

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX053122\
 Data File : VX029088.D
 Acq On : 31 May 2022 20:48
 Operator : JC/MD
 Sample : N3022-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 33S-20220525

Quant Time: Jun 01 05:00:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 01 04:45:42 2022
 Response via : Initial Calibration

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

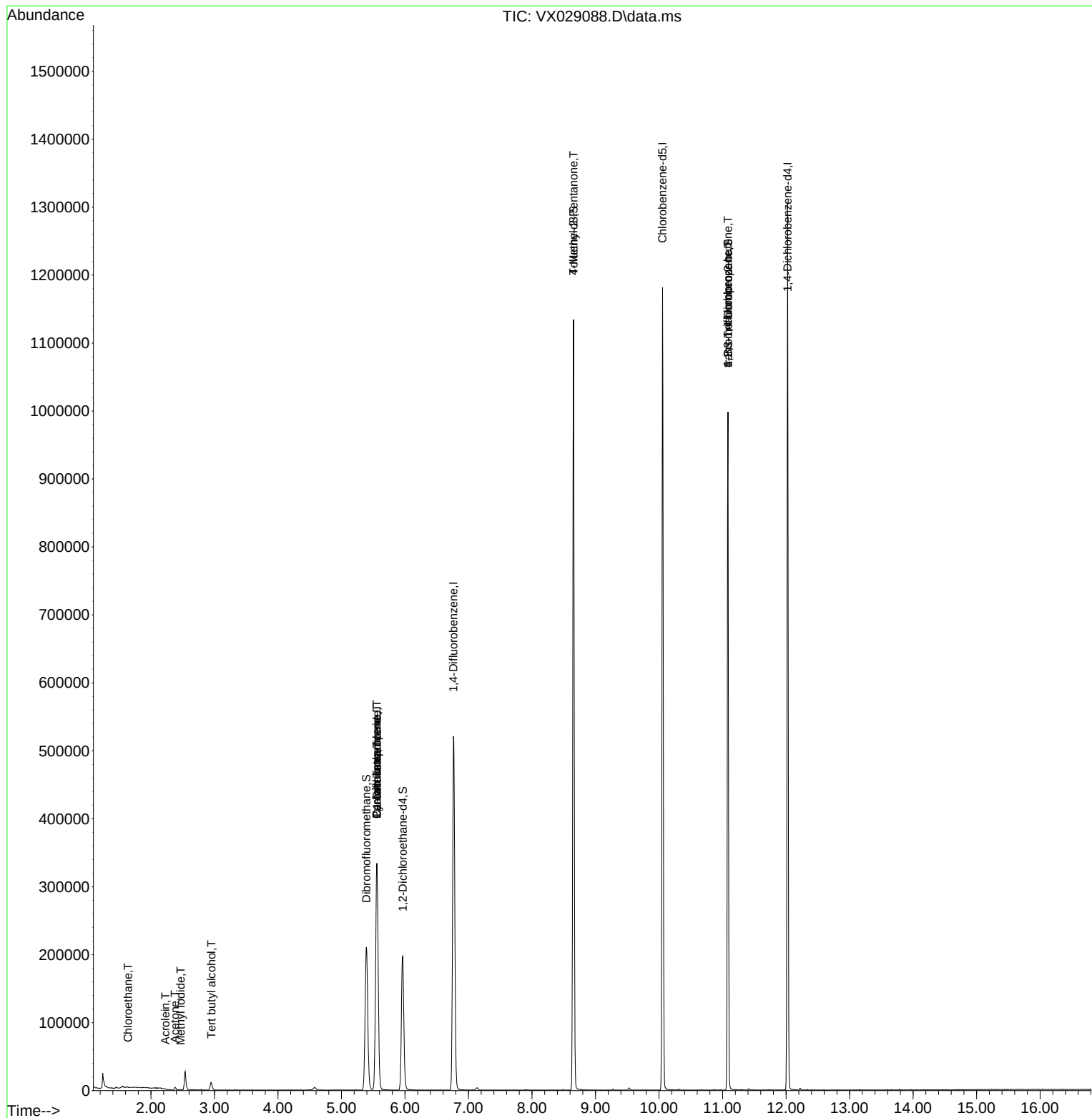
Internal Standards						
1) Pentafluorobenzene	5.556	168	334725	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	571334	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	558981	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	273503	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	192471	50.992	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 101.980%	
35) Dibromofluoromethane	5.391	113	188369	49.637	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 99.280%	
50) Toluene-d8	8.653	98	669125	48.209	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 96.420%	
62) 4-Bromofluorobenzene	11.085	95	267865	49.926	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 99.860%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.611	94	804	Below Cal		83
6) Chloroethane	1.636	64	149	1.455 ug/l	#	54
10) Methyl Iodide	2.465	142	655	4.386 ug/l	#	89
11) Tert butyl alcohol	2.953	59	6342	7.253 ug/l	#	72
13) Acrolein	2.227	56	82	0.207 ug/l	#	1
16) Acetone	2.380	43	3917	2.635 ug/l		99
31) Cyclohexane	5.556	56	5341	1.088 ug/l	#	7
36) 1,1-Dichloropropene	5.556	75	22738	4.657 ug/l	#	50
38) Carbon Tetrachloride	5.556	117	33305	5.968 ug/l	#	16
44) Trichloroethene	7.141	130	1522	Below Cal		75
51) 4-Methyl-2-Pentanone	8.653	43	2213	0.449 ug/l	#	1
76) 1,2,3-Trichloropropane	11.085	75	124935	22.534 ug/l	#	38
81) trans-1,4-Dichloro-2-b...	11.085	75	124935	66.109 ug/l	#	15

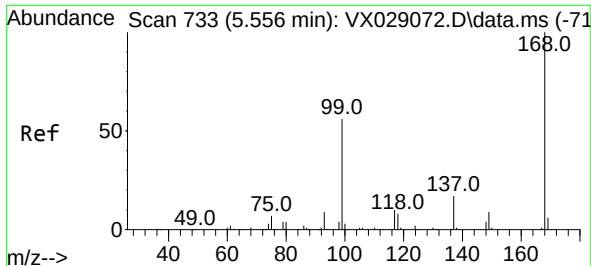
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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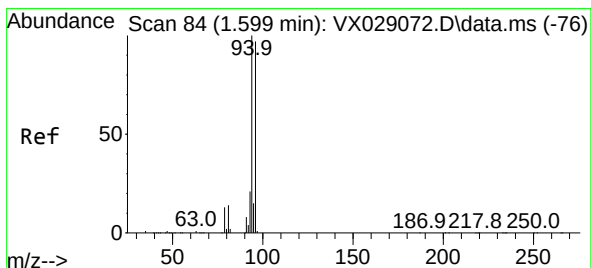
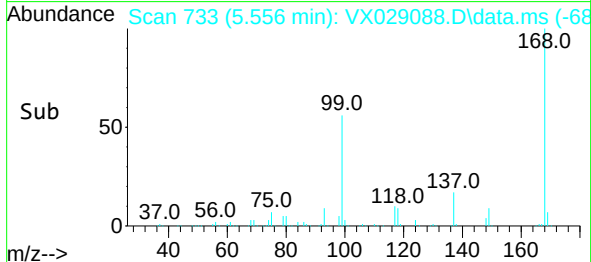
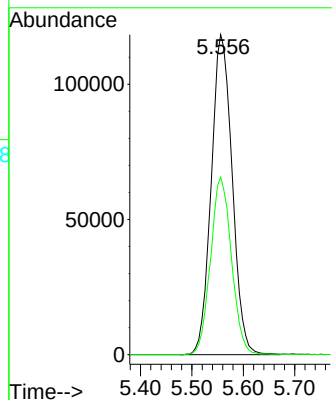
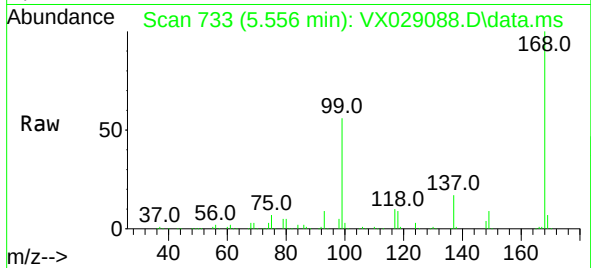




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029088.D
Acq: 31 May 2022 20:48

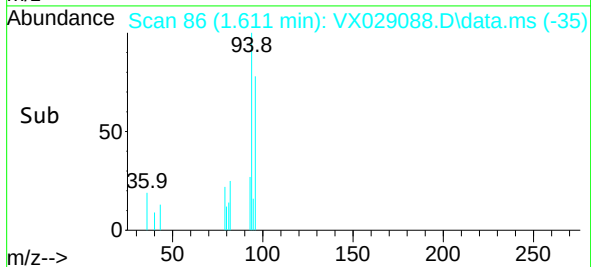
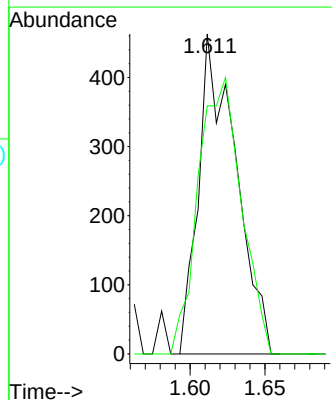
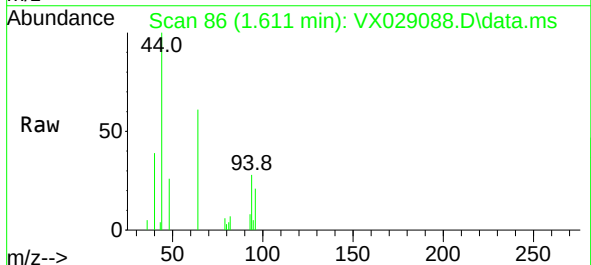
Instrument :
MSVOA_X
ClientSampleId :
33S-20220525

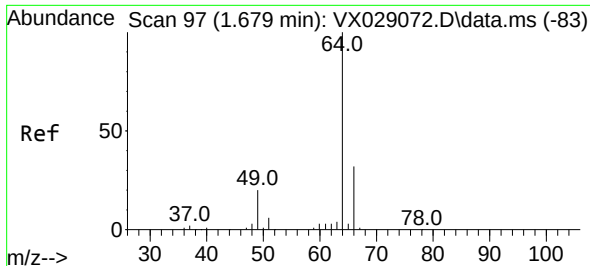
Tgt Ion:168 Resp: 334725
Ion Ratio Lower Upper
168 100
99 55.5 41.7 62.5



#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 86
Delta R.T. 0.012 min
Lab File: VX029088.D
Acq: 31 May 2022 20:48

Tgt Ion: 94 Resp: 804
Ion Ratio Lower Upper
94 100
96 77.5 75.3 112.9

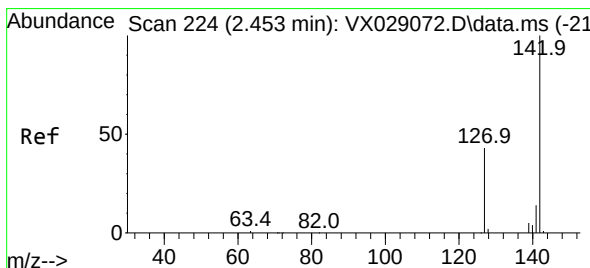
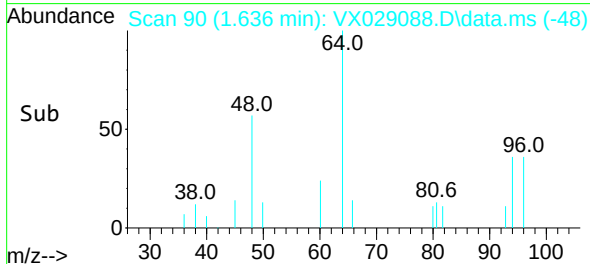
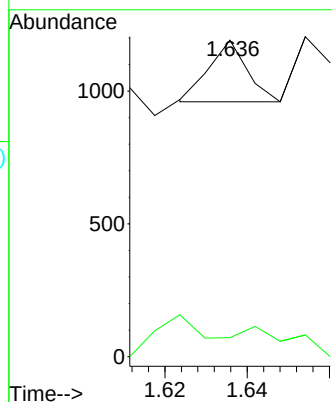
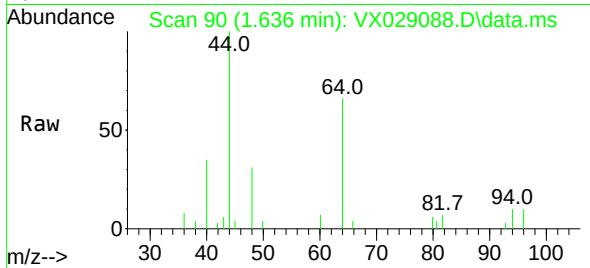




#6
Chloroethane
Concen: 1.455 ug/l
RT: 1.636 min Scan# 90
Delta R.T. -0.043 min
Lab File: VX029088.D
Acq: 31 May 2022 20:48

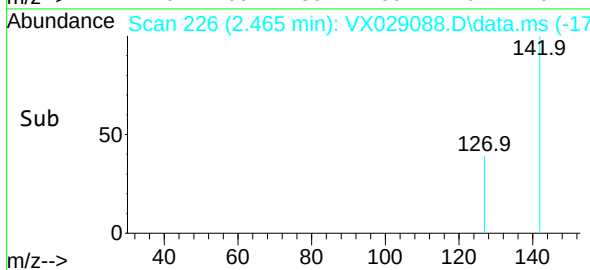
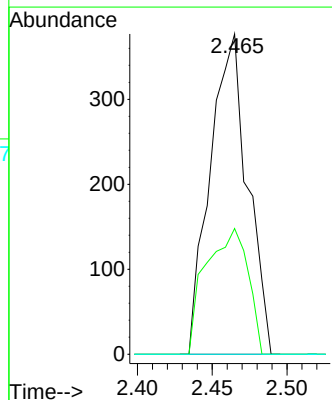
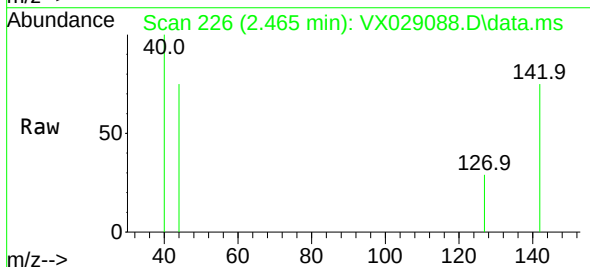
Instrument :
MSVOA_X
ClientSampleId :
33S-20220525

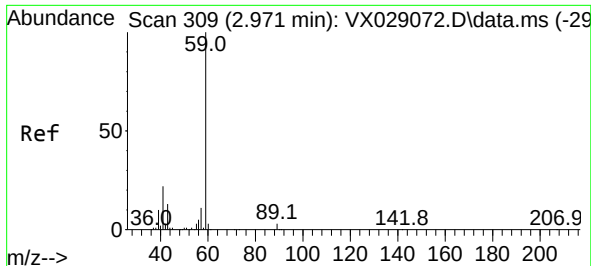
Tgt Ion: 64 Resp: 149
Ion Ratio Lower Upper
64 100
66 6.0 25.3 37.9#



#10
Methyl Iodide
Concen: 4.386 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX029088.D
Acq: 31 May 2022 20:48

Tgt Ion: 142 Resp: 655
Ion Ratio Lower Upper
142 100
127 44.1 33.9 50.9
141 0.0 11.4 17.2#





#11

Tert butyl alcohol

Concen: 7.253 ug/l

RT: 2.953 min Scan# 309

Delta R.T. -0.018 min

Lab File: VX029088.D

Acq: 31 May 2022 20:48

Instrument :

MSVOA_X

ClientSampleId :

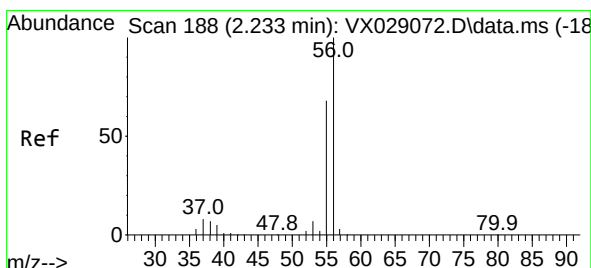
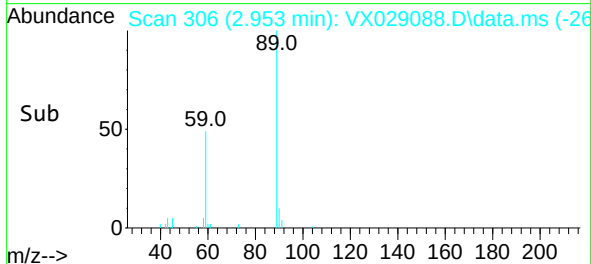
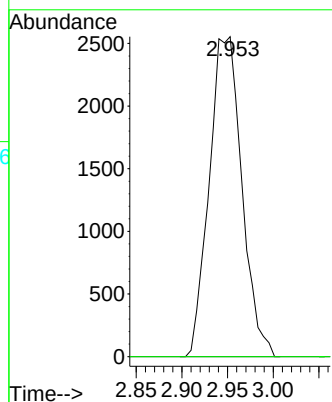
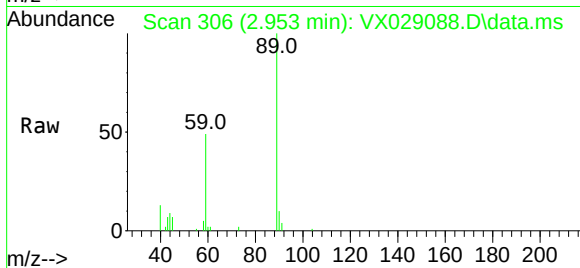
33S-20220525

Tgt Ion: 59 Resp: 6342

Ion Ratio Lower Upper

59 100

57 0.0 8.3 12.5#



#13

Acrolein

Concen: 0.207 ug/l

RT: 2.227 min Scan# 187

Delta R.T. -0.006 min

Lab File: VX029088.D

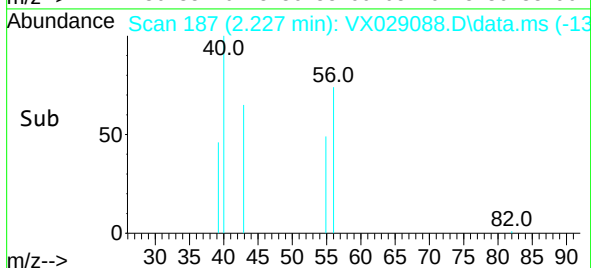
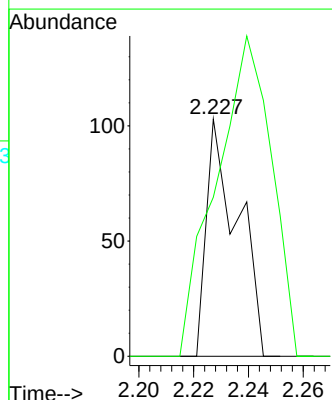
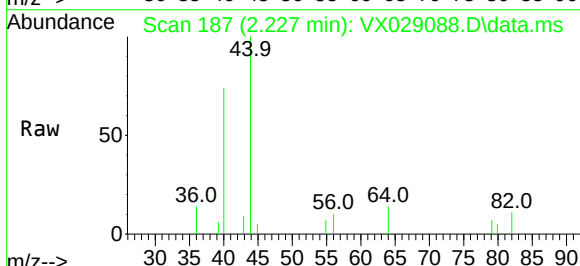
Acq: 31 May 2022 20:48

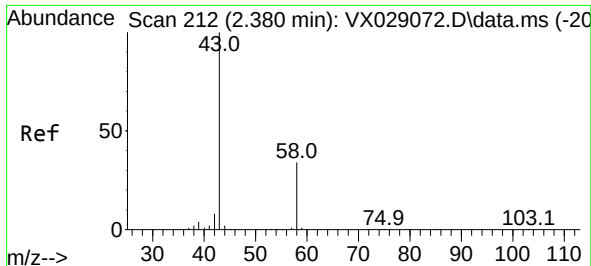
Tgt Ion: 56 Resp: 82

Ion Ratio Lower Upper

56 100

55 237.8 55.0 82.6#

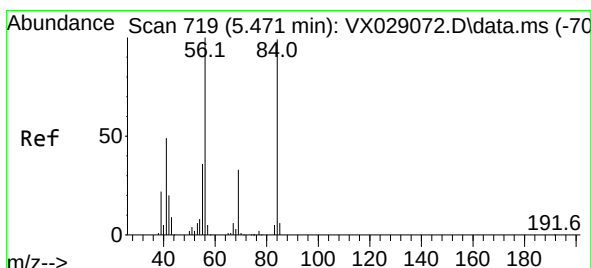
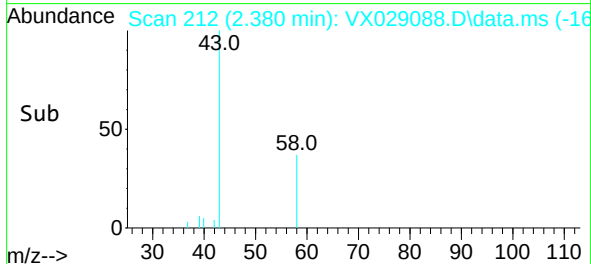
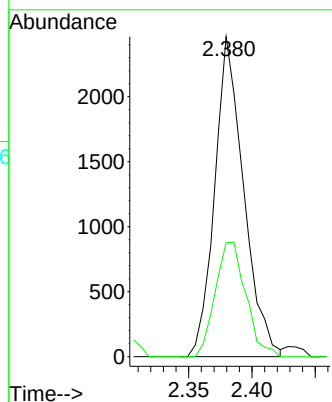
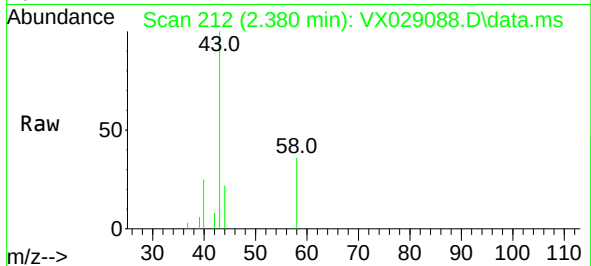




#16
Acetone
Concen: 2.635 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX029088.D
Acq: 31 May 2022 20:48

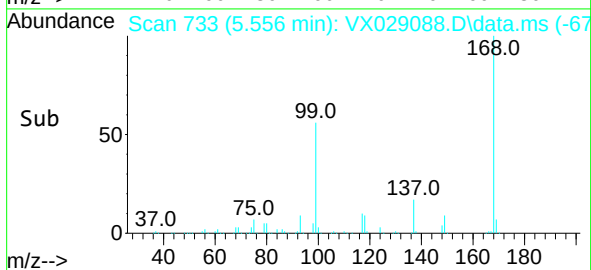
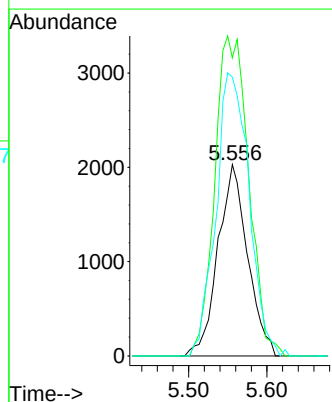
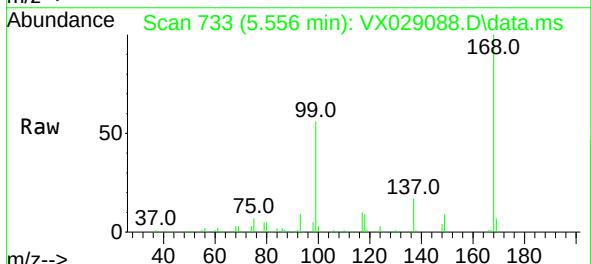
Instrument :
MSVOA_X
ClientSampleId :
33S-20220525

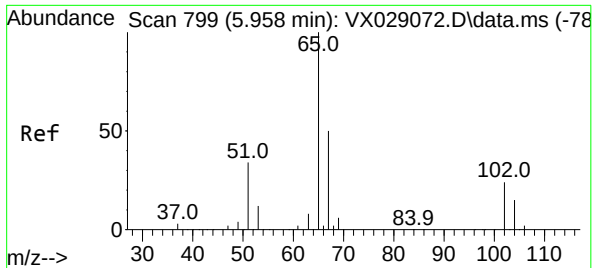
Tgt Ion: 43 Resp: 3917
Ion Ratio Lower Upper
43 100
58 35.6 28.8 43.2



#31
Cyclohexane
Concen: 1.088 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.085 min
Lab File: VX029088.D
Acq: 31 May 2022 20:48

Tgt Ion: 56 Resp: 5341
Ion Ratio Lower Upper
56 100
69 155.8 26.7 40.1#
84 145.7 77.2 115.8#





#33

1,2-Dichloroethane-d4

Concen: 50.992 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.006 min

Lab File: VX029088.D

Acq: 31 May 2022 20:48

Instrument :

MSVOA_X

ClientSampleId :

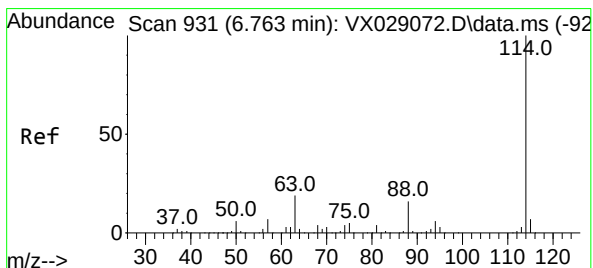
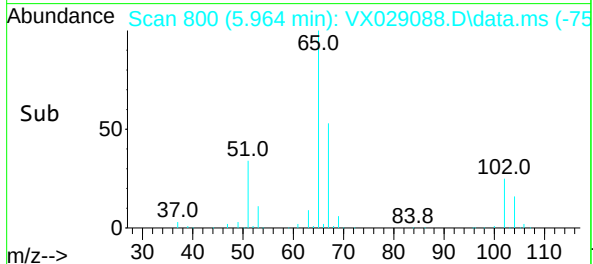
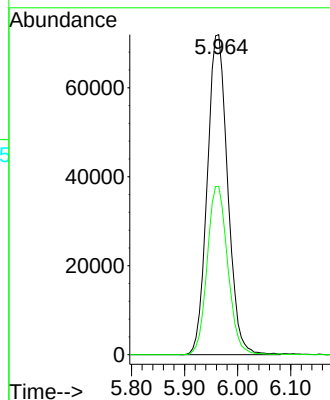
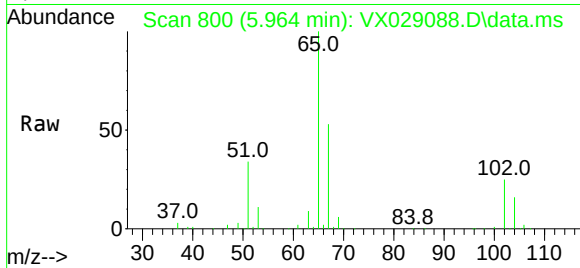
33S-20220525

Tgt Ion: 65 Resp: 192471

Ion Ratio Lower Upper

65 100

67 52.8 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX029088.D

Acq: 31 May 2022 20:48

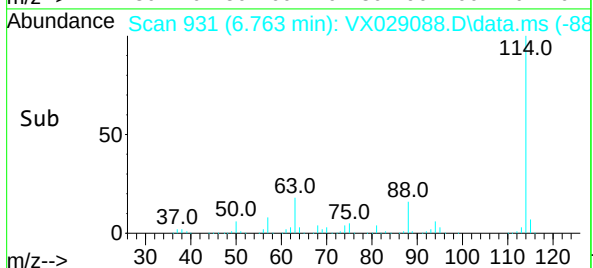
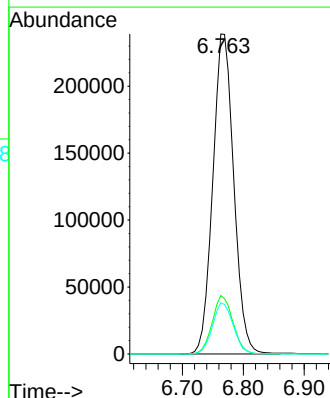
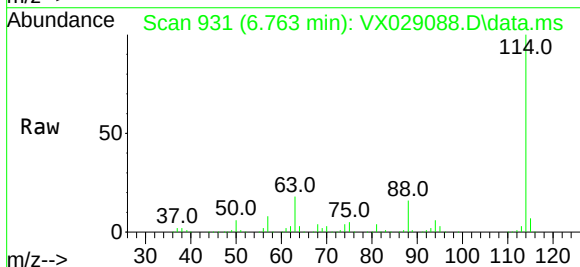
Tgt Ion: 114 Resp: 571334

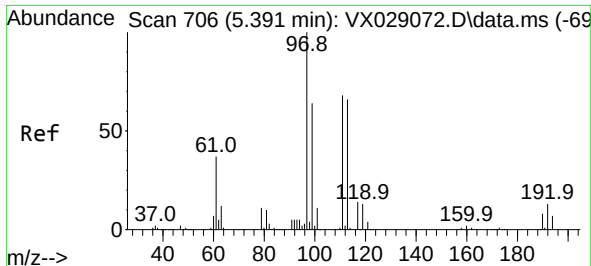
Ion Ratio Lower Upper

114 100

63 18.2 0.0 36.8

88 16.0 0.0 32.4

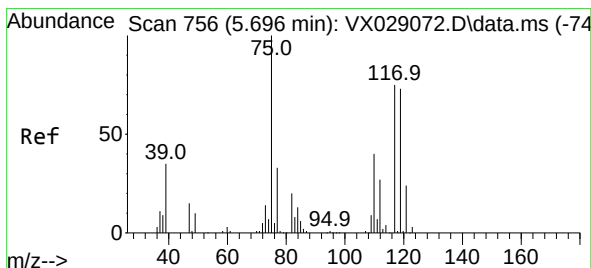
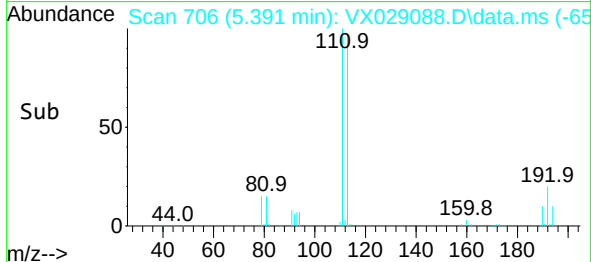
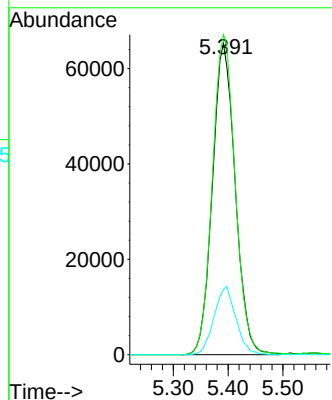
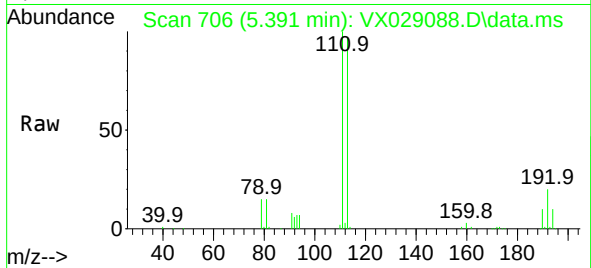




#35
Dibromofluoromethane
Concen: 49.637 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029088.D
Acq: 31 May 2022 20:48

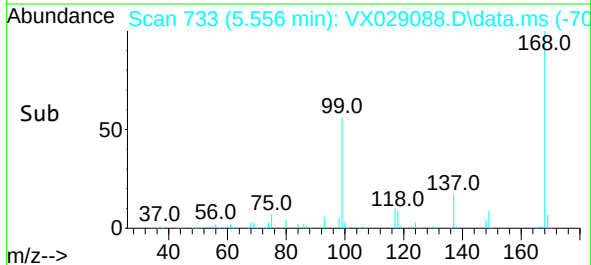
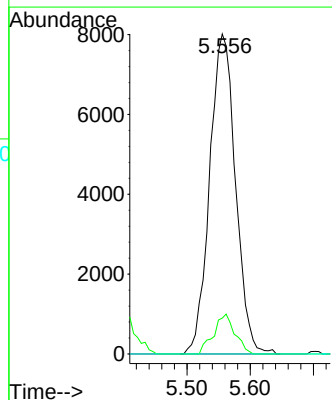
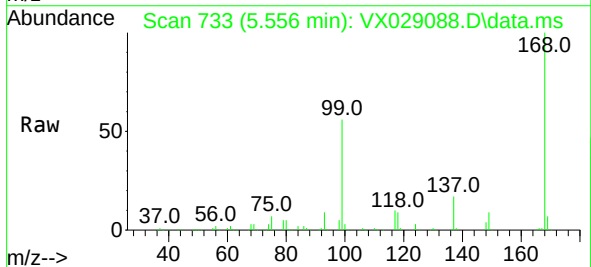
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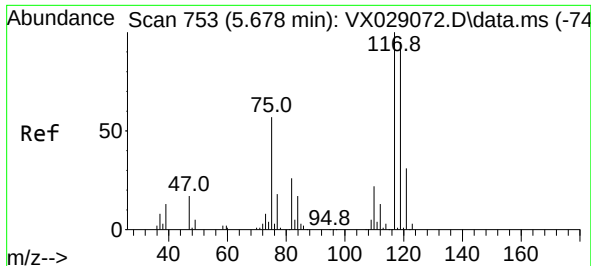
Tgt Ion:113 Resp: 188369
Ion Ratio Lower Upper
113 100
111 103.0 82.8 124.2
192 21.0 16.9 25.3



#36
1,1-Dichloropropene
Concen: 4.657 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX029088.D
Acq: 31 May 2022 20:48

Tgt Ion: 75 Resp: 22738
Ion Ratio Lower Upper
75 100
110 10.3 18.3 54.8#
77 0.0 24.8 37.2#

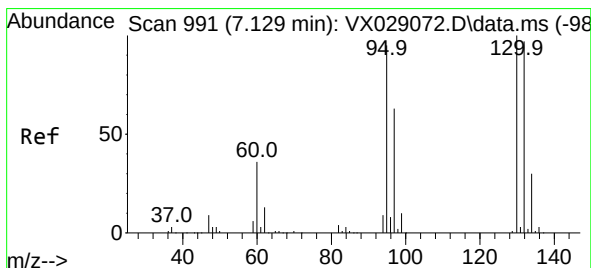
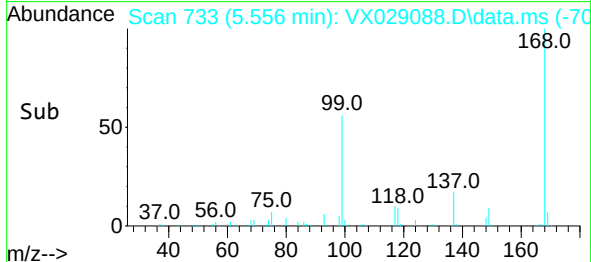
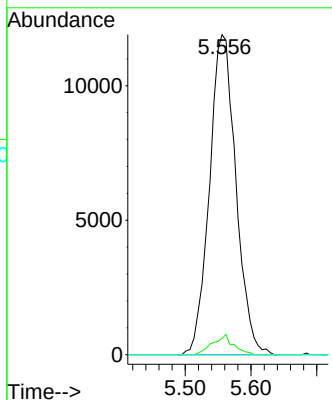
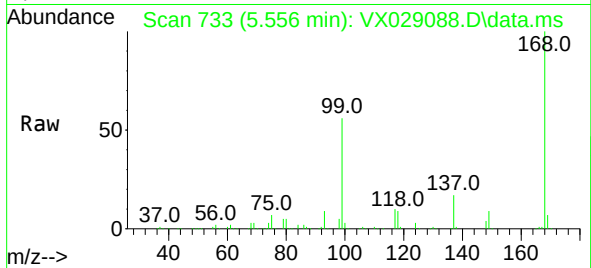




#38
Carbon Tetrachloride
Concen: 5.968 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX029088.D
Acq: 31 May 2022 20:48

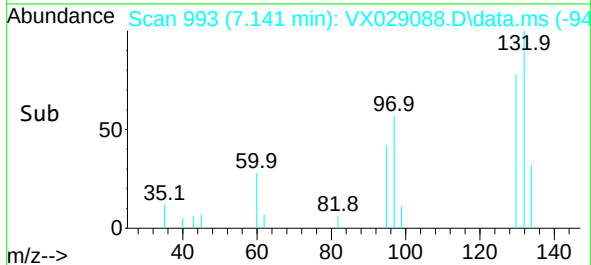
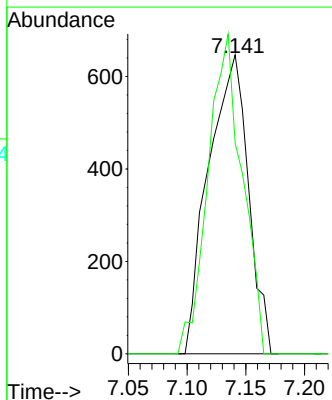
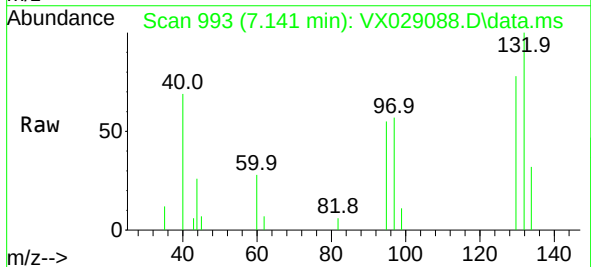
Instrument :
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33S-20220525

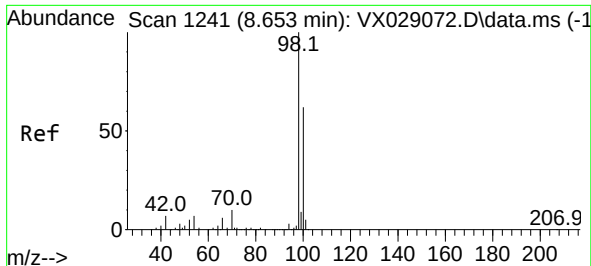
Tgt Ion:117 Resp: 33305
Ion Ratio Lower Upper
117 100
119 5.1 77.3 115.9#
121 0.0 24.2 36.2#



#44
Trichloroethene
Concen: Below Cal
RT: 7.141 min Scan# 993
Delta R.T. 0.012 min
Lab File: VX029088.D
Acq: 31 May 2022 20:48

Tgt Ion:130 Resp: 1522
Ion Ratio Lower Upper
130 100
95 70.5 0.0 188.8

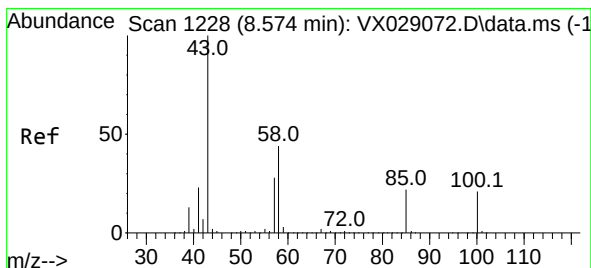
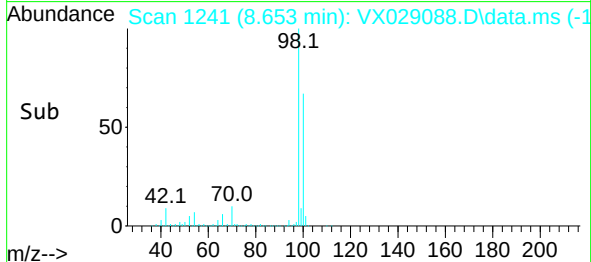
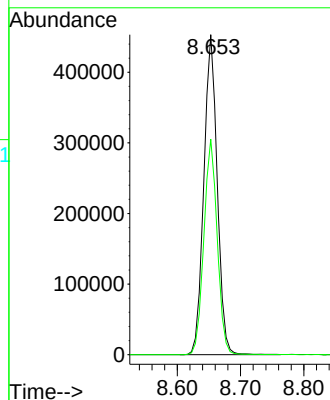
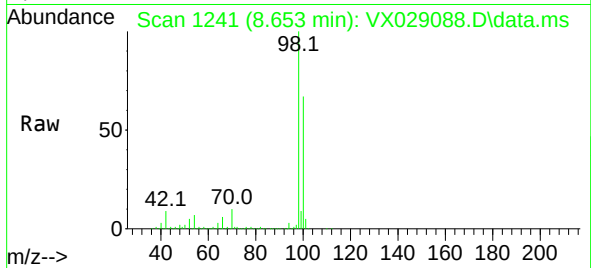




#50
Toluene-d8
Concen: 48.209 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX029088.D
Acq: 31 May 2022 20:48

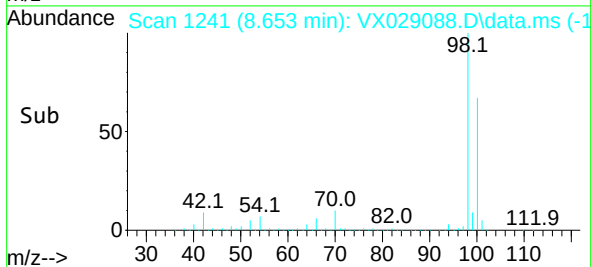
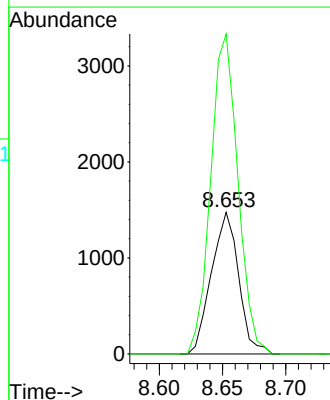
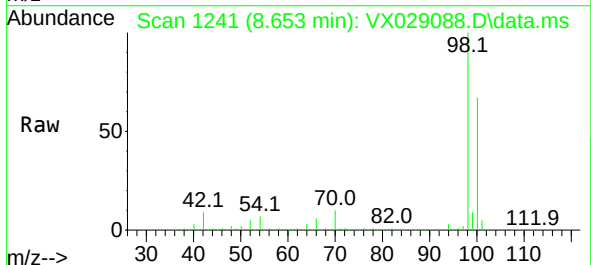
Instrument :
MSVOA_X
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33S-20220525

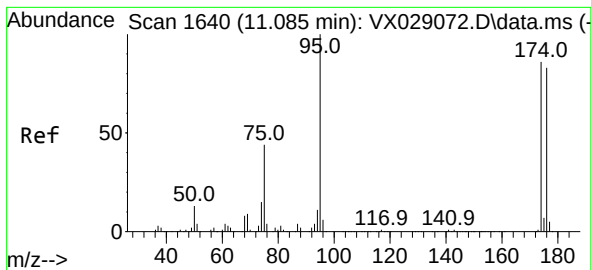
Tgt Ion: 98 Resp: 669125
Ion Ratio Lower Upper
98 100
100 67.3 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.449 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX029088.D
Acq: 31 May 2022 20:48

Tgt Ion: 43 Resp: 2213
Ion Ratio Lower Upper
43 100
58 224.9 36.1 54.1#

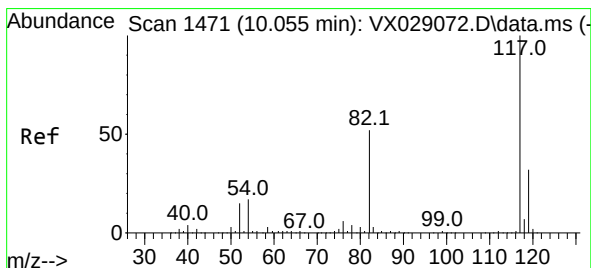
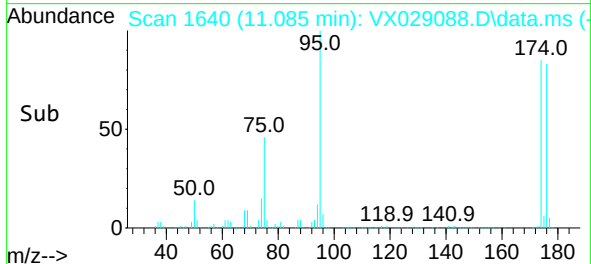
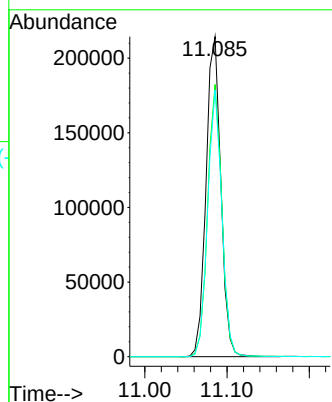
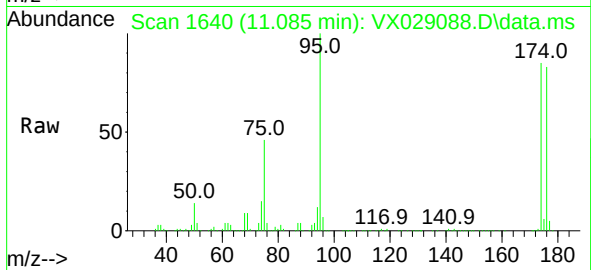




#62
4-Bromofluorobenzene
Concen: 49.926 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX029088.D
Acq: 31 May 2022 20:48

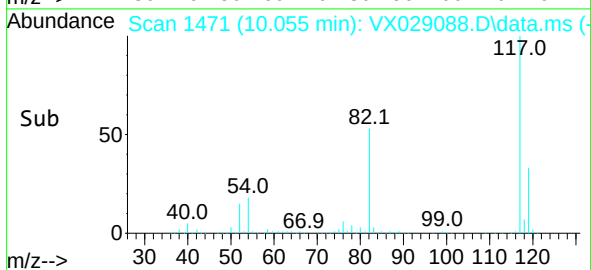
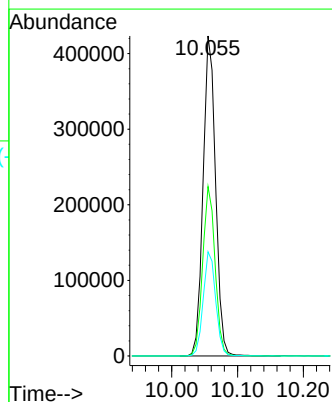
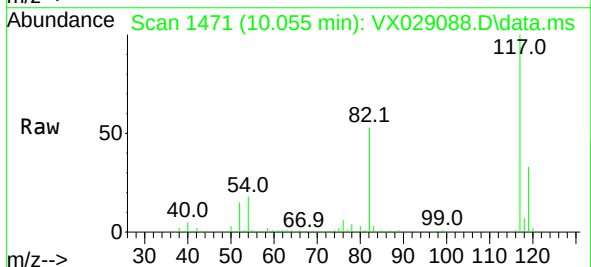
Instrument :
MSVOA_X
ClientSampleId :
33S-20220525

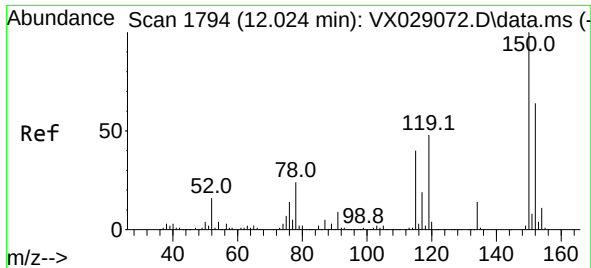
Tgt Ion: 95 Resp: 267865
Ion Ratio Lower Upper
95 100
174 81.8 0.0 163.0
176 80.0 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029088.D
Acq: 31 May 2022 20:48

Tgt Ion: 117 Resp: 558981
Ion Ratio Lower Upper
117 100
82 53.0 41.8 62.8
119 32.6 24.8 37.2

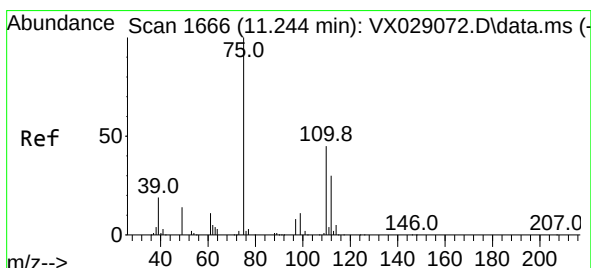
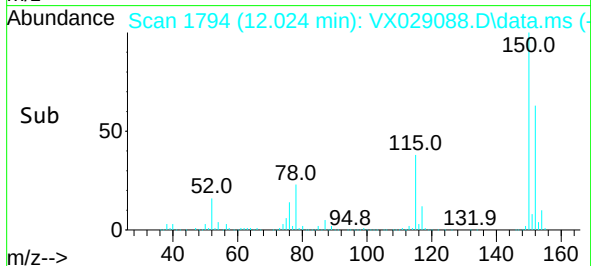
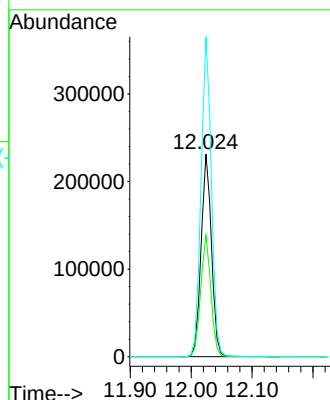
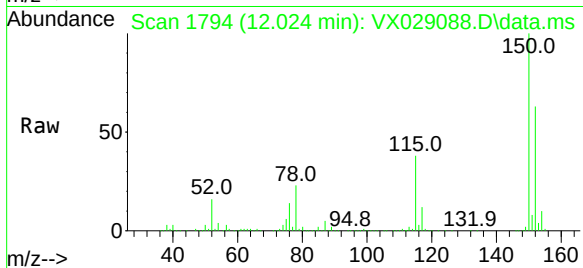




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029088.D
Acq: 31 May 2022 20:48

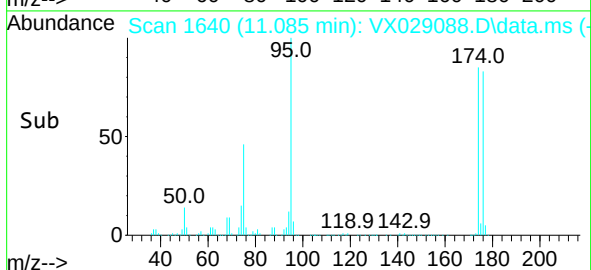
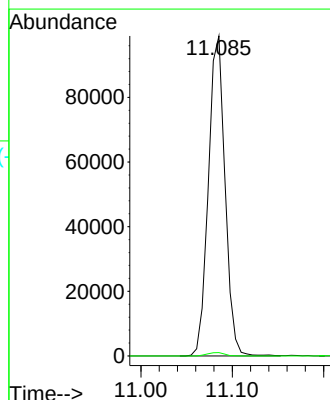
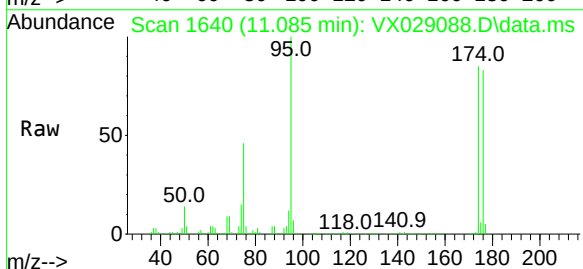
Instrument :
MSVOA_X
ClientSampleId :
33S-20220525

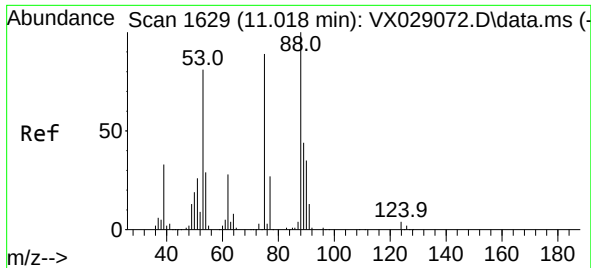
Tgt Ion:152 Resp: 273503
Ion Ratio Lower Upper
152 100
115 58.9 37.5 112.7
150 157.1 0.0 338.2



#76
1,2,3-Trichloropropane
Concen: 22.534 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX029088.D
Acq: 31 May 2022 20:48

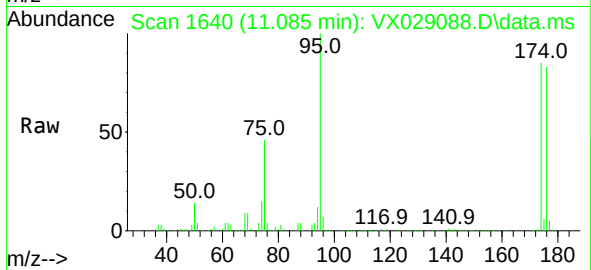
Tgt Ion: 75 Resp: 124935
Ion Ratio Lower Upper
75 100
77 1.1 19.4 58.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 66.109 ug/l
 RT: 11.085 min Scan# 1
 Delta R.T. 0.067 min
 Lab File: VX029088.D
 Acq: 31 May 2022 20:48

Instrument :
 MSVOA_X
 ClientSampleId :
 33S-20220525



Tgt Ion: 75 Resp: 124935
 Ion Ratio Lower Upper
 75 100
 53 0.0 69.0 103.4#
 89 0.1 37.0 55.6#

