

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071522\
 Data File : VX030088.D
 Acq On : 15 Jul 2022 13:53
 Operator : JC/MD
 Sample : N3735-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-071422

Quant Time: Jul 16 06:01:59 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)

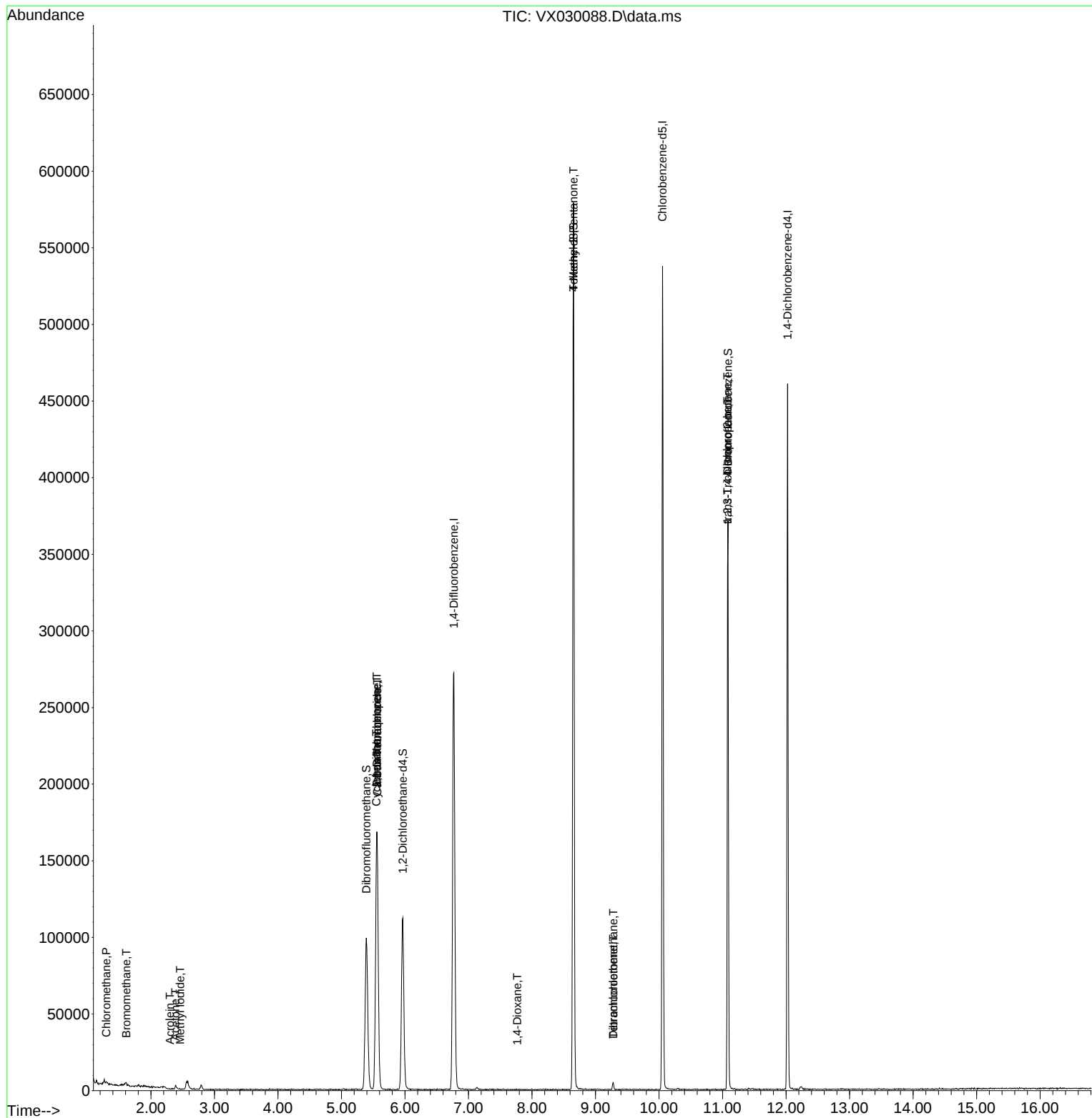
Internal Standards						
1) Pentafluorobenzene	5.556	168	164901	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	294374	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	240664	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	91387	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	98375	49.012	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.020%		
35) Dibromofluoromethane	5.391	113	87798	46.687	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.380%		
50) Toluene-d8	8.653	98	334662	47.317	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.640%		
62) 4-Bromofluorobenzene	11.085	95	102814	41.889	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	83.780%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.203	85	21	Below Cal	#	42
3) Chloromethane	1.294	50	542	0.315	ug/l #	82
5) Bromomethane	1.611	94	350	0.432	ug/l	83
10) Methyl Iodide	2.459	142	267	2.562	ug/l #	45
13) Acrolein	2.300	56	28	0.271	ug/l #	1
16) Acetone	2.386	43	2698	2.853	ug/l	88
17) Carbon Disulfide	2.508	76	289	Below Cal	#	74
20) Methylene Chloride	2.794	84	1410	Below Cal		86
31) Cyclohexane	5.550	56	3610	1.241	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	12741	5.245	ug/l #	49
38) Carbon Tetrachloride	5.562	117	16146	7.128	ug/l #	17
49) 1,4-Dioxane	7.769	88	22	0.391	ug/l #	5
51) 4-Methyl-2-Pentanone	8.653	43	1455	0.468	ug/l #	1
60) Dibromochloromethane	9.281	129	922	0.473	ug/l #	11
64) Tetrachloroethene	9.281	164	939	0.486	ug/l #	81
76) 1,2,3-Trichloropropane	11.079	75	49074	23.355	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	49074	67.403	ug/l #	13

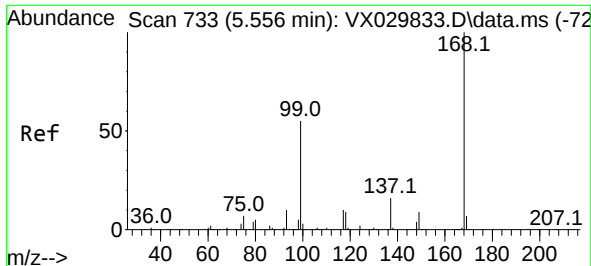
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071522\
Data File : VX030088.D
Acq On : 15 Jul 2022 13:53
Operator : JC/MD
Sample : N3735-04
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TB-01-071422

Quant Time: Jul 16 06:01:59 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

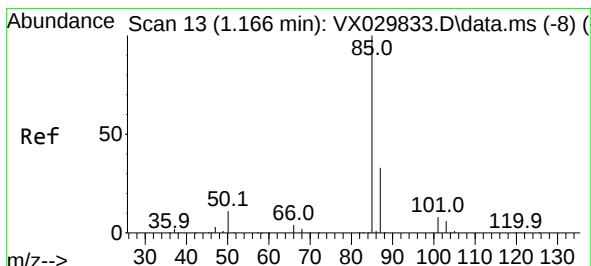
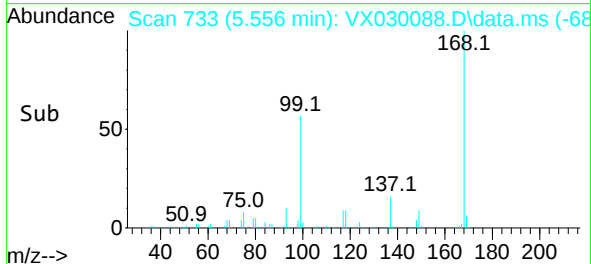
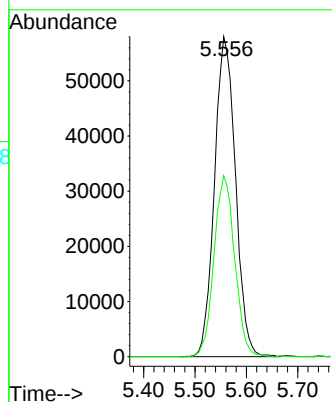
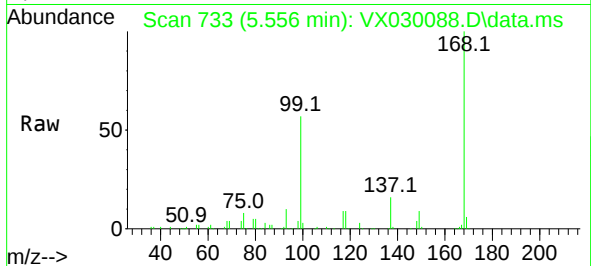




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX030088.D
Acq: 15 Jul 2022 13:53

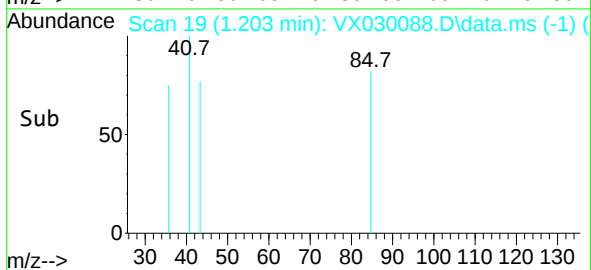
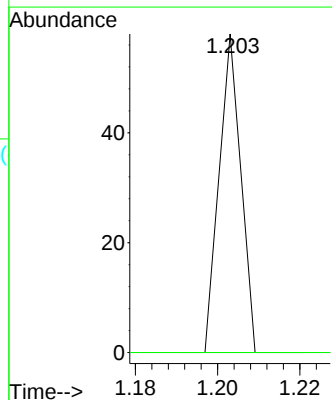
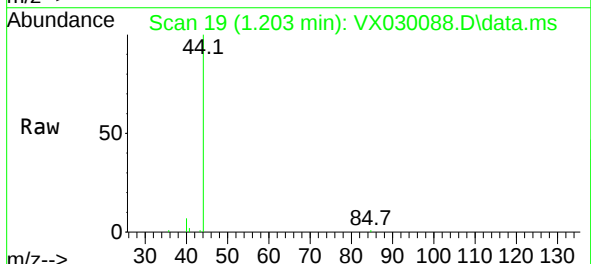
Instrument :
MSVOA_X
ClientSampleId :
TB-01-071422

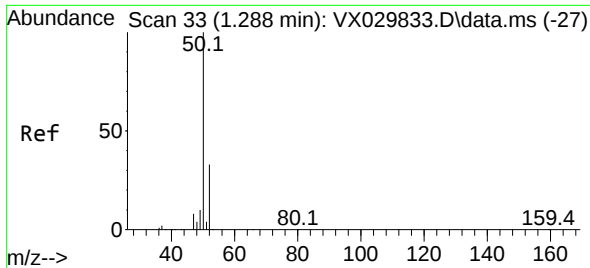
Tgt Ion:168 Resp: 164901
Ion Ratio Lower Upper
168 100
99 56.6 44.0 66.0



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.203 min Scan# 19
Delta R.T. 0.037 min
Lab File: VX030088.D
Acq: 15 Jul 2022 13:53

Tgt Ion: 85 Resp: 21
Ion Ratio Lower Upper
85 100
87 0.0 16.5 49.5#

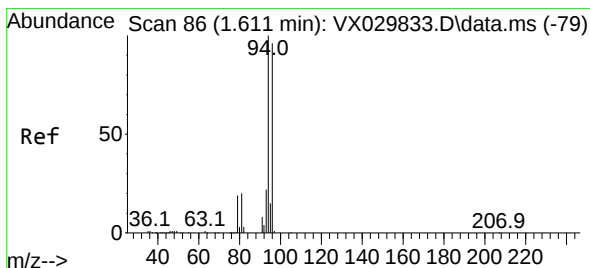
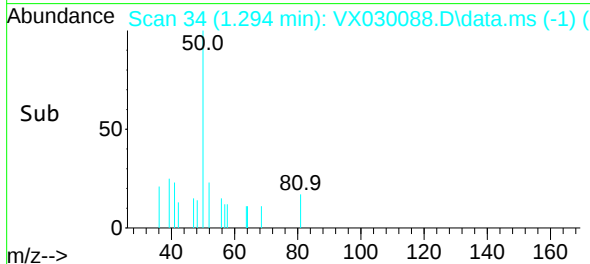
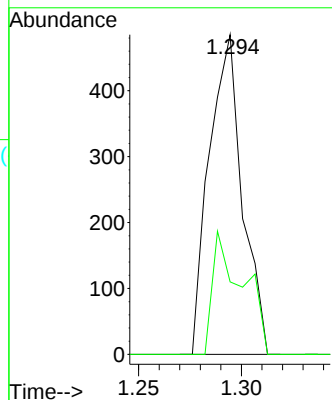
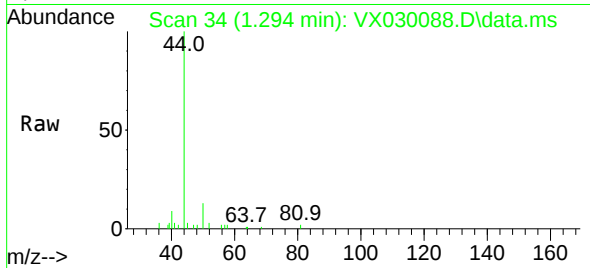




#3
Chloromethane
Concen: 0.315 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX030088.D
Acq: 15 Jul 2022 13:53

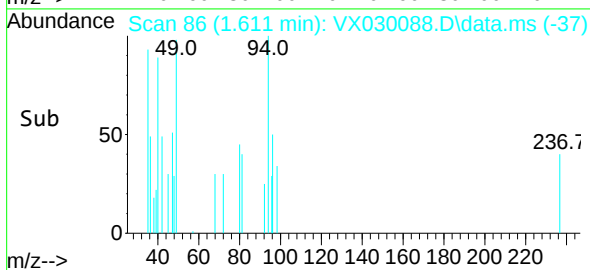
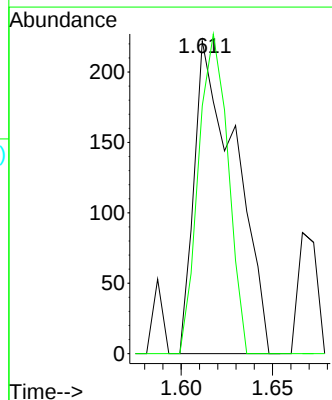
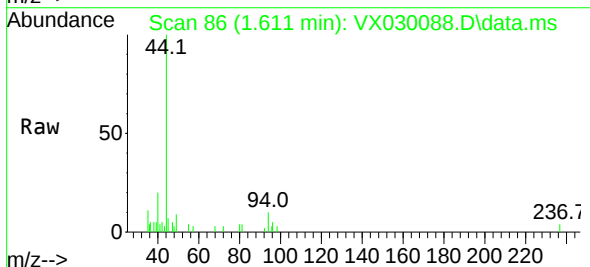
Instrument :
MSVOA_X
ClientSampleId :
TB-01-071422

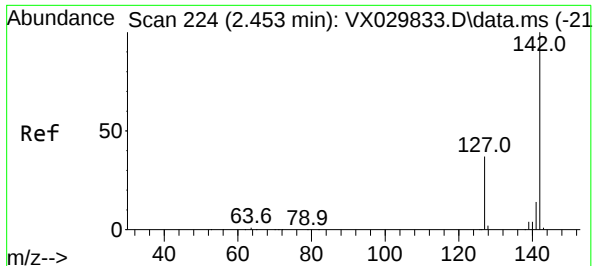
Tgt Ion: 50 Resp: 542
Ion Ratio Lower Upper
50 100
52 22.7 26.3 39.5#



#5
Bromomethane
Concen: 0.432 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.000 min
Lab File: VX030088.D
Acq: 15 Jul 2022 13:53

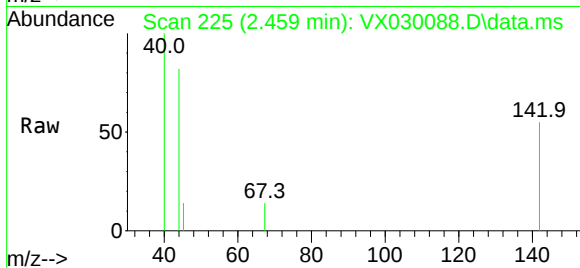
Tgt Ion: 94 Resp: 350
Ion Ratio Lower Upper
94 100
96 79.3 76.9 115.3



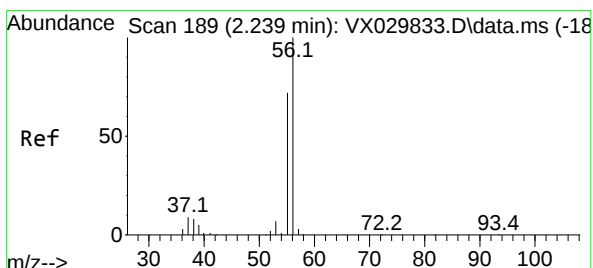
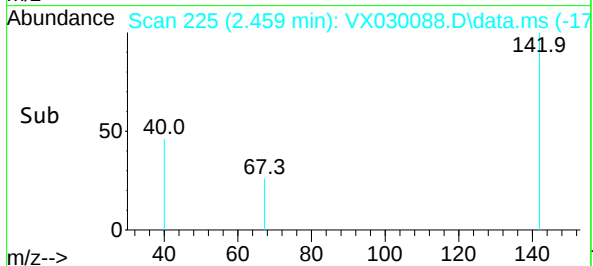
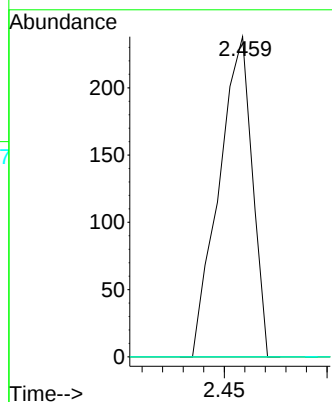


#10
Methyl Iodide
Concen: 2.562 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX030088.D
Acq: 15 Jul 2022 13:53

Instrument :
MSVOA_X
ClientSampleId :
TB-01-071422

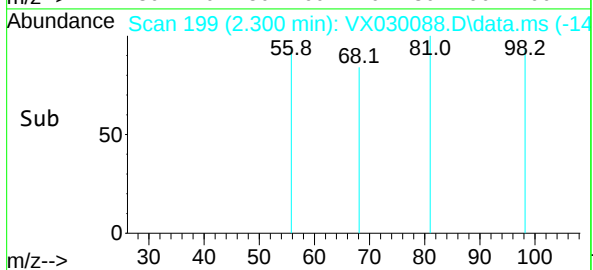
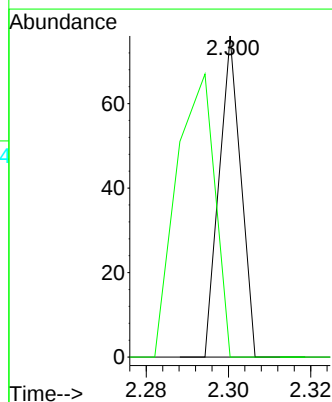
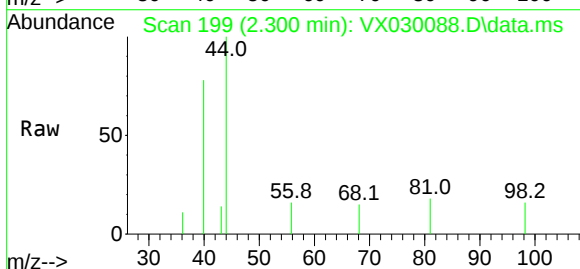


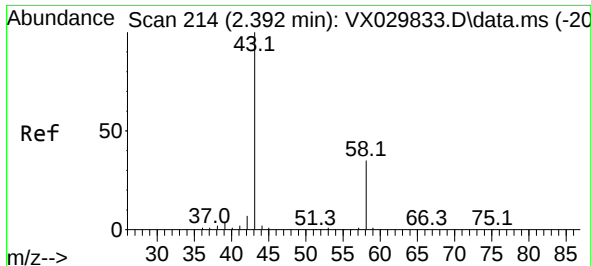
Tgt Ion:142 Resp: 267
Ion Ratio Lower Upper
142 100
127 0.0 30.2 45.2#
141 0.0 11.3 16.9#



#13
Acrolein
Concen: 0.271 ug/l
RT: 2.300 min Scan# 199
Delta R.T. 0.061 min
Lab File: VX030088.D
Acq: 15 Jul 2022 13:53

Tgt Ion: 56 Resp: 28
Ion Ratio Lower Upper
56 100
55 153.6 56.6 84.8#

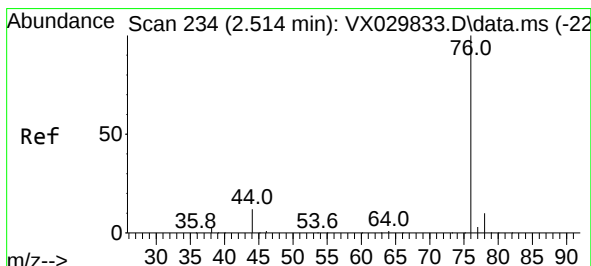
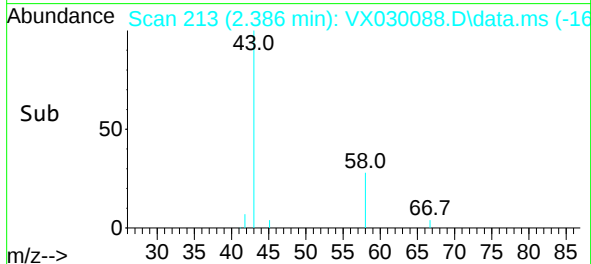
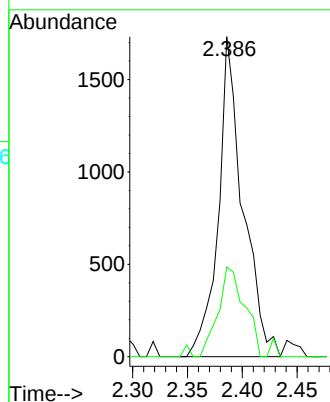
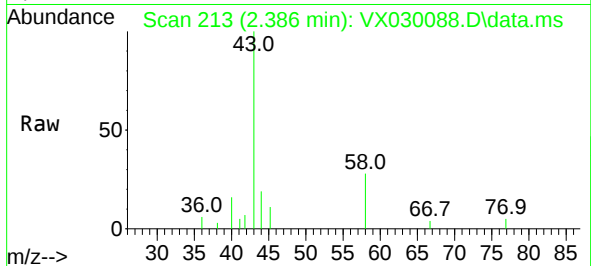




#16
Acetone
Concen: 2.853 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX030088.D
Acq: 15 Jul 2022 13:53

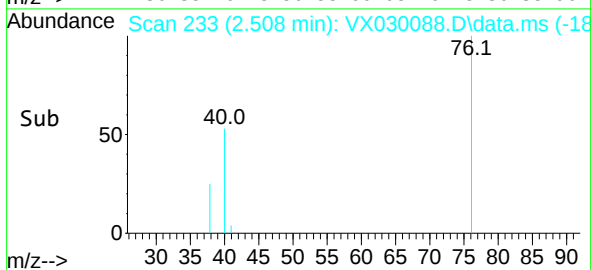
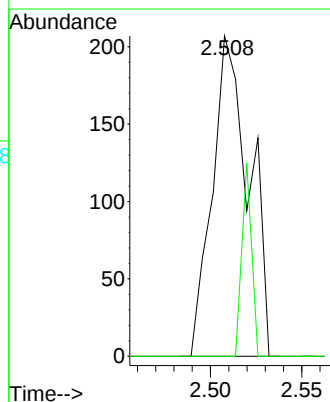
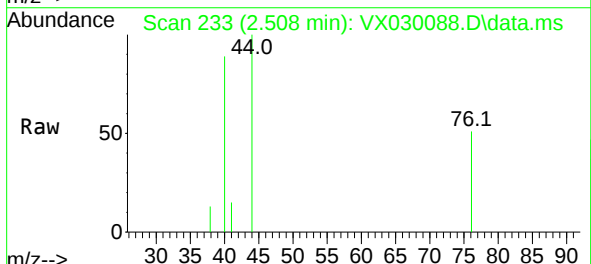
Instrument :
MSVOA_X
ClientSampleId :
TB-01-071422

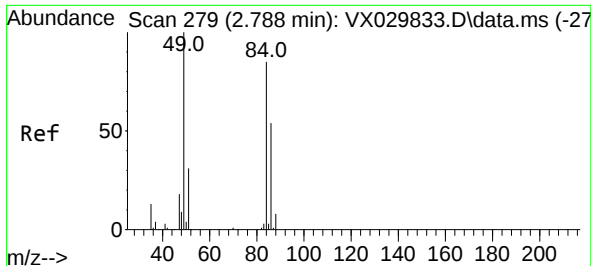
Tgt Ion: 43 Resp: 2698
Ion Ratio Lower Upper
43 100
58 27.9 27.7 41.5



#17
Carbon Disulfide
Concen: Below Cal
RT: 2.508 min Scan# 233
Delta R.T. -0.006 min
Lab File: VX030088.D
Acq: 15 Jul 2022 13:53

Tgt Ion: 76 Resp: 289
Ion Ratio Lower Upper
76 100
78 0.0 7.8 11.6#

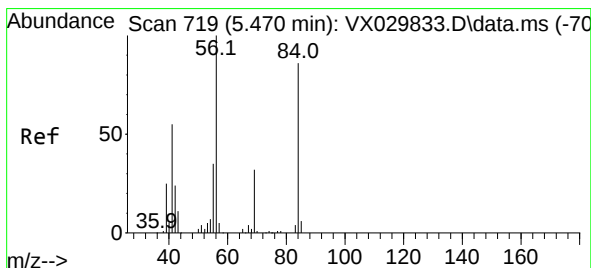
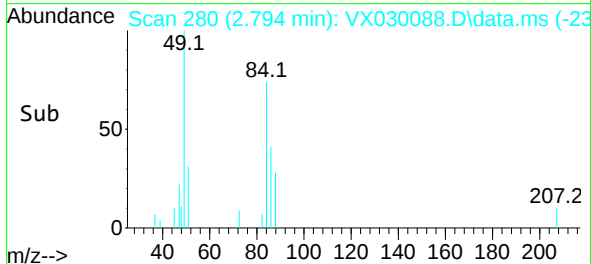
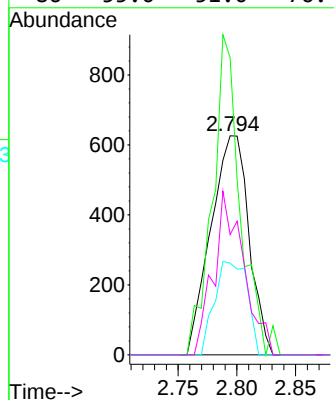
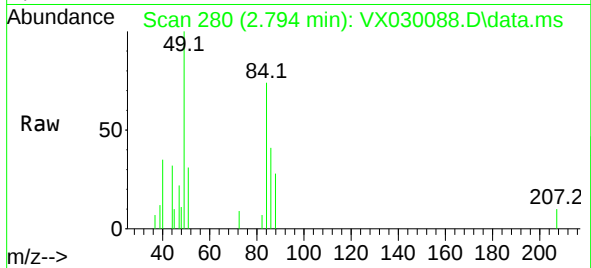




#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX030088.D
Acq: 15 Jul 2022 13:53

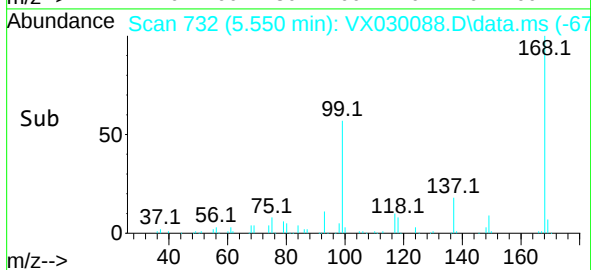
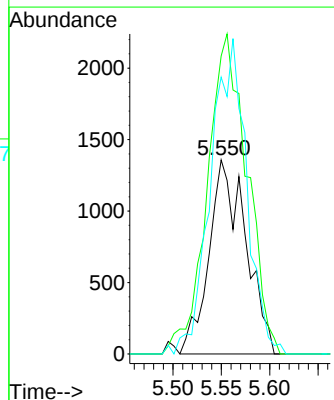
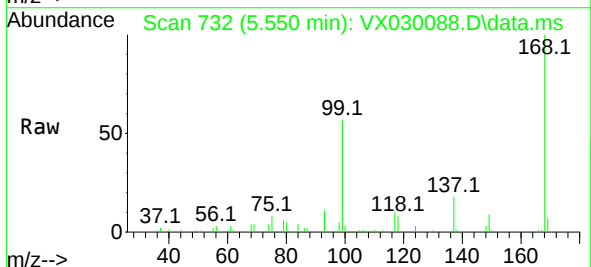
Instrument :
MSVOA_X
ClientSampleId :
TB-01-071422

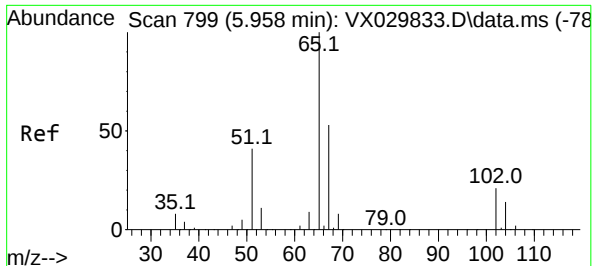
Tgt Ion:	84	Resp:	1410
Ion	Ratio	Lower	Upper
84	100		
49	135.6	93.8	140.6
51	41.9	29.4	44.0
86	55.0	51.0	76.4



#31
Cyclohexane
Concen: 1.241 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.080 min
Lab File: VX030088.D
Acq: 15 Jul 2022 13:53

Tgt Ion:	56	Resp:	3610
Ion	Ratio	Lower	Upper
56	100		
69	153.5	25.4	38.0#
84	137.5	68.9	103.3#





#33

1,2-Dichloroethane-d4

Concen: 49.012 ug/l

RT: 5.964 min Scan# 80

Delta R.T. 0.006 min

Lab File: VX030088.D

Acq: 15 Jul 2022 13:53

Instrument :

MSVOA_X

ClientSampleId :

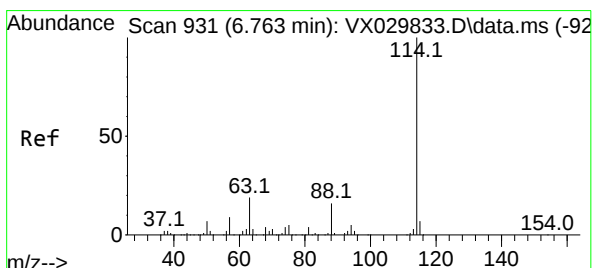
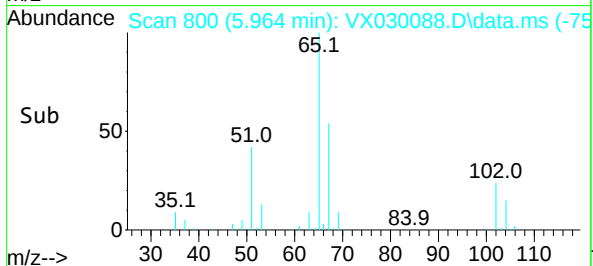
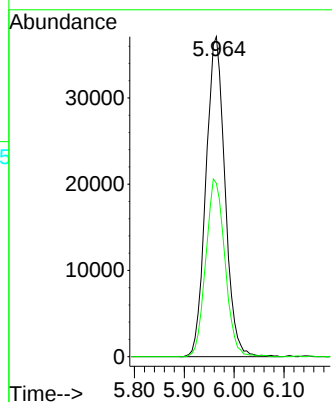
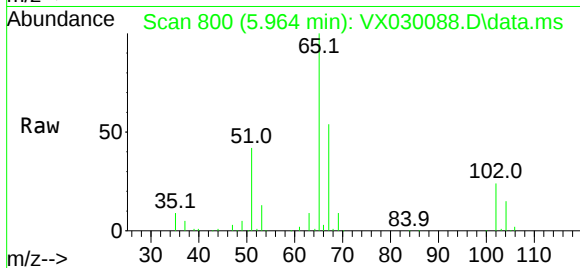
TB-01-071422

Tgt Ion: 65 Resp: 98375

Ion Ratio Lower Upper

65 100

67 55.7 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: VX030088.D

Acq: 15 Jul 2022 13:53

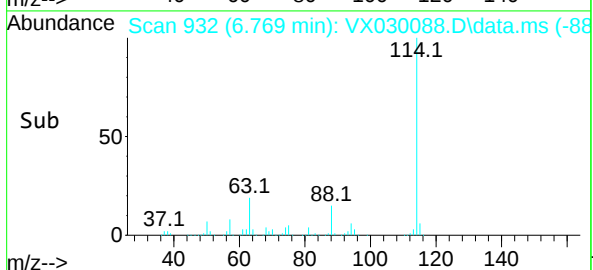
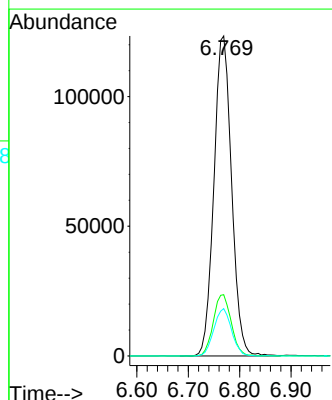
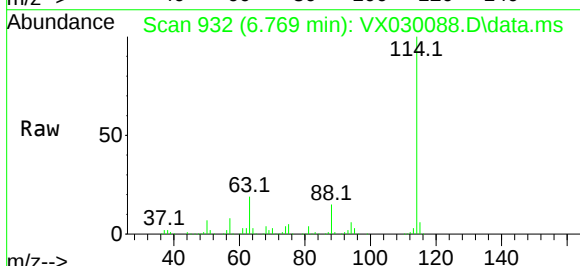
Tgt Ion: 114 Resp: 294374

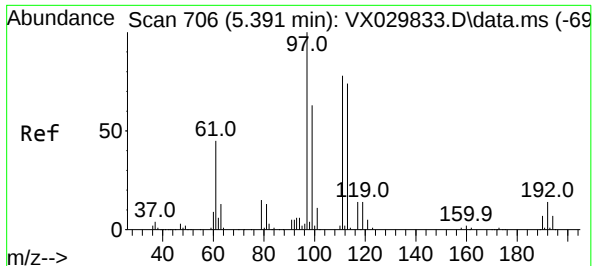
Ion Ratio Lower Upper

114 100

63 19.1 0.0 38.4

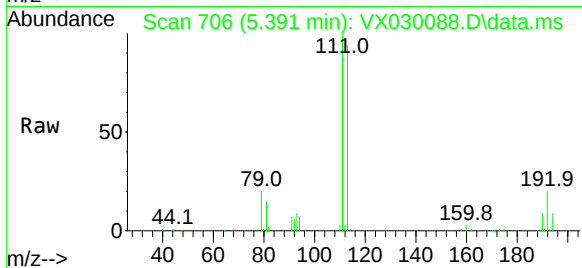
88 14.8 0.0 31.8



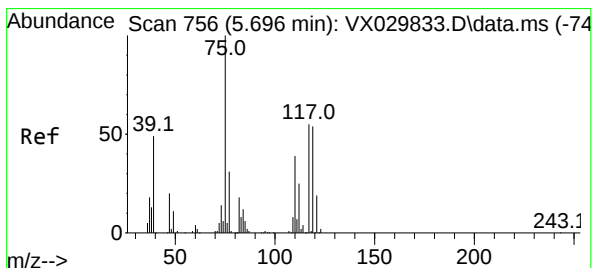
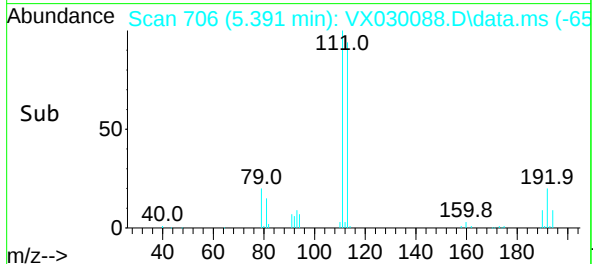
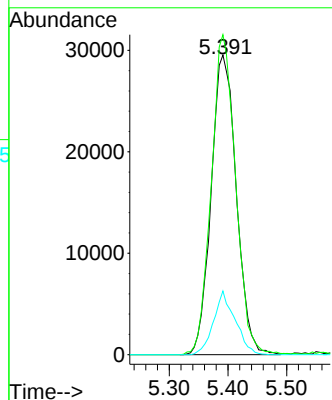


#35
Dibromofluoromethane
Concen: 46.687 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX030088.D
Acq: 15 Jul 2022 13:53

Instrument :
MSVOA_X
ClientSampleId :
TB-01-071422

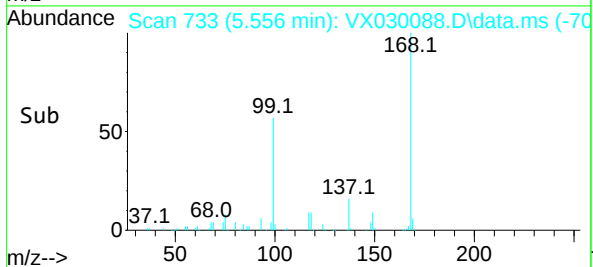
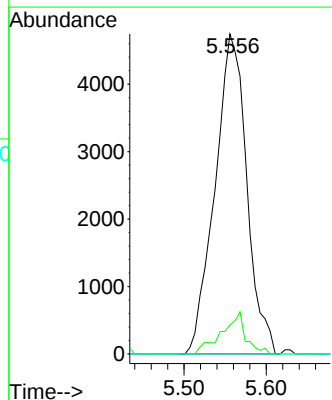
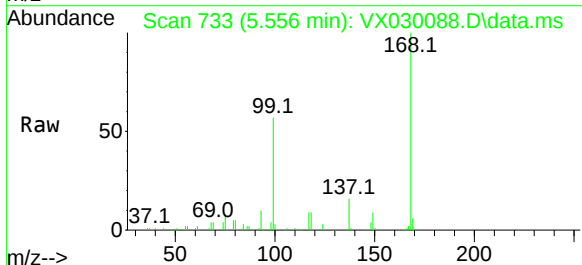


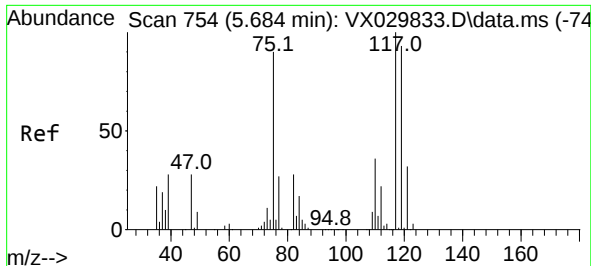
Tgt Ion:113 Resp: 87798
Ion Ratio Lower Upper
113 100
111 103.5 83.2 124.8
192 18.3 14.8 22.2



#36
1,1-Dichloropropene
Concen: 5.245 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX030088.D
Acq: 15 Jul 2022 13:53

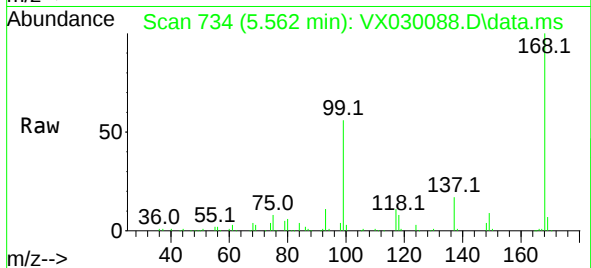
Tgt Ion: 75 Resp: 12741
Ion Ratio Lower Upper
75 100
110 9.9 19.3 57.9#
77 0.0 24.4 36.6#



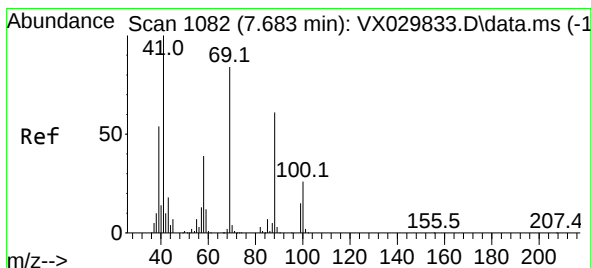
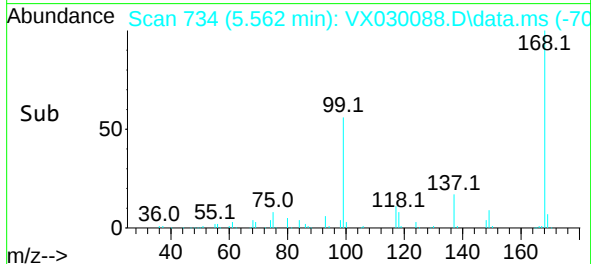
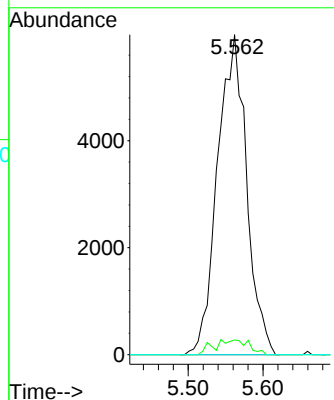


#38
Carbon Tetrachloride
Concen: 7.128 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX030088.D
Acq: 15 Jul 2022 13:53

Instrument :
MSVOA_X
ClientSampleId :
TB-01-071422

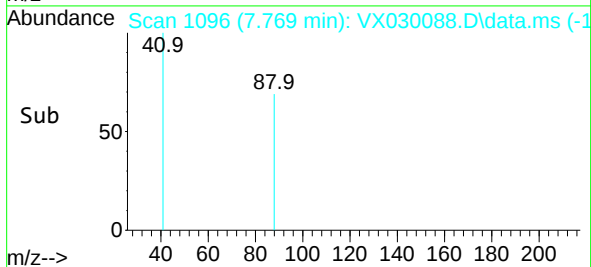
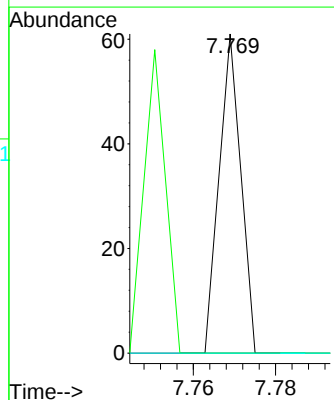
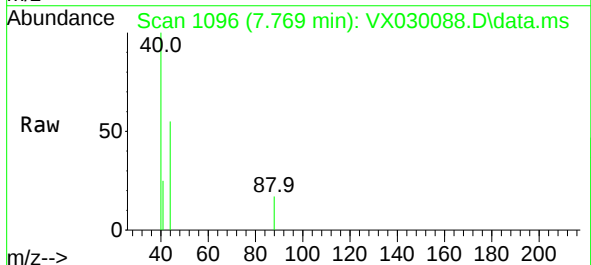


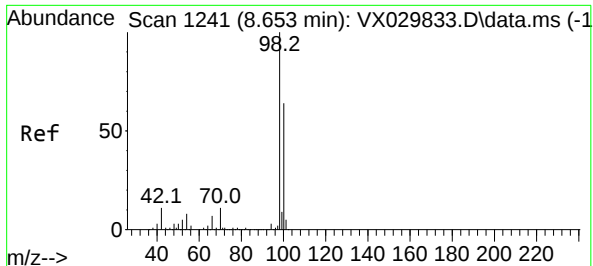
Tgt Ion:117 Resp: 16146
Ion Ratio Lower Upper
117 100
119 4.6 74.1 111.1#
121 0.0 25.8 38.8#



#49
1,4-Dioxane
Concen: 0.391 ug/l
RT: 7.769 min Scan# 1096
Delta R.T. 0.086 min
Lab File: VX030088.D
Acq: 15 Jul 2022 13:53

Tgt Ion: 88 Resp: 22
Ion Ratio Lower Upper
88 100
43 95.5 23.8 35.8#
58 0.0 53.8 80.6#





#50

Toluene-d8

Concen: 47.317 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX030088.D

Acq: 15 Jul 2022 13:53

Instrument :

MSVOA_X

ClientSampleId :

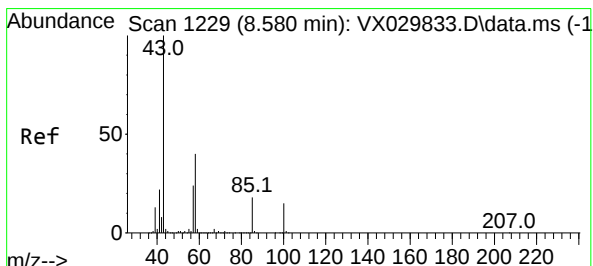
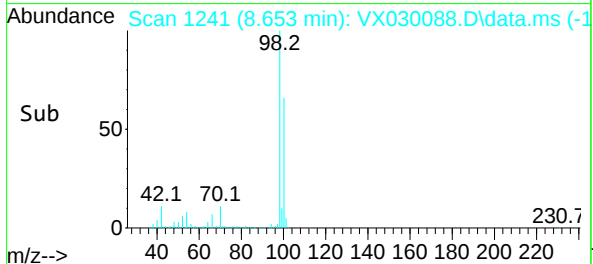
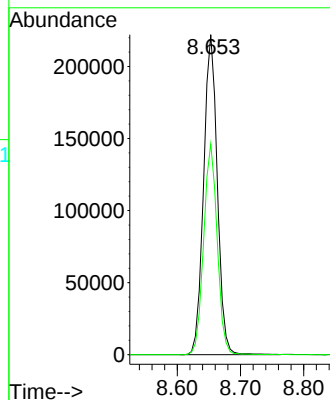
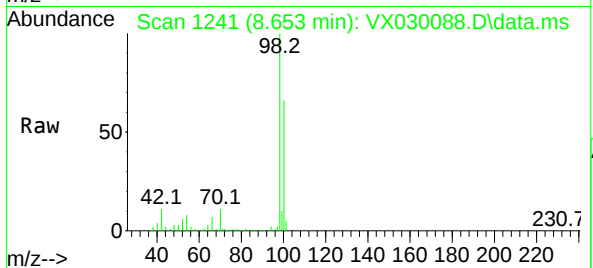
TB-01-071422

Tgt Ion: 98 Resp: 334662

Ion Ratio Lower Upper

98 100

100 65.3 52.3 78.5



#51

4-Methyl-2-Pentanone

Concen: 0.468 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.073 min

Lab File: VX030088.D

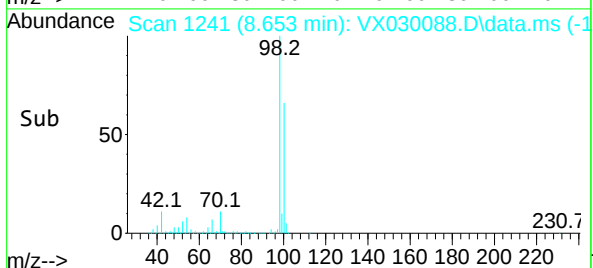
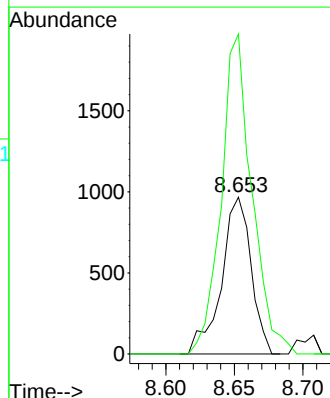
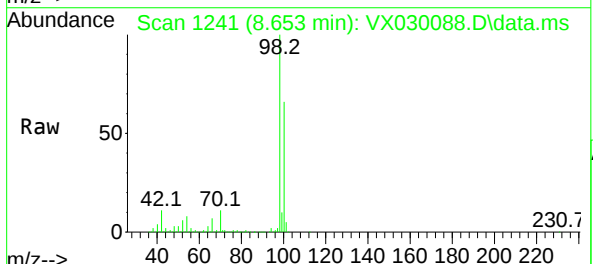
Acq: 15 Jul 2022 13:53

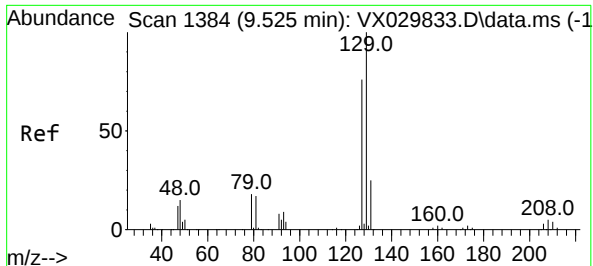
Tgt Ion: 43 Resp: 1455

Ion Ratio Lower Upper

43 100

58 211.1 31.4 47.2#

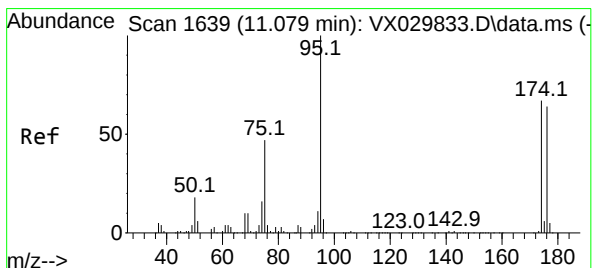
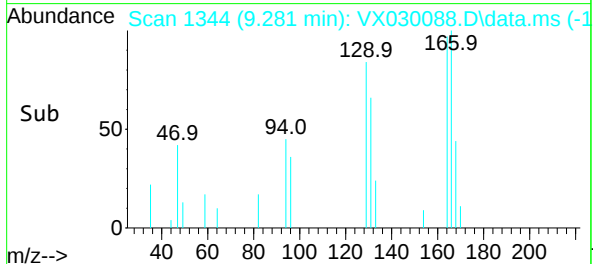
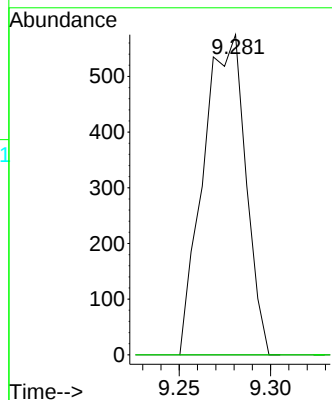
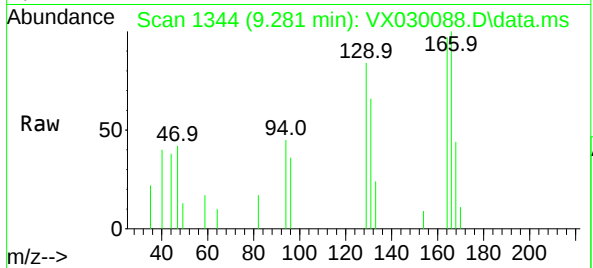




#60
Dibromochloromethane
Concen: 0.473 ug/l
RT: 9.281 min Scan# 11
Delta R.T. -0.244 min
Lab File: VX030088.D
Acq: 15 Jul 2022 13:53

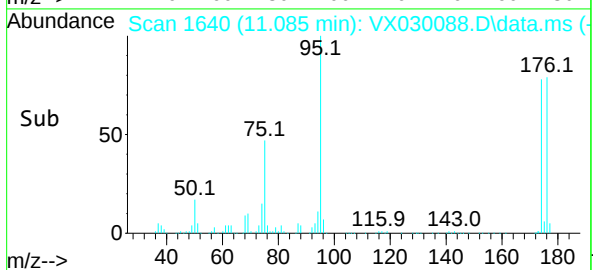
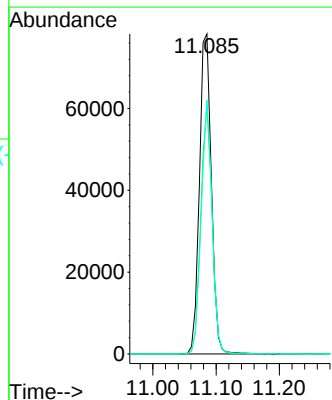
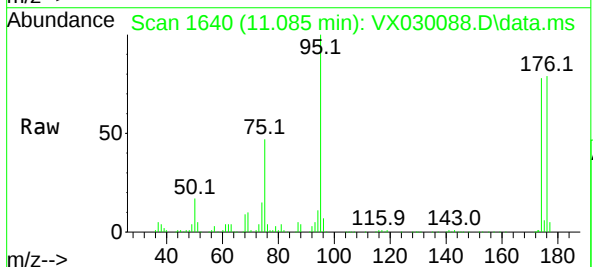
Instrument :
MSVOA_X
ClientSampleId :
TB-01-071422

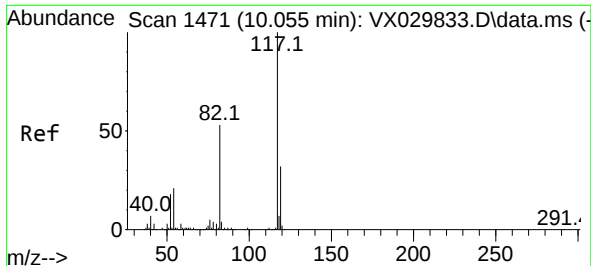
Tgt Ion:129 Resp: 922
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.5#



#62
4-Bromofluorobenzene
Concen: 41.889 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX030088.D
Acq: 15 Jul 2022 13:53

Tgt Ion: 95 Resp: 102814
Ion Ratio Lower Upper
95 100
174 74.3 0.0 149.0
176 72.4 0.0 146.0

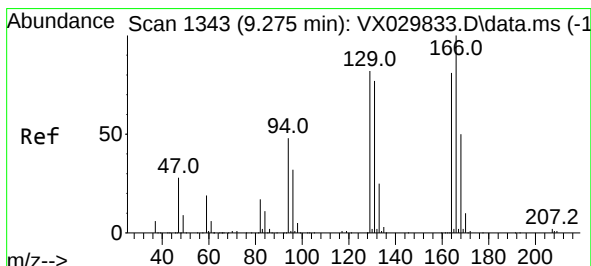
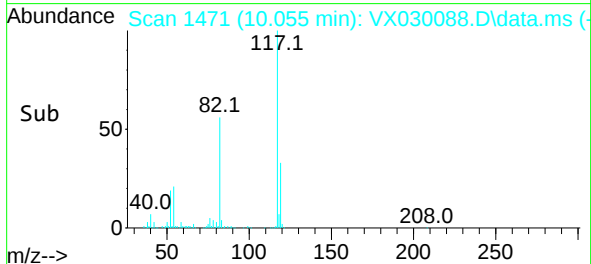
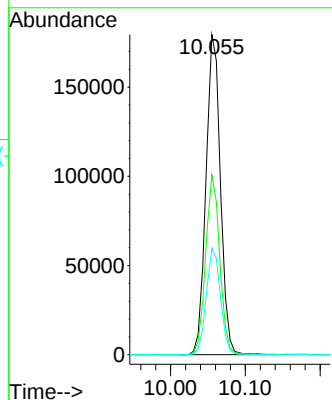
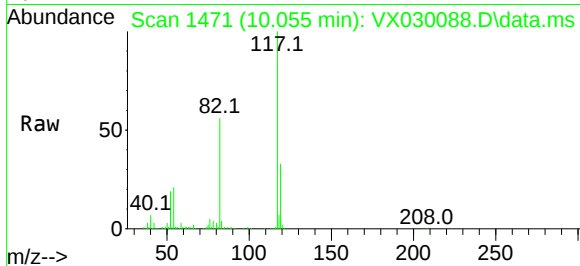




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX030088.D
Acq: 15 Jul 2022 13:53

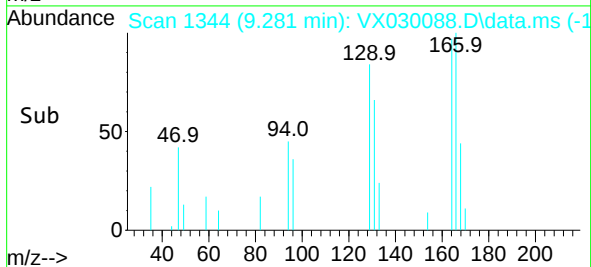
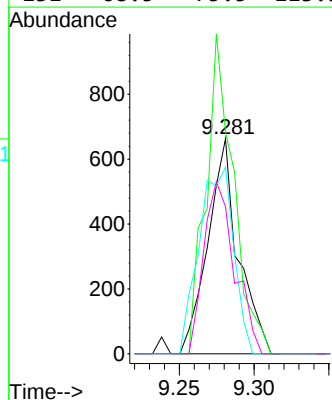
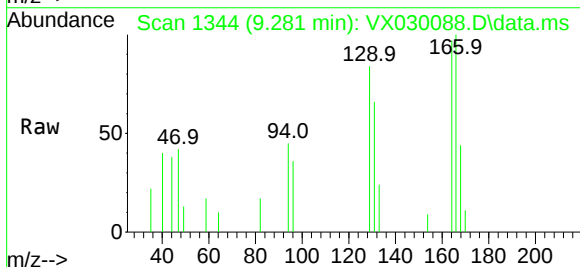
Instrument :
MSVOA_X
ClientSampleId :
TB-01-071422

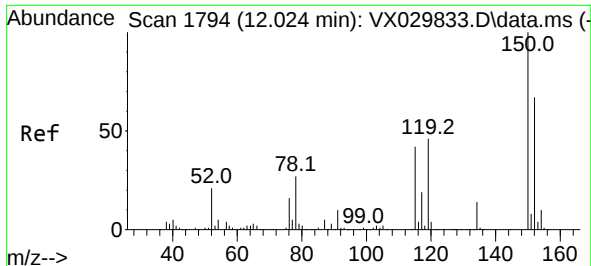
Tgt Ion:117 Resp: 240664
Ion Ratio Lower Upper
117 100
82 56.2 42.7 64.1
119 33.3 25.4 38.2



#64
Tetrachloroethene
Concen: 0.486 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX030088.D
Acq: 15 Jul 2022 13:53

Tgt Ion:164 Resp: 939
Ion Ratio Lower Upper
164 100
166 103.0 98.2 147.4
129 86.7 80.8 121.2
131 68.5 75.5 113.3#

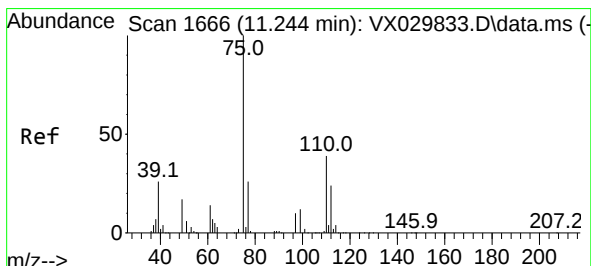
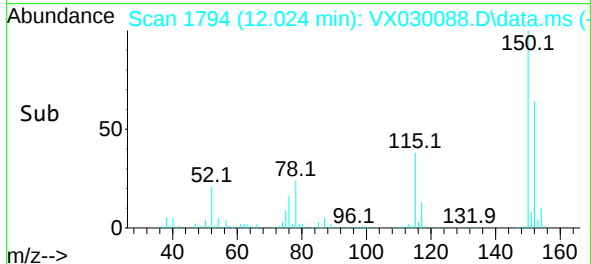
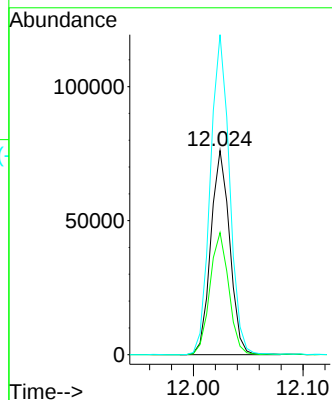
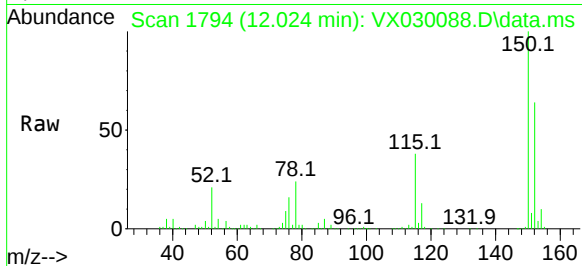




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX030088.D
 Acq: 15 Jul 2022 13:53

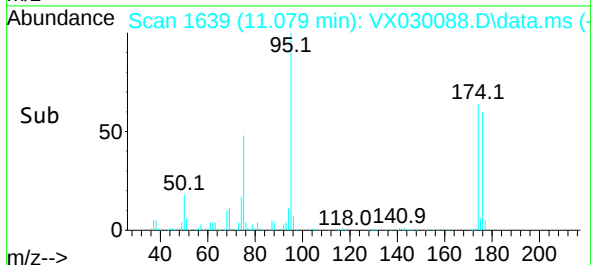
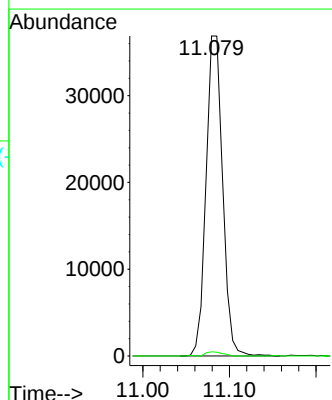
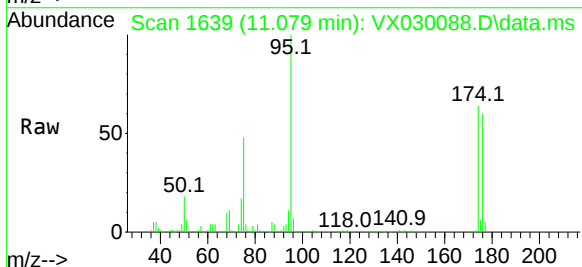
Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-071422

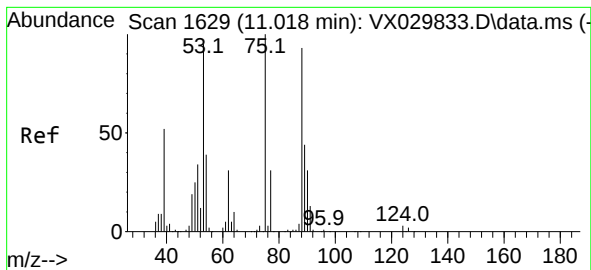
Tgt Ion:152 Resp: 91387
 Ion Ratio Lower Upper
 152 100
 115 59.6 40.5 121.5
 150 158.6 0.0 347.0



#76
 1,2,3-Trichloropropane
 Concen: 23.355 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.165 min
 Lab File: VX030088.D
 Acq: 15 Jul 2022 13:53

Tgt Ion: 75 Resp: 49074
 Ion Ratio Lower Upper
 75 100
 77 1.3 19.8 59.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 67.403 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX030088.D
 Acq: 15 Jul 2022 13:53

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-071422

Tgt Ion: 75 Resp: 49074
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.2 111.4#
 89 0.1 34.8 52.2#

