

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082322\
 Data File : VX030732.D
 Acq On : 23 Aug 2022 15:18
 Operator : JC/MD
 Sample : N4245-08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB01-20220816

Quant Time: Sep 06 02:54:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 24 16:33:27 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	125223	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	281231	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	248761	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	92895	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	152831	60.722	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 121.440%	
35) Dibromofluoromethane	5.391	113	145045	53.952	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 107.900%	
50) Toluene-d8	8.653	98	520404	49.984	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.960%	
62) 4-Bromofluorobenzene	11.085	95	172627	44.677	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 89.360%	

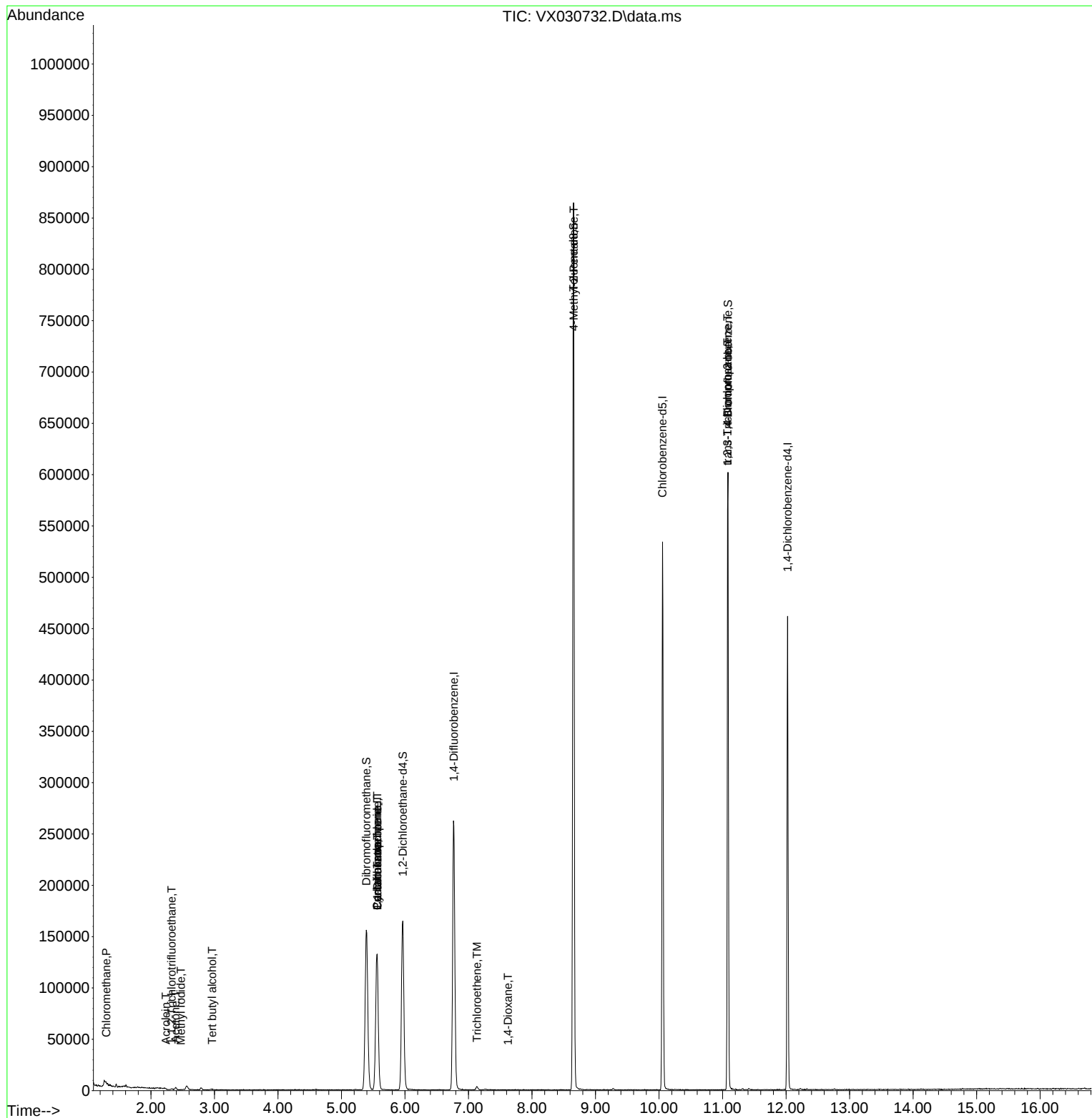
Target Compounds				Qvalue		
3) Chloromethane	1.294	50	718	0.353	ug/l	91
5) Bromomethane	1.624	94	279	Below Cal		95
9) 1,1,2-Trichlorotrifluo...	2.325	101	444	0.222	ug/l	98
10) Methyl Iodide	2.471	142	86	1.568	ug/l #	45
11) Tert butyl alcohol	2.965	59	320	0.521	ug/l #	74
13) Acrolein	2.233	56	53	0.351	ug/l #	1
16) Acetone	2.386	43	1972	1.530	ug/l	92
20) Methylene Chloride	2.782	84	956	Below Cal	#	68
31) Cyclohexane	5.562	56	2367	0.648	ug/l #	1
36) 1,1-Dichloropropene	5.562	75	10511	2.717	ug/l #	48
38) Carbon Tetrachloride	5.562	117	13423	3.716	ug/l #	17
44) Trichloroethene	7.135	130	1358	0.408	ug/l	80
49) 1,4-Dioxane	7.623	88	26	0.285	ug/l #	1
51) 4-Methyl-2-Pentanone	8.659	43	1798	0.330	ug/l #	1
67) Ethyl Benzene	10.195	91	78	Below Cal	#	43
76) 1,2,3-Trichloropropane	11.079	75	80129	32.724	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	80129	98.168	ug/l #	13

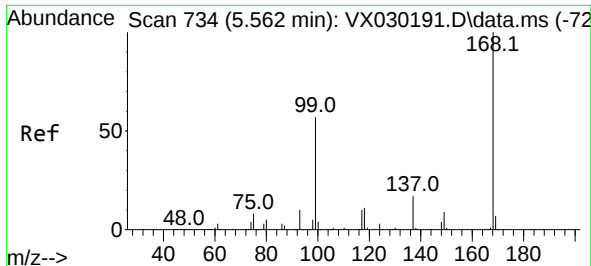
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082322\
Data File : VX030732.D
Acq On : 23 Aug 2022 15:18
Operator : JC/MD
Sample : N4245-08
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
TB01-20220816

Quant Time: Sep 06 02:54:11 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 24 16:33:27 2022
Response via : Initial Calibration

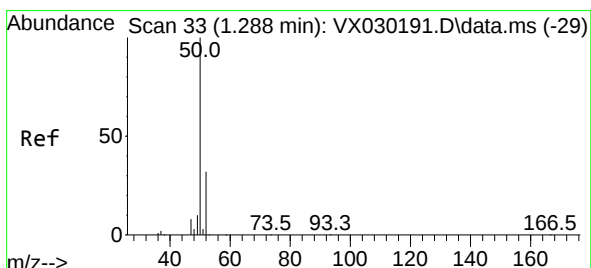
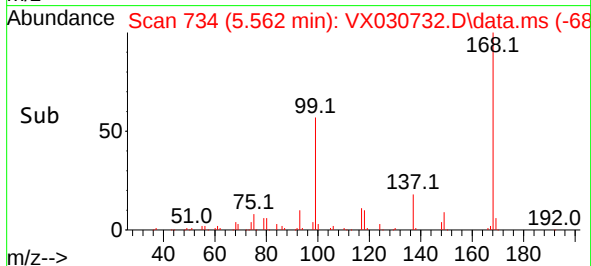
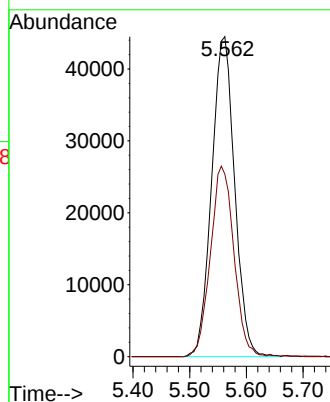
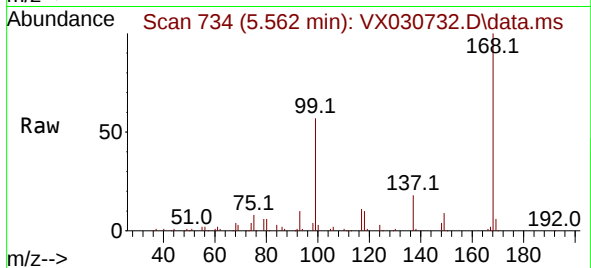




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX030732.D
Acq: 23 Aug 2022 15:18

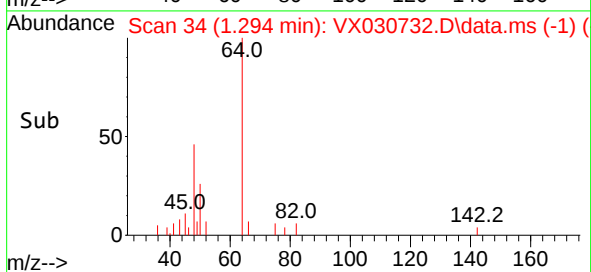
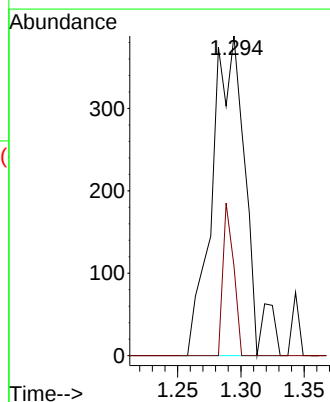
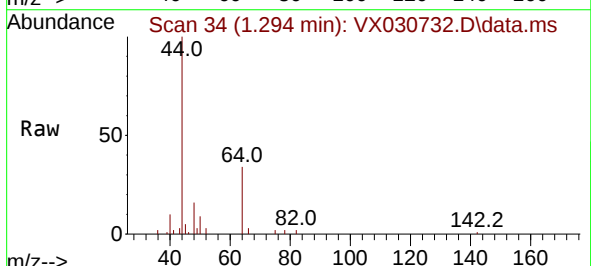
Instrument :
MSVOA_X
ClientSampleId :
TB01-20220816

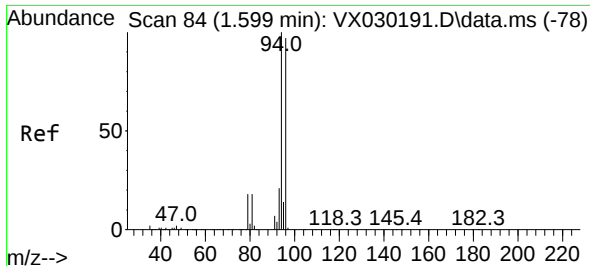
Tgt Ion:168 Resp: 125223
Ion Ratio Lower Upper
168 100
99 57.0 44.0 66.0



#3
Chloromethane
Concen: 0.353 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX030732.D
Acq: 23 Aug 2022 15:18

Tgt Ion: 50 Resp: 718
Ion Ratio Lower Upper
50 100
52 28.1 26.3 39.5

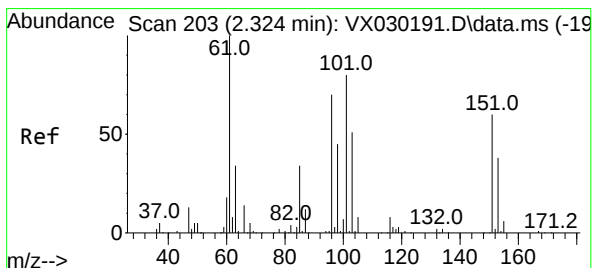
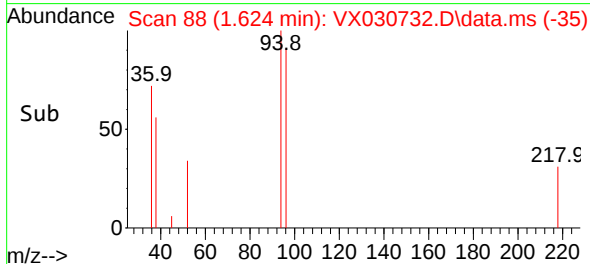
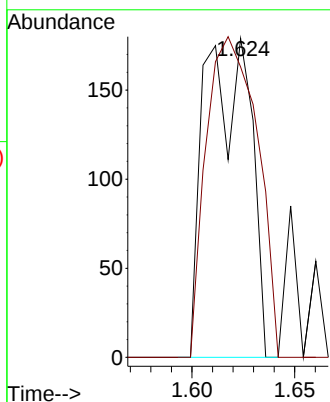
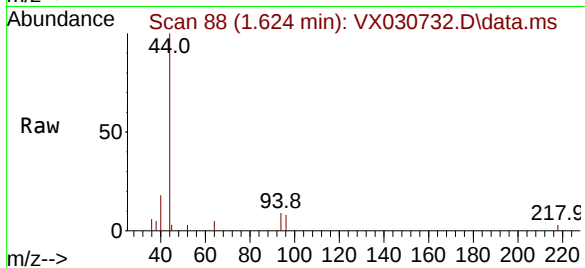




#5
Bromomethane
Concen: Below Cal
RT: 1.624 min Scan# 84
Delta R.T. 0.025 min
Lab File: VX030732.D
Acq: 23 Aug 2022 15:18

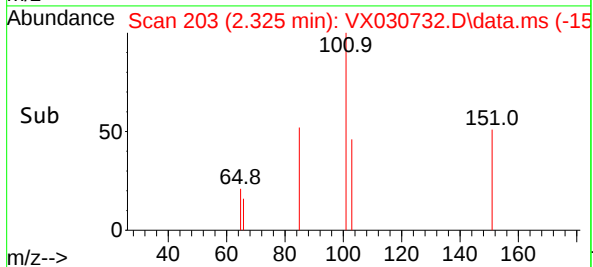
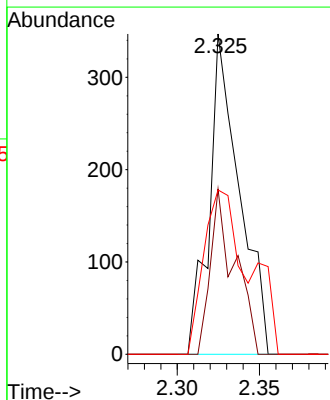
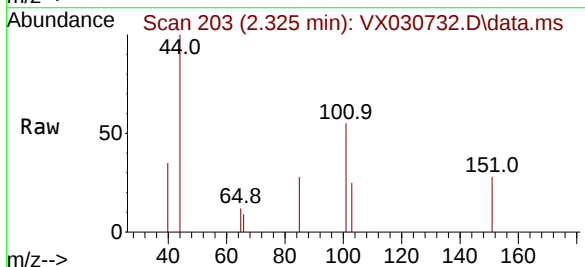
Instrument :
MSVOA_X
ClientSampleId :
TB01-20220816

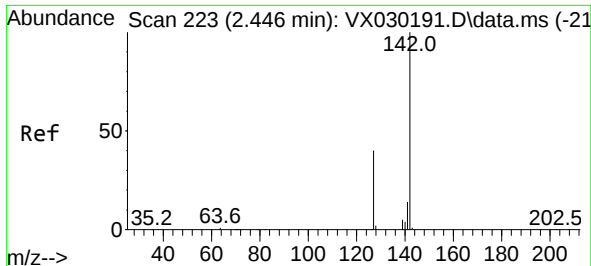
Tgt Ion: 94 Resp: 279
Ion Ratio Lower Upper
94 100
96 91.1 76.9 115.3



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.222 ug/l
RT: 2.325 min Scan# 203
Delta R.T. 0.001 min
Lab File: VX030732.D
Acq: 23 Aug 2022 15:18

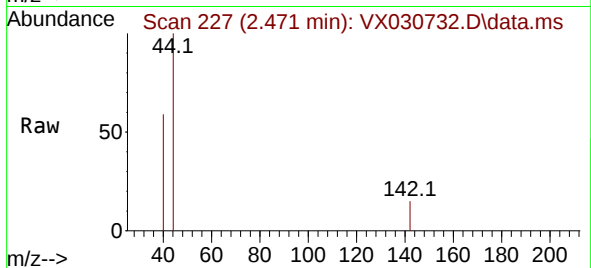
Tgt Ion: 101 Resp: 444
Ion Ratio Lower Upper
101 100
85 41.7 34.0 51.0
151 76.1 59.4 89.0



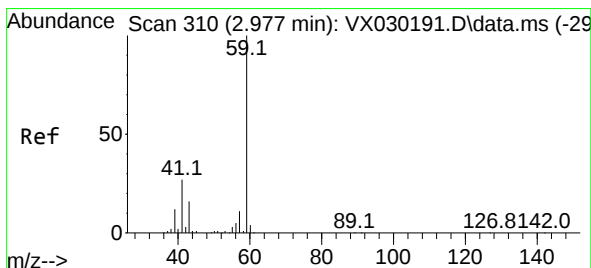
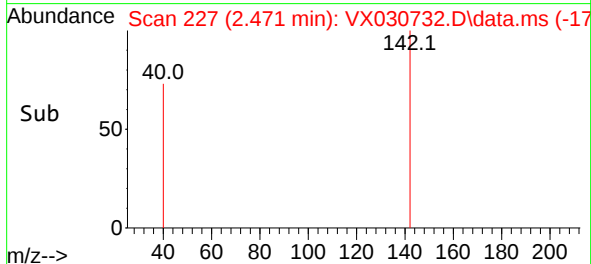
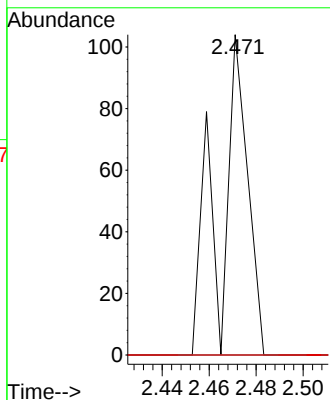


#10
Methyl Iodide
Concen: 1.568 ug/l
RT: 2.471 min Scan# 21
Delta R.T. 0.025 min
Lab File: VX030732.D
Acq: 23 Aug 2022 15:18

Instrument :
MSVOA_X
ClientSampleId :
TB01-20220816

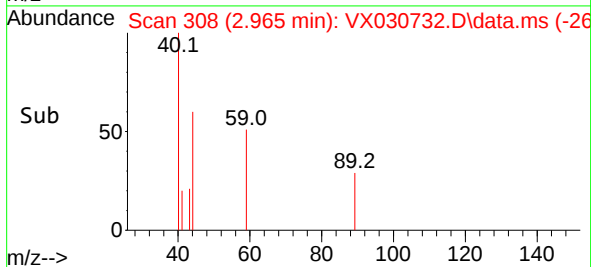
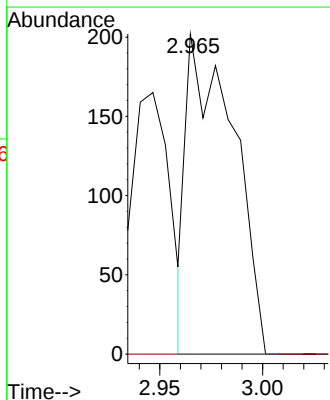
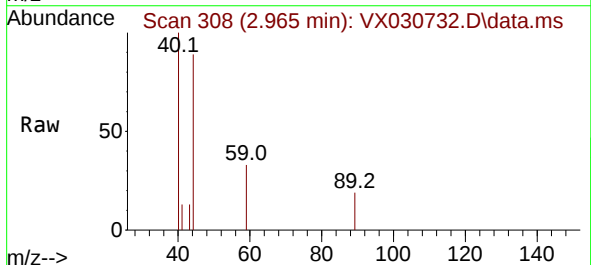


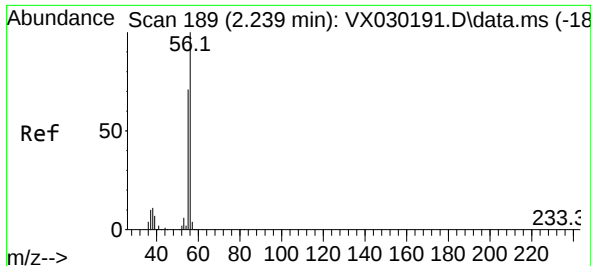
Tgt Ion:142 Resp: 86
Ion Ratio Lower Upper
142 100
127 0.0 30.2 45.2#
141 0.0 11.3 16.9#



#11
Tert butyl alcohol
Concen: 0.521 ug/l
RT: 2.965 min Scan# 308
Delta R.T. -0.012 min
Lab File: VX030732.D
Acq: 23 Aug 2022 15:18

Tgt Ion: 59 Resp: 320
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

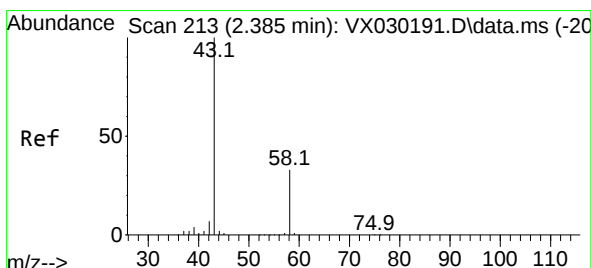
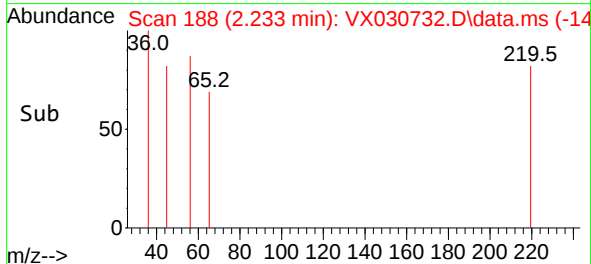
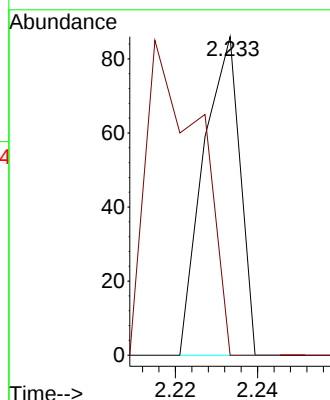
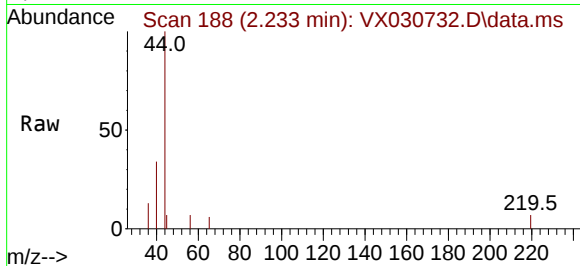




#13
Acrolein
Concen: 0.351 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX030732.D
Acq: 23 Aug 2022 15:18

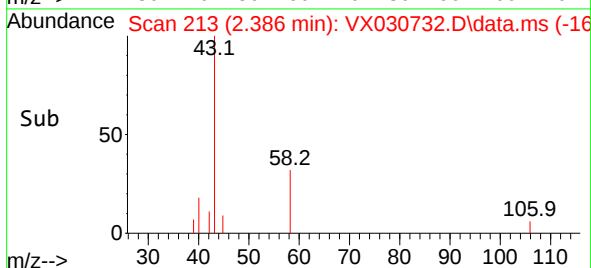
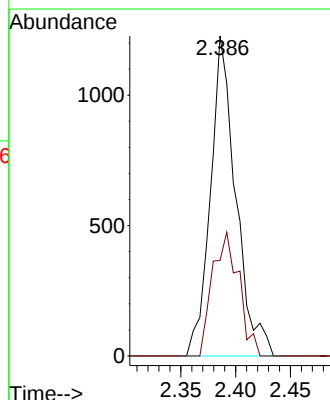
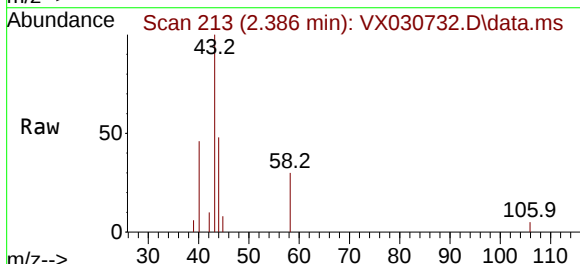
Instrument :
MSVOA_X
ClientSampleId :
TB01-20220816

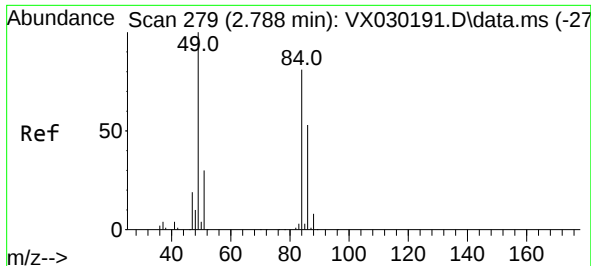
Tgt Ion: 56 Resp: 53
Ion Ratio Lower Upper
56 100
55 181.1 56.6 84.8#



#16
Acetone
Concen: 1.530 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.001 min
Lab File: VX030732.D
Acq: 23 Aug 2022 15:18

Tgt Ion: 43 Resp: 1972
Ion Ratio Lower Upper
43 100
58 29.8 27.7 41.5

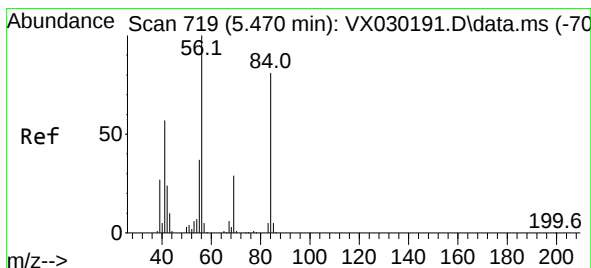
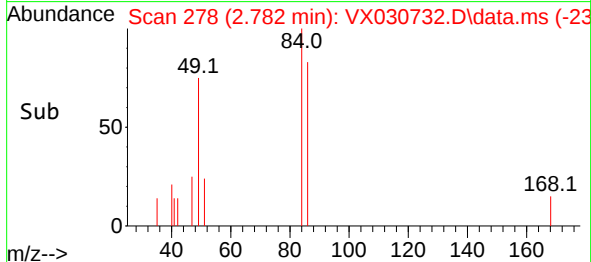
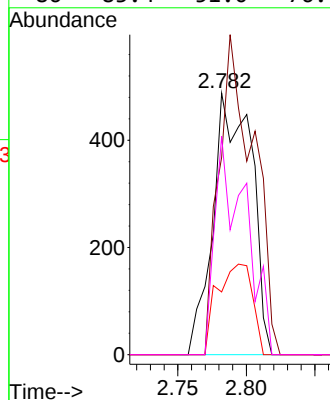
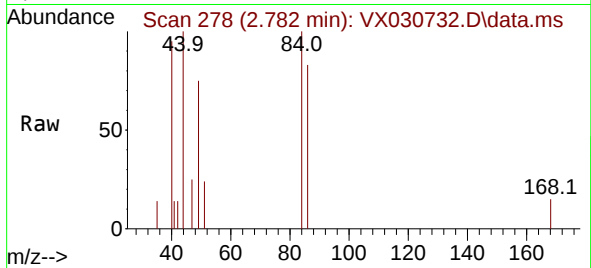




#20
Methylene Chloride
Concen: Below Cal
RT: 2.782 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX030732.D
Acq: 23 Aug 2022 15:18

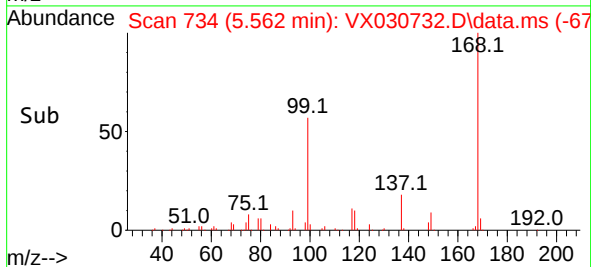
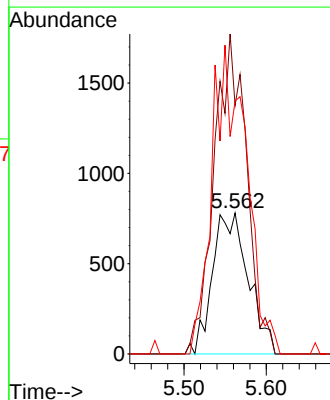
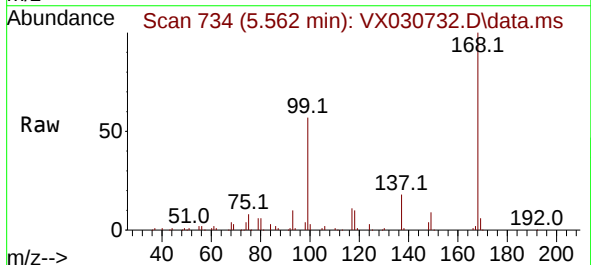
Instrument :
MSVOA_X
ClientSampleId :
TB01-20220816

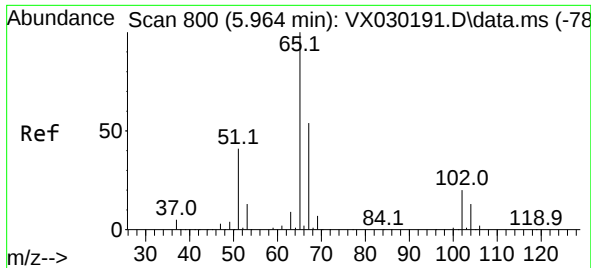
Tgt Ion:	84	Resp:	956
Ion	Ratio	Lower	Upper
84	100		
49	75.4	93.8	140.6#
51	24.0	29.4	44.0#
86	83.4	51.0	76.4#



#31
Cyclohexane
Concen: 0.648 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.092 min
Lab File: VX030732.D
Acq: 23 Aug 2022 15:18

Tgt Ion:	56	Resp:	2367
Ion	Ratio	Lower	Upper
56	100		
69	176.2	25.4	38.0#
84	179.4	68.9	103.3#

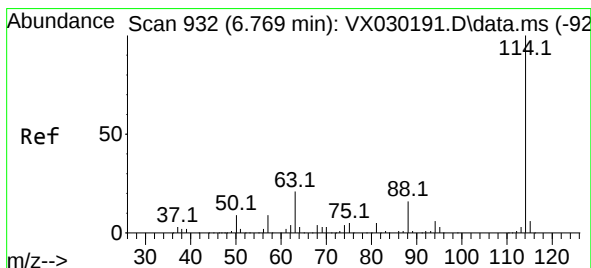
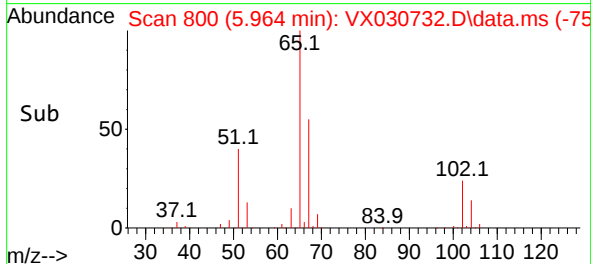
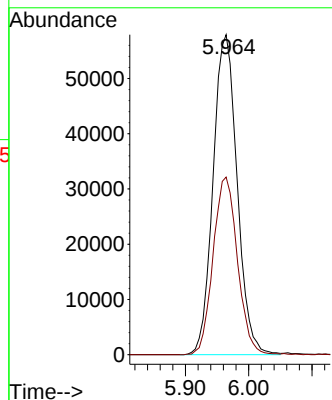
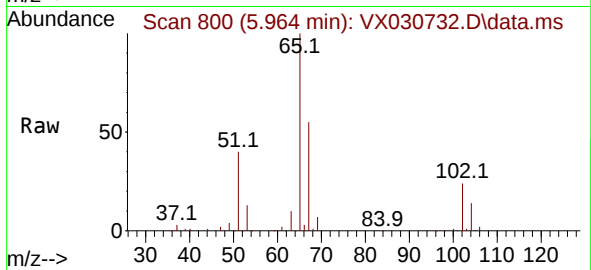




#33
 1,2-Dichloroethane-d4
 Concen: 60.722 ug/l
 RT: 5.964 min Scan# 800
 Delta R.T. 0.000 min
 Lab File: VX030732.D
 Acq: 23 Aug 2022 15:18

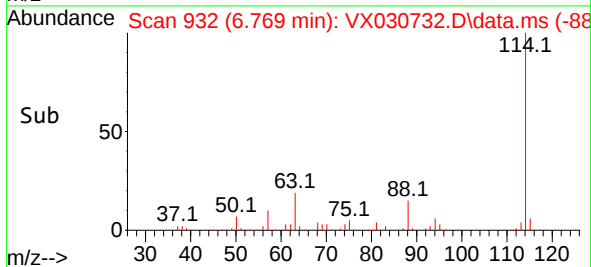
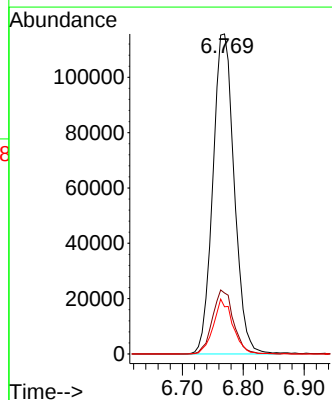
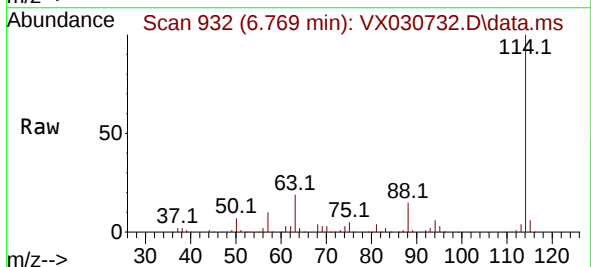
Instrument :
 MSVOA_X
 ClientSampleId :
 TB01-20220816

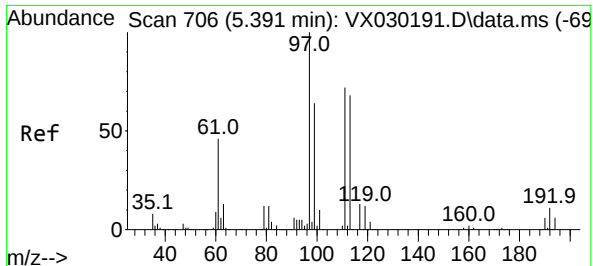
Tgt Ion: 65 Resp: 152831
 Ion Ratio Lower Upper
 65 100
 67 56.2 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.769 min Scan# 932
 Delta R.T. 0.000 min
 Lab File: VX030732.D
 Acq: 23 Aug 2022 15:18

Tgt Ion: 114 Resp: 281231
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 38.4
 88 14.8 0.0 31.8





#35

Dibromofluoromethane

Concen: 53.952 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX030732.D

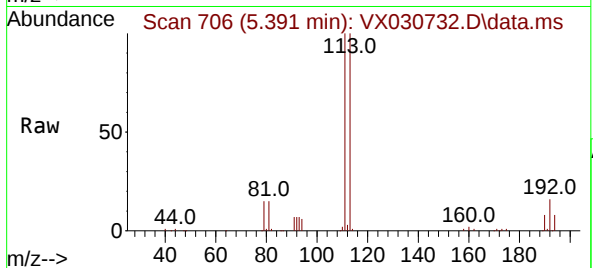
Acq: 23 Aug 2022 15:18

Instrument :

MSVOA_X

ClientSampleId :

TB01-20220816



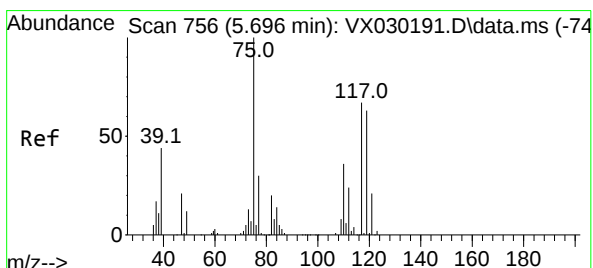
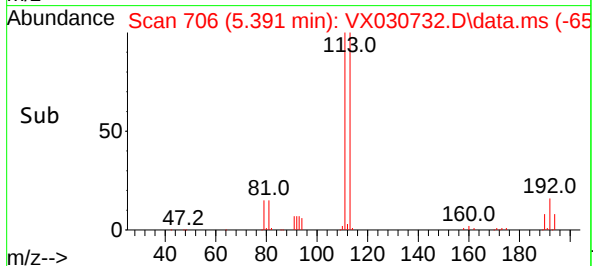
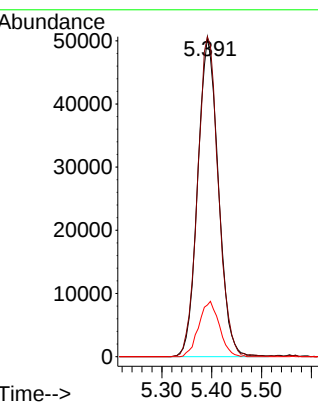
Tgt Ion:113 Resp: 145045

Ion Ratio Lower Upper

113 100

111 100.9 83.2 124.8

192 17.3 14.8 22.2



#36

1,1-Dichloropropene

Concen: 2.717 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.134 min

Lab File: VX030732.D

Acq: 23 Aug 2022 15:18

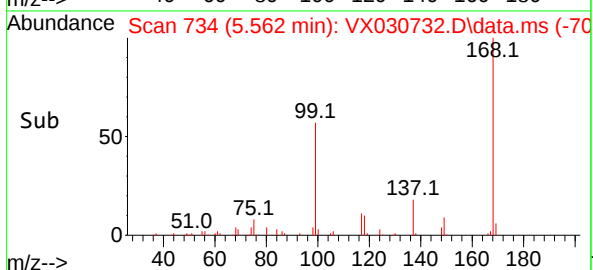
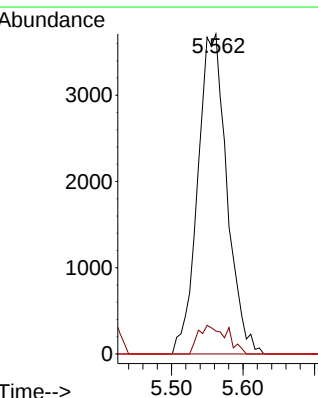
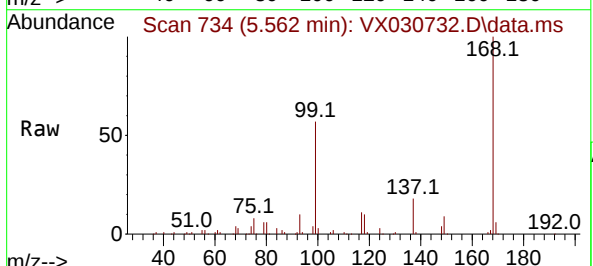
Tgt Ion: 75 Resp: 10511

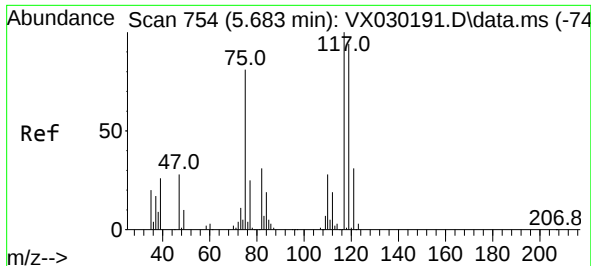
Ion Ratio Lower Upper

75 100

110 8.8 19.3 57.9#

77 0.0 24.4 36.6#

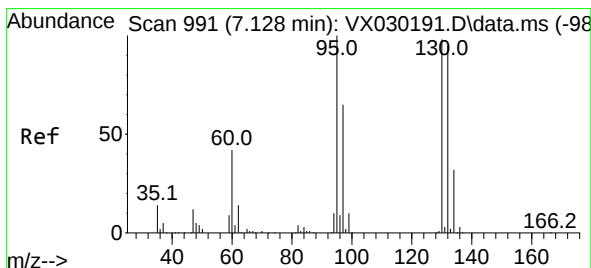
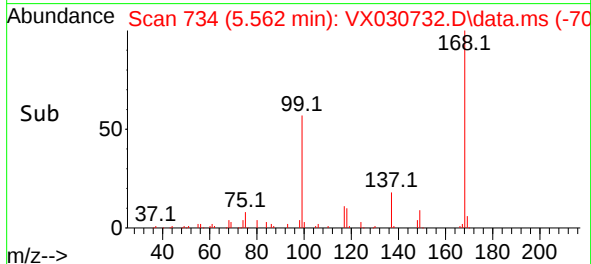
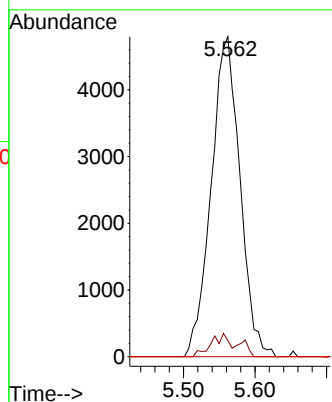
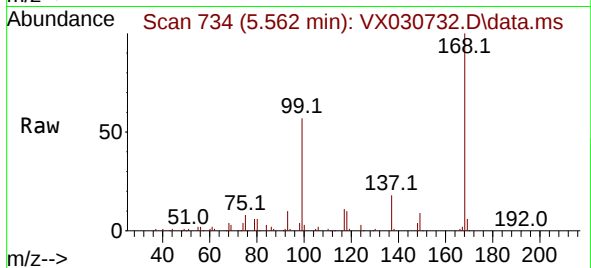




#38
Carbon Tetrachloride
Concen: 3.716 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.121 min
Lab File: VX030732.D
Acq: 23 Aug 2022 15:18

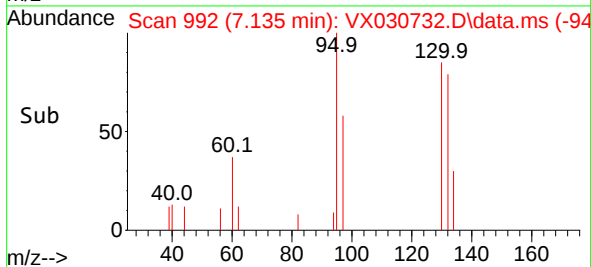
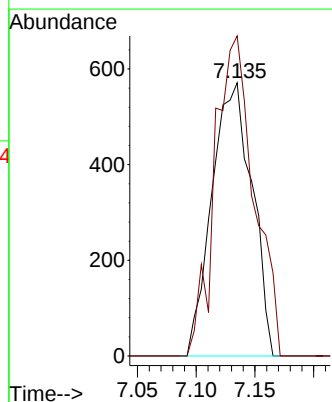
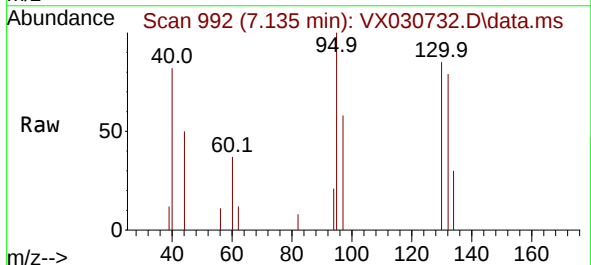
Instrument :
MSVOA_X
ClientSampleId :
TB01-20220816

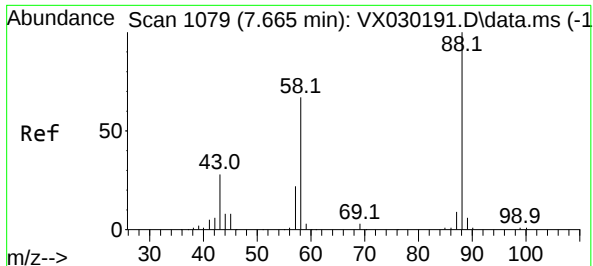
Tgt Ion:117 Resp: 13423
Ion Ratio Lower Upper
117 100
119 5.0 74.1 111.1#
121 0.0 25.8 38.8#



#44
Trichloroethene
Concen: 0.408 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.007 min
Lab File: VX030732.D
Acq: 23 Aug 2022 15:18

Tgt Ion:130 Resp: 1358
Ion Ratio Lower Upper
130 100
95 117.2 0.0 194.8





#49

1,4-Dioxane

Concen: 0.285 ug/l

RT: 7.623 min Scan# 1072

Delta R.T. -0.042 min

Lab File: VX030732.D

Acq: 23 Aug 2022 15:18

Instrument :

MSVOA_X

ClientSampleId :

TB01-20220816

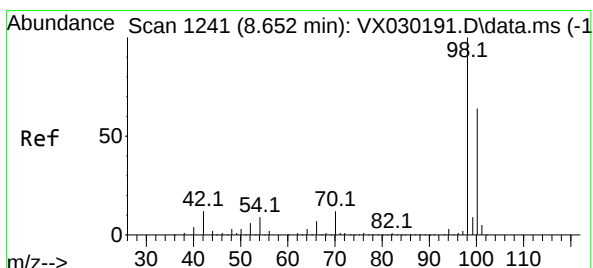
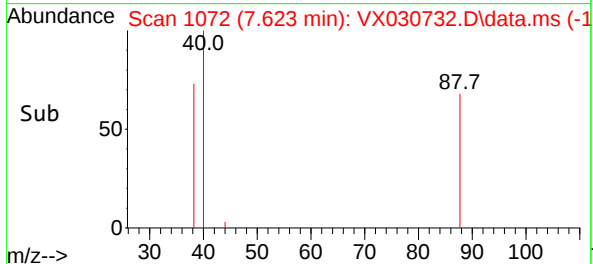
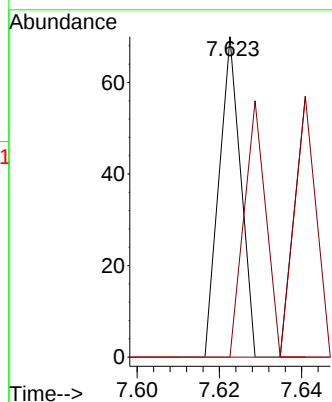
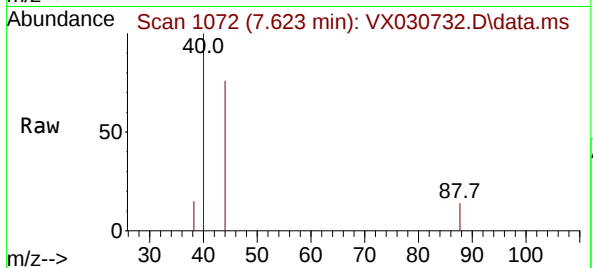
Tgt Ion: 88 Resp: 26

Ion Ratio Lower Upper

88 100

43 157.7 23.8 35.8#

58 0.0 53.8 80.6#



#50

Toluene-d8

Concen: 49.984 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.001 min

Lab File: VX030732.D

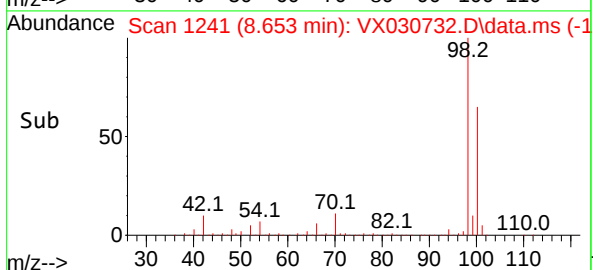
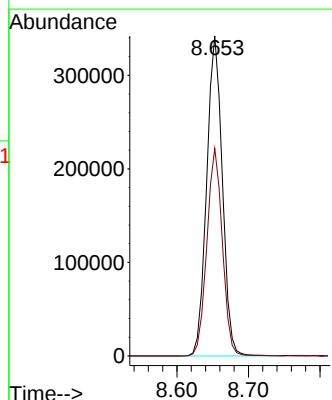
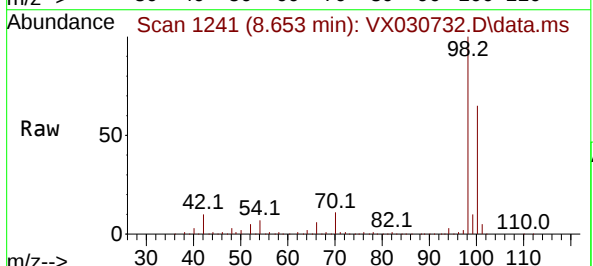
Acq: 23 Aug 2022 15:18

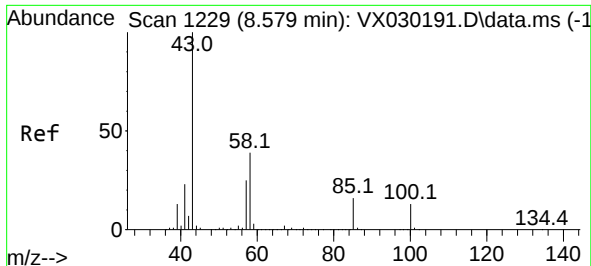
Tgt Ion: 98 Resp: 520404

Ion Ratio Lower Upper

98 100

100 64.1 52.3 78.5

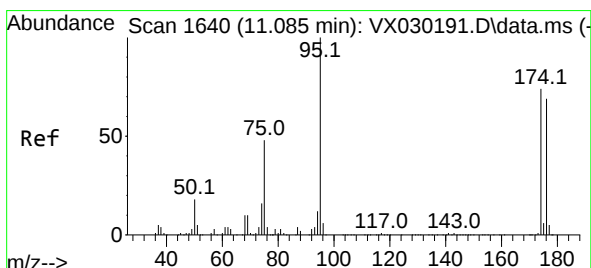
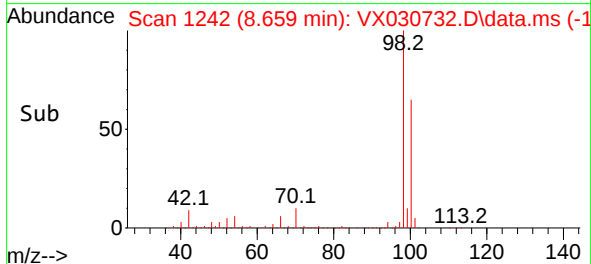
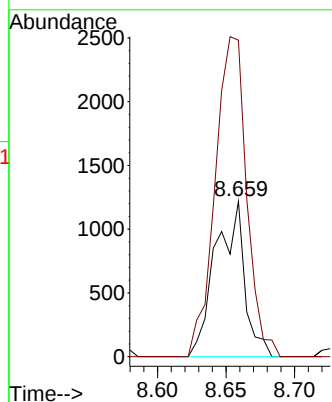
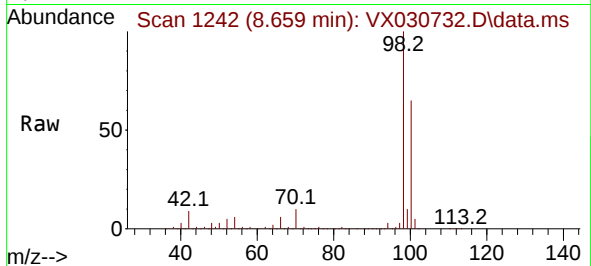




#51
4-Methyl-2-Pentanone
Concen: 0.330 ug/l
RT: 8.659 min Scan# 11
Delta R.T. 0.080 min
Lab File: VX030732.D
Acq: 23 Aug 2022 15:18

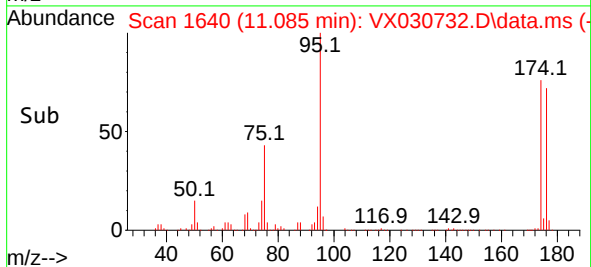
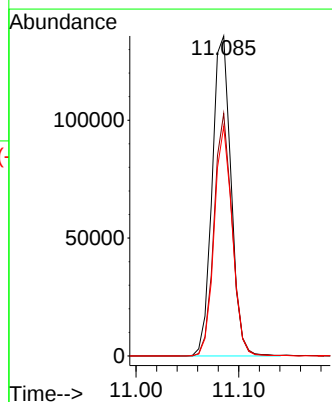
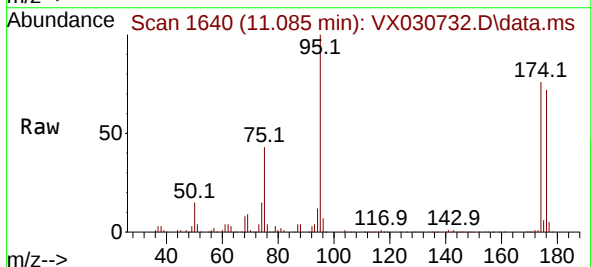
Instrument :
MSVOA_X
ClientSampleId :
TB01-20220816

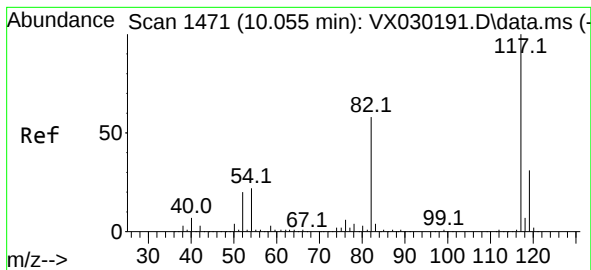
Tgt Ion: 43 Resp: 1798
Ion Ratio Lower Upper
43 100
58 223.5 31.4 47.2#



#62
4-Bromofluorobenzene
Concen: 44.677 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX030732.D
Acq: 23 Aug 2022 15:18

Tgt Ion: 95 Resp: 172627
Ion Ratio Lower Upper
95 100
174 72.7 0.0 149.0
176 68.9 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: VX030732.D

Acq: 23 Aug 2022 15:18

Instrument :

MSVOA_X

ClientSampleId :

TB01-20220816

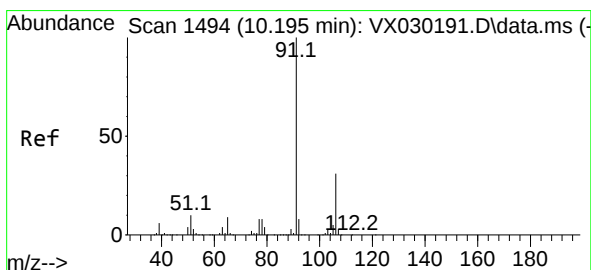
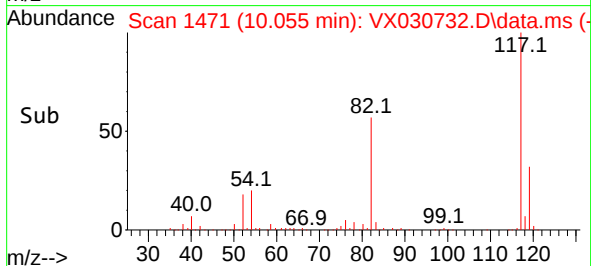
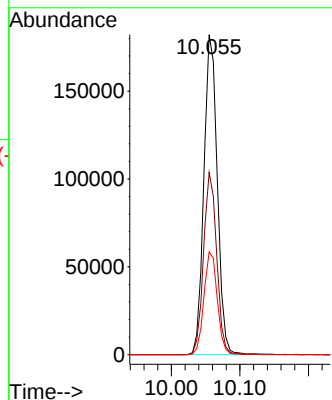
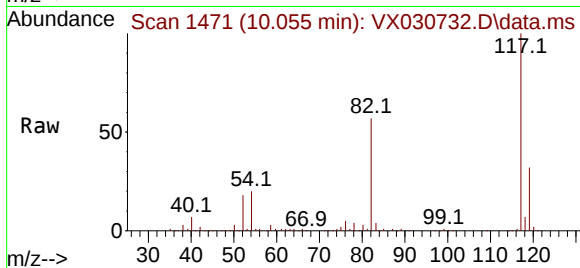
Tgt Ion:117 Resp: 248761

Ion Ratio Lower Upper

117 100

82 57.0 42.7 64.1

119 32.1 25.4 38.2



#67

Ethyl Benzene

Concen: Below Cal

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX030732.D

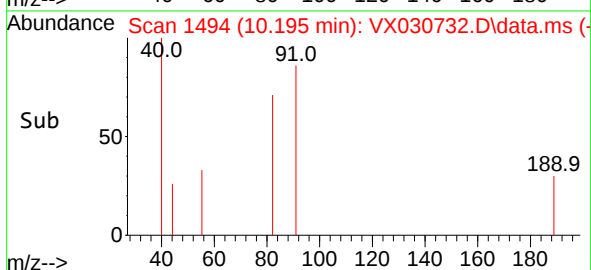
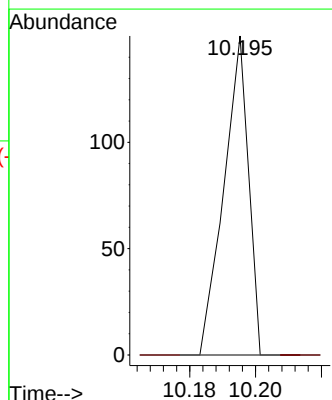
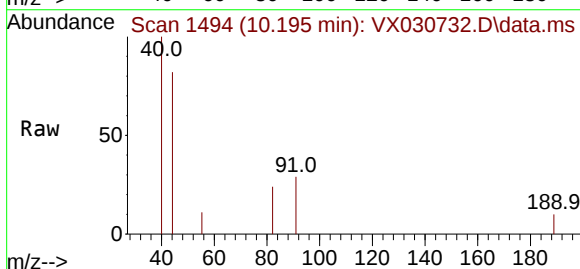
Acq: 23 Aug 2022 15:18

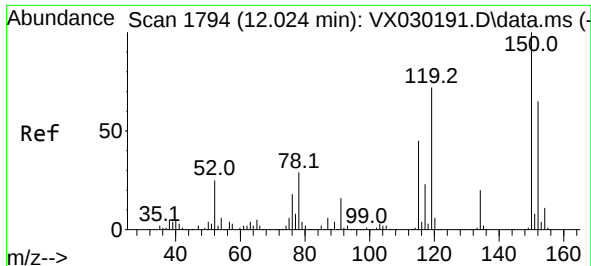
Tgt Ion: 91 Resp: 78

Ion Ratio Lower Upper

91 100

106 0.0 25.5 38.3#

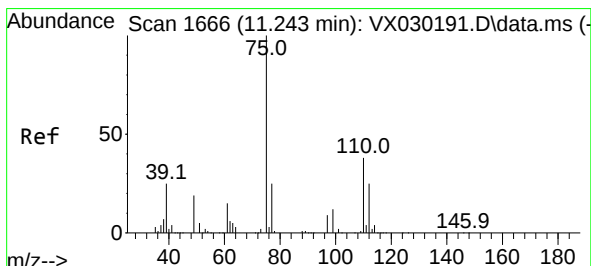
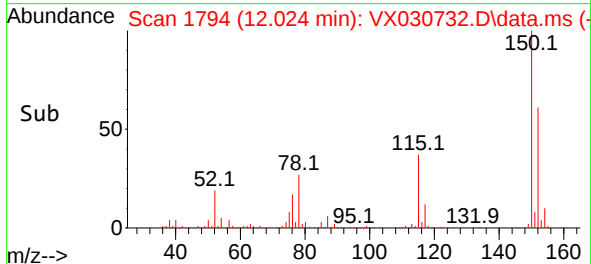
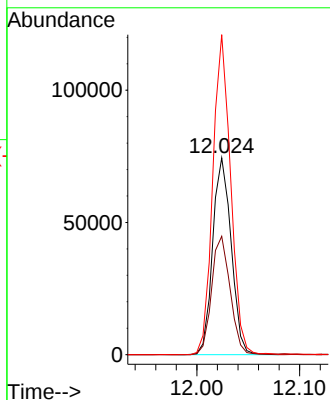
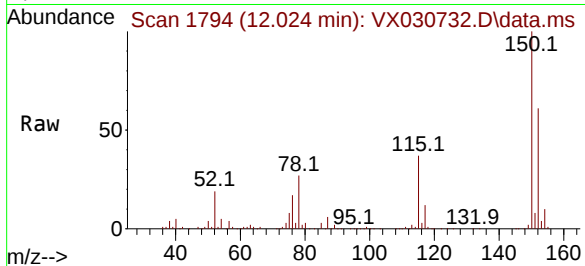




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX030732.D
Acq: 23 Aug 2022 15:18

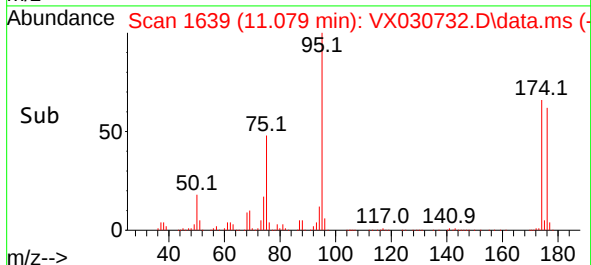
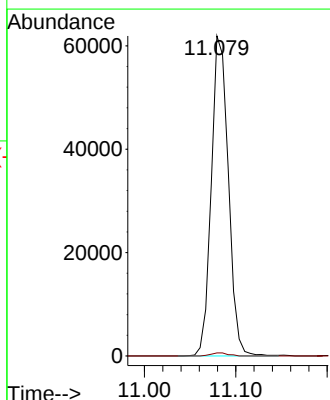
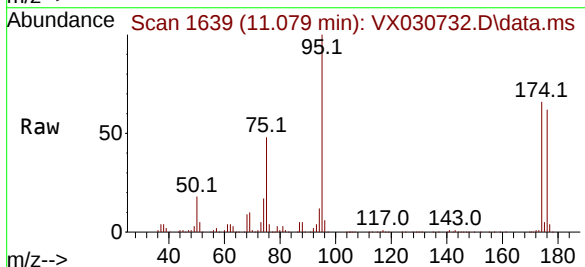
Instrument :
MSVOA_X
ClientSampleId :
TB01-20220816

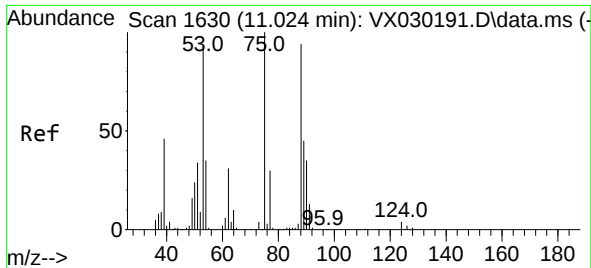
Tgt Ion:152 Resp: 92895
Ion Ratio Lower Upper
152 100
115 60.3 40.5 121.5
150 157.1 0.0 347.0



#76
1,2,3-Trichloropropane
Concen: 32.724 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.164 min
Lab File: VX030732.D
Acq: 23 Aug 2022 15:18

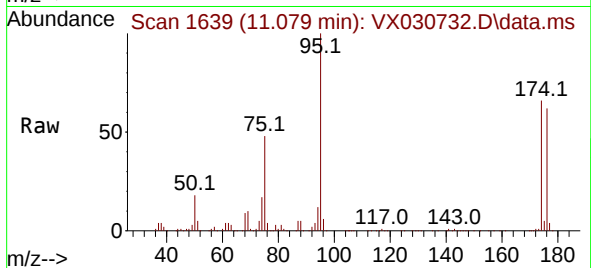
Tgt Ion: 75 Resp: 80129
Ion Ratio Lower Upper
75 100
77 1.0 19.8 59.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 98.168 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.055 min
 Lab File: VX030732.D
 Acq: 23 Aug 2022 15:18

Instrument :
 MSVOA_X
 ClientSampleId :
 TB01-20220816



Tgt Ion: 75 Resp: 80129
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.2 111.4#
 89 0.1 34.8 52.2#

