

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091321\
 Data File : VX024192.D
 Acq On : 13 Sep 2021 18:22
 Operator : JC/MD
 Sample : M3709-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 250EM-DISPOSAL-1

Quant Time: Sep 14 05:25:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091321W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 13 12:27:19 2021
 Response via : Initial Calibration

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

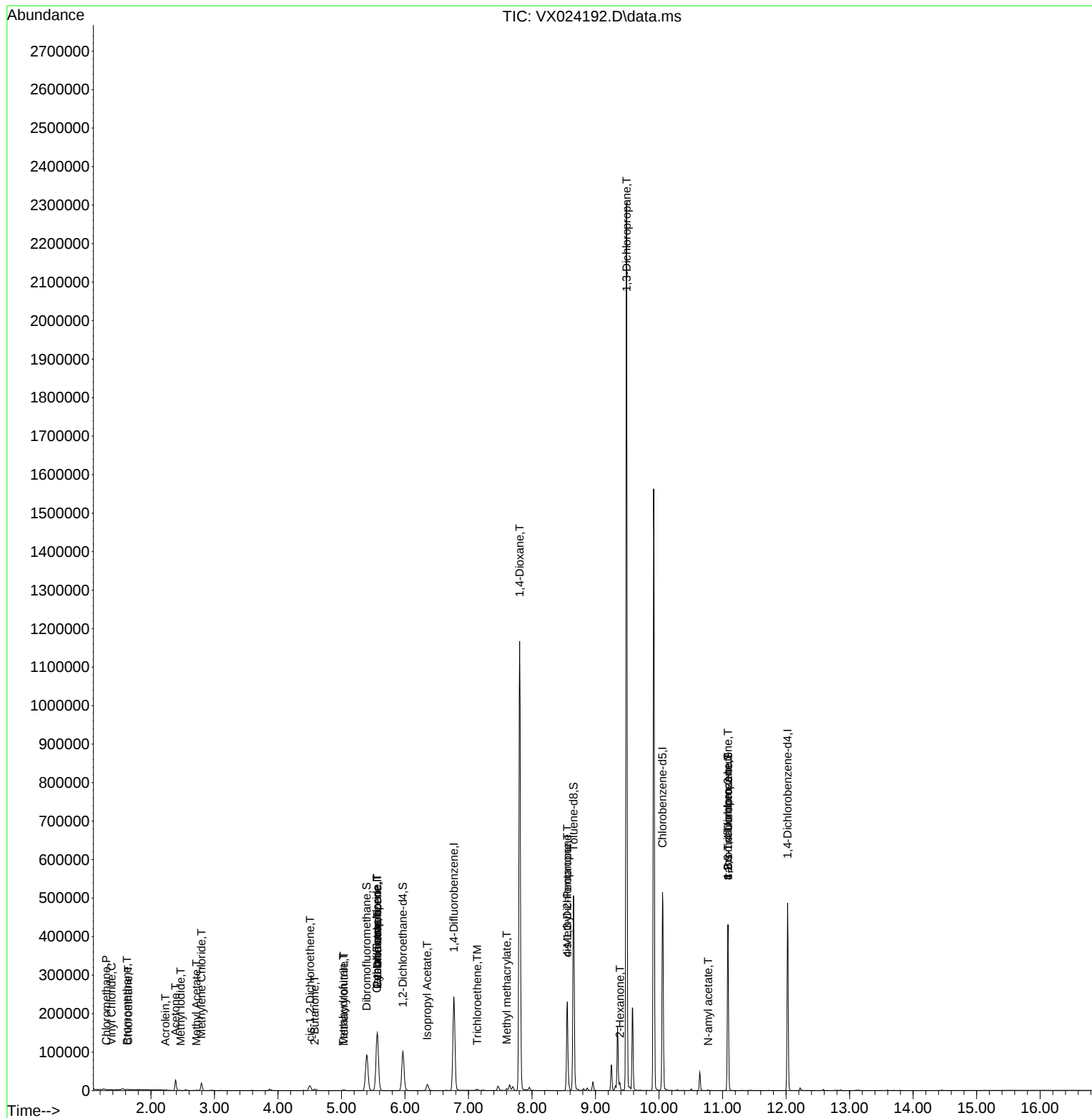
Internal Standards						
1) Pentafluorobenzene	5.562	168	136923	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	234374	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	228439	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	98673	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	101630	52.539	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.080%			
35) Dibromofluoromethane	5.397	113	77979	48.626	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.260%			
50) Toluene-d8	8.653	98	291554	50.057	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.120%			
62) 4-Bromofluorobenzene	11.085	95	107830	48.011	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 96.020%			
Target Compounds						Qvalue
3) Chloromethane	1.295	50	182	0.792	ug/l #	71
4) Vinyl Chloride	1.380	62	535	0.410	ug/l	93
5) Bromomethane	1.624	94	403	0.534	ug/l	99
6) Chloroethane	1.642	64	219	0.253	ug/l #	43
10) Methyl Iodide	2.465	142	540	0.318	ug/l #	77
11) Tert butyl alcohol	2.953	59	1028	Below Cal	#	73
13) Acrolein	2.227	56	93	0.588	ug/l	90
16) Acetone	2.386	43	27434	27.919	ug/l	92
18) Methyl Acetate	2.715	43	1505	0.699	ug/l	89
20) Methylene Chloride	2.794	84	8178	6.456	ug/l	96
25) 2-Butanone	4.574	43	5002	4.127	ug/l	96
27) cis-1,2-Dichloroethene	4.507	96	7923	4.962	ug/l	89
29) Tetrahydrofuran	5.026	42	1272	1.667	ug/l #	56
31) Cyclohexane	5.562	56	3026	1.403	ug/l #	19
36) 1,1-Dichloropropene	5.562	75	10683	4.939	ug/l #	49
38) Carbon Tetrachloride	5.556	117	14995	6.334	ug/l #	16
41) Methacrylonitrile	5.038	41	1016	0.775	ug/l #	32
43) Isopropyl Acetate	6.348	43	21116	5.286	ug/l	94
44) Trichloroethene	7.135	130	1069	0.621	ug/l	82
48) Methyl methacrylate	7.604	41	7056	3.717	ug/l #	10
49) 1,4-Dioxane	7.806	88	182	4.205	ug/l #	1
51) 4-Methyl-2-Pentanone	8.555	43	82621	32.761	ug/l #	44
54) cis-1,3-Dichloropropene	8.555	75	34788	13.393	ug/l #	69
57) 1,3-Dichloropropane	9.488	76	18774	6.780	ug/l #	42
59) 2-Hexanone	9.385	43	9108	4.614	ug/l #	19
74) N-amyl acetate	10.775	43	800	0.259	ug/l #	44
76) 1,2,3-Trichloropropane	11.085	75	58768	26.419	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	58768	77.996	ug/l #	12

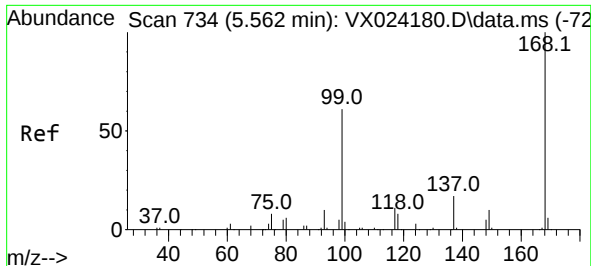
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091321\
Data File : VX024192.D
Acq On : 13 Sep 2021 18:22
Operator : JC/MD
Sample : M3709-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
250EM-DISPOSAL-1

Quant Time: Sep 14 05:25:55 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091321W.M
Quant Title : SW846 8260
QLast Update : Mon Sep 13 12:27:19 2021
Response via : Initial Calibration

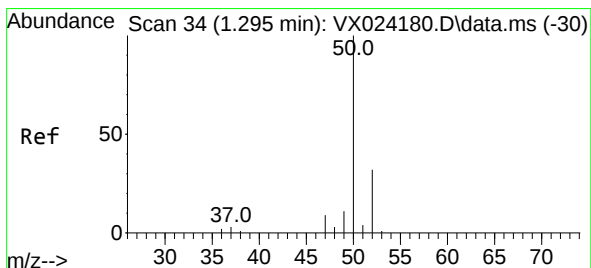
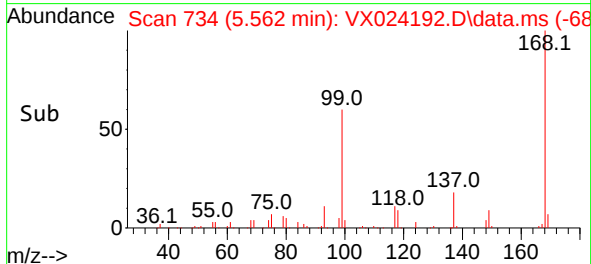
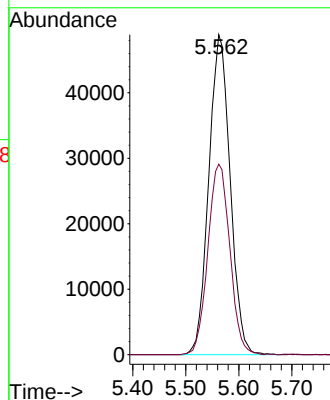
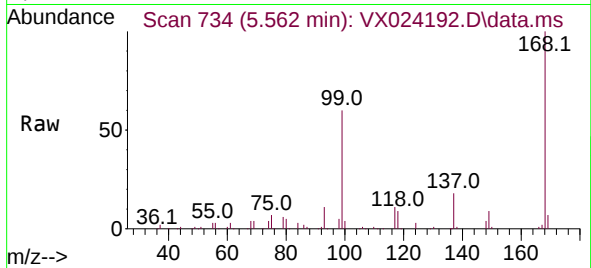




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX024192.D
Acq: 13 Sep 2021 18:22

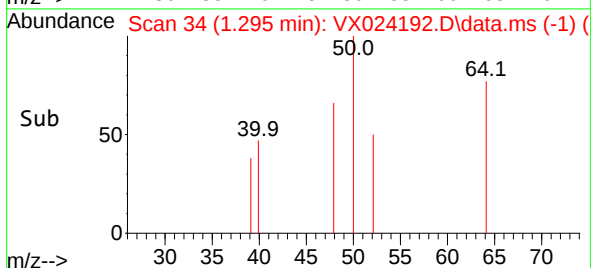
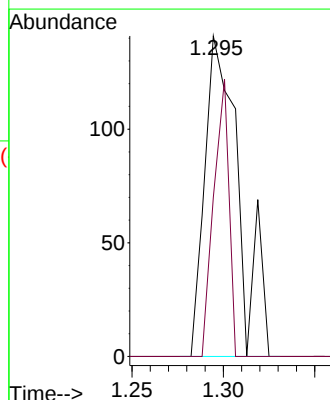
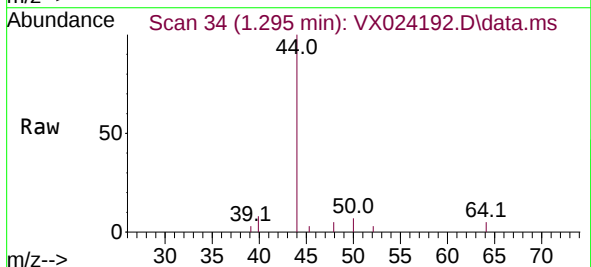
Instrument :
MSVOA_X
ClientSampleId :
250EM-DISPOSAL-1

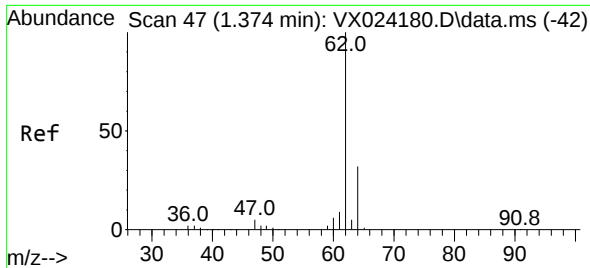
Tgt Ion:168 Resp: 136923
Ion Ratio Lower Upper
168 100
99 59.6 45.8 68.6



#3
Chloromethane
Concen: 0.792 ug/l
RT: 1.295 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX024192.D
Acq: 13 Sep 2021 18:22

Tgt Ion: 50 Resp: 182
Ion Ratio Lower Upper
50 100
52 49.6 26.4 39.6#

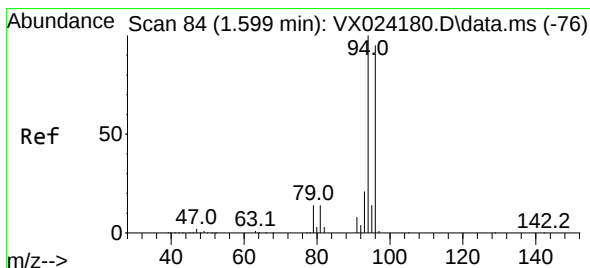
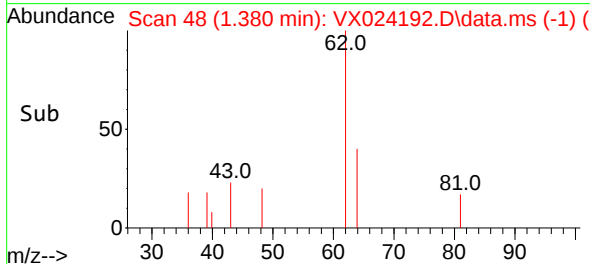
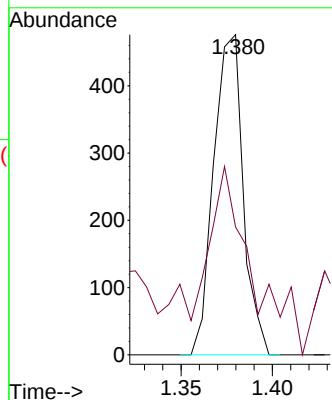
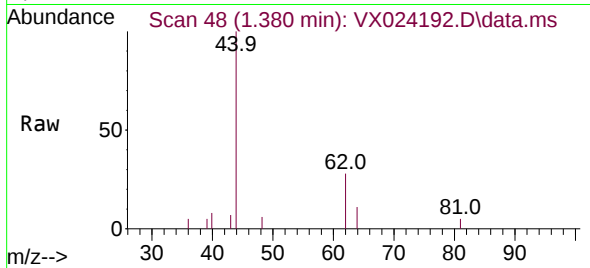




#4
 Vinyl Chloride
 Concen: 0.410 ug/l
 RT: 1.380 min Scan# 48
 Delta R.T. 0.006 min
 Lab File: VX024192.D
 Acq: 13 Sep 2021 18:22

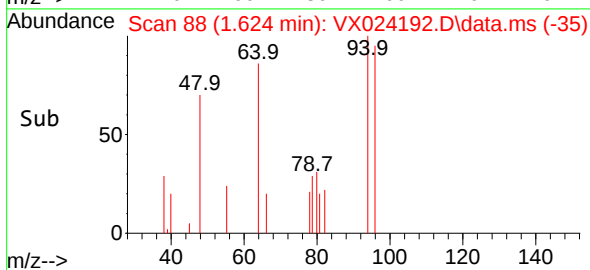
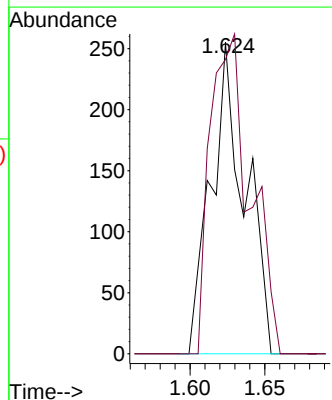
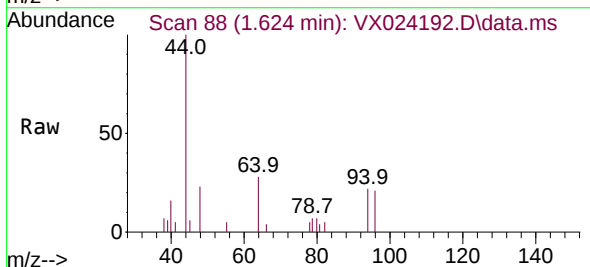
Instrument :
 MSVOA_X
 ClientSampleId :
 250EM-DISPOSAL-1

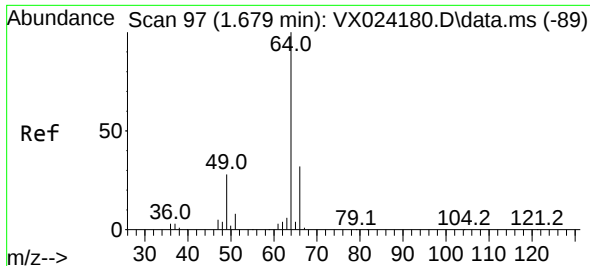
Tgt Ion: 62 Resp: 535
 Ion Ratio Lower Upper
 62 100
 64 28.2 25.7 38.5



#5
 Bromomethane
 Concen: 0.534 ug/l
 RT: 1.624 min Scan# 88
 Delta R.T. 0.025 min
 Lab File: VX024192.D
 Acq: 13 Sep 2021 18:22

Tgt Ion: 94 Resp: 403
 Ion Ratio Lower Upper
 94 100
 96 94.5 76.4 114.6

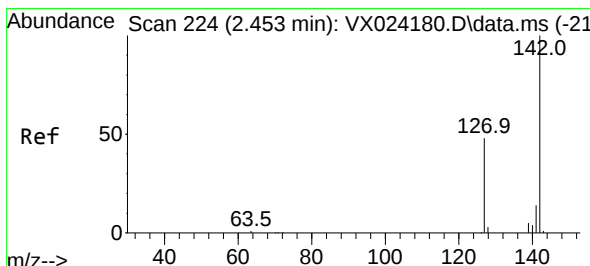
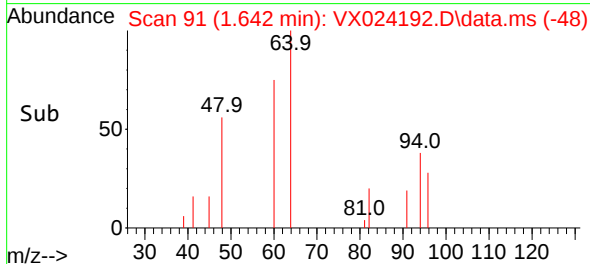
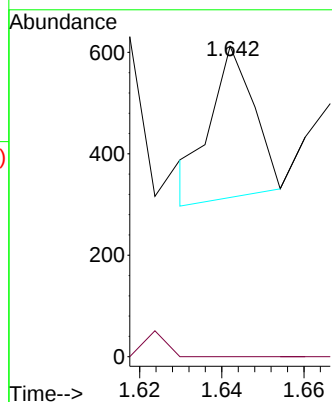
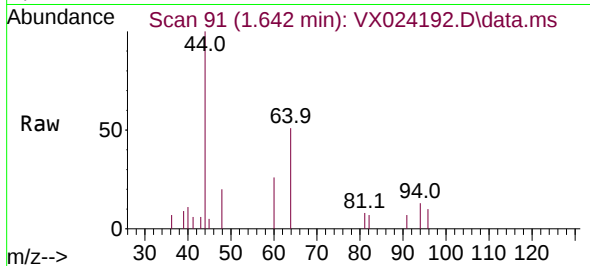




#6
Chloroethane
Concen: 0.253 ug/l
RT: 1.642 min Scan# 91
Delta R.T. -0.037 min
Lab File: VX024192.D
Acq: 13 Sep 2021 18:22

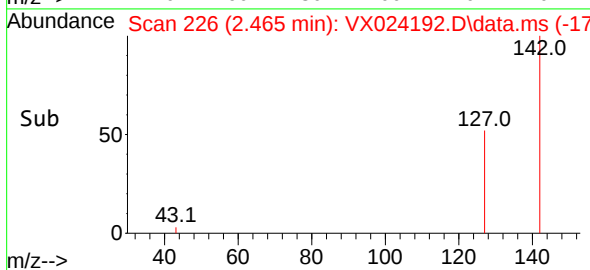
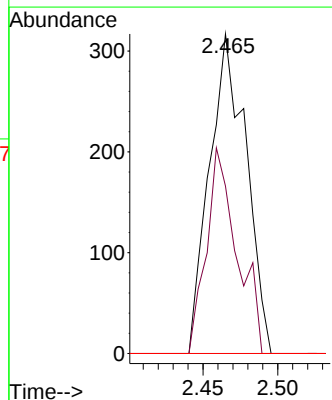
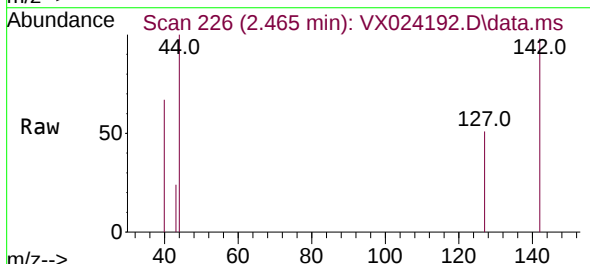
Instrument :
MSVOA_X
ClientSampleId :
250EM-DISPOSAL-1

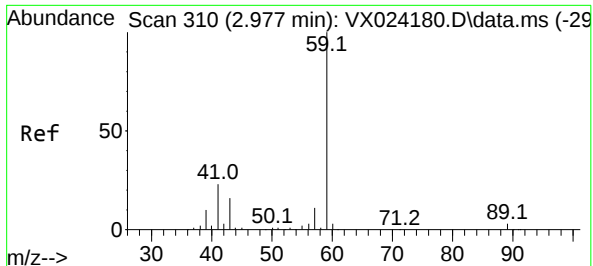
Tgt Ion: 64 Resp: 219
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#10
Methyl Iodide
Concen: 0.318 ug/l
RT: 2.465 min Scan# 226
Delta R.T. 0.012 min
Lab File: VX024192.D
Acq: 13 Sep 2021 18:22

Tgt Ion: 142 Resp: 540
Ion Ratio Lower Upper
142 100
127 53.7 33.3 49.9#
141 0.0 11.4 17.0#



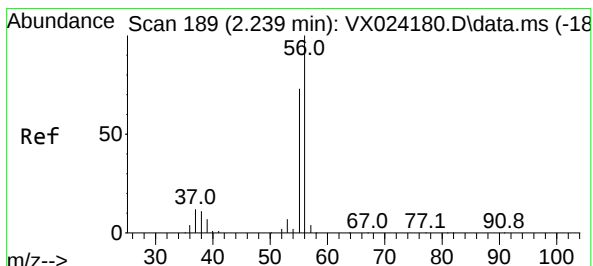
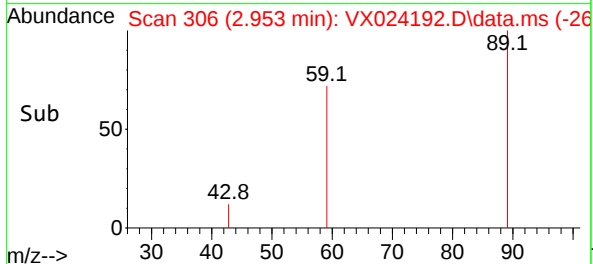
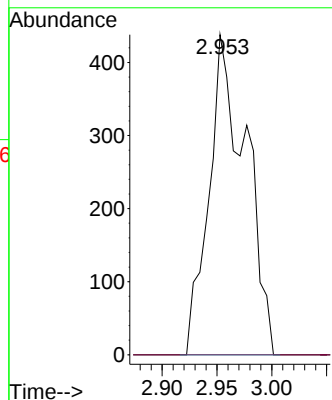
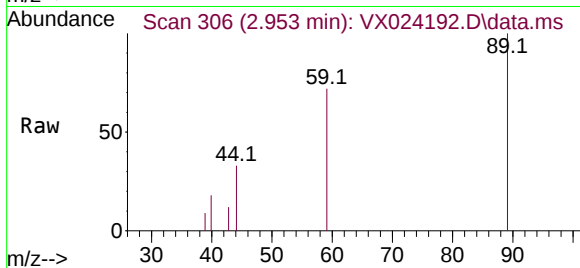


#11

Tert butyl alcohol
Concen: Below Cal
RT: 2.953 min Scan# 306
Delta R.T. -0.024 min
Lab File: VX024192.D
Acq: 13 Sep 2021 18:22

Instrument :
MSVOA_X
ClientSampleId :
250EM-DISPOSAL-1

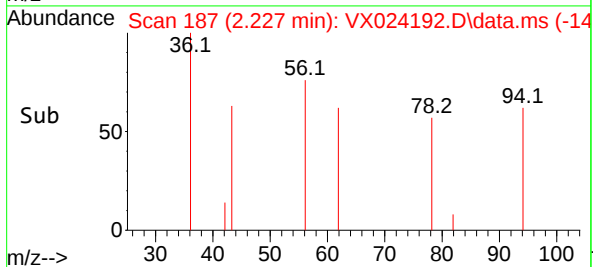
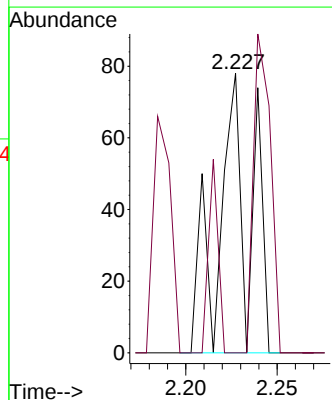
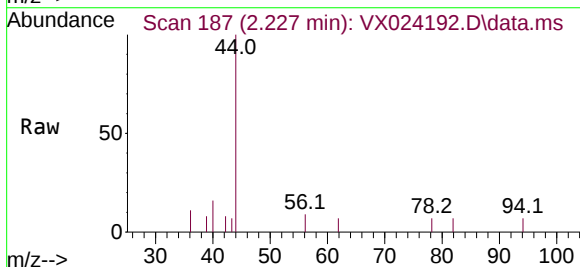
Tgt Ion: 59 Resp: 1028
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

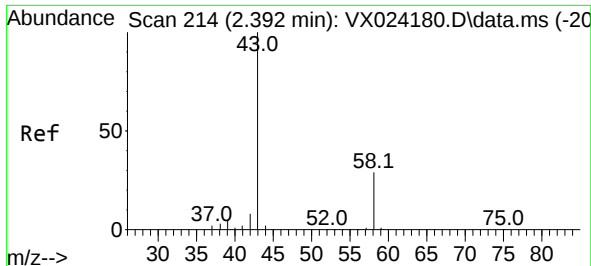


#13

Acrolein
Concen: 0.588 ug/l
RT: 2.227 min Scan# 187
Delta R.T. -0.012 min
Lab File: VX024192.D
Acq: 13 Sep 2021 18:22

Tgt Ion: 56 Resp: 93
Ion Ratio Lower Upper
56 100
55 62.4 56.4 84.6

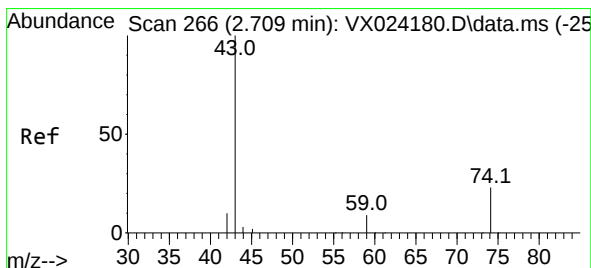
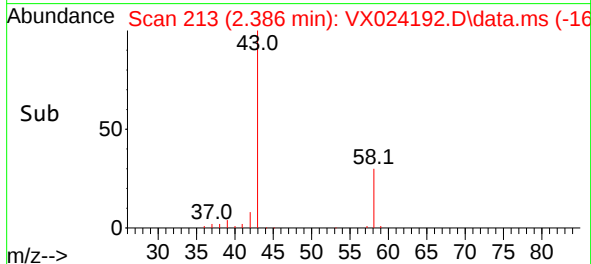
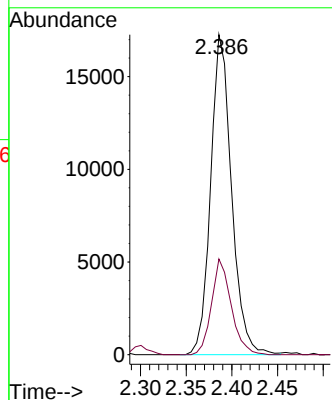
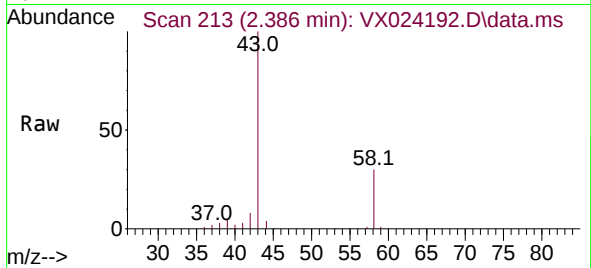




#16
Acetone
Concen: 27.919 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX024192.D
Acq: 13 Sep 2021 18:22

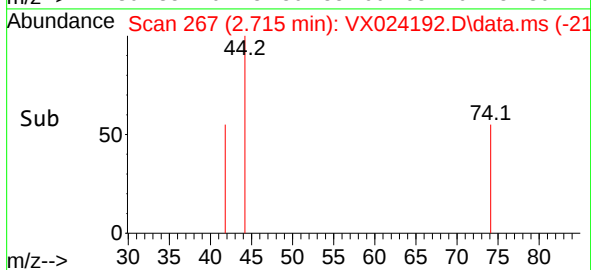
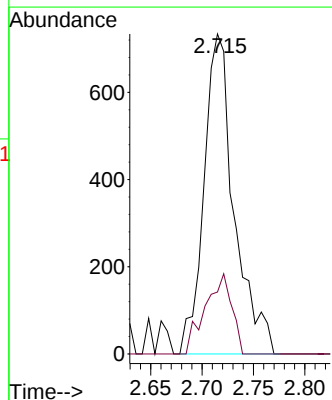
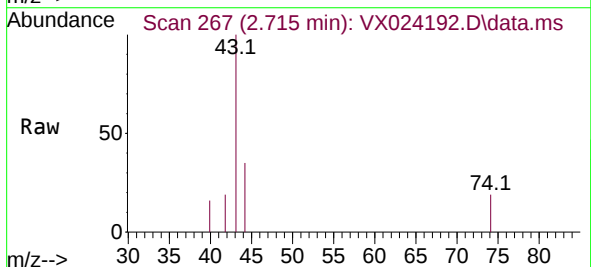
Instrument :
MSVOA_X
ClientSampleId :
250EM-DISPOSAL-1

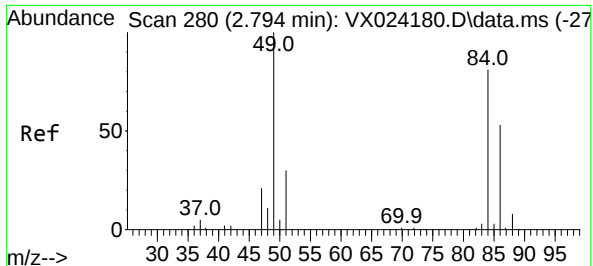
Tgt Ion: 43 Resp: 27434
Ion Ratio Lower Upper
43 100
58 29.9 27.8 41.8



#18
Methyl Acetate
Concen: 0.699 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX024192.D
Acq: 13 Sep 2021 18:22

Tgt Ion: 43 Resp: 1505
Ion Ratio Lower Upper
43 100
74 21.9 21.9 32.9





#20

Methylene Chloride

Concen: 6.456 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.000 min

Lab File: VX024192.D

Acq: 13 Sep 2021 18:22

Instrument :

MSVOA_X

ClientSampleId :

250EM-DISPOSAL-1

Tgt Ion: 84 Resp: 8178

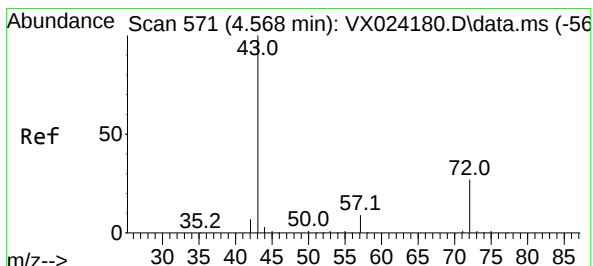
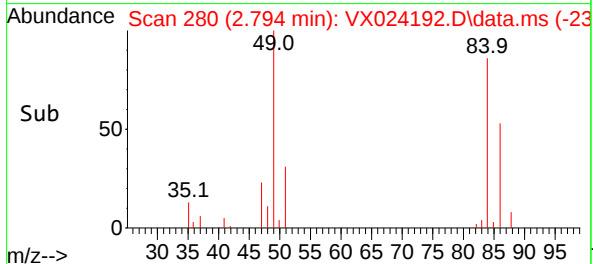
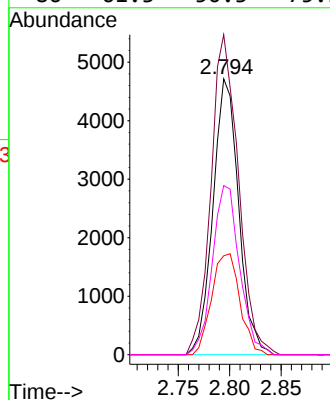
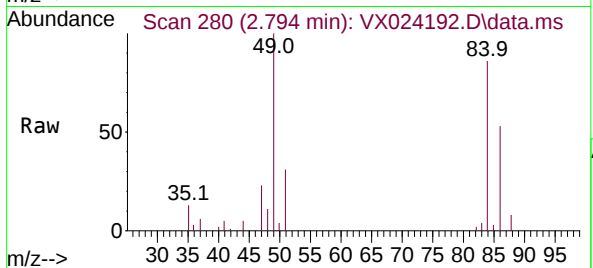
Ion Ratio Lower Upper

84 100

49 116.0 88.6 132.8

51 35.9 27.0 40.6

86 61.3 50.3 75.5



#25

2-Butanone

Concen: 4.127 ug/l

RT: 4.574 min Scan# 572

Delta R.T. 0.006 min

Lab File: VX024192.D

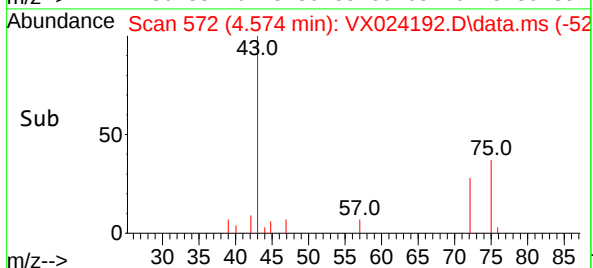
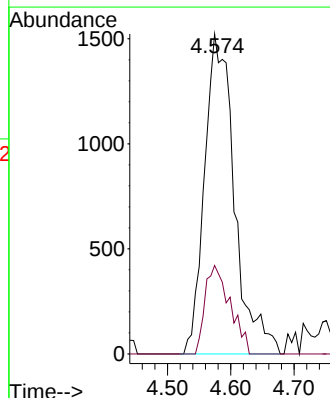
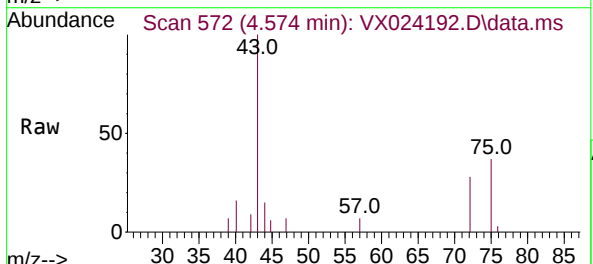
Acq: 13 Sep 2021 18:22

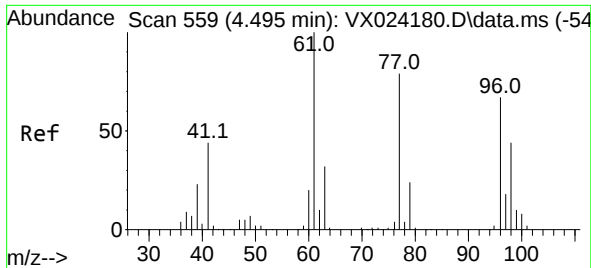
Tgt Ion: 43 Resp: 5002

Ion Ratio Lower Upper

43 100

72 27.6 23.7 35.5





#27

cis-1,2-Dichloroethene

Concen: 4.962 ug/l

RT: 4.507 min Scan# 561

Delta R.T. 0.012 min

Lab File: VX024192.D

Acq: 13 Sep 2021 18:22

Tgt Ion: 96 Resp: 7923

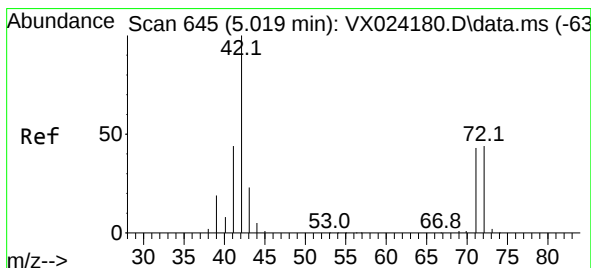
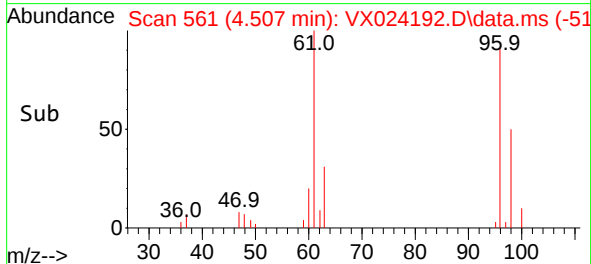
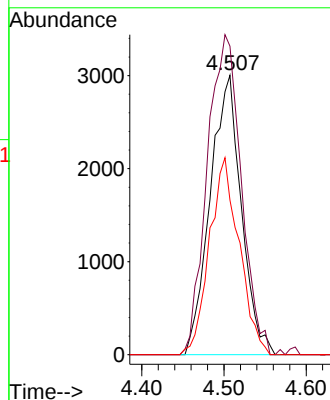
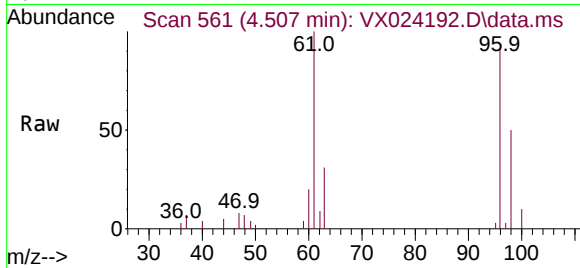
Ion	Ratio	Lower	Upper
96	100		
61	124.4	0.0	285.6
98	67.3	0.0	129.6

Instrument :

MSVOA_X

ClientSampleId :

250EM-DISPOSAL-1



#29

Tetrahydrofuran

Concen: 1.667 ug/l

RT: 5.026 min Scan# 646

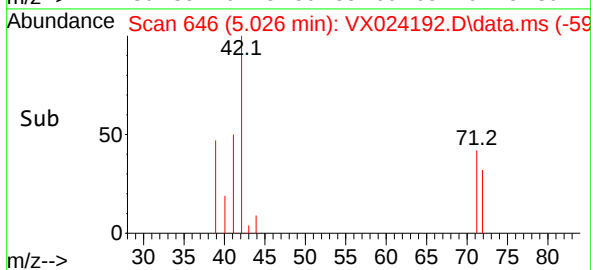
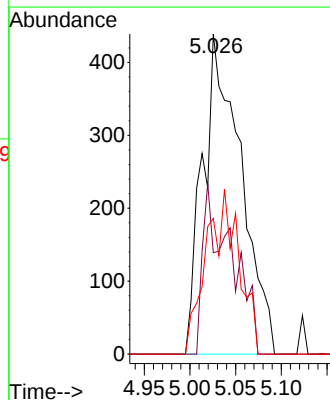
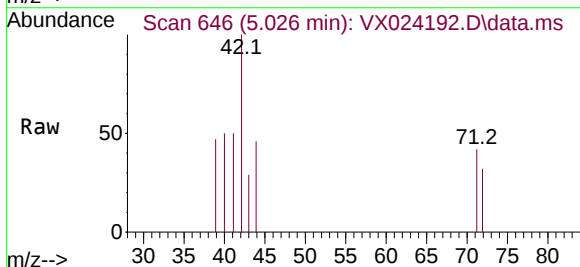
Delta R.T. 0.007 min

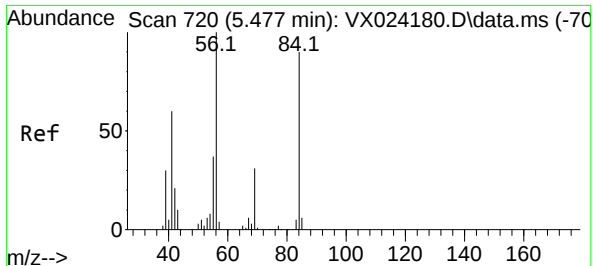
Lab File: VX024192.D

Acq: 13 Sep 2021 18:22

Tgt Ion: 42 Resp: 1272

Ion	Ratio	Lower	Upper
42	100		
72	18.9	41.7	62.5#
71	20.5	38.4	57.6#





#31

Cyclohexane

Concen: 1.403 ug/l

RT: 5.562 min Scan# 734

Delta R.T. 0.085 min

Lab File: VX024192.D

Acq: 13 Sep 2021 18:22

Tgt Ion: 56 Resp: 3026

Ion Ratio Lower Upper

56 100

69 157.8 25.3 37.9#

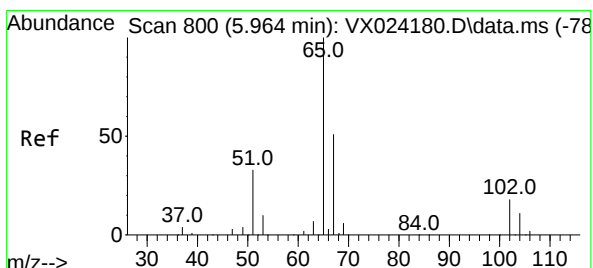
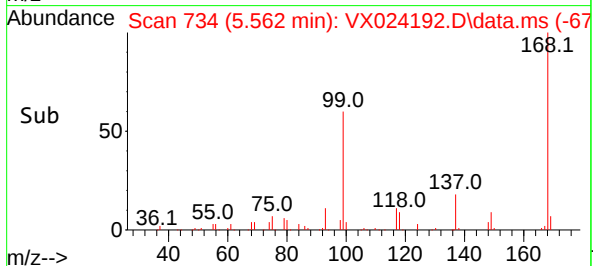
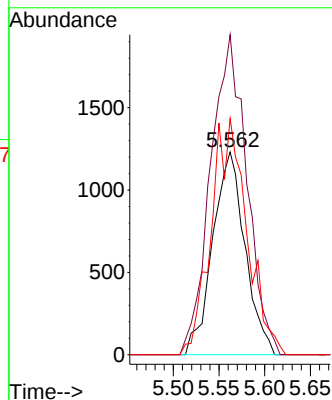
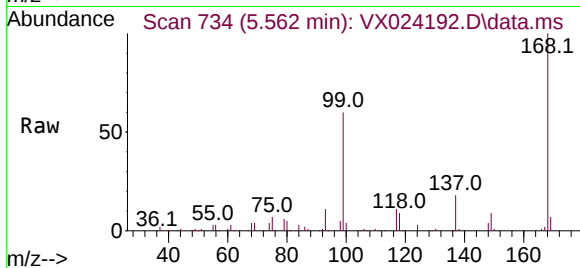
84 116.5 71.4 107.0#

Instrument :

MSVOA_X

ClientSampleId :

250EM-DISPOSAL-1



#33

1,2-Dichloroethane-d4

Concen: 52.539 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX024192.D

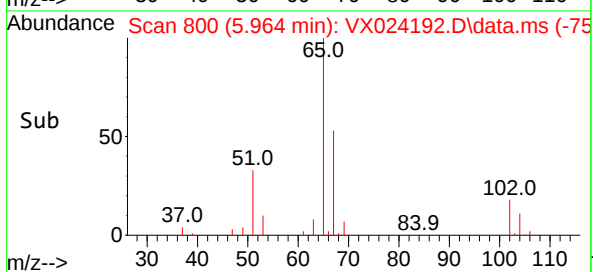
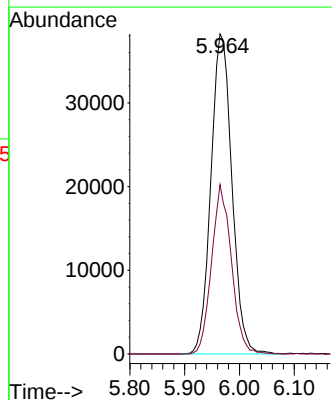
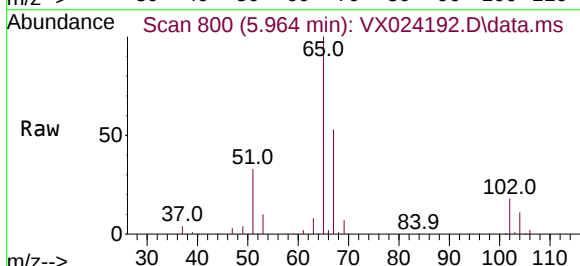
Acq: 13 Sep 2021 18:22

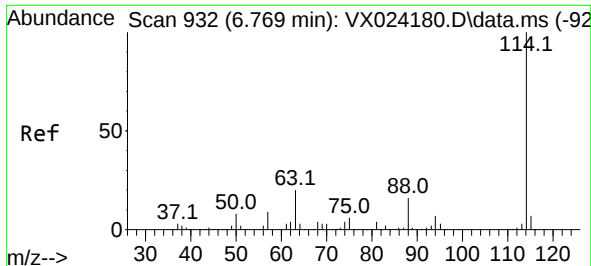
Tgt Ion: 65 Resp: 101630

Ion Ratio Lower Upper

65 100

67 49.9 0.0 105.4

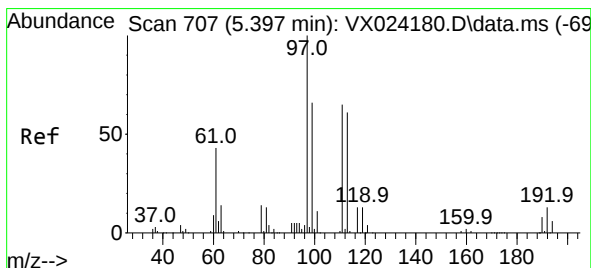
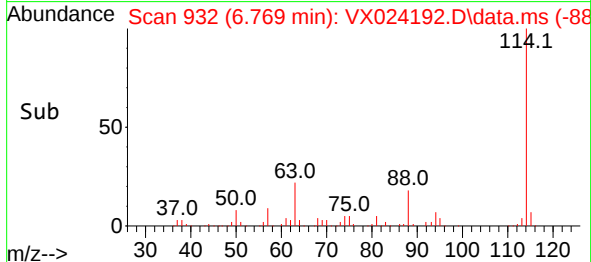
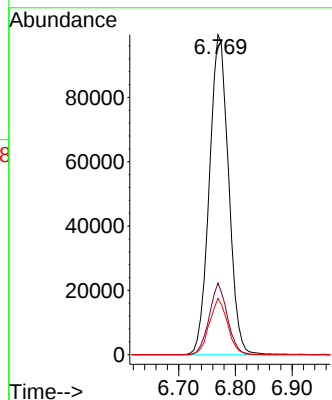
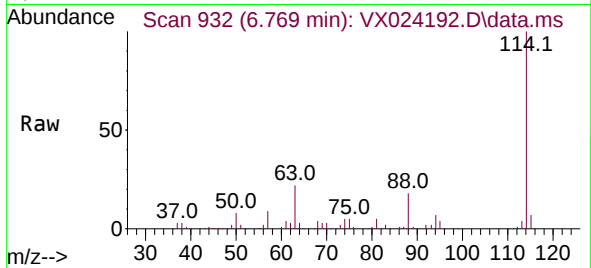




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024192.D
Acq: 13 Sep 2021 18:22

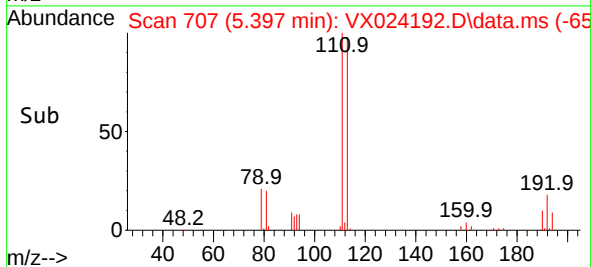
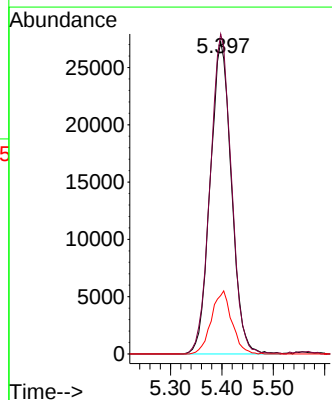
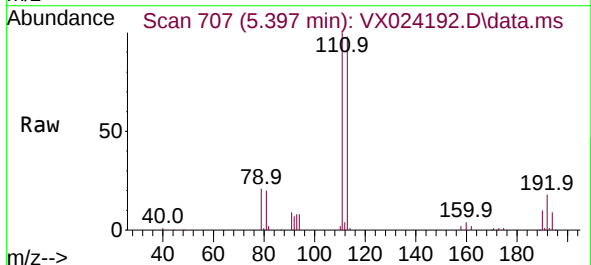
Instrument :
MSVOA_X
ClientSampleId :
250EM-DISPOSAL-1

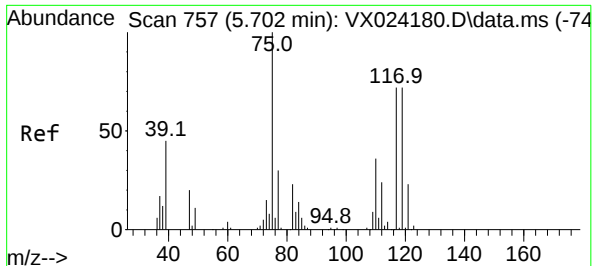
Tgt Ion:114 Resp: 234374
Ion Ratio Lower Upper
114 100
63 22.4 0.0 40.8
88 17.6 0.0 32.8



#35
Dibromofluoromethane
Concen: 48.626 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024192.D
Acq: 13 Sep 2021 18:22

Tgt Ion:113 Resp: 77979
Ion Ratio Lower Upper
113 100
111 102.6 81.9 122.9
192 19.5 16.7 25.1

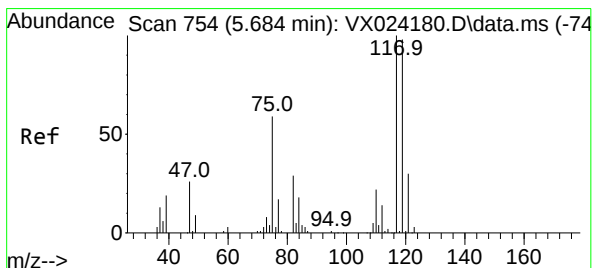
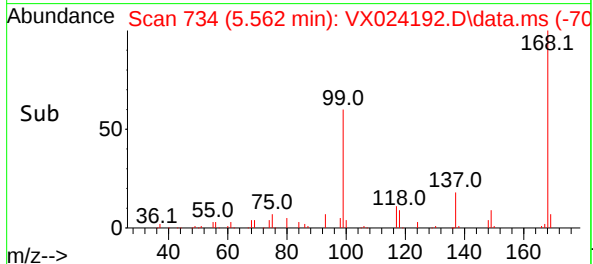
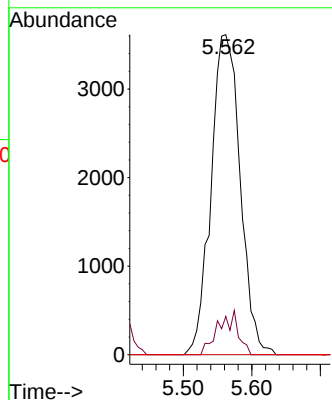
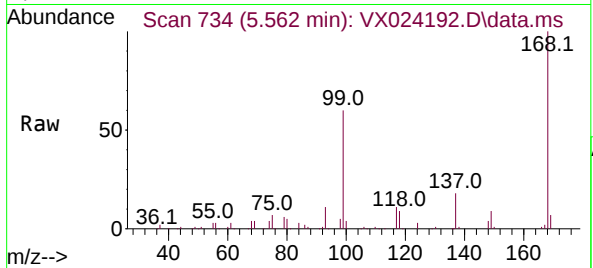




#36
1,1-Dichloropropene
Concen: 4.939 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX024192.D
Acq: 13 Sep 2021 18:22

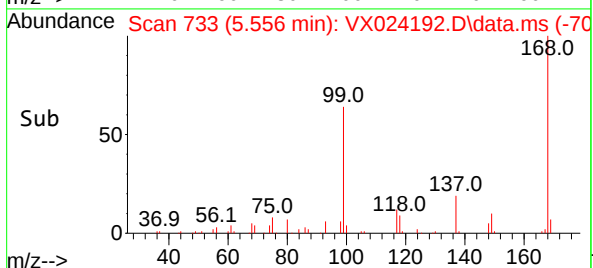
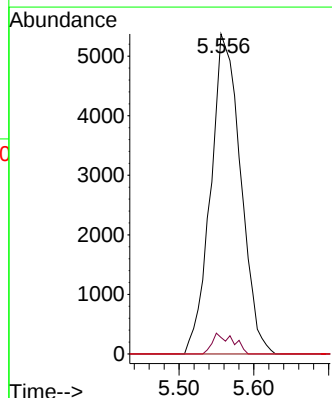
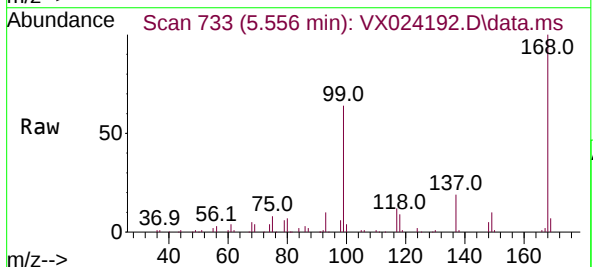
Instrument :
MSVOA_X
ClientSampleId :
250EM-DISPOSAL-1

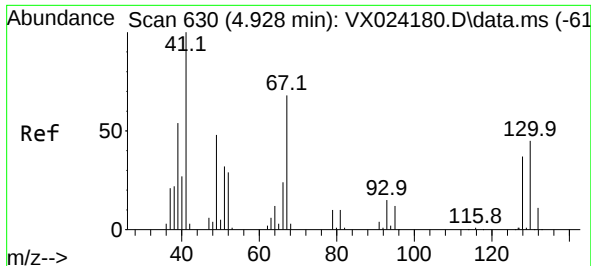
Tgt Ion: 75 Resp: 10683
Ion Ratio Lower Upper
75 100
110 9.4 18.1 54.4#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.334 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX024192.D
Acq: 13 Sep 2021 18:22

Tgt Ion: 117 Resp: 14995
Ion Ratio Lower Upper
117 100
119 5.2 76.2 114.2#
121 0.0 24.8 37.2#

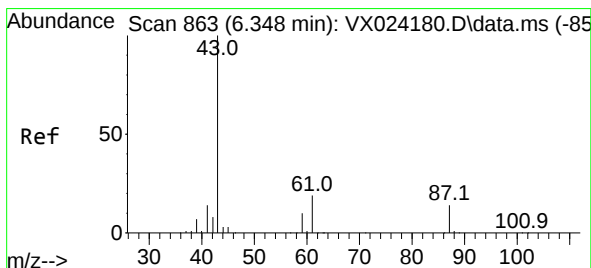
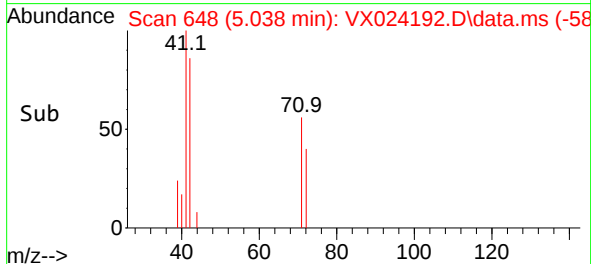
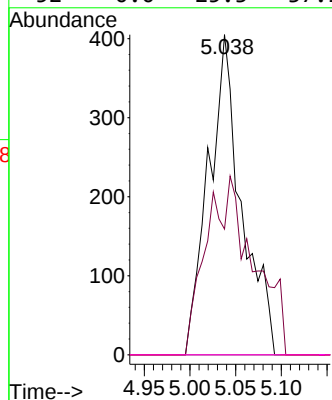
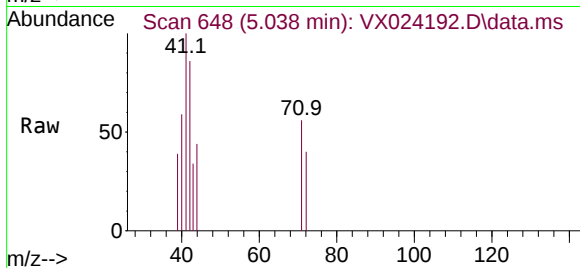




#41
Methacrylonitrile
Concen: 0.775 ug/l
RT: 5.038 min Scan# 648
Delta R.T. 0.110 min
Lab File: VX024192.D
Acq: 13 Sep 2021 18:22

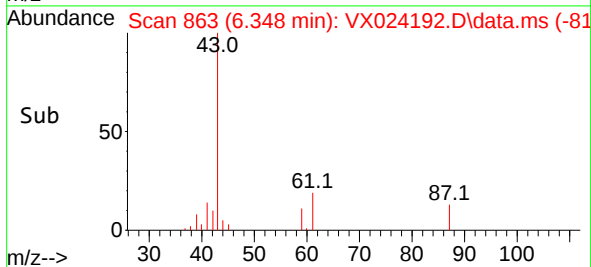
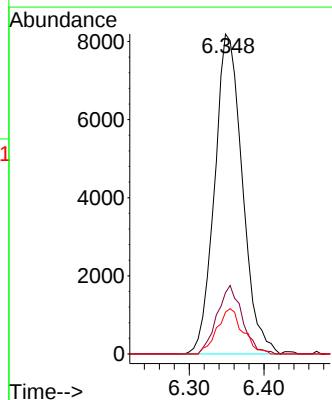
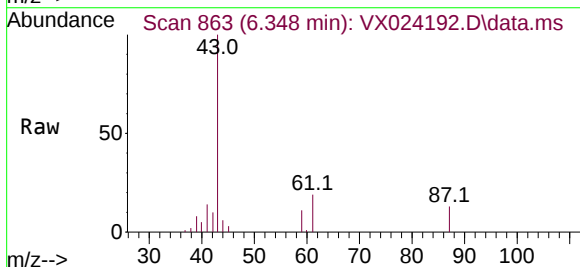
Instrument :
MSVOA_X
ClientSampleId :
250EM-DISPOSAL-1

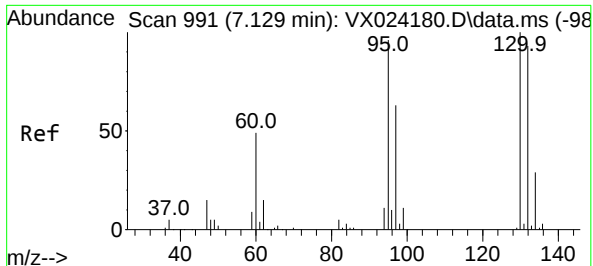
Tgt Ion:	41	Resp:	1016
Ion	Ratio	Lower	Upper
41	100		
39	80.2	42.5	63.7#
67	0.0	65.0	97.6#
52	0.0	25.3	37.9#



#43
Isopropyl Acetate
Concen: 5.286 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.000 min
Lab File: VX024192.D
Acq: 13 Sep 2021 18:22

Tgt Ion:	43	Resp:	21116
Ion	Ratio	Lower	Upper
43	100		
61	19.4	18.2	27.4
87	13.2	12.5	18.7

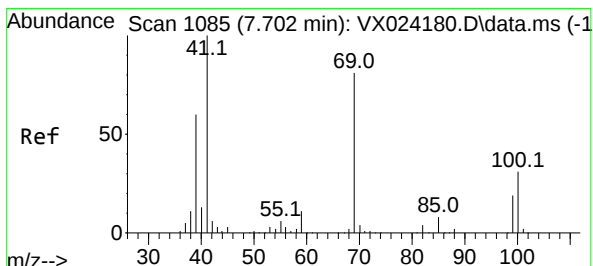
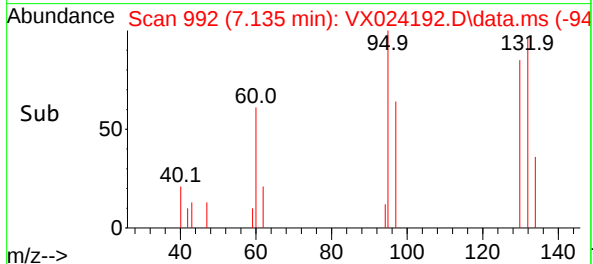
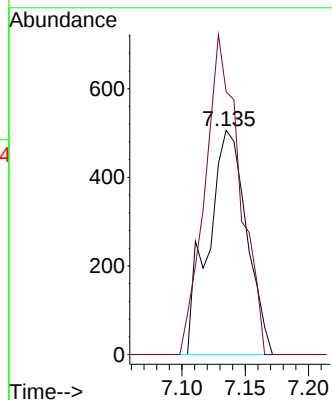
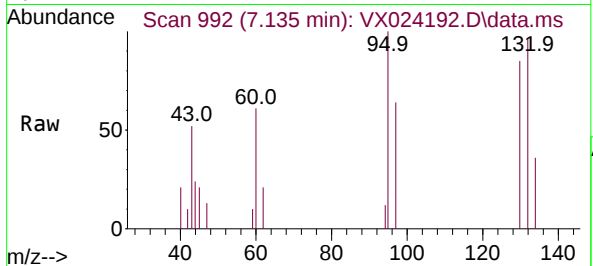




#44
Trichloroethene
Concen: 0.621 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX024192.D
Acq: 13 Sep 2021 18:22

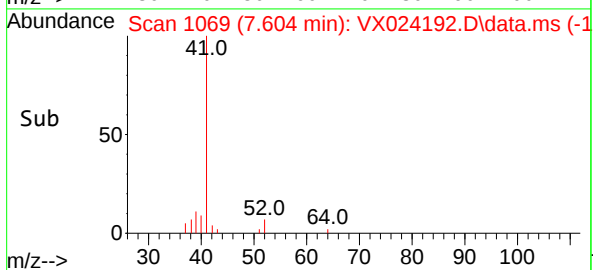
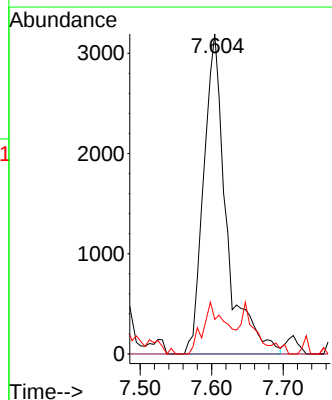
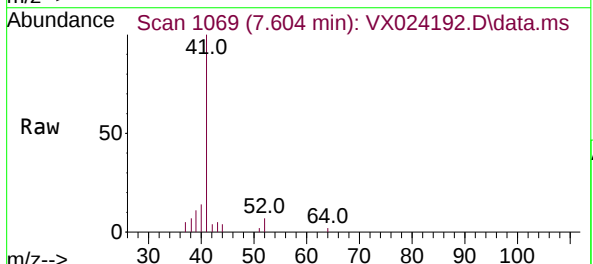
Instrument :
MSVOA_X
ClientSampleId :
250EM-DISPOSAL-1

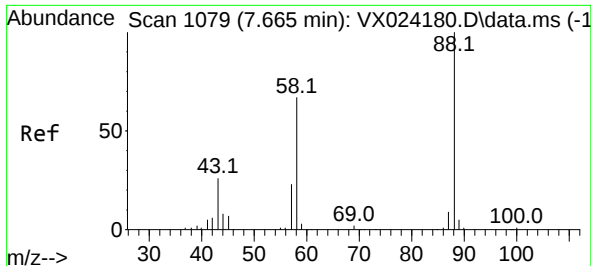
Tgt Ion:130 Resp: 1069
Ion Ratio Lower Upper
130 100
95 117.2 0.0 198.0



#48
Methyl methacrylate
Concen: 3.717 ug/l
RT: 7.604 min Scan# 1069
Delta R.T. -0.098 min
Lab File: VX024192.D
Acq: 13 Sep 2021 18:22

Tgt Ion: 41 Resp: 7056
Ion Ratio Lower Upper
41 100
69 0.0 76.0 114.0#
39 0.0 44.6 67.0#





#49

1,4-Dioxane

Concen: 4.205 ug/l

RT: 7.806 min Scan# 1102

Delta R.T. 0.141 min

Lab File: VX024192.D

Acq: 13 Sep 2021 18:22

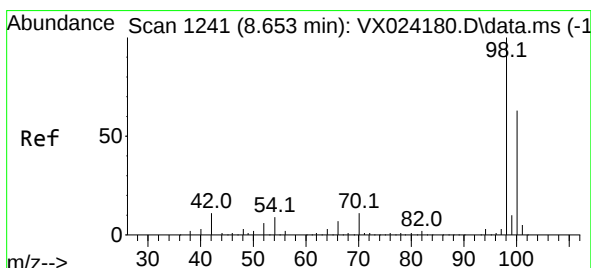
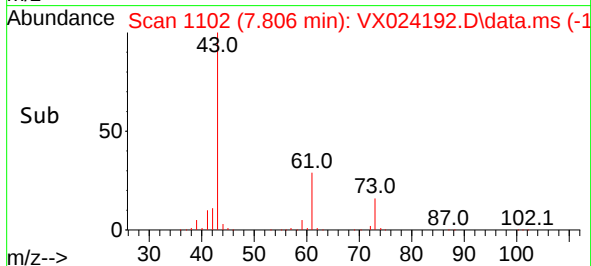
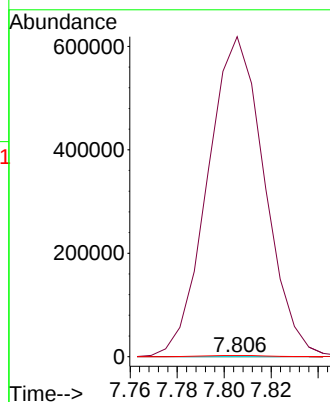
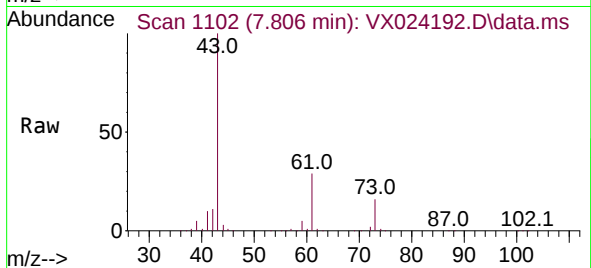
Tgt Ion: 88 Resp: 182

Ion Ratio Lower Upper

88 100

43 577592.3 23.2 34.8#

58 2378.6 55.0 82.4#



#50

Toluene-d8

Concen: 50.057 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX024192.D

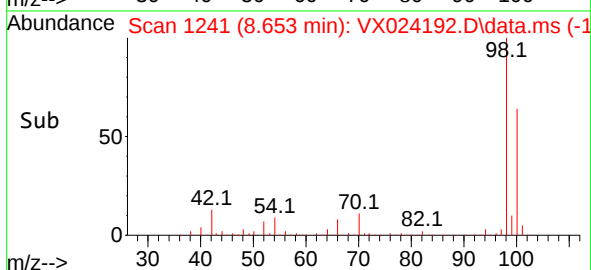
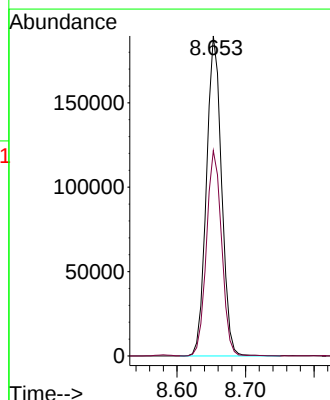
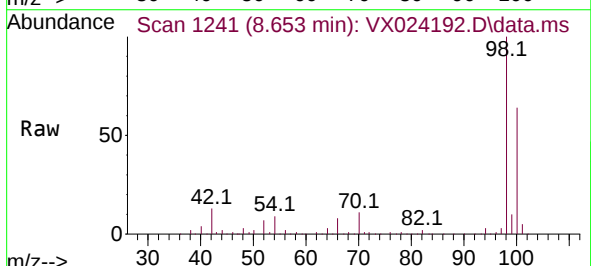
Acq: 13 Sep 2021 18:22

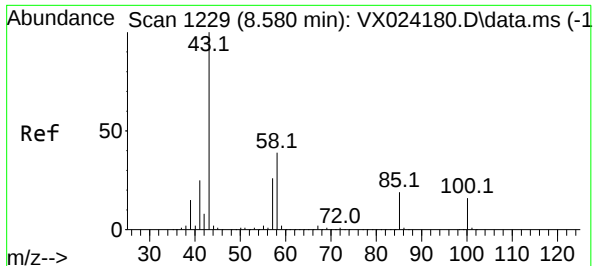
Tgt Ion: 98 Resp: 291554

Ion Ratio Lower Upper

98 100

100 64.5 51.9 77.9

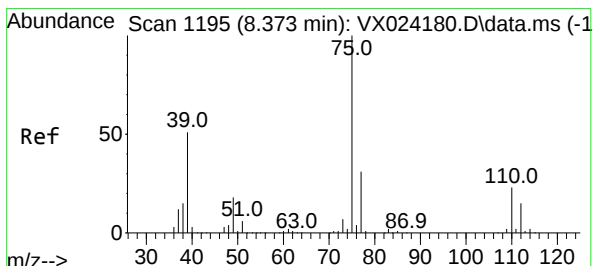
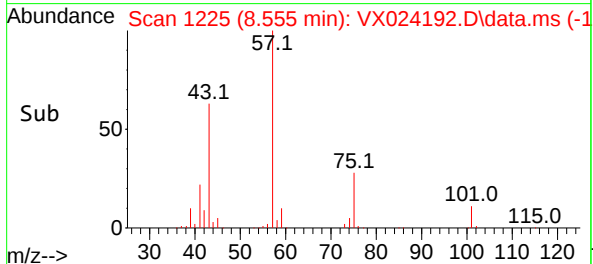
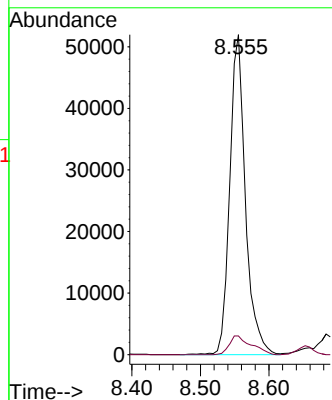
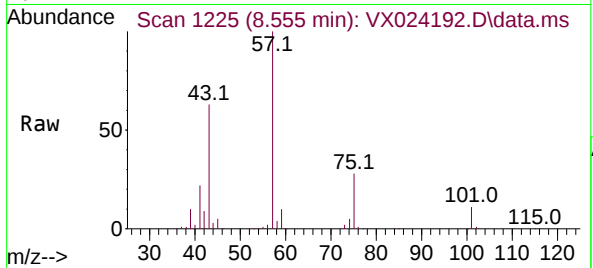




#51
4-Methyl-2-Pentanone
Concen: 32.761 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.025 min
Lab File: VX024192.D
Acq: 13 Sep 2021 18:22

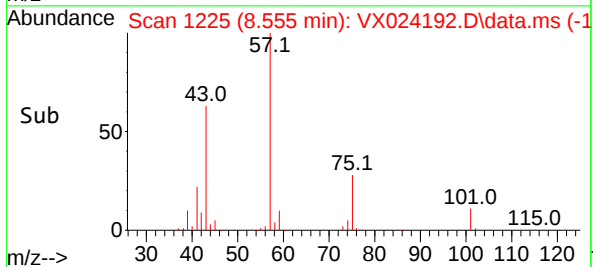
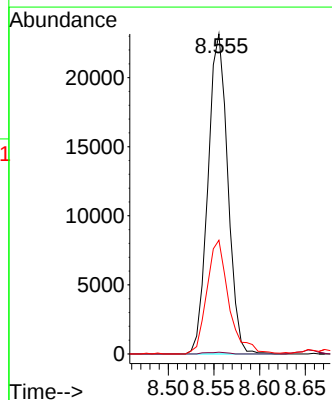
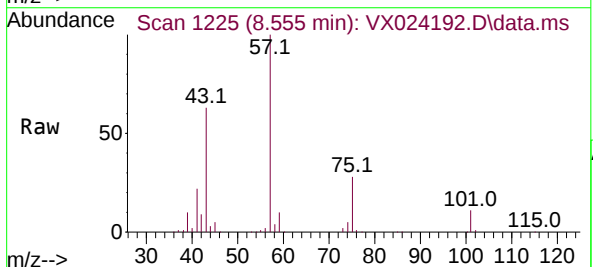
Instrument :
MSVOA_X
ClientSampleId :
250EM-DISPOSAL-1

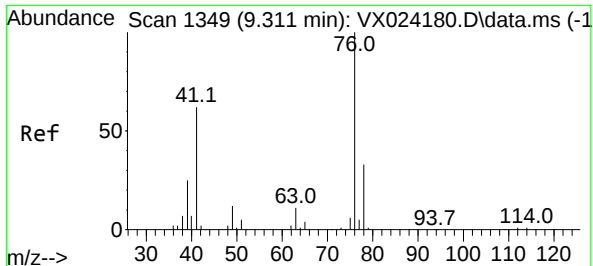
Tgt Ion: 43 Resp: 82621
Ion Ratio Lower Upper
43 100
58 8.2 35.4 53.0#



#54
cis-1,3-Dichloropropene
Concen: 13.393 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.182 min
Lab File: VX024192.D
Acq: 13 Sep 2021 18:22

Tgt Ion: 75 Resp: 34788
Ion Ratio Lower Upper
75 100
77 0.6 25.7 38.5#
39 35.6 35.1 52.7



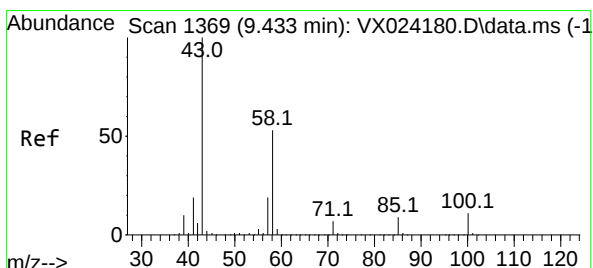
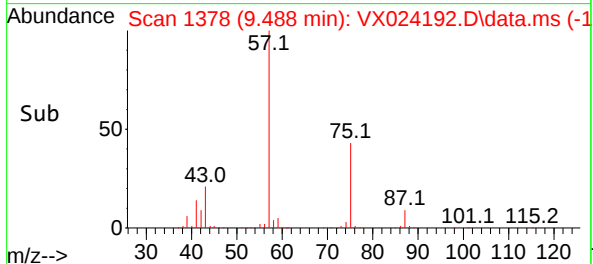
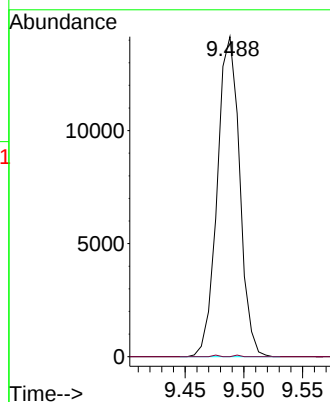
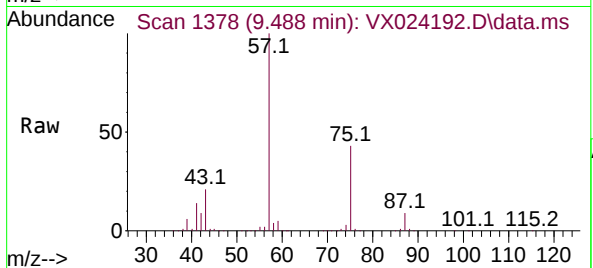


#57

1,3-Dichloropropane
Concen: 6.780 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.177 min
Lab File: VX024192.D
Acq: 13 Sep 2021 18:22

Instrument :
MSVOA_X
ClientSampleId :
250EM-DISPOSAL-1

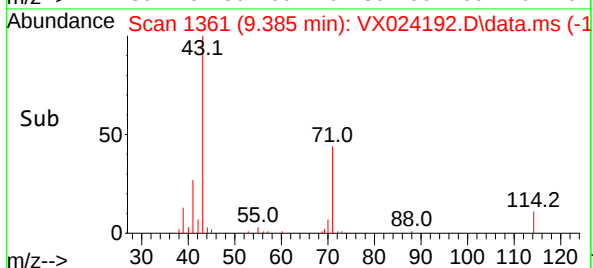
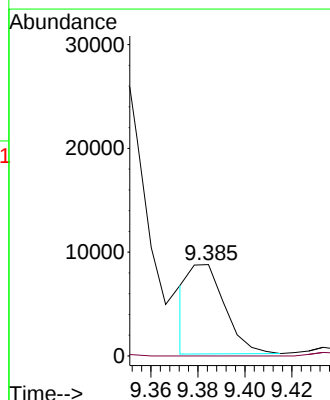
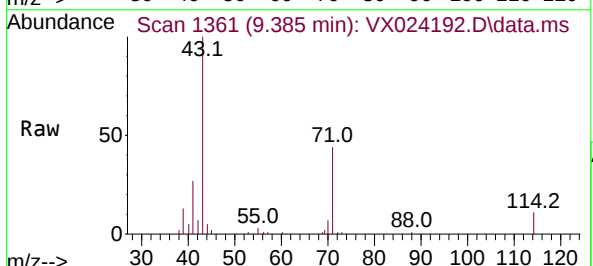
Tgt Ion: 76 Resp: 18774
Ion Ratio Lower Upper
76 100
78 0.1 26.2 39.2#

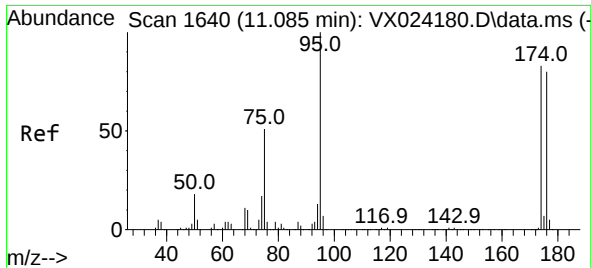


#59

2-Hexanone
Concen: 4.614 ug/l
RT: 9.385 min Scan# 1361
Delta R.T. -0.048 min
Lab File: VX024192.D
Acq: 13 Sep 2021 18:22

Tgt Ion: 43 Resp: 9108
Ion Ratio Lower Upper
43 100
58 0.0 30.9 92.8#

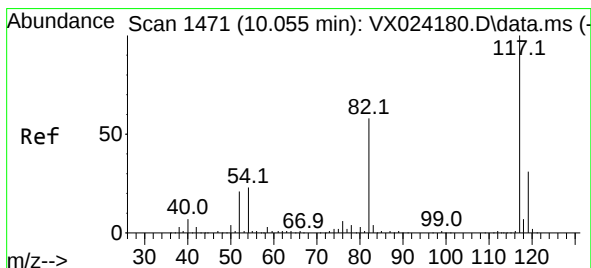
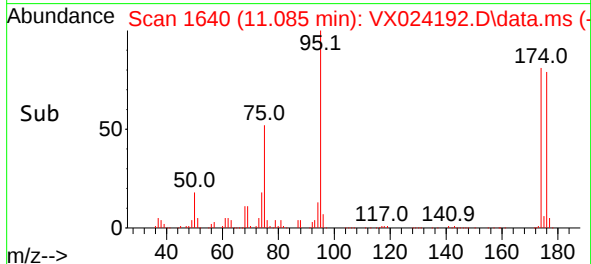
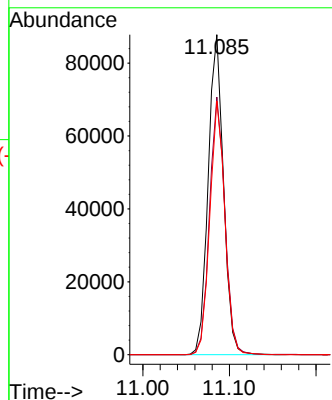
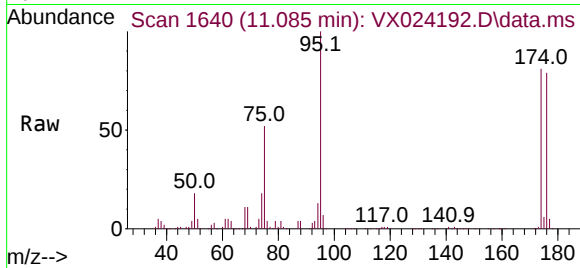




#62
4-Bromofluorobenzene
Concen: 48.011 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024192.D
Acq: 13 Sep 2021 18:22

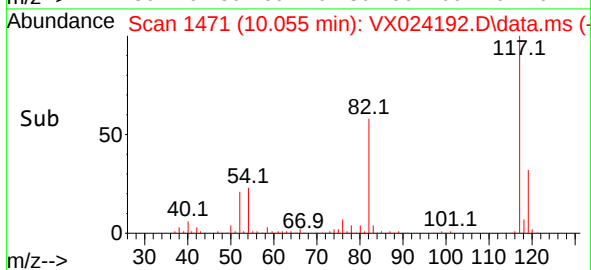
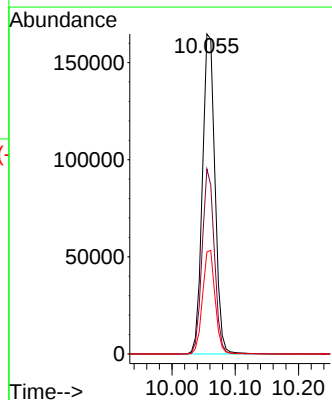
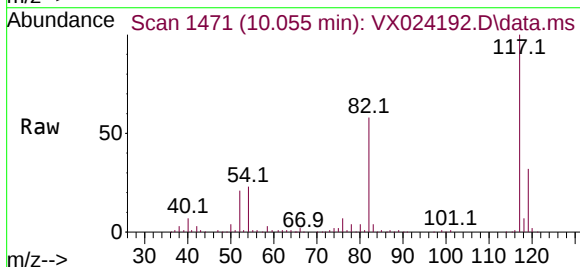
Instrument :
MSVOA_X
ClientSampleId :
250EM-DISPOSAL-1

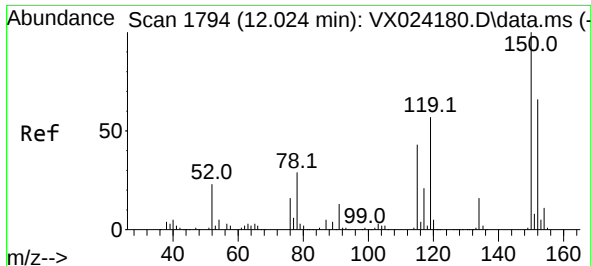
Tgt Ion: 95 Resp: 107830
Ion Ratio Lower Upper
95 100
174 80.9 0.0 154.6
176 77.8 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX024192.D
Acq: 13 Sep 2021 18:22

Tgt Ion: 117 Resp: 228439
Ion Ratio Lower Upper
117 100
82 57.8 47.4 71.2
119 31.9 26.6 39.8

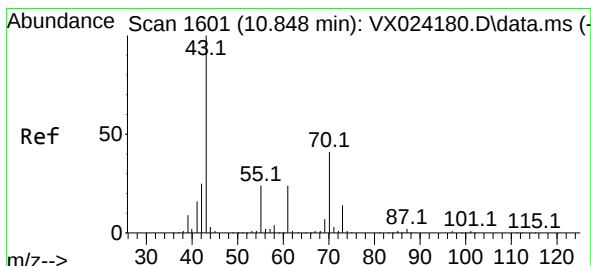
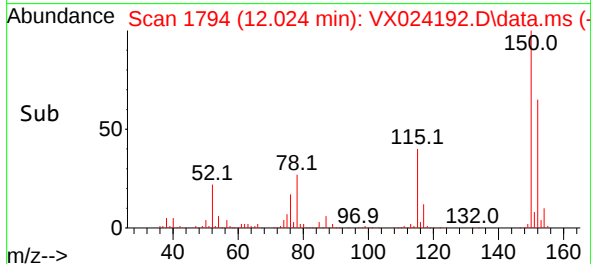
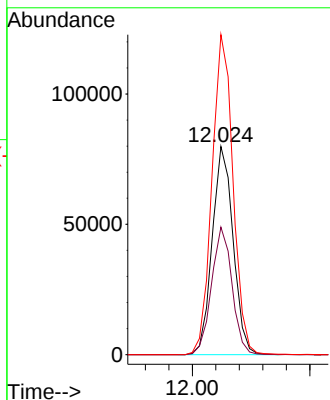
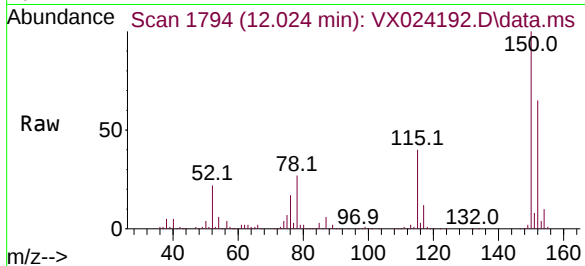




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX024192.D
 Acq: 13 Sep 2021 18:22

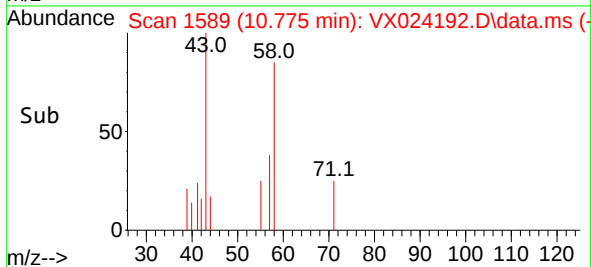
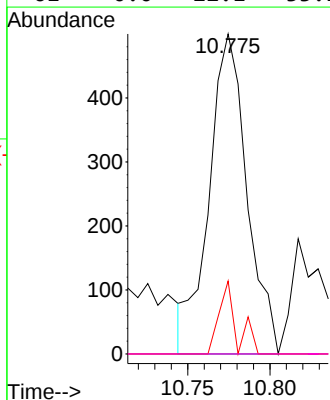
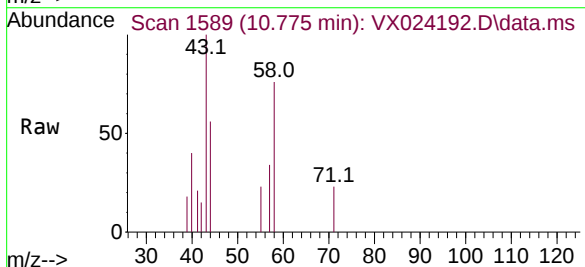
Instrument :
 MSVOA_X
 ClientSampleId :
 250EM-DISPOSAL-1

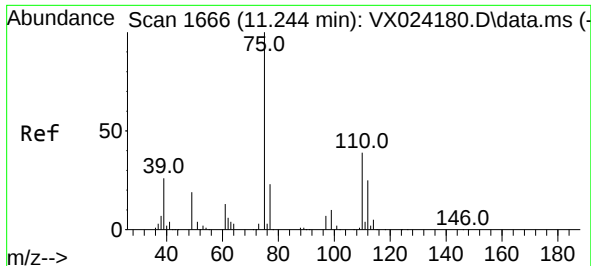
Tgt Ion:152 Resp: 98673
 Ion Ratio Lower Upper
 152 100
 115 60.0 41.1 123.3
 150 154.6 0.0 349.0



#74
 N-ethyl acetate
 Concen: 0.259 ug/l
 RT: 10.775 min Scan# 1589
 Delta R.T. -0.074 min
 Lab File: VX024192.D
 Acq: 13 Sep 2021 18:22

Tgt Ion: 43 Resp: 800
 Ion Ratio Lower Upper
 43 100
 70 0.0 39.0 58.6#
 55 10.5 21.5 32.3#
 61 0.0 22.1 33.1#

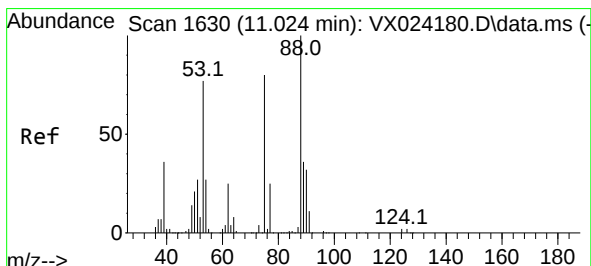
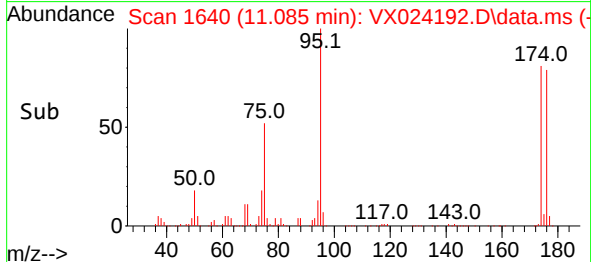
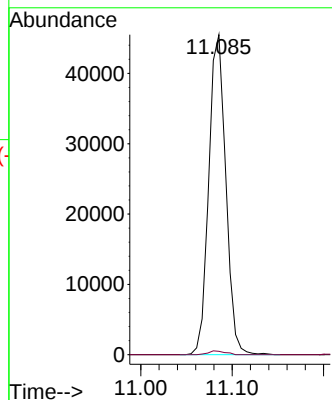
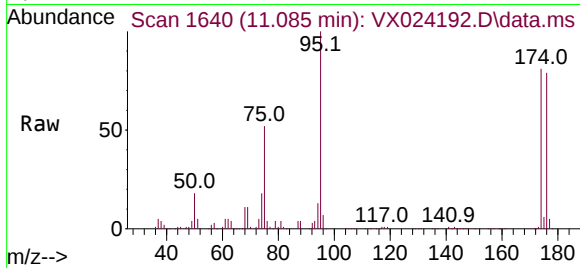




#76
1,2,3-Trichloropropane
Concen: 26.419 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024192.D
Acq: 13 Sep 2021 18:22

Instrument :
MSVOA_X
ClientSampleId :
250EM-DISPOSAL-1

Tgt Ion: 75 Resp: 58768
Ion Ratio Lower Upper
75 100
77 1.2 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 77.996 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX024192.D
Acq: 13 Sep 2021 18:22

Tgt Ion: 75 Resp: 58768
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

