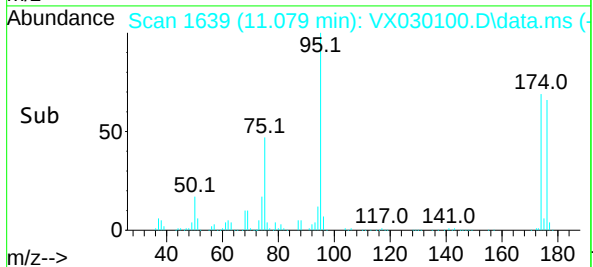
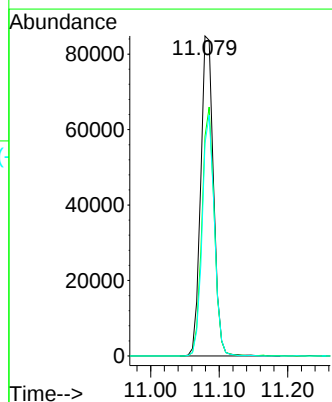
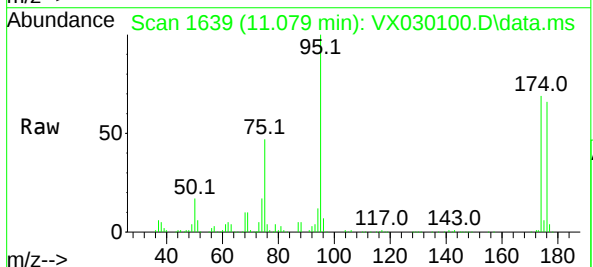
Instrument :
MSVOA_X
ClientSampleId :
VX0718WBL01

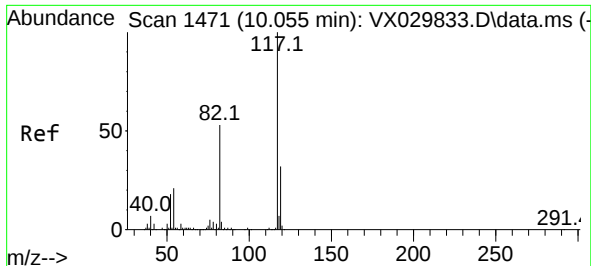
Tgt Ion:129 Resp: 961
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.5#



#62
4-Bromofluorobenzene
Concen: 42.600 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX030100.D
Acq: 18 Jul 2022 10:53

Tgt Ion: 95 Resp: 110688
Ion Ratio Lower Upper
95 100
174 74.5 0.0 149.0
176 71.5 0.0 146.0

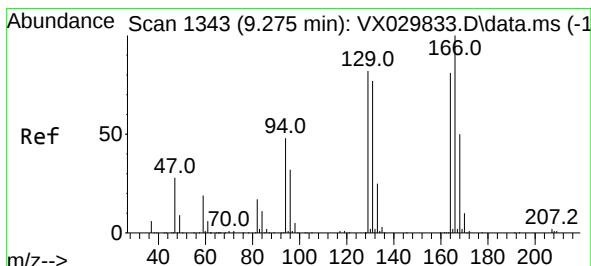
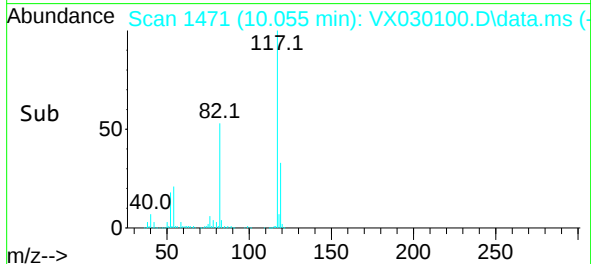
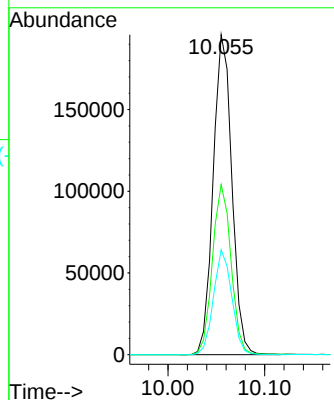
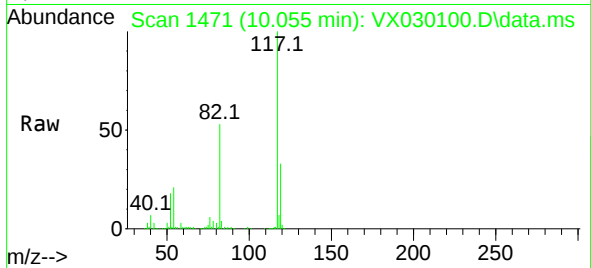




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX030100.D
Acq: 18 Jul 2022 10:53

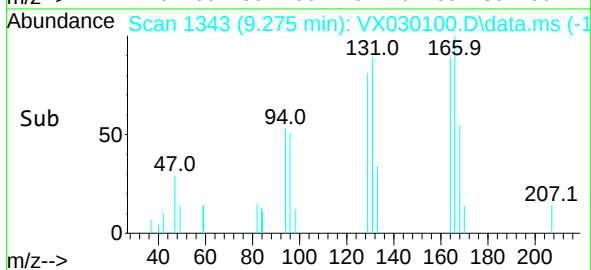
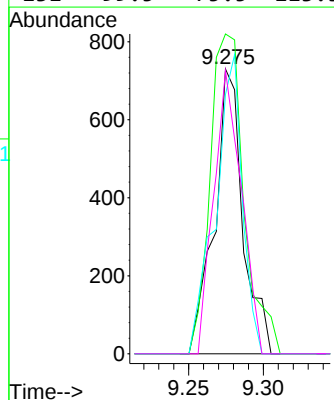
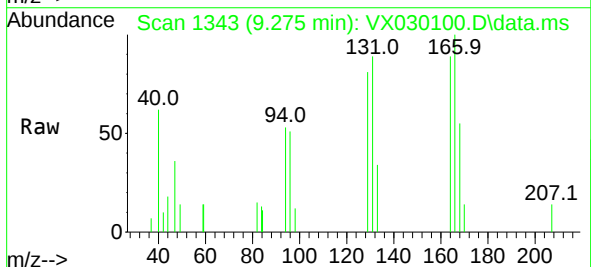
Instrument :
MSVOA_X
ClientSampleId :
VX0718WBL01

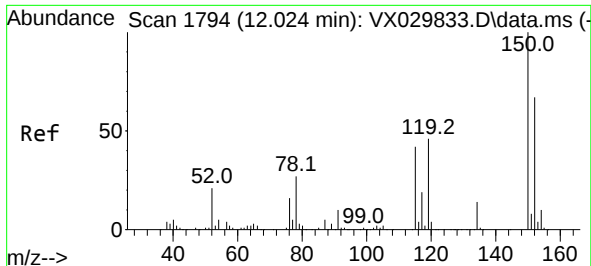
Tgt Ion:117 Resp: 262818
Ion Ratio Lower Upper
117 100
82 53.1 42.7 64.1
119 32.8 25.4 38.2



#64
Tetrachloroethene
Concen: 0.459 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX030100.D
Acq: 18 Jul 2022 10:53

Tgt Ion:164 Resp: 968
Ion Ratio Lower Upper
164 100
166 112.3 98.2 147.4
129 91.1 80.8 121.2
131 99.5 75.5 113.3

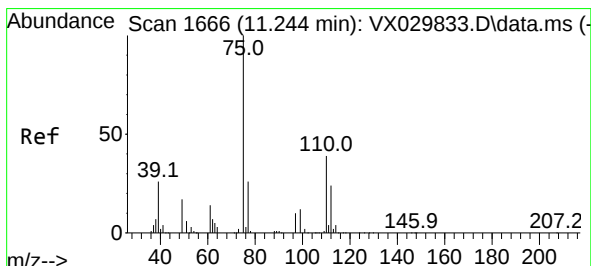
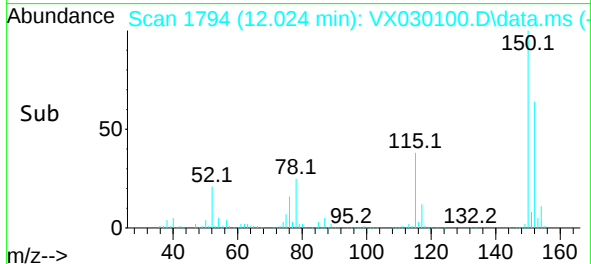
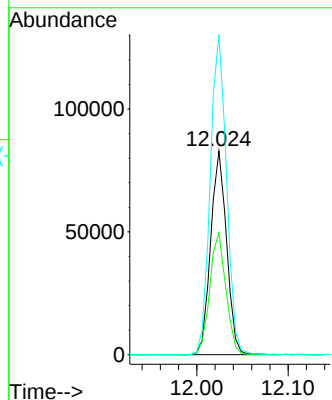
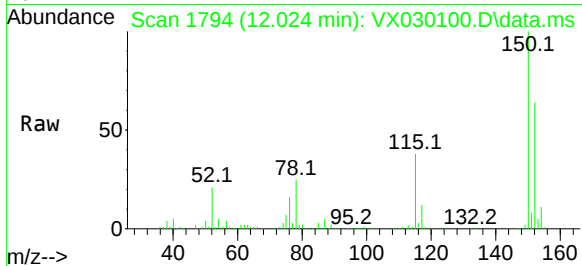




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX030100.D
 Acq: 18 Jul 2022 10:53

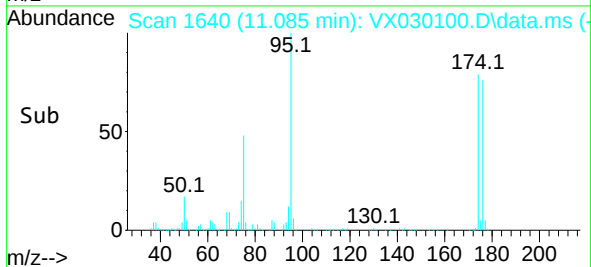
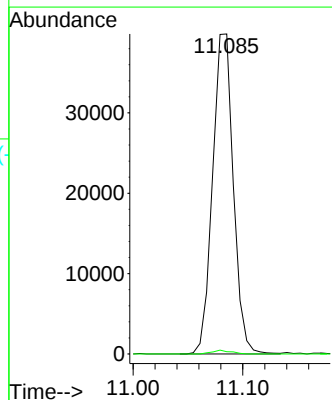
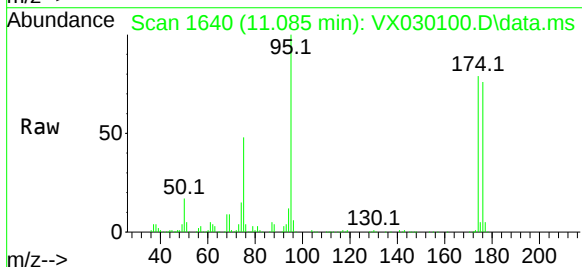
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0718WBL01

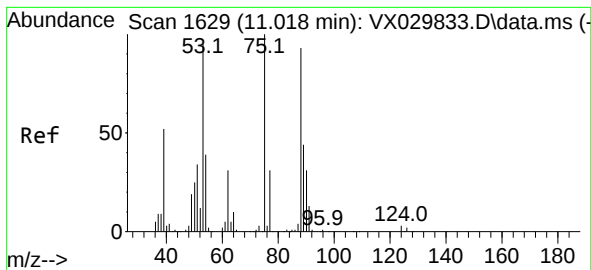
Tgt Ion:152 Resp: 100352
 Ion Ratio Lower Upper
 152 100
 115 60.4 40.5 121.5
 150 159.9 0.0 347.0



#76
 1,2,3-Trichloropropane
 Concen: 22.694 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. -0.159 min
 Lab File: VX030100.D
 Acq: 18 Jul 2022 10:53

Tgt Ion: 75 Resp: 52363
 Ion Ratio Lower Upper
 75 100
 77 1.0 19.8 59.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 65.496 ug/l
 RT: 11.085 min Scan# 1
 Delta R.T. 0.067 min
 Lab File: VX030100.D
 Acq: 18 Jul 2022 10:53

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0718WBL01

Tgt Ion: 75 Resp: 52363
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.2 111.4#
 89 0.1 34.8 52.2#

