

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071822\
 Data File : VX030104.D
 Acq On : 18 Jul 2022 12:38
 Operator : JC/MD
 Sample : N3755-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-01-071522

Quant Time: Jul 19 05:40:29 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)

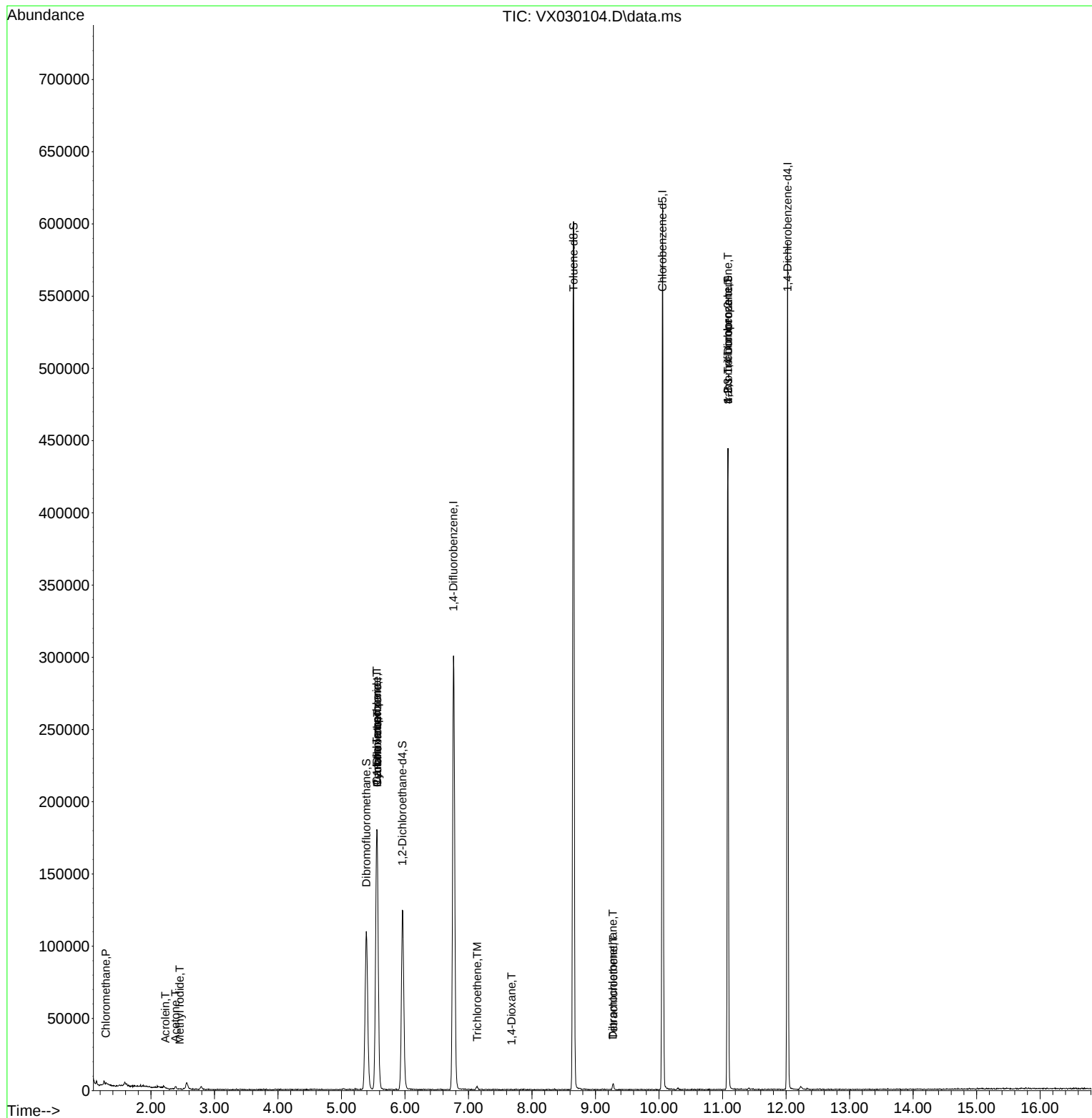
Internal Standards						
1) Pentafluorobenzene	5.562	168	175360	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	317698	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	279154	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	119571	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	110808	51.914	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.820%	
35) Dibromofluoromethane	5.391	113	96668	47.630	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 95.260%	
50) Toluene-d8	8.653	98	366905	48.067	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 96.140%	
62) 4-Bromofluorobenzene	11.085	95	118157	44.606	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 89.220%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	50	Below Cal	#	42
3) Chloromethane	1.288	50	411	0.225	ug/l #	87
10) Methyl Iodide	2.453	142	360	2.603	ug/l #	63
13) Acrolein	2.227	56	28	0.255	ug/l #	21
16) Acetone	2.386	43	2609	2.594	ug/l	96
17) Carbon Disulfide	2.514	76	524	Below Cal	#	74
20) Methylene Chloride	2.794	84	926	Below Cal	#	86
31) Cyclohexane	5.562	56	3757	1.214	ug/l #	3
36) 1,1-Dichloropropene	5.556	75	13614	5.193	ug/l #	48
38) Carbon Tetrachloride	5.556	117	18076	7.394	ug/l #	18
44) Trichloroethene	7.135	130	713	0.296	ug/l	91
49) 1,4-Dioxane	7.677	88	22	0.362	ug/l #	25
60) Dibromochloromethane	9.275	129	877	0.417	ug/l #	11
64) Tetrachloroethene	9.281	164	733	0.327	ug/l #	79
76) 1,2,3-Trichloropropane	11.085	75	59489	21.639	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	59489	62.449	ug/l #	13

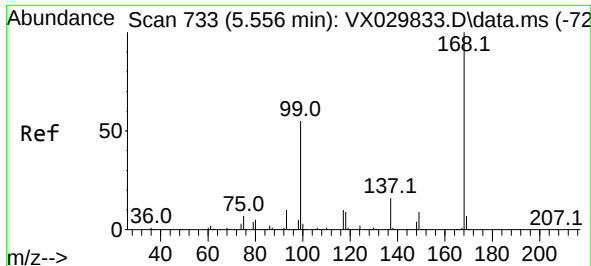
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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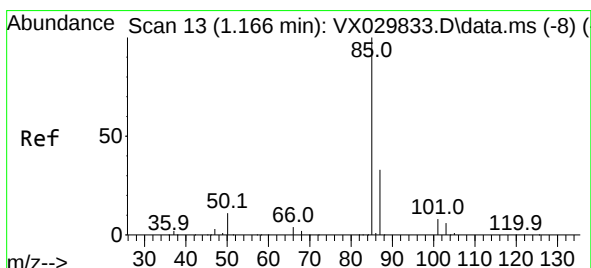
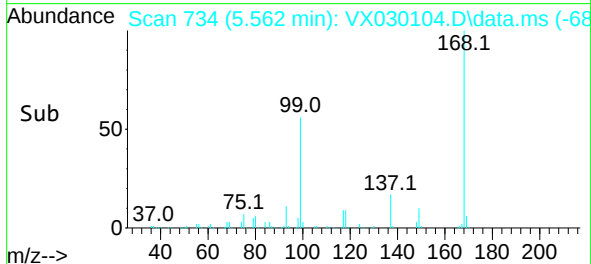
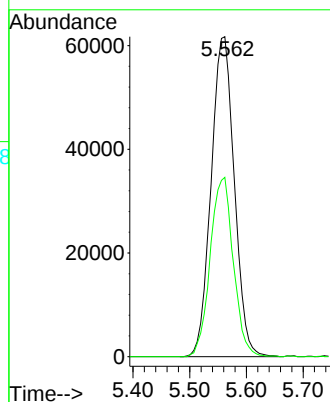
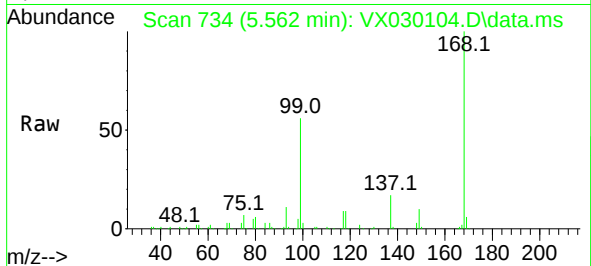




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX030104.D
Acq: 18 Jul 2022 12:38

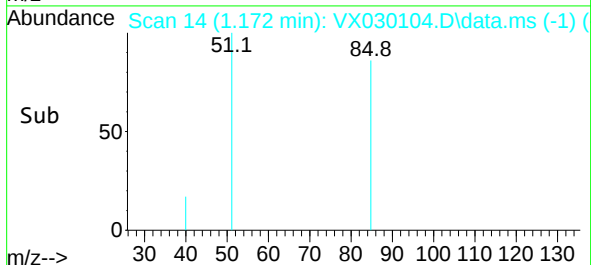
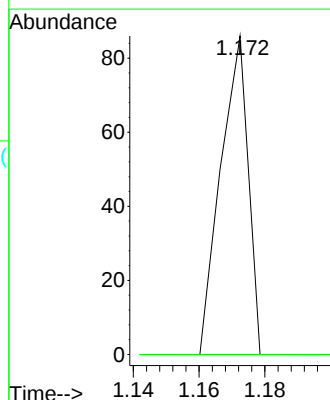
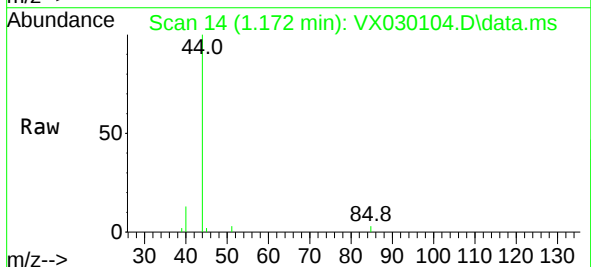
Instrument :
MSVOA_X
ClientSampleId :
TB-01-071522

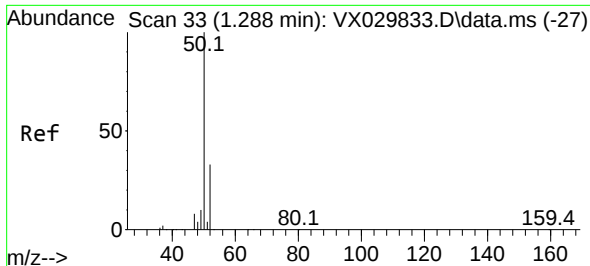
Tgt Ion:168 Resp: 175360
Ion Ratio Lower Upper
168 100
99 56.0 44.0 66.0



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.172 min Scan# 14
Delta R.T. 0.006 min
Lab File: VX030104.D
Acq: 18 Jul 2022 12:38

Tgt Ion: 85 Resp: 50
Ion Ratio Lower Upper
85 100
87 0.0 16.5 49.5#

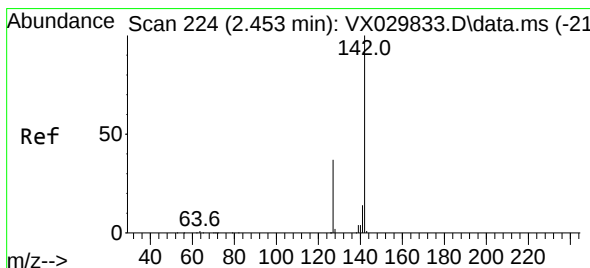
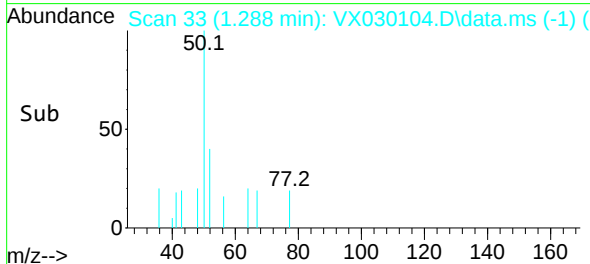
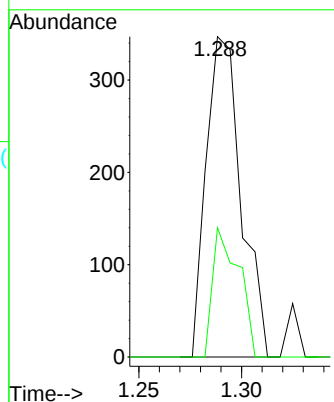
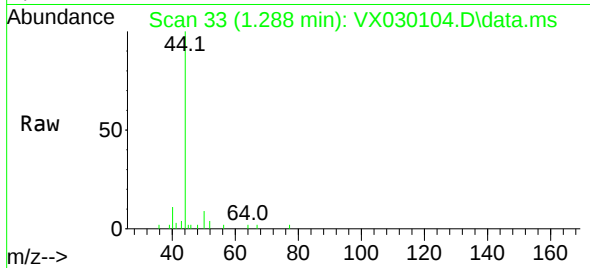




#3
Chloromethane
Concen: 0.225 ug/l
RT: 1.288 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX030104.D
Acq: 18 Jul 2022 12:38

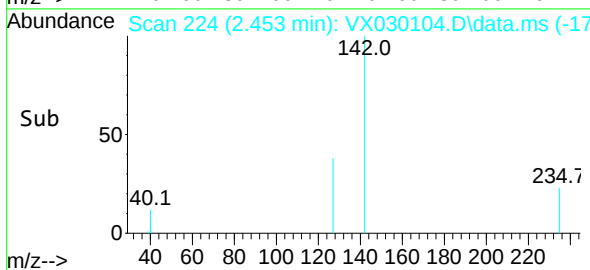
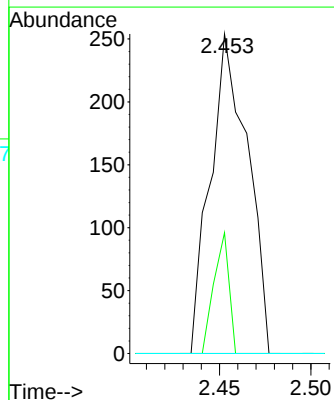
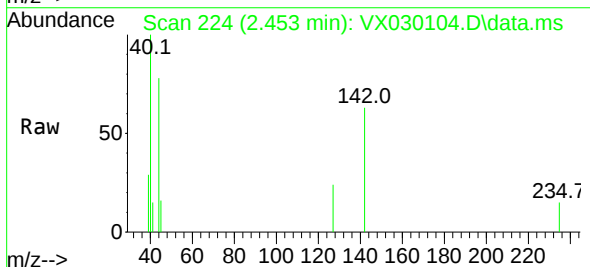
Instrument :
MSVOA_X
ClientSampleId :
TB-01-071522

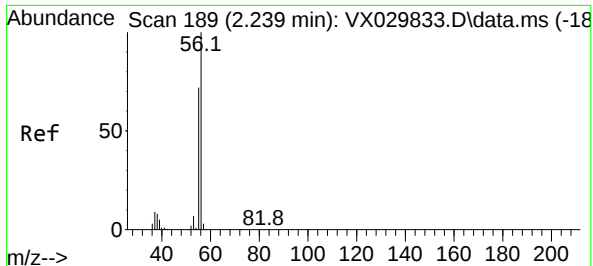
Tgt Ion: 50 Resp: 411
Ion Ratio Lower Upper
50 100
52 40.3 26.3 39.5#



#10
Methyl Iodide
Concen: 2.603 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX030104.D
Acq: 18 Jul 2022 12:38

Tgt Ion: 142 Resp: 360
Ion Ratio Lower Upper
142 100
127 15.3 30.2 45.2#
141 0.0 11.3 16.9#





#13

Acrolein

Concen: 0.255 ug/l

RT: 2.227 min Scan# 11

Delta R.T. -0.012 min

Lab File: VX030104.D

Acq: 18 Jul 2022 12:38

Instrument :

MSVOA_X

ClientSampleId :

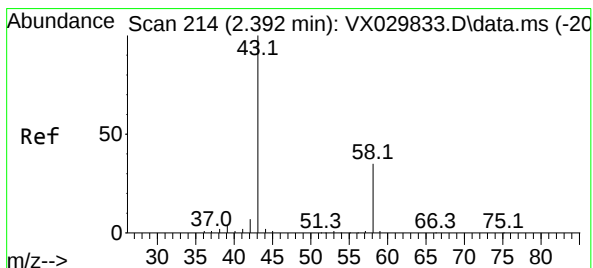
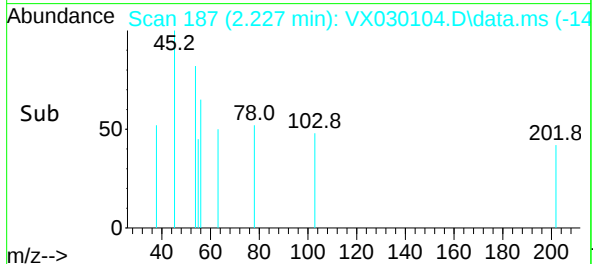
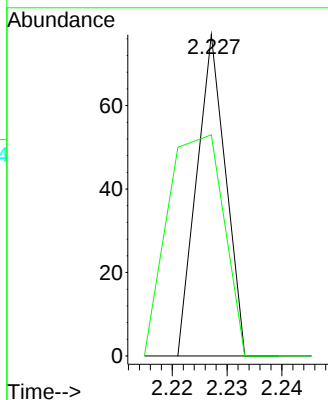
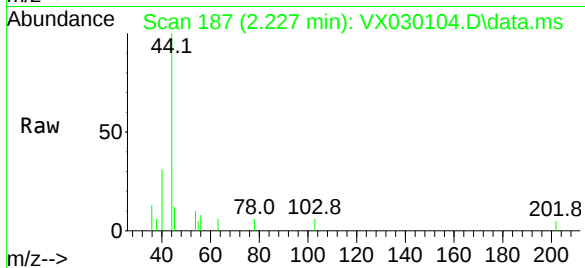
TB-01-071522

Tgt Ion: 56 Resp: 28

Ion Ratio Lower Upper

56 100

55 135.7 56.6 84.8#



#16

Acetone

Concen: 2.594 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.006 min

Lab File: VX030104.D

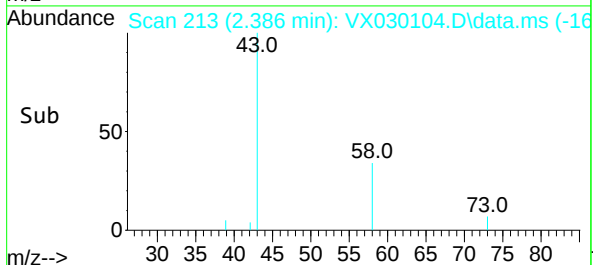
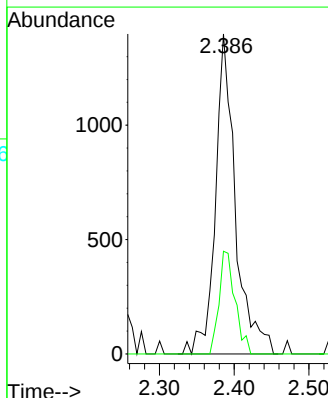
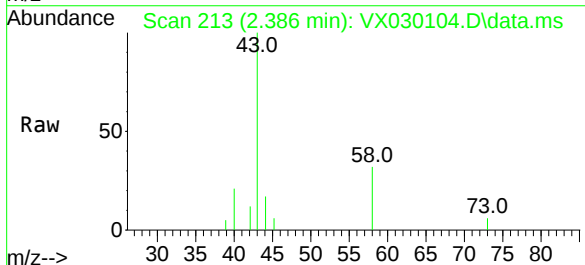
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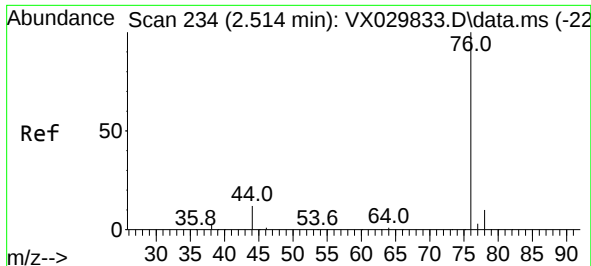
Tgt Ion: 43 Resp: 2609

Ion Ratio Lower Upper

43 100

58 32.1 27.7 41.5

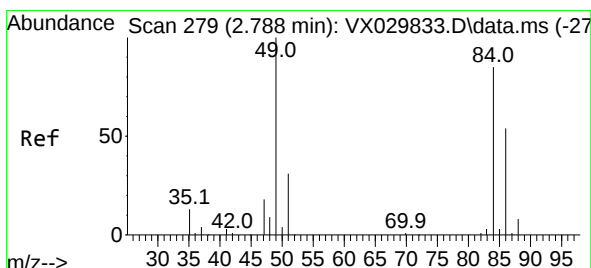
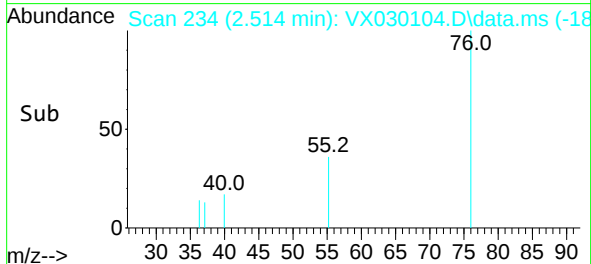
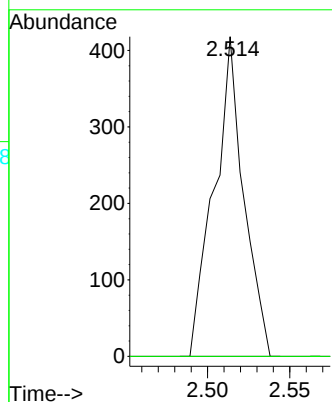
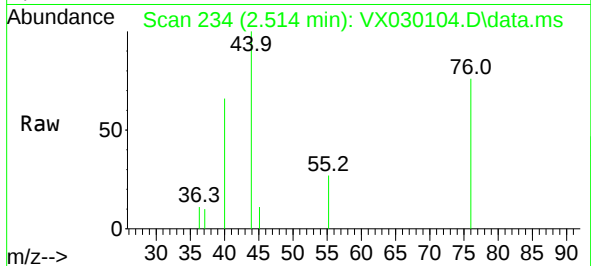




#17
Carbon Disulfide
Concen: Below Cal
RT: 2.514 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX030104.D
Acq: 18 Jul 2022 12:38

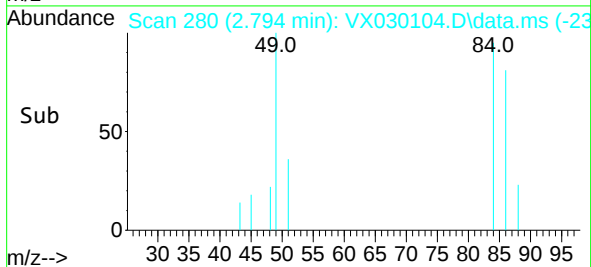
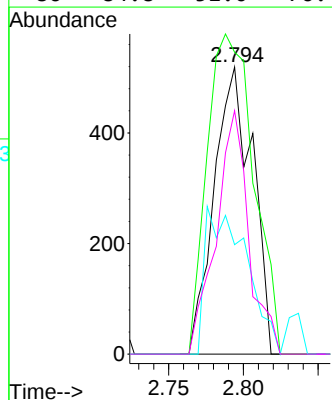
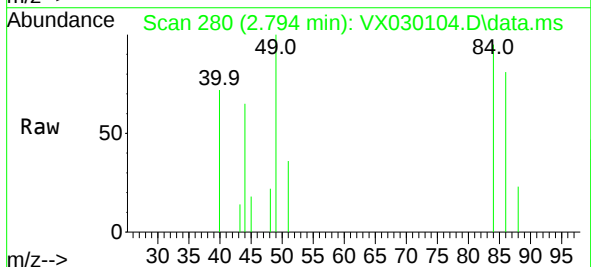
Instrument :
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ClientSampleId :
TB-01-071522

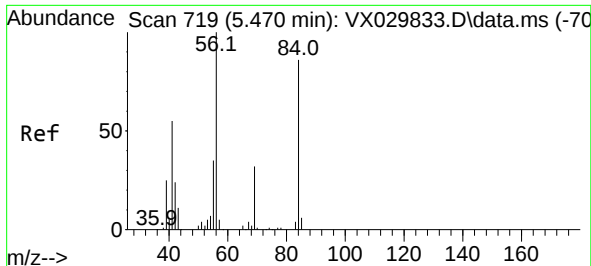
Tgt Ion: 76 Resp: 524
Ion Ratio Lower Upper
76 100
78 0.0 7.8 11.6#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX030104.D
Acq: 18 Jul 2022 12:38

Tgt Ion: 84 Resp: 926
Ion Ratio Lower Upper
84 100
49 105.2 93.8 140.6
51 38.2 29.4 44.0
86 84.8 51.0 76.4#

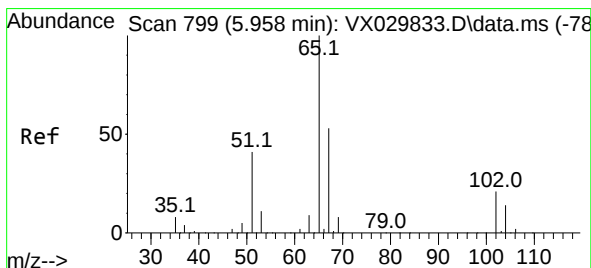
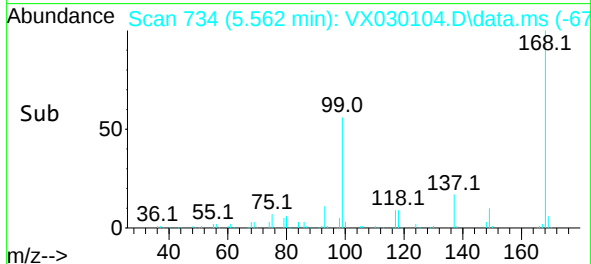
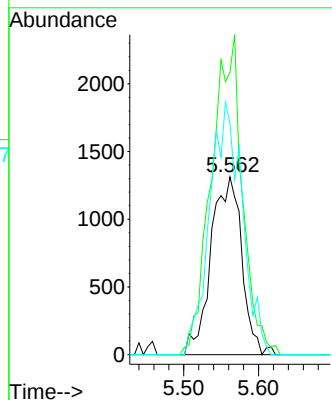
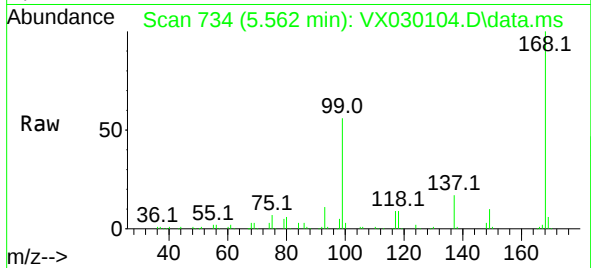




#31
Cyclohexane
Concen: 1.214 ug/l
RT: 5.562 min Scan# 719
Delta R.T. 0.092 min
Lab File: VX030104.D
Acq: 18 Jul 2022 12:38

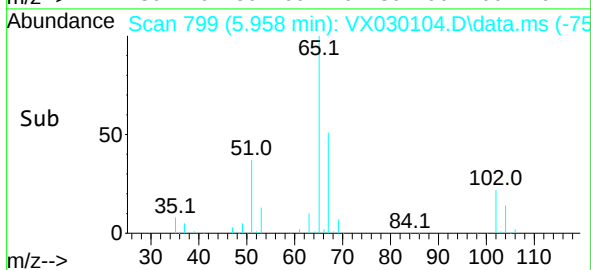
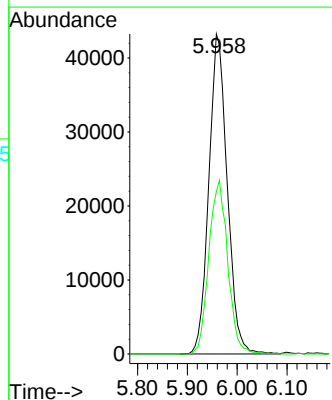
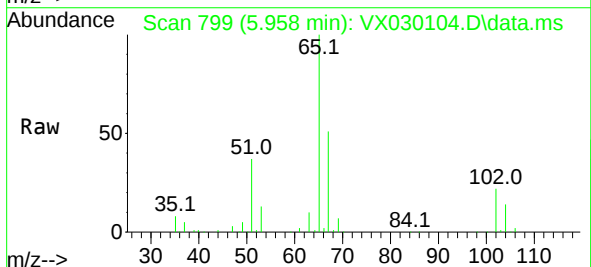
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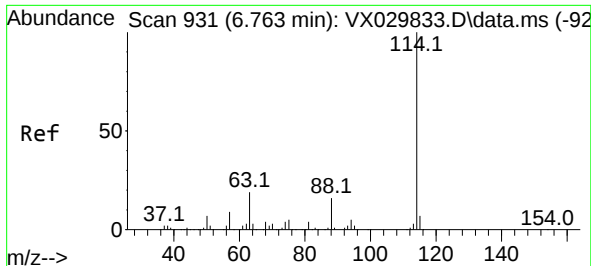
Tgt Ion: 56 Resp: 3757
Ion Ratio Lower Upper
56 100
69 158.7 25.4 38.0#
84 130.1 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 51.914 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX030104.D
Acq: 18 Jul 2022 12:38

Tgt Ion: 65 Resp: 110808
Ion Ratio Lower Upper
65 100
67 55.7 0.0 109.6

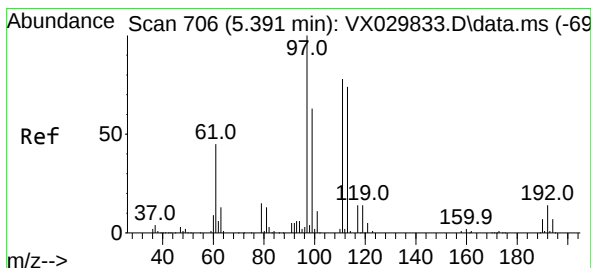
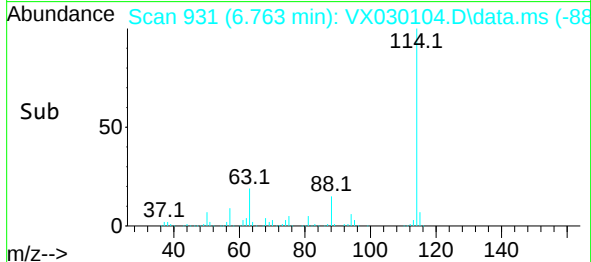
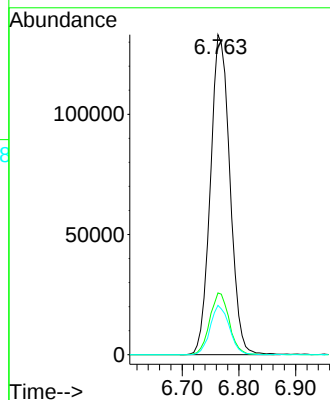
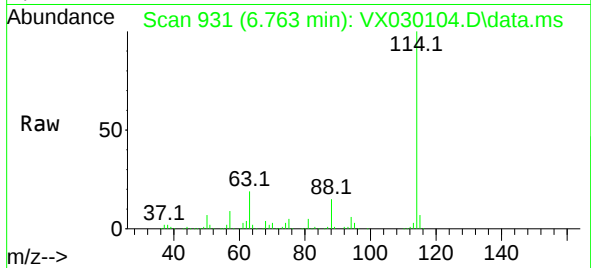




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX030104.D
Acq: 18 Jul 2022 12:38

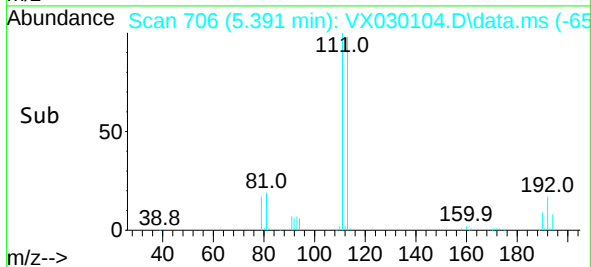
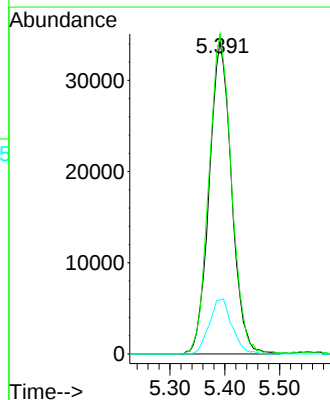
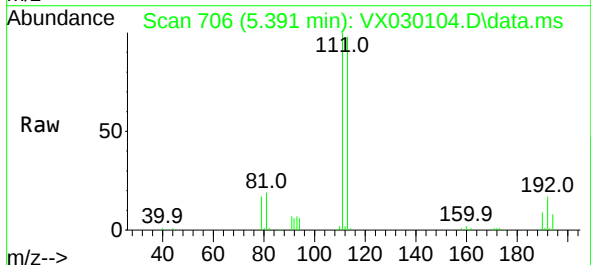
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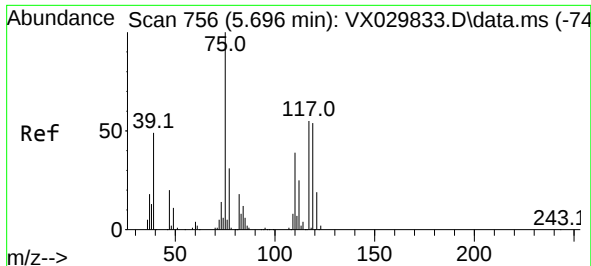
Tgt Ion:114 Resp: 317698
Ion Ratio Lower Upper
114 100
63 19.3 0.0 38.4
88 15.4 0.0 31.8



#35
Dibromofluoromethane
Concen: 47.630 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX030104.D
Acq: 18 Jul 2022 12:38

Tgt Ion:113 Resp: 96668
Ion Ratio Lower Upper
113 100
111 103.8 83.2 124.8
192 17.8 14.8 22.2

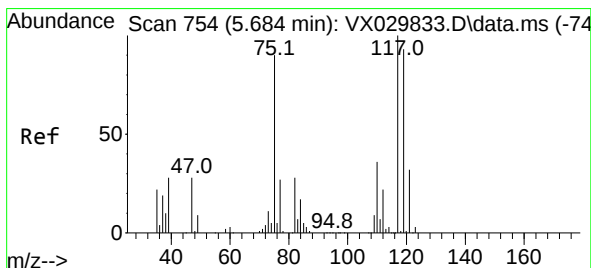
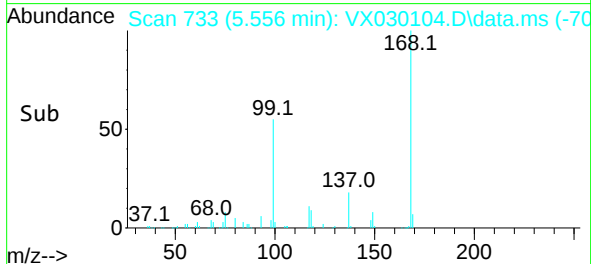
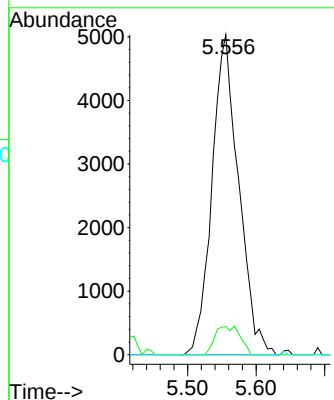
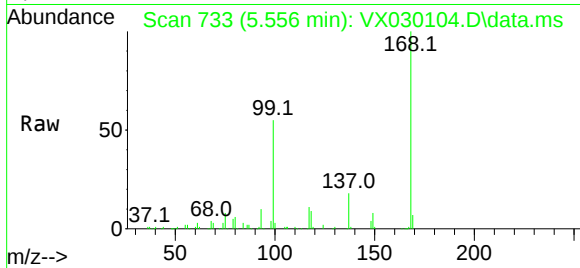




#36
1,1-Dichloropropene
Concen: 5.193 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.140 min
Lab File: VX030104.D
Acq: 18 Jul 2022 12:38

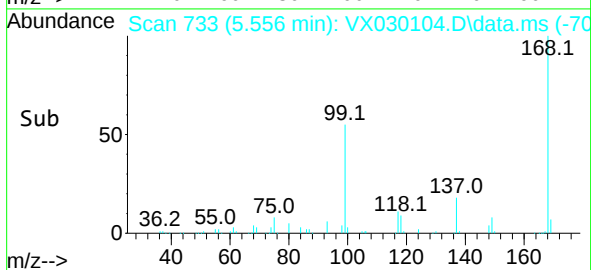
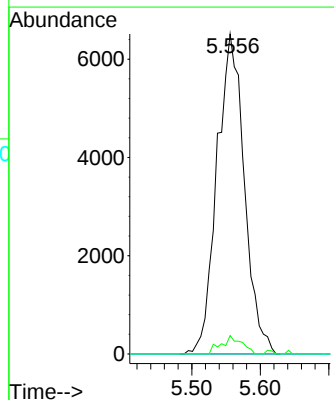
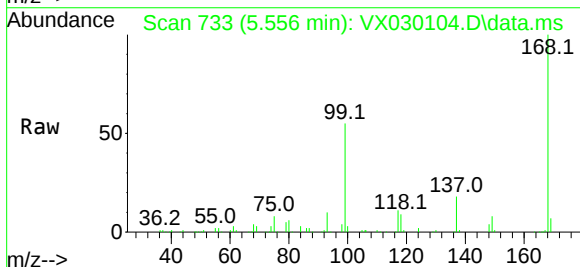
Instrument :
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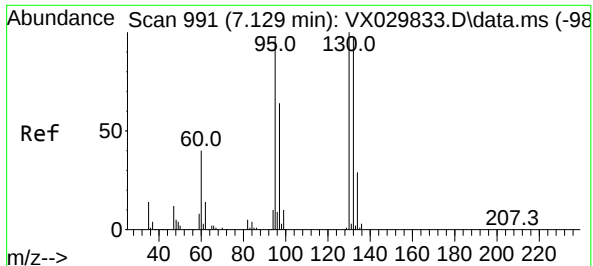
Tgt Ion: 75 Resp: 13614
Ion Ratio Lower Upper
75 100
110 8.3 19.3 57.9#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 7.394 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX030104.D
Acq: 18 Jul 2022 12:38

Tgt Ion: 117 Resp: 18076
Ion Ratio Lower Upper
117 100
119 5.8 74.1 111.1#
121 0.0 25.8 38.8#

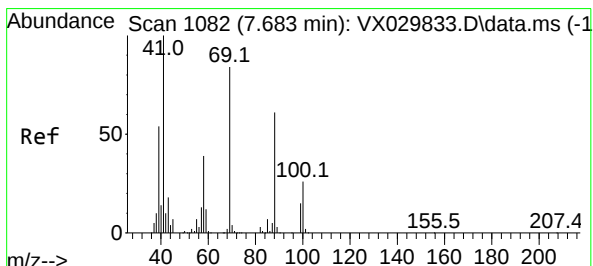
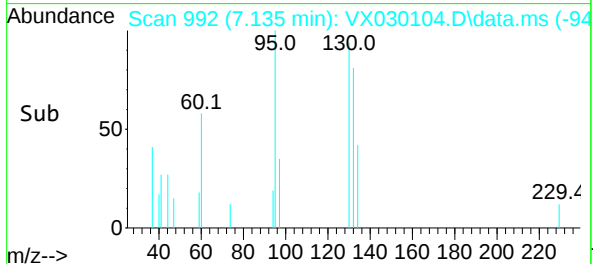
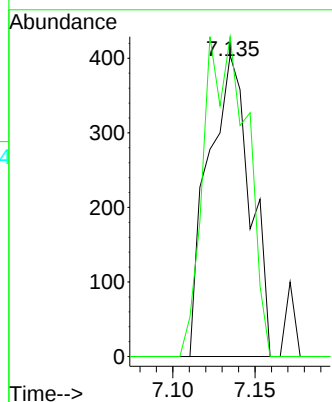
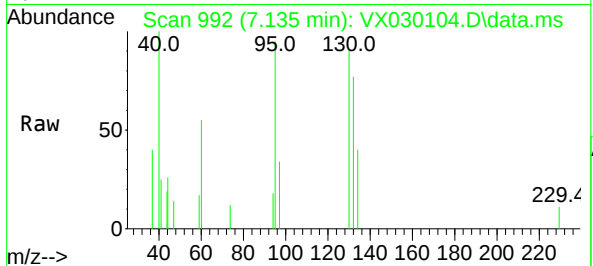




#44
Trichloroethene
Concen: 0.296 ug/l
RT: 7.135 min Scan# 991
Delta R.T. 0.006 min
Lab File: VX030104.D
Acq: 18 Jul 2022 12:38

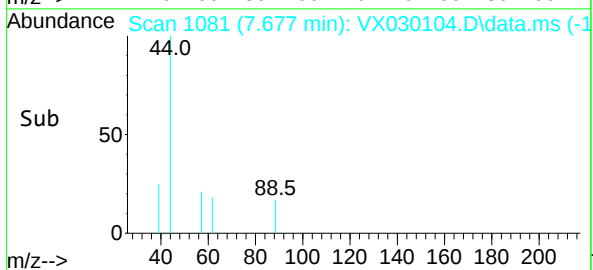
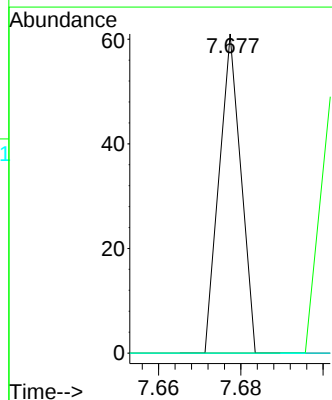
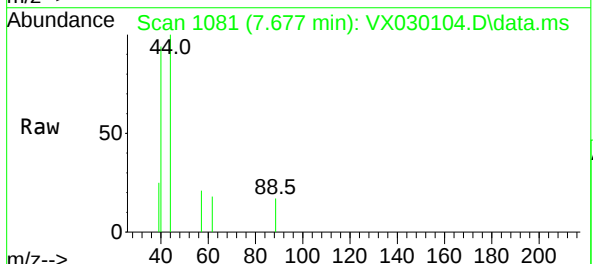
Instrument :
MSVOA_X
ClientSampleId :
TB-01-071522

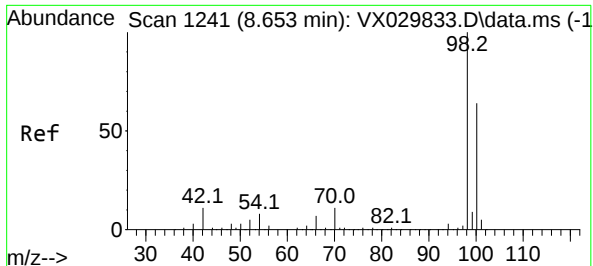
Tgt Ion:130 Resp: 713
Ion Ratio Lower Upper
130 100
95 106.2 0.0 194.8



#49
1,4-Dioxane
Concen: 0.362 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. -0.006 min
Lab File: VX030104.D
Acq: 18 Jul 2022 12:38

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

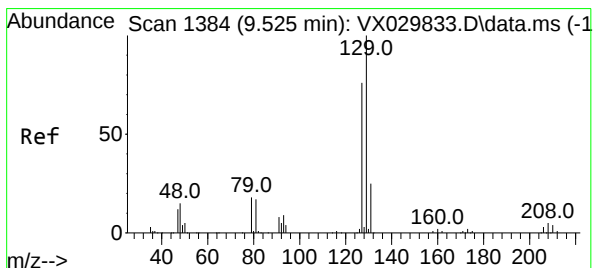
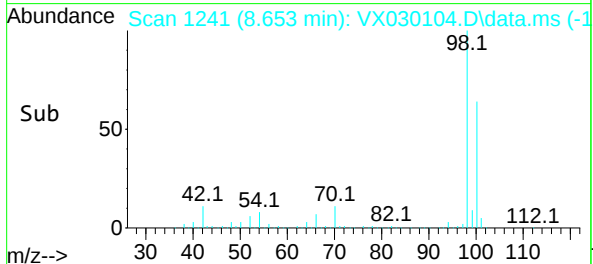
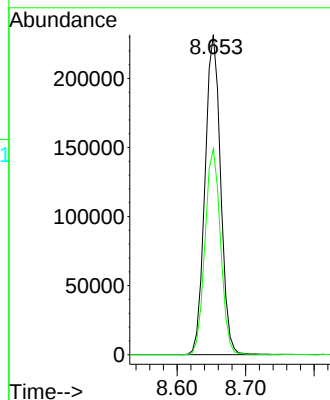
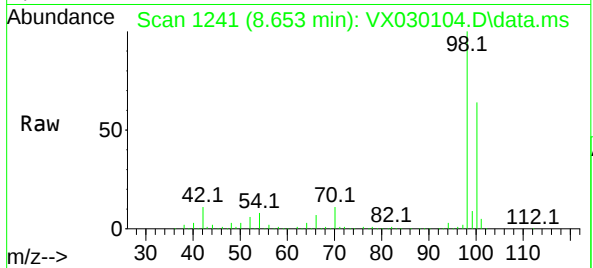




#50
Toluene-d8
Concen: 48.067 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX030104.D
Acq: 18 Jul 2022 12:38

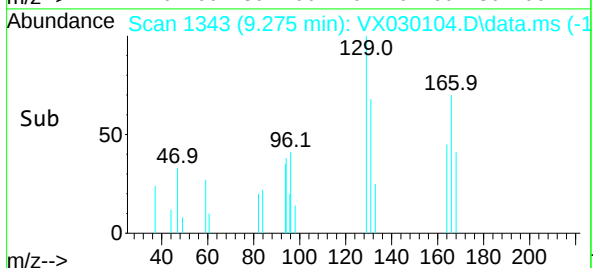
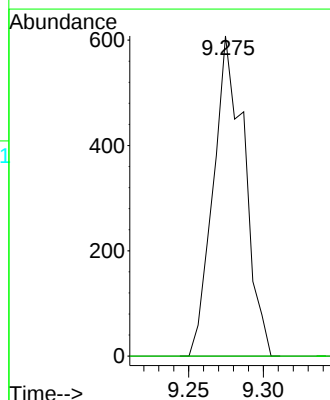
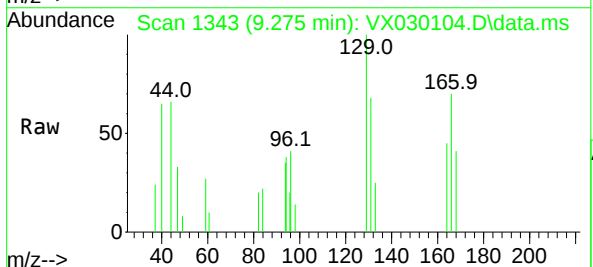
Instrument :
MSVOA_X
ClientSampleId :
TB-01-071522

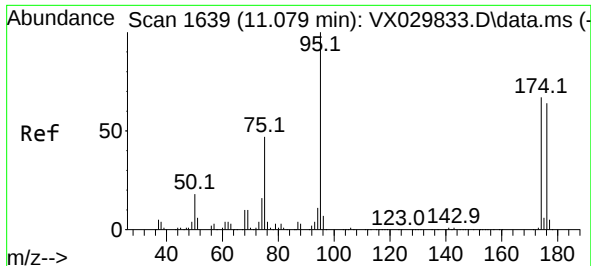
Tgt Ion: 98 Resp: 366905
Ion Ratio Lower Upper
98 100
100 64.2 52.3 78.5



#60
Dibromochloromethane
Concen: 0.417 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX030104.D
Acq: 18 Jul 2022 12:38

Tgt Ion: 129 Resp: 877
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.5#





#62

4-Bromofluorobenzene

Concen: 44.606 ug/l

RT: 11.085 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX030104.D

Acq: 18 Jul 2022 12:38

Instrument :

MSVOA_X

ClientSampleId :

TB-01-071522

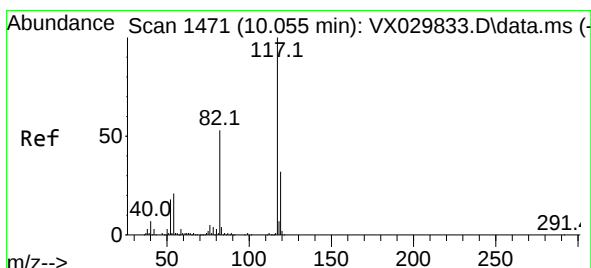
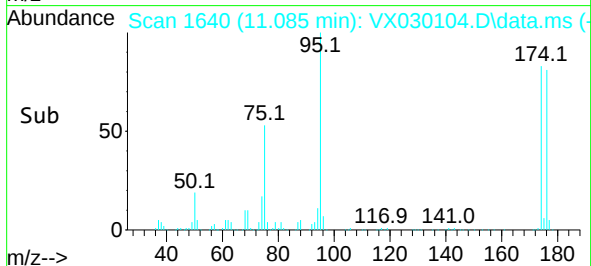
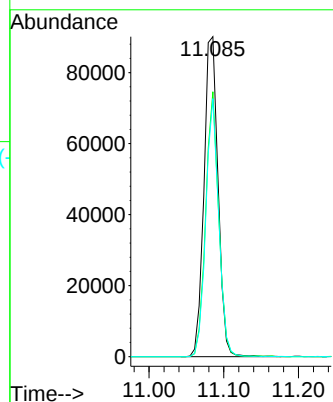
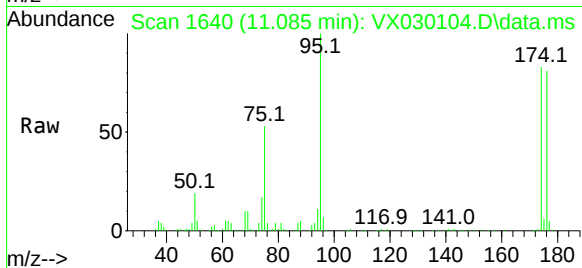
Tgt Ion: 95 Resp: 118157

Ion Ratio Lower Upper

95 100

174 76.0 0.0 149.0

176 74.1 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: VX030104.D

Acq: 18 Jul 2022 12:38

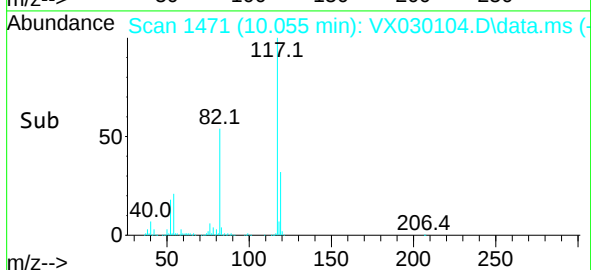
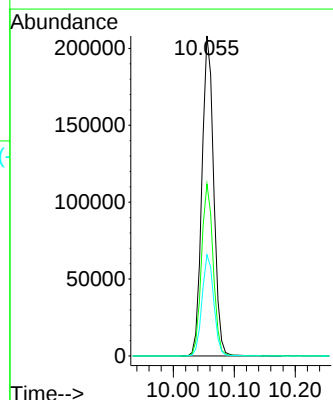
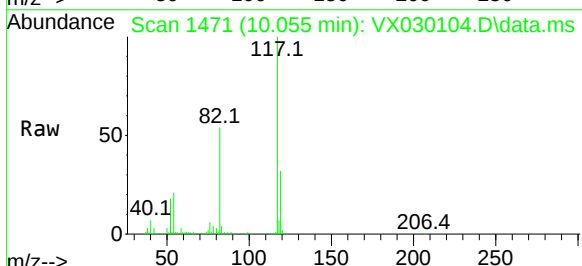
Tgt Ion: 117 Resp: 279154

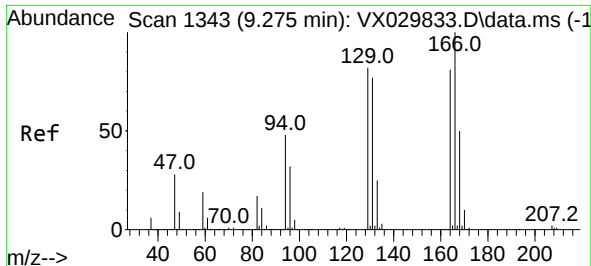
Ion Ratio Lower Upper

117 100

82 53.8 42.7 64.1

119 31.6 25.4 38.2



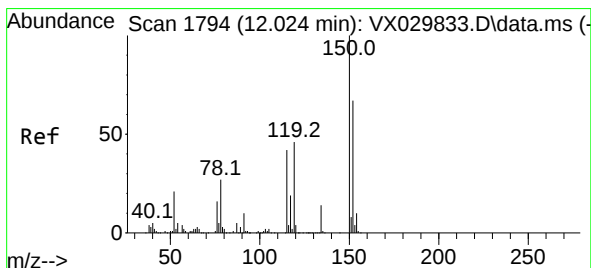
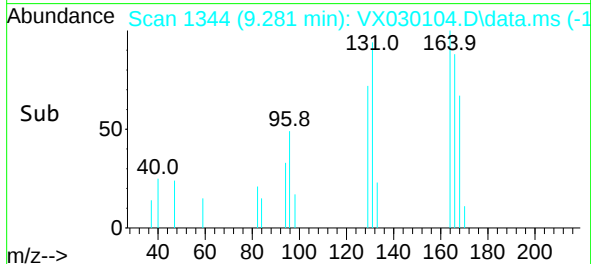
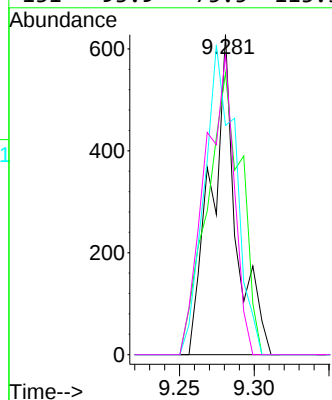
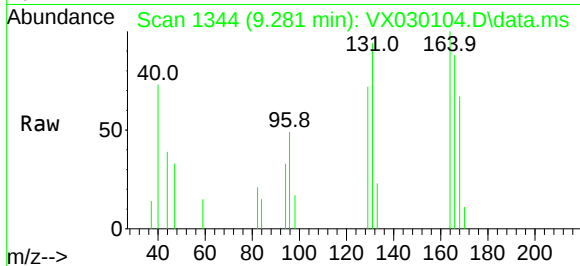


#64
Tetrachloroethene
Concen: 0.327 ug/l
RT: 9.281 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX030104.D
Acq: 18 Jul 2022 12:38

Instrument :
MSVOA_X
ClientSampleId :
TB-01-071522

Tgt Ion:164 Resp: 733

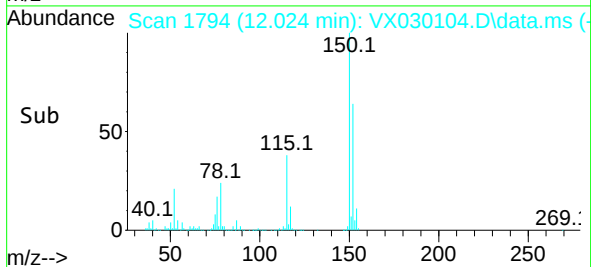
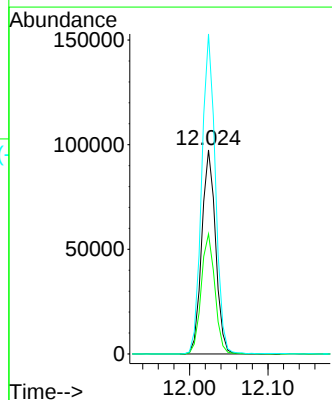
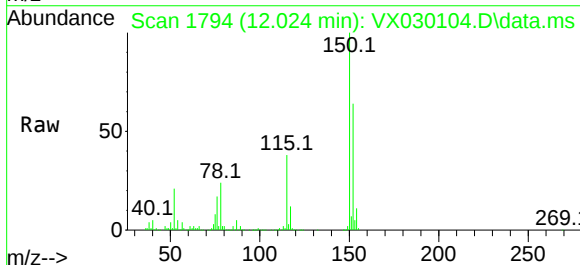
Ion	Ratio	Lower	Upper
164	100		
166	88.1	98.2	147.4#
129	71.7	80.8	121.2#
131	93.9	75.5	113.3

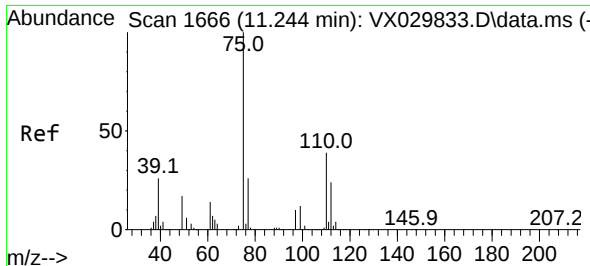


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX030104.D
Acq: 18 Jul 2022 12:38

Tgt Ion:152 Resp: 119571

Ion	Ratio	Lower	Upper
152	100		
115	58.3	40.5	121.5
150	154.9	0.0	347.0

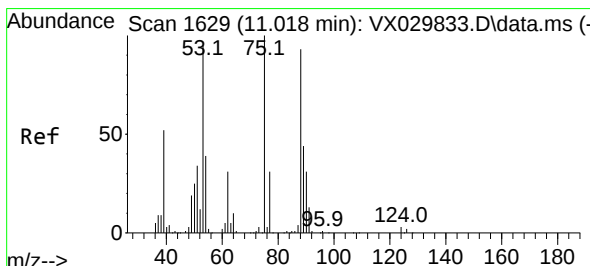
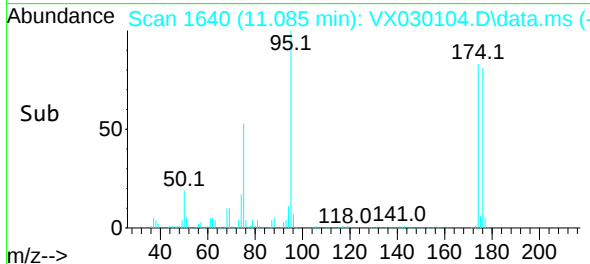
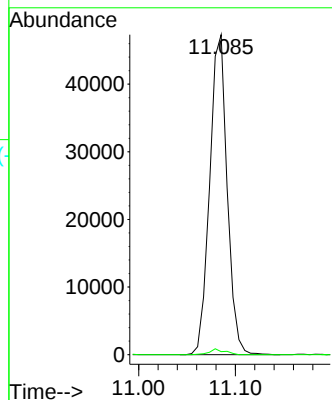
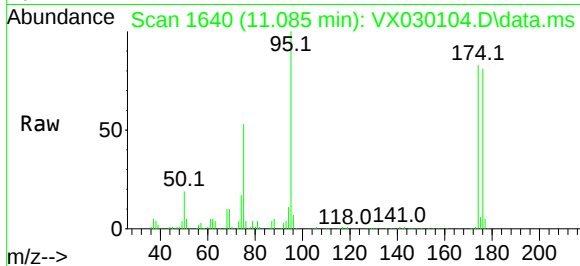




#76
1,2,3-Trichloropropane
Concen: 21.639 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX030104.D
Acq: 18 Jul 2022 12:38

Instrument :
MSVOA_X
ClientSampleId :
TB-01-071522

Tgt Ion: 75 Resp: 59489
Ion Ratio Lower Upper
75 100
77 1.6 19.8 59.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 62.449 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.067 min
Lab File: VX030104.D
Acq: 18 Jul 2022 12:38

Tgt Ion: 75 Resp: 59489
Ion Ratio Lower Upper
75 100
53 0.1 74.2 111.4#
89 0.0 34.8 52.2#

