

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060622\
 Data File : VX029230.D
 Acq On : 06 Jun 2022 11:33
 Operator : JC/MD
 Sample : VX0606WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0606WBL01

Quant Time: Jun 07 06:02:27 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)

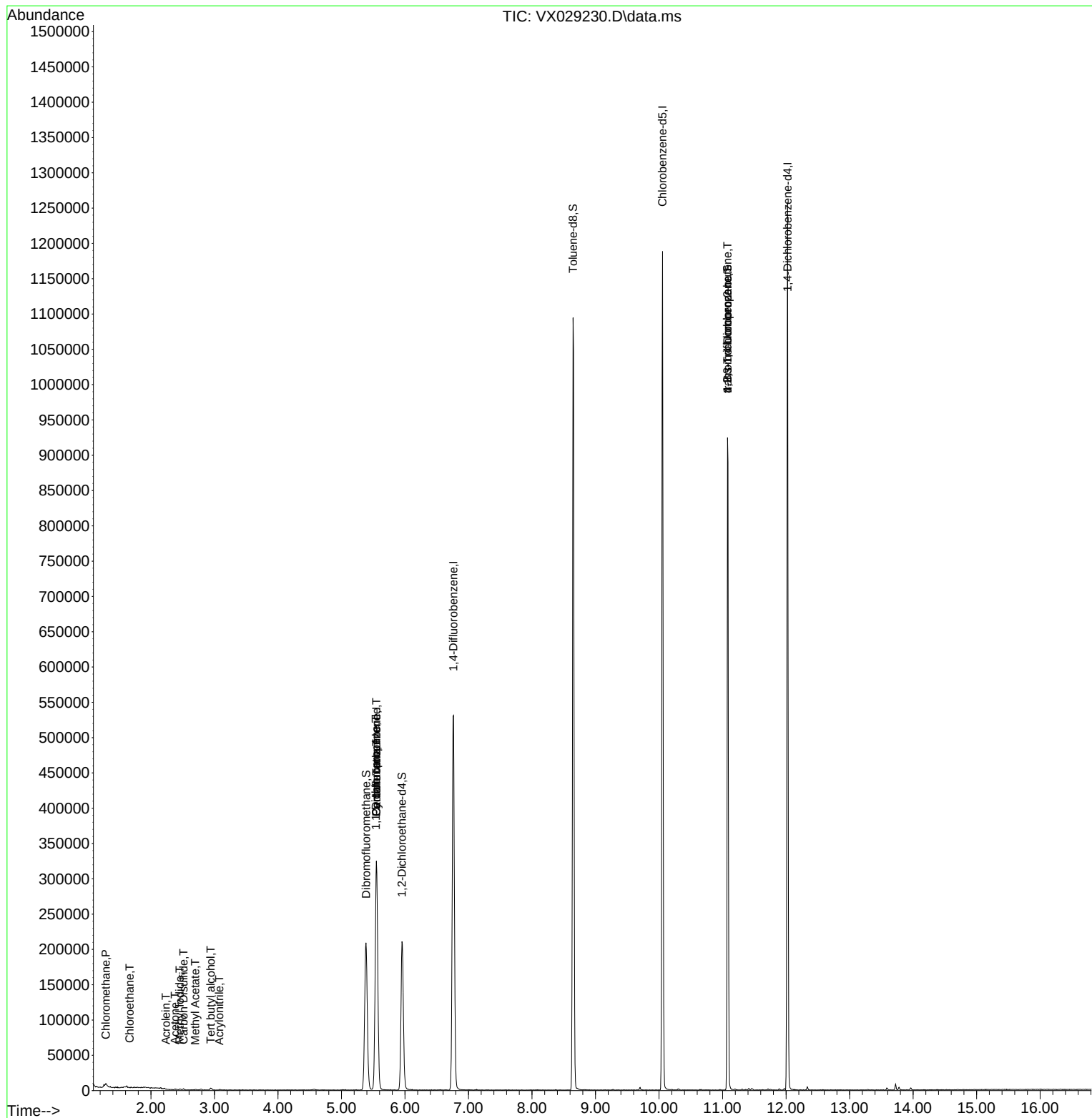
Internal Standards						
1) Pentafluorobenzene	5.550	168	304993	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	565907	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	549387	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	250051	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	201065	58.462	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 116.920%	
35) Dibromofluoromethane	5.385	113	188578	50.169	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 100.340%	
50) Toluene-d8	8.647	98	670125	48.744	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 97.480%	
62) 4-Bromofluorobenzene	11.079	95	267466	50.330	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 100.660%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.288	50	729	0.263	ug/l #	84
5) Bromomethane	1.618	94	1244	Below Cal		91
6) Chloroethane	1.666	64	199	1.478	ug/l #	43
10) Methyl Iodide	2.453	142	1467	4.617	ug/l #	95
11) Tert butyl alcohol	2.940	59	1531	1.922	ug/l #	72
13) Acrolein	2.233	56	145	0.402	ug/l #	31
15) Acrylonitrile	3.075	53	333	0.203	ug/l #	52
16) Acetone	2.380	43	1098	0.811	ug/l	92
17) Carbon Disulfide	2.514	76	1725	0.229	ug/l #	79
18) Methyl Acetate	2.697	43	949	0.271	ug/l #	73
31) Cyclohexane	5.550	56	5708	1.277	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	23835	4.928	ug/l #	49
38) Carbon Tetrachloride	5.550	117	31632	5.723	ug/l #	16
44) Trichloroethene	7.129	130	264	Below Cal		97
76) 1,2,3-Trichloropropane	11.079	75	128639	25.378	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	128639	74.453	ug/l #	15
94) Hexachlorobutadiene	13.731	225	1164	Below Cal		97

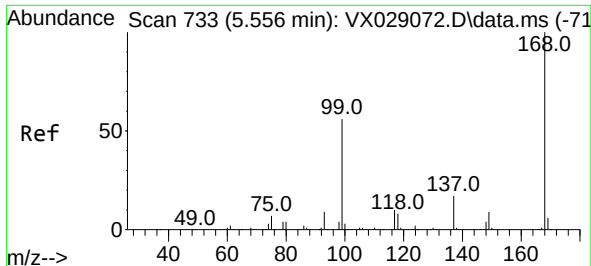
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 07 06:02:27 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053122W.M
Quant Title : SW846 8260
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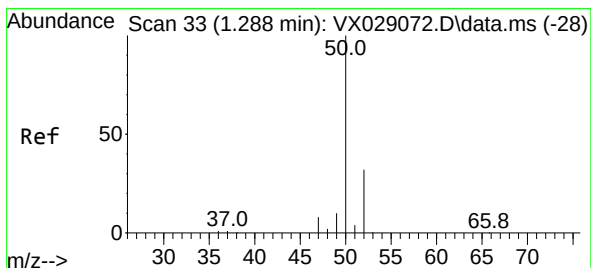
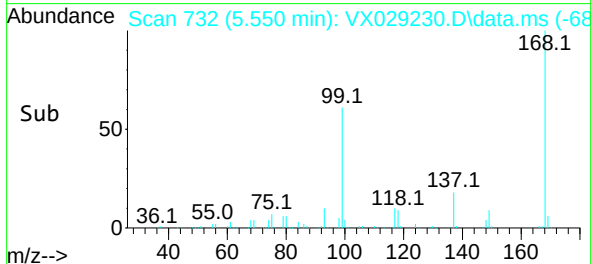
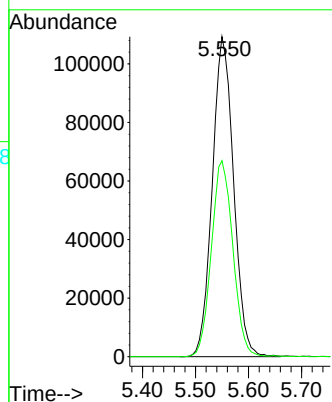
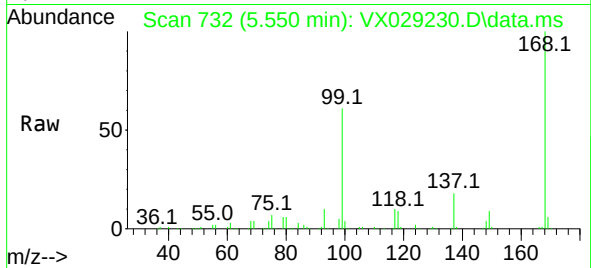




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX029230.D
Acq: 06 Jun 2022 11:33

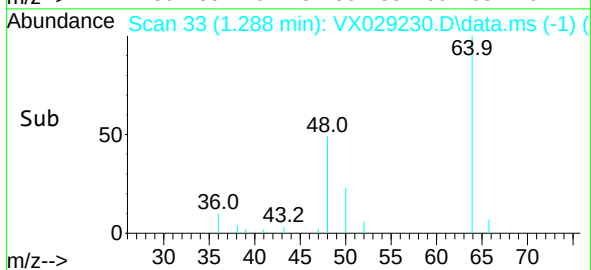
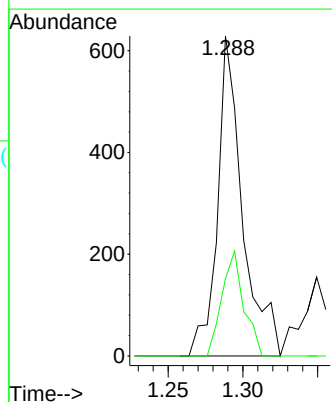
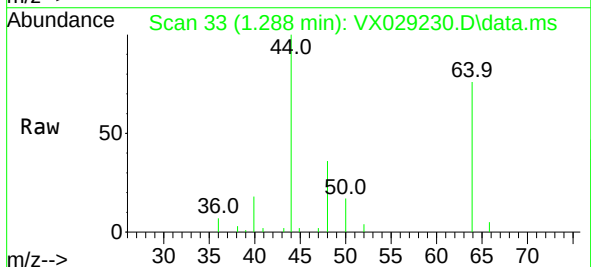
Instrument :
MSVOA_X
ClientSampleId :
VX0606WBL01

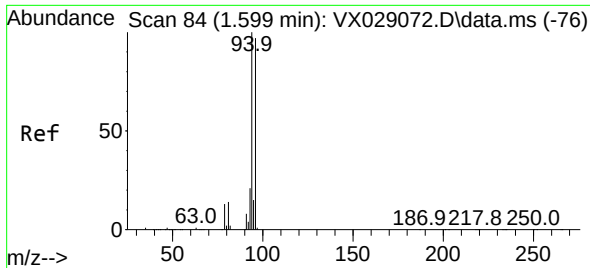
Tgt Ion:168 Resp: 304993
Ion Ratio Lower Upper
168 100
99 61.2 41.7 62.5



#3
Chloromethane
Concen: 0.263 ug/l
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX029230.D
Acq: 06 Jun 2022 11:33

Tgt Ion: 50 Resp: 729
Ion Ratio Lower Upper
50 100
52 24.2 26.4 39.6

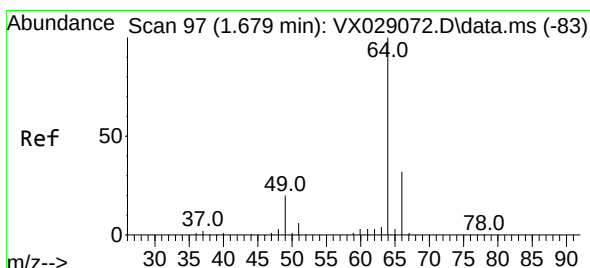
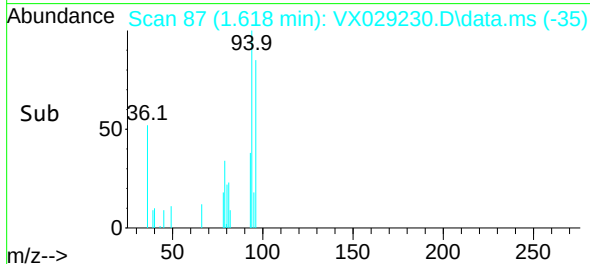
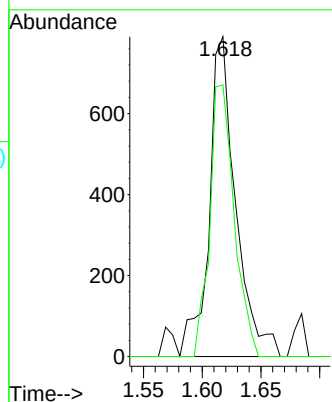
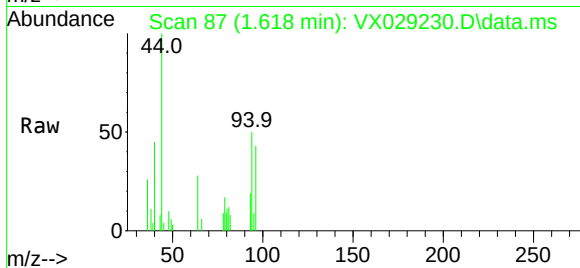




#5
Bromomethane
Concen: Below Cal
RT: 1.618 min Scan# 81
Delta R.T. 0.019 min
Lab File: VX029230.D
Acq: 06 Jun 2022 11:33

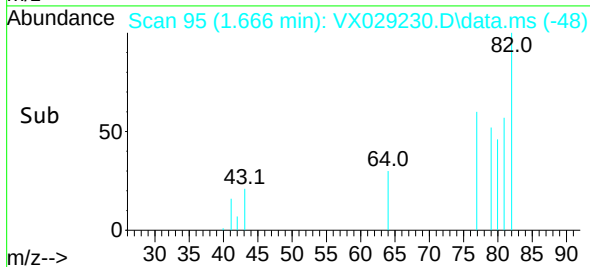
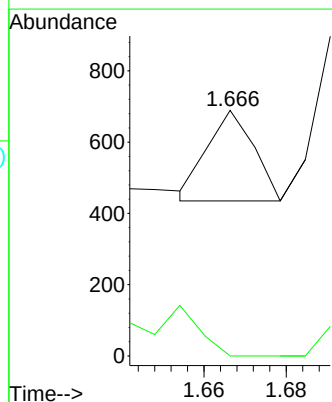
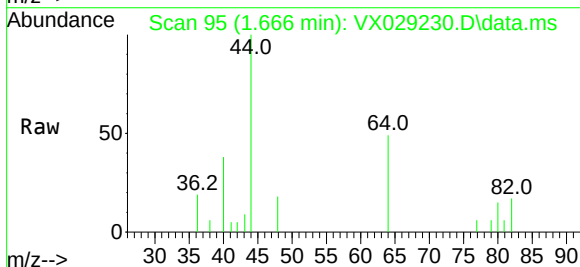
Instrument :
MSVOA_X
ClientSampleId :
VX0606WBL01

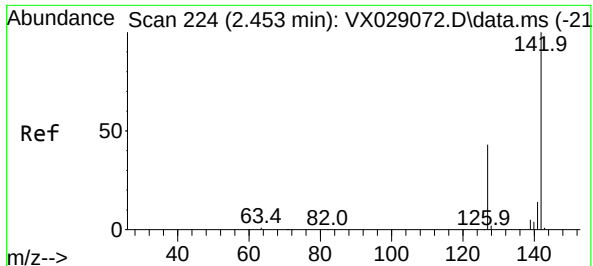
Tgt Ion: 94 Resp: 1244
Ion Ratio Lower Upper
94 100
96 84.9 75.3 112.9



#6
Chloroethane
Concen: 1.478 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.013 min
Lab File: VX029230.D
Acq: 06 Jun 2022 11:33

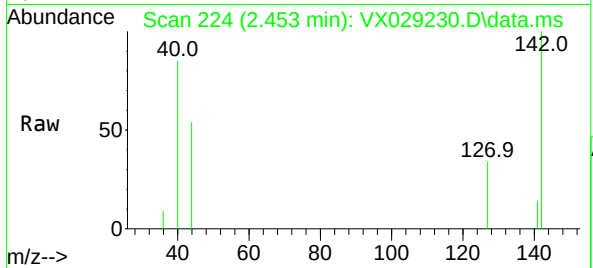
Tgt Ion: 64 Resp: 199
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



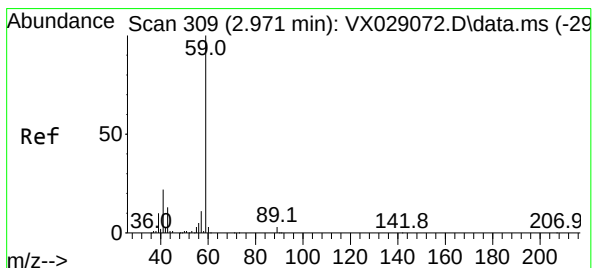
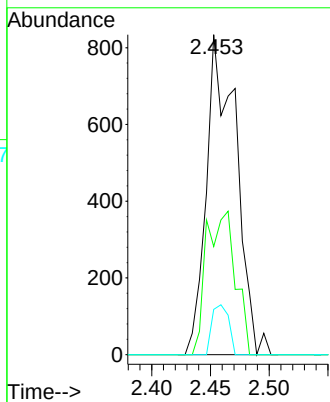
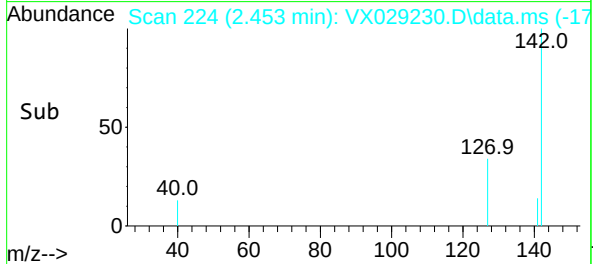


#10
Methyl Iodide
Concen: 4.617 ug/l
RT: 2.453 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX029230.D
Acq: 06 Jun 2022 11:33

Instrument :
MSVOA_X
ClientSampleId :
VX0606WBL01

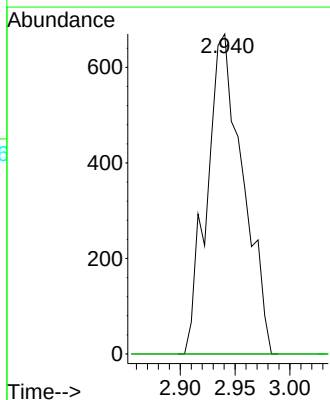
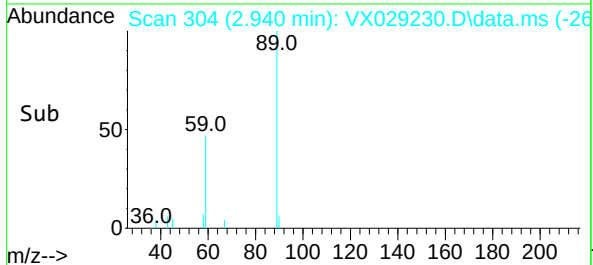
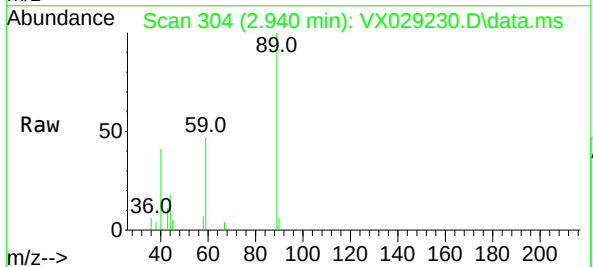


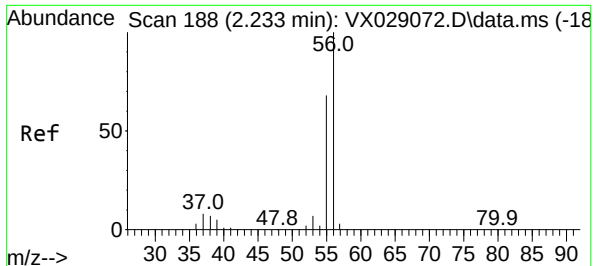
Tgt Ion:142 Resp: 1467
Ion Ratio Lower Upper
142 100
127 43.9 33.9 50.9
141 8.7 11.4 17.2#



#11
Tert butyl alcohol
Concen: 1.922 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.031 min
Lab File: VX029230.D
Acq: 06 Jun 2022 11:33

Tgt Ion: 59 Resp: 1531
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

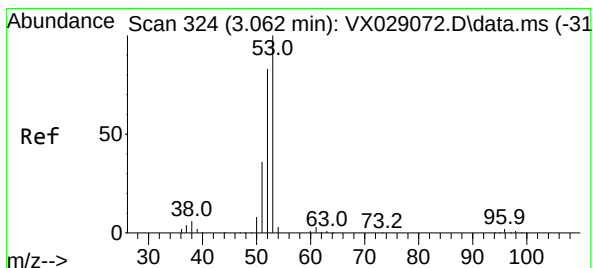
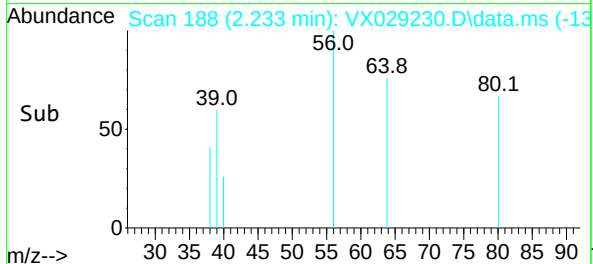
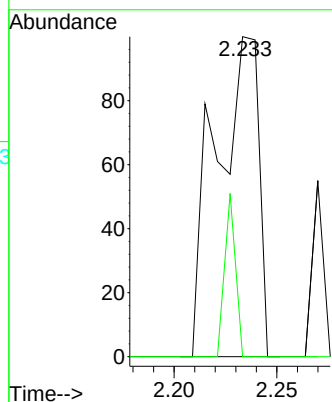
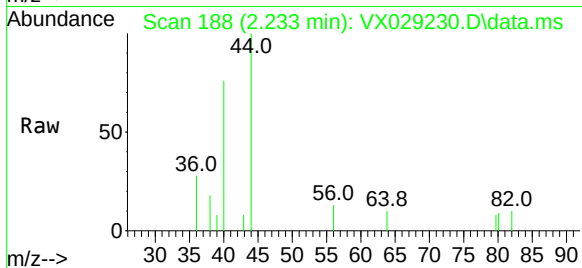




#13
Acrolein
Concen: 0.402 ug/l
RT: 2.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX029230.D
Acq: 06 Jun 2022 11:33

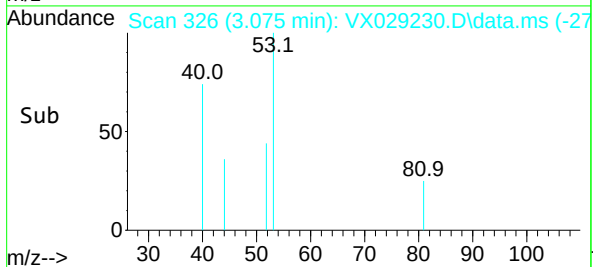
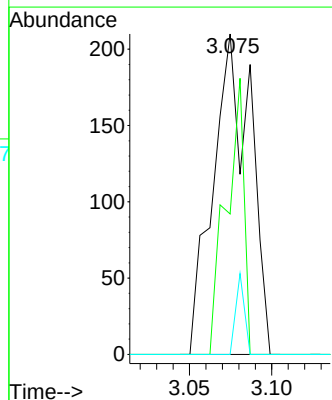
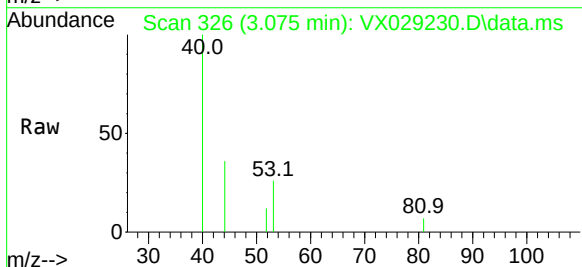
Instrument :
MSVOA_X
ClientSampleId :
VX0606WBL01

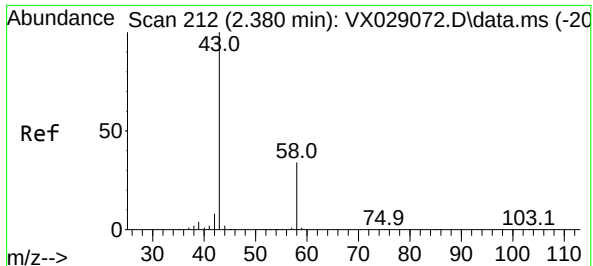
Tgt Ion: 56 Resp: 145
Ion Ratio Lower Upper
56 100
55 13.1 55.0 82.6#



#15
Acrylonitrile
Concen: 0.203 ug/l
RT: 3.075 min Scan# 326
Delta R.T. 0.013 min
Lab File: VX029230.D
Acq: 06 Jun 2022 11:33

Tgt Ion: 53 Resp: 333
Ion Ratio Lower Upper
53 100
52 40.8 65.7 98.5#
51 5.7 28.4 42.6#

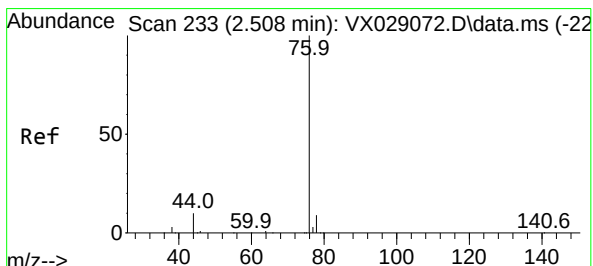
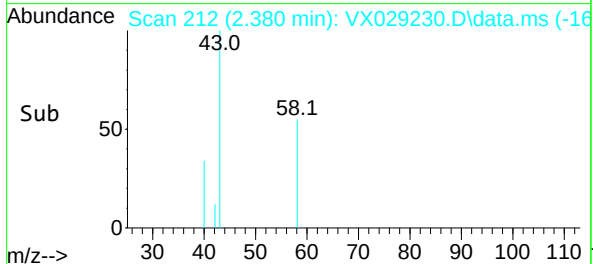
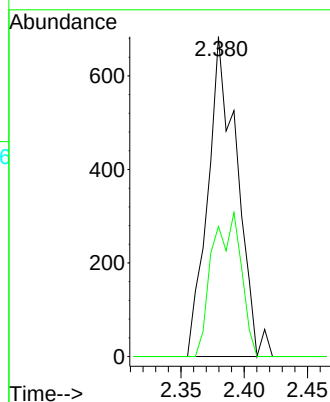
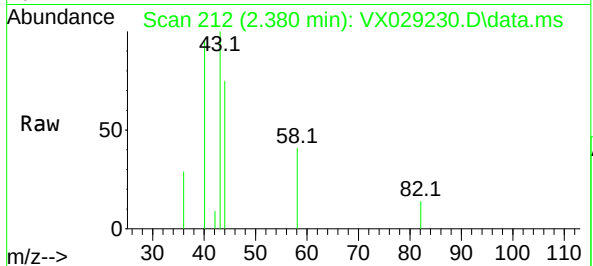




#16
Acetone
Concen: 0.811 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX029230.D
Acq: 06 Jun 2022 11:33

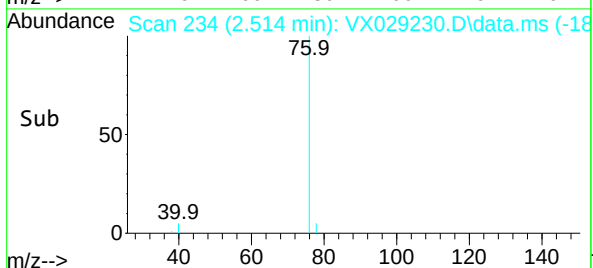
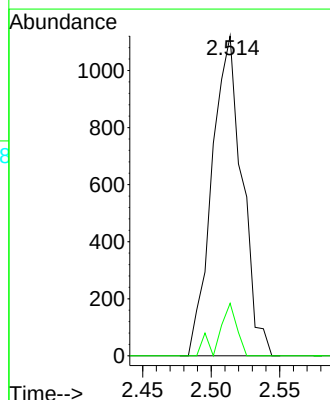
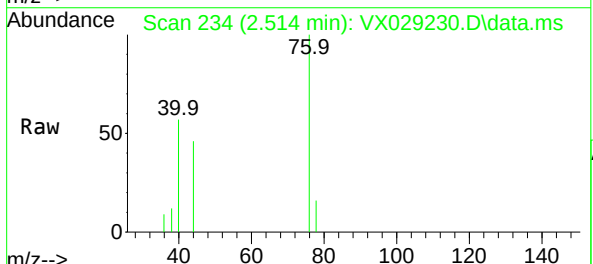
Instrument :
MSVOA_X
ClientSampleId :
VX0606WBL01

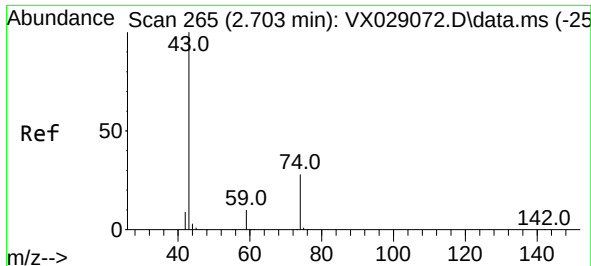
Tgt Ion: 43 Resp: 1098
Ion Ratio Lower Upper
43 100
58 40.6 28.8 43.2



#17
Carbon Disulfide
Concen: 0.229 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.006 min
Lab File: VX029230.D
Acq: 06 Jun 2022 11:33

Tgt Ion: 76 Resp: 1725
Ion Ratio Lower Upper
76 100
78 16.4 7.2 10.8#

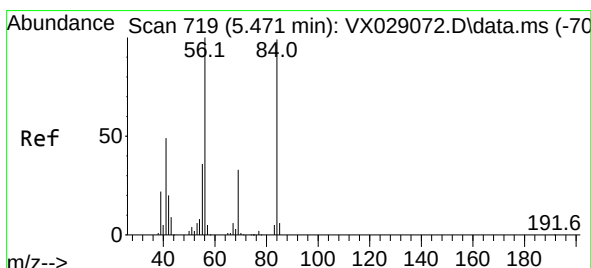
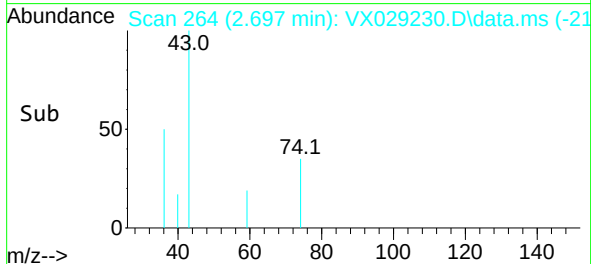
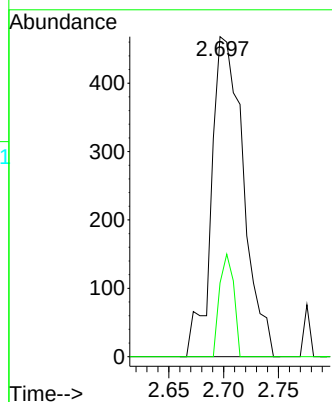
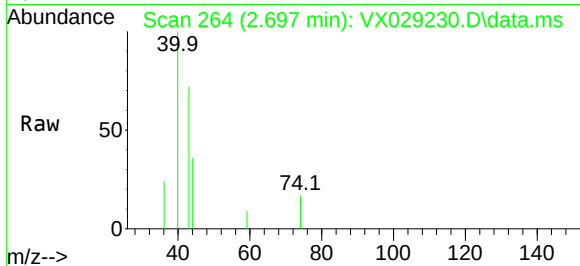




#18
Methyl Acetate
Concen: 0.271 ug/l
RT: 2.697 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX029230.D
Acq: 06 Jun 2022 11:33

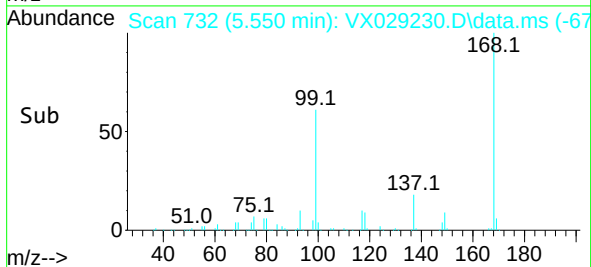
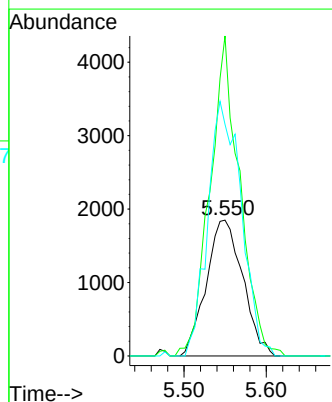
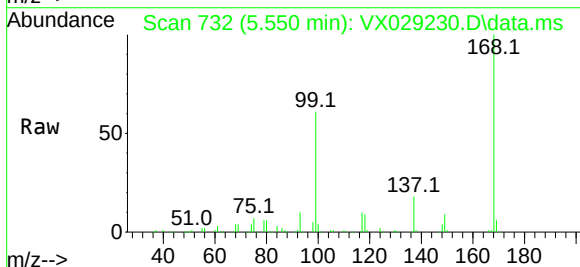
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MSVOA_X
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VX0606WBL01

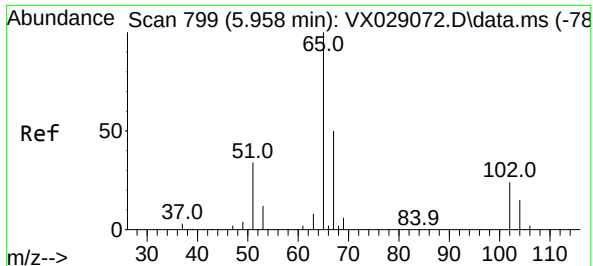
Tgt Ion: 43 Resp: 949
Ion Ratio Lower Upper
43 100
74 14.2 22.8 34.2#



#31
Cyclohexane
Concen: 1.277 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX029230.D
Acq: 06 Jun 2022 11:33

Tgt Ion: 56 Resp: 5708
Ion Ratio Lower Upper
56 100
69 231.5 26.7 40.1#
84 170.6 77.2 115.8#





#33

1,2-Dichloroethane-d4

Concen: 58.462 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX029230.D

Acq: 06 Jun 2022 11:33

Instrument :

MSVOA_X

ClientSampleId :

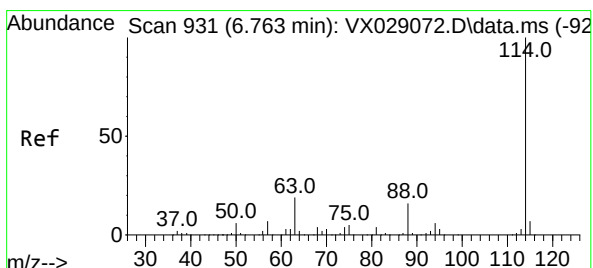
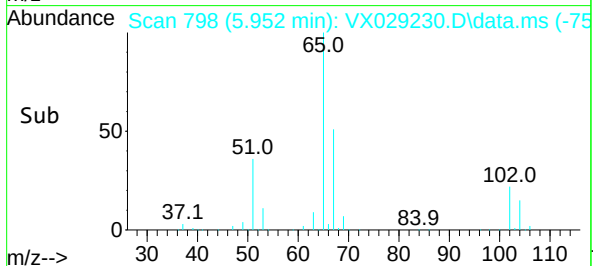
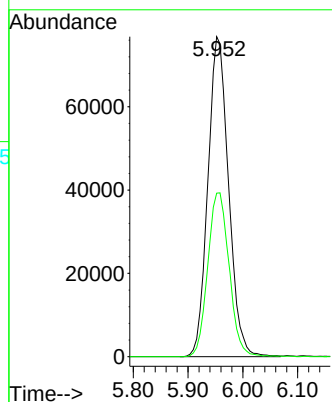
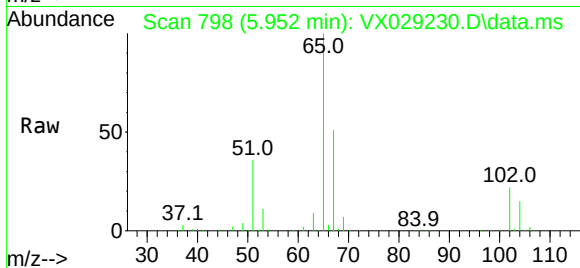
VX0606WBL01

Tgt Ion: 65 Resp: 201065

Ion Ratio Lower Upper

65 100

67 53.0 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: VX029230.D

Acq: 06 Jun 2022 11:33

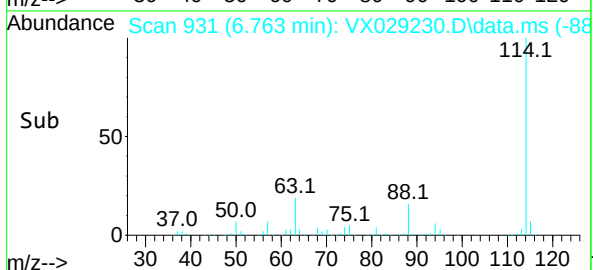
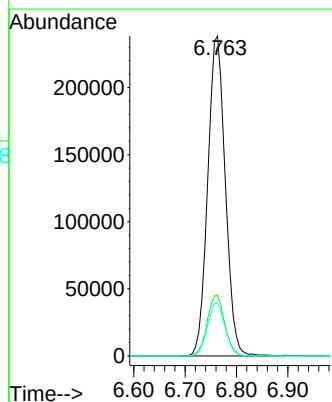
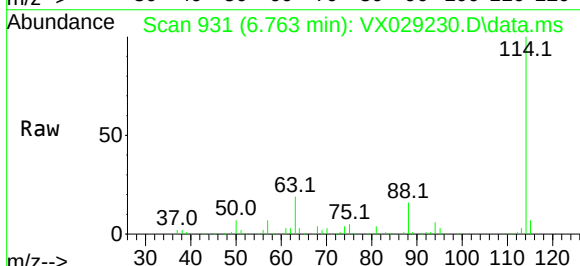
Tgt Ion: 114 Resp: 565907

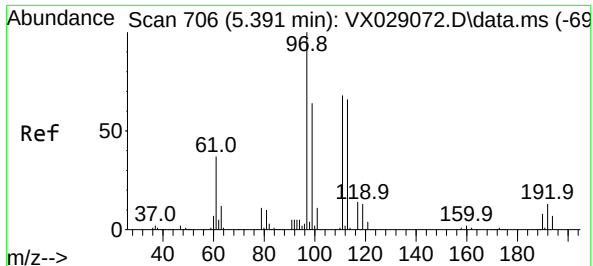
Ion Ratio Lower Upper

114 100

63 19.0 0.0 36.8

88 16.4 0.0 32.4





#35

Dibromofluoromethane

Concen: 50.169 ug/l

RT: 5.385 min Scan# 706

Delta R.T. -0.006 min

Lab File: VX029230.D

Acq: 06 Jun 2022 11:33

Instrument :

MSVOA_X

ClientSampleId :

VX0606WBL01

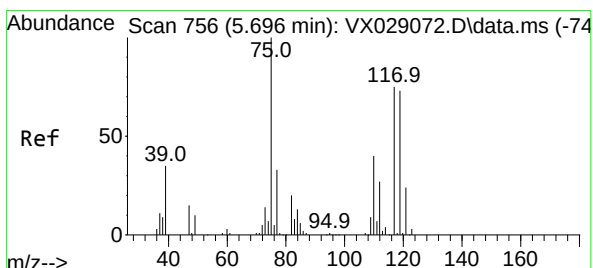
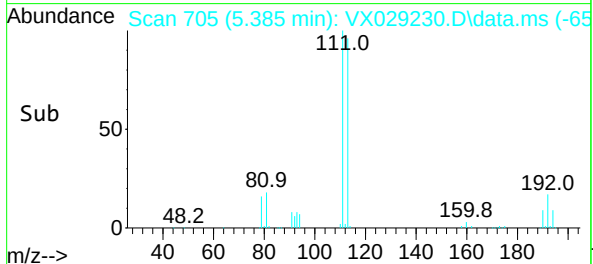
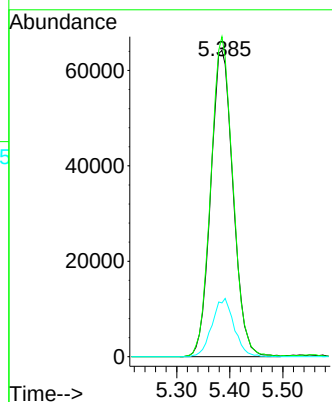
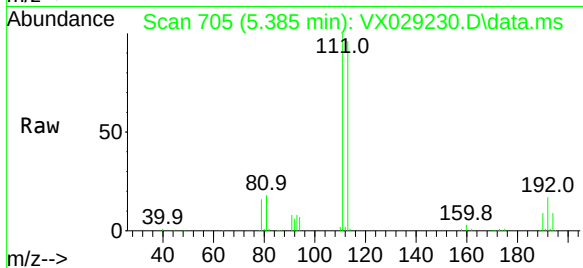
Tgt Ion:113 Resp: 188578

Ion Ratio Lower Upper

113 100

111 102.5 82.8 124.2

192 18.7 16.9 25.3



#36

1,1-Dichloropropene

Concen: 4.928 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.152 min

Lab File: VX029230.D

Acq: 06 Jun 2022 11:33

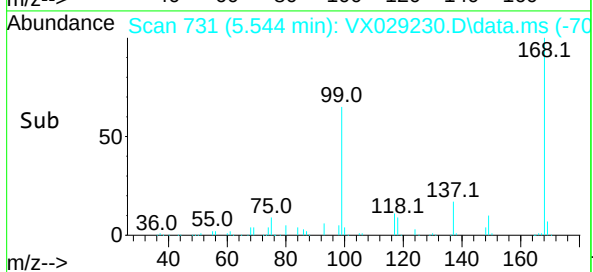
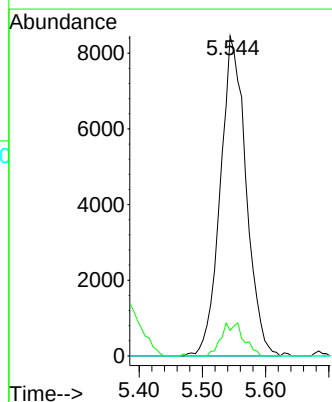
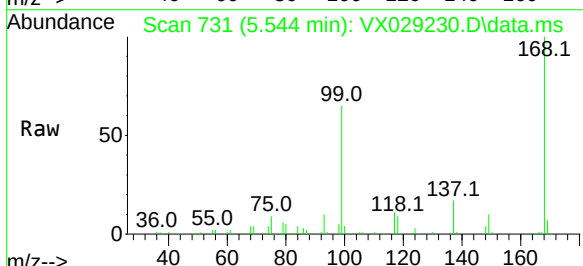
Tgt Ion: 75 Resp: 23835

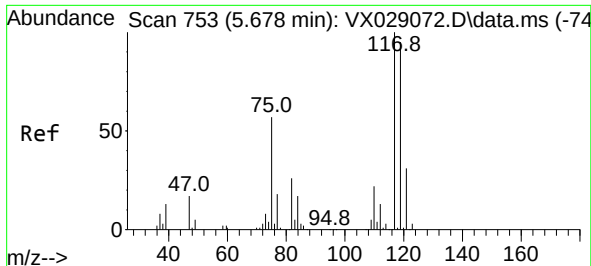
Ion Ratio Lower Upper

75 100

110 8.9 18.3 54.8#

77 0.0 24.8 37.2#

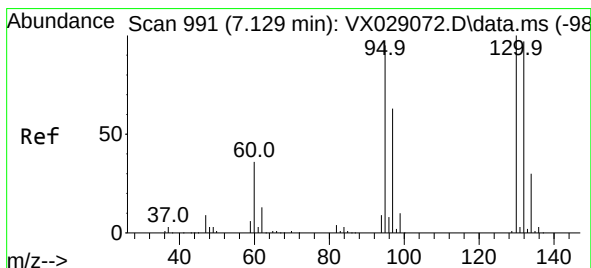
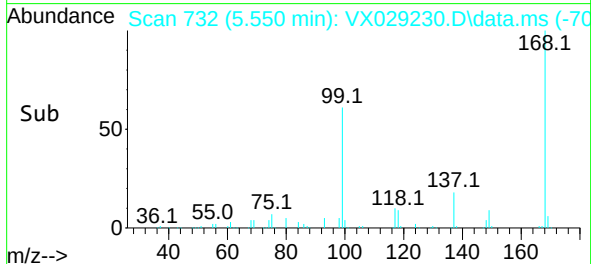
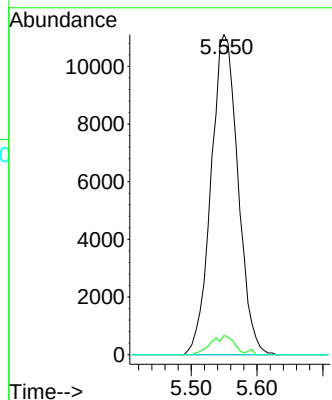
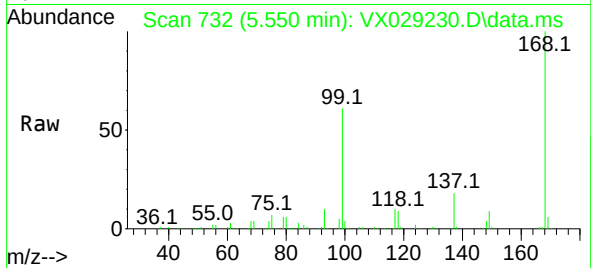




#38
Carbon Tetrachloride
Concen: 5.723 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX029230.D
Acq: 06 Jun 2022 11:33

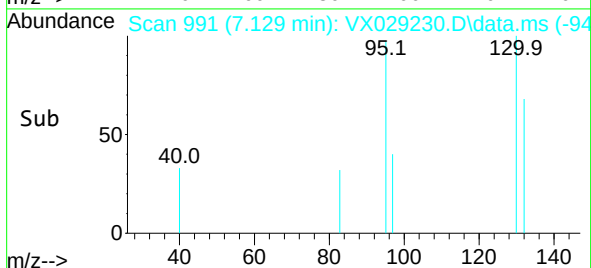
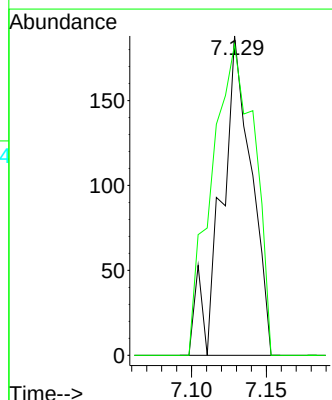
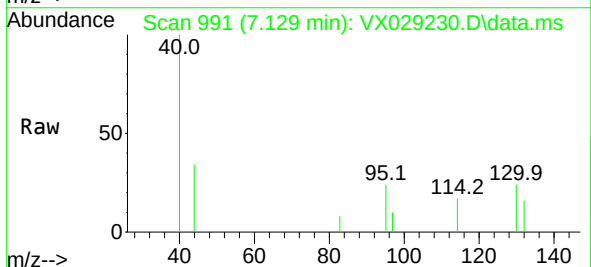
Instrument :
MSVOA_X
ClientSampleId :
VX0606WBL01

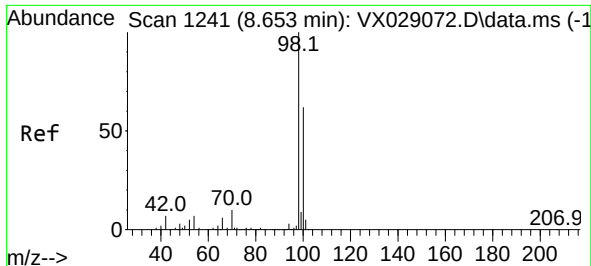
Tgt Ion:117 Resp: 31632
Ion Ratio Lower Upper
117 100
119 6.1 77.3 115.9#
121 0.0 24.2 36.2#



#44
Trichloroethene
Concen: Below Cal
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX029230.D
Acq: 06 Jun 2022 11:33

Tgt Ion:130 Resp: 264
Ion Ratio Lower Upper
130 100
95 97.3 0.0 188.8

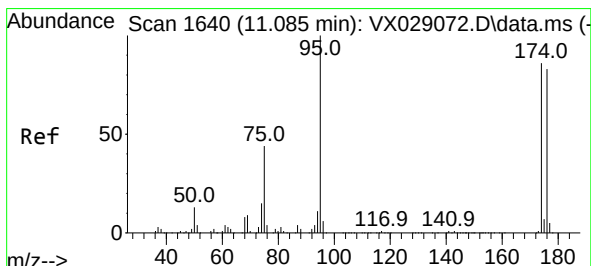
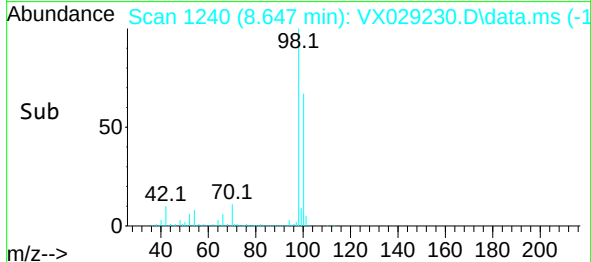
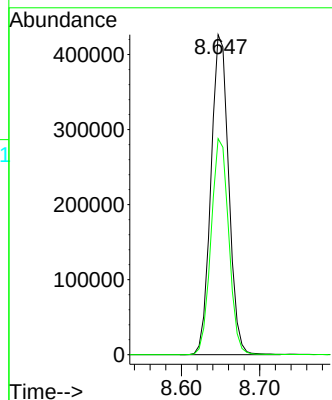
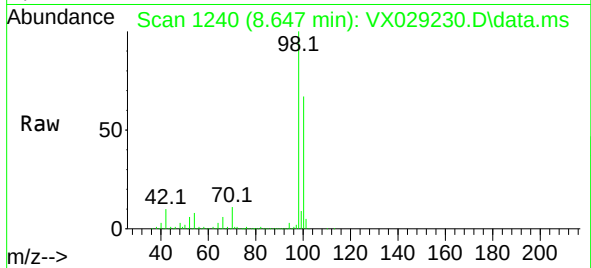




#50
Toluene-d8
Concen: 48.744 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX029230.D
Acq: 06 Jun 2022 11:33

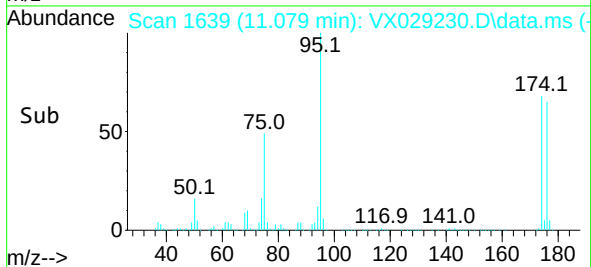
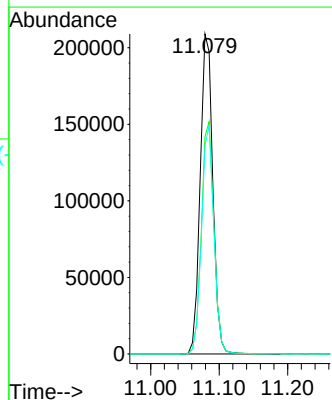
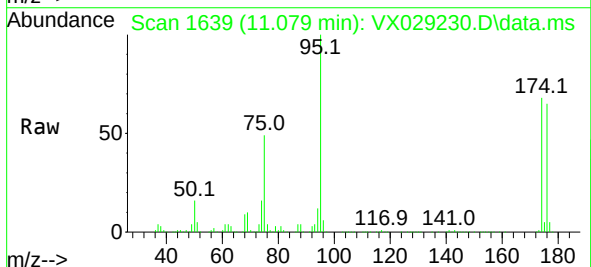
Instrument :
MSVOA_X
ClientSampleId :
VX0606WBL01

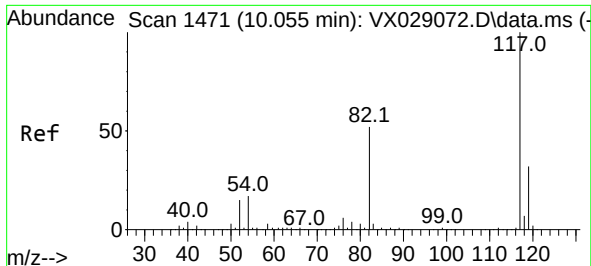
Tgt Ion: 98 Resp: 670125
Ion Ratio Lower Upper
98 100
100 67.4 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 50.330 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX029230.D
Acq: 06 Jun 2022 11:33

Tgt Ion: 95 Resp: 267466
Ion Ratio Lower Upper
95 100
174 72.3 0.0 163.0
176 70.3 0.0 155.0

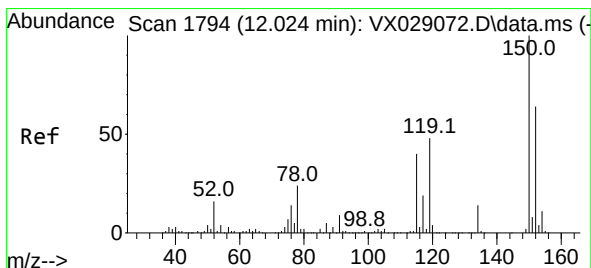
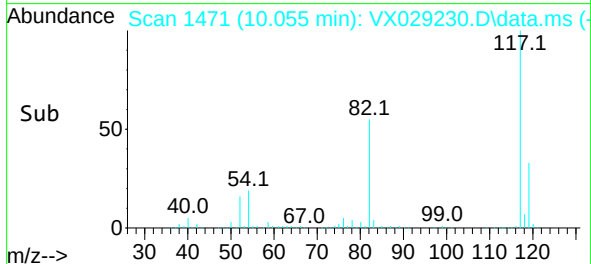
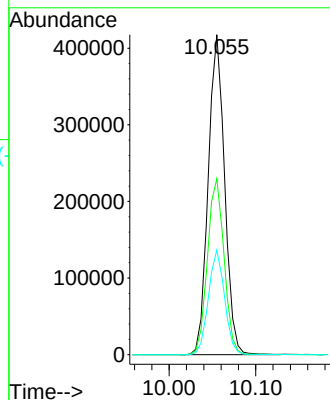
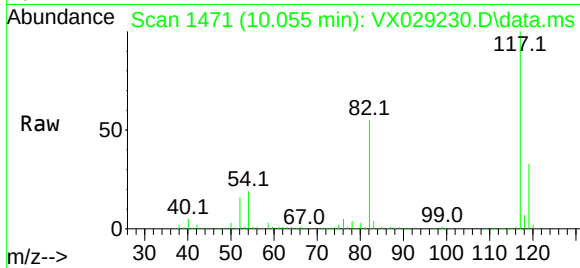




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029230.D
Acq: 06 Jun 2022 11:33

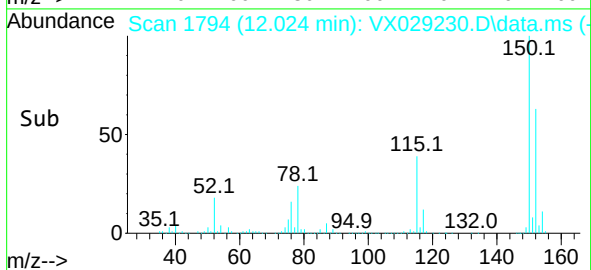
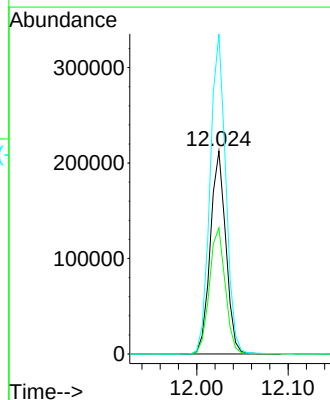
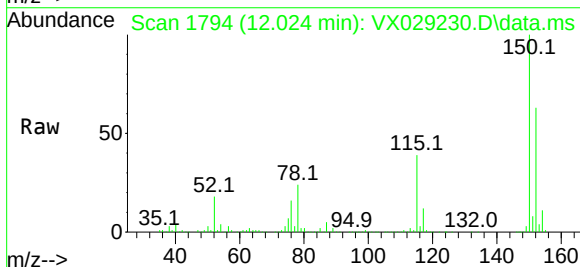
Instrument :
MSVOA_X
ClientSampleId :
VX0606WBL01

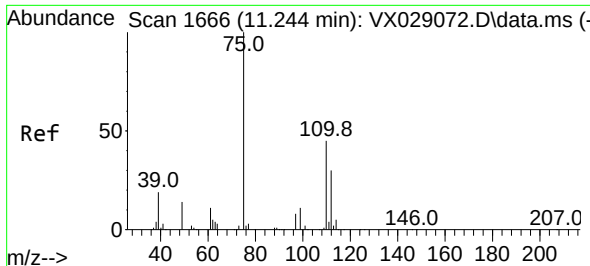
Tgt Ion:117 Resp: 549387
Ion Ratio Lower Upper
117 100
82 55.0 41.8 62.8
119 32.8 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX029230.D
Acq: 06 Jun 2022 11:33

Tgt Ion:152 Resp: 250051
Ion Ratio Lower Upper
152 100
115 63.6 37.5 112.7
150 159.2 0.0 338.2

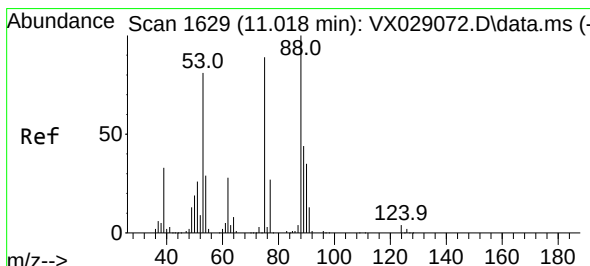
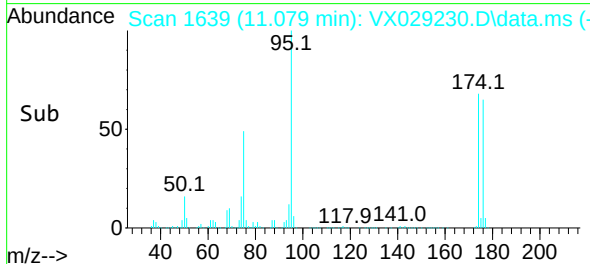
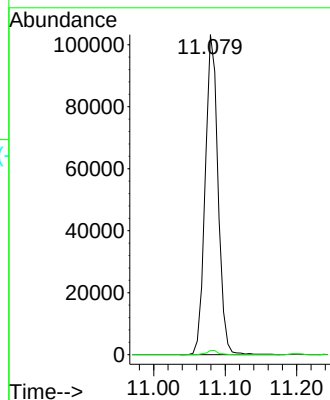
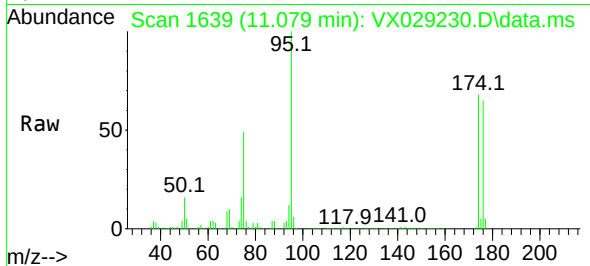




#76
1,2,3-Trichloropropane
Concen: 25.378 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX029230.D
Acq: 06 Jun 2022 11:33

Instrument :
MSVOA_X
ClientSampleId :
VX0606WBL01

Tgt Ion: 75 Resp: 128639
Ion Ratio Lower Upper
75 100
77 1.2 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 74.453 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX029230.D
Acq: 06 Jun 2022 11:33

Tgt Ion: 75 Resp: 128639
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.1 37.0 55.6#

