

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091321\
 Data File : VX024193.D
 Acq On : 13 Sep 2021 18:46
 Operator : JC/MD
 Sample : M3709-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 250EM-DISPOSAL-2

Quant Time: Sep 14 05:26:17 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)

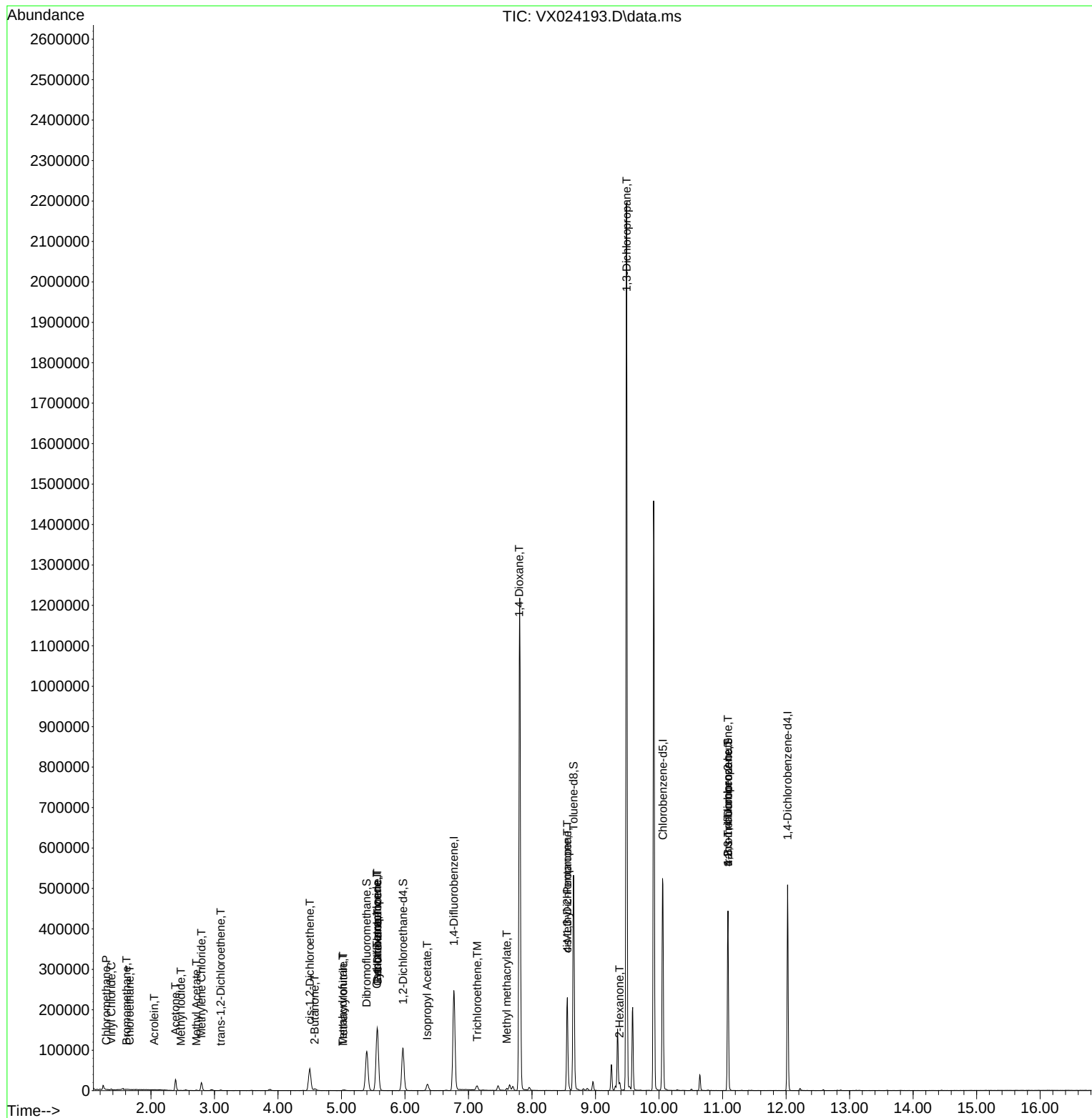
Internal Standards						
1) Pentafluorobenzene	5.562	168	143721	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	246368	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	237888	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	98097	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	107143	52.769	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.540%			
35) Dibromofluoromethane	5.397	113	81773	48.510	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.020%			
50) Toluene-d8	8.653	98	308131	50.328	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.660%			
62) 4-Bromofluorobenzene	11.085	95	111698	47.313	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 94.620%			
Target Compounds						Qvalue
3) Chloromethane	1.294	50	217	0.812	ug/l	99
4) Vinyl Chloride	1.374	62	1499	1.094	ug/l	92
5) Bromomethane	1.617	94	470	0.593	ug/l #	72
6) Chloroethane	1.666	64	368	0.405	ug/l #	43
10) Methyl Iodide	2.471	142	378	0.212	ug/l #	80
11) Tert butyl alcohol	2.953	59	1633	Below Cal	#	73
13) Acrolein	2.050	56	62	0.374	ug/l #	54
16) Acetone	2.386	43	27671	26.447	ug/l	90
18) Methyl Acetate	2.715	43	1784	0.790	ug/l #	80
20) Methylene Chloride	2.794	84	8531	6.421	ug/l #	89
21) trans-1,2-Dichloroethene	3.099	96	635	0.455	ug/l #	80
25) 2-Butanone	4.574	43	5106	4.013	ug/l	94
27) cis-1,2-Dichloroethene	4.501	96	32528	19.406	ug/l	93
29) Tetrahydrofuran	5.019	42	1455	1.817	ug/l #	48
31) Cyclohexane	5.568	56	3159	1.396	ug/l #	36
36) 1,1-Dichloropropene	5.562	75	11769	5.176	ug/l #	48
38) Carbon Tetrachloride	5.556	117	15111	6.072	ug/l #	17
41) Methacrylonitrile	5.025	41	941	0.683	ug/l #	26
43) Isopropyl Acetate	6.348	43	21435	5.105	ug/l	93
44) Trichloroethene	7.135	130	3713	2.052	ug/l	99
48) Methyl methacrylate	7.604	41	6801	3.408	ug/l #	10
49) 1,4-Dioxane	7.799	88	148	3.253	ug/l #	1
51) 4-Methyl-2-Pentanone	8.555	43	82088	30.965	ug/l #	45
54) cis-1,3-Dichloropropene	8.555	75	34680	12.702	ug/l #	68
57) 1,3-Dichloropropane	9.488	76	17836	6.128	ug/l #	42
59) 2-Hexanone	9.378	43	9028	4.350	ug/l #	19
76) 1,2,3-Trichloropropane	11.085	75	59948	27.108	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	59948	80.029	ug/l #	12

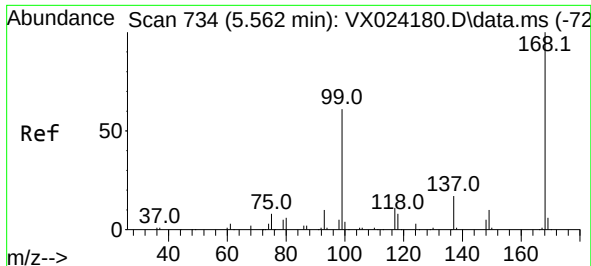
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091321\
Data File : VX024193.D
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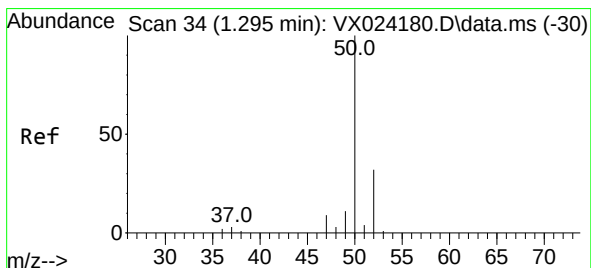
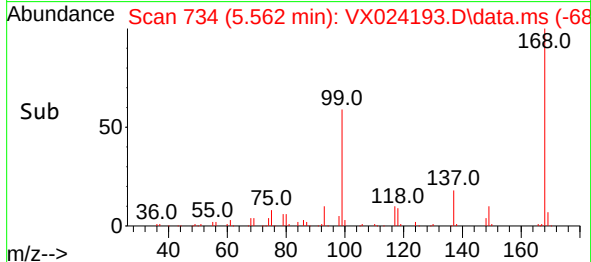
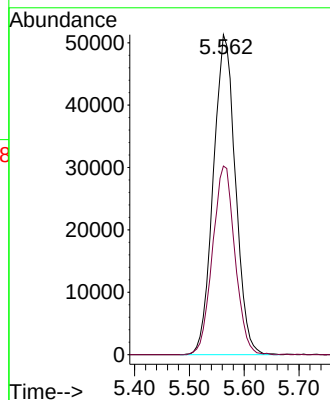
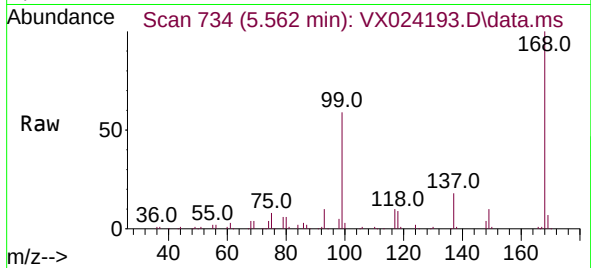




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX024193.D
Acq: 13 Sep 2021 18:46

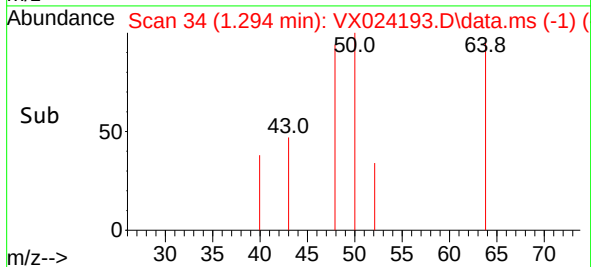
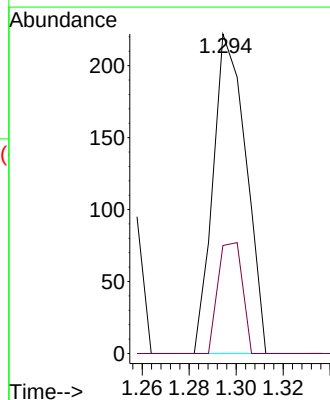
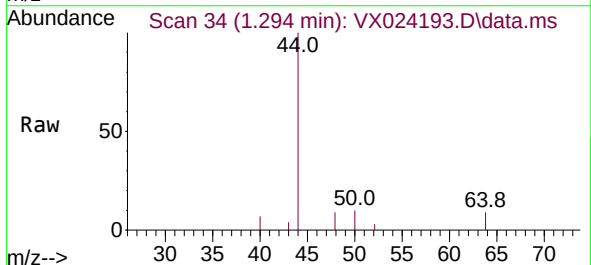
Instrument :
MSVOA_X
ClientSampleId :
250EM-DISPOSAL-2

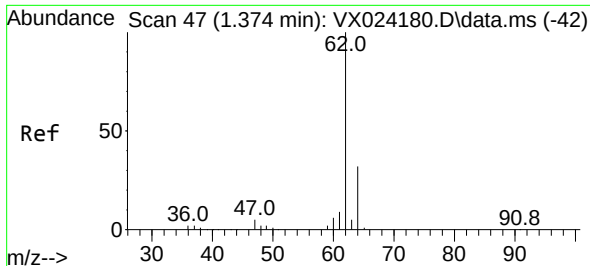
Tgt Ion:168 Resp: 143721
Ion Ratio Lower Upper
168 100
99 59.0 45.8 68.6



#3
Chloromethane
Concen: 0.812 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.001 min
Lab File: VX024193.D
Acq: 13 Sep 2021 18:46

Tgt Ion: 50 Resp: 217
Ion Ratio Lower Upper
50 100
52 33.8 26.4 39.6

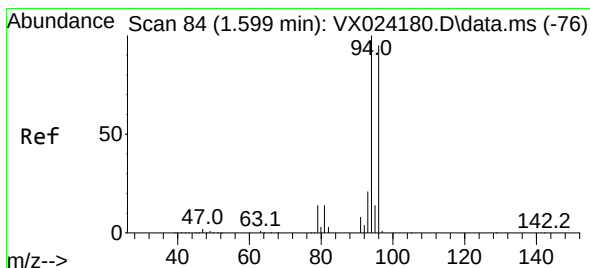
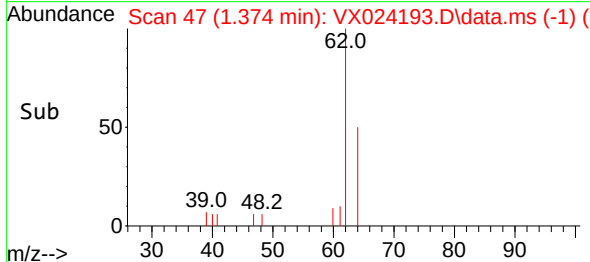
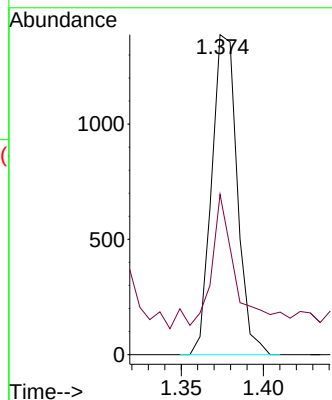
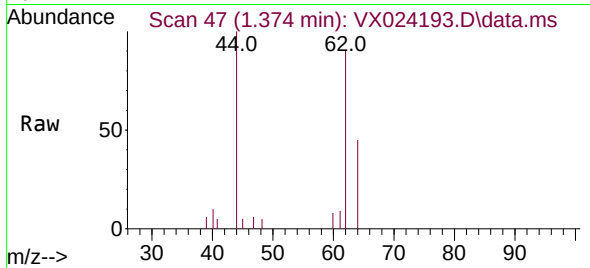




#4
 Vinyl Chloride
 Concen: 1.094 ug/l
 RT: 1.374 min Scan# 47
 Delta R.T. -0.000 min
 Lab File: VX024193.D
 Acq: 13 Sep 2021 18:46

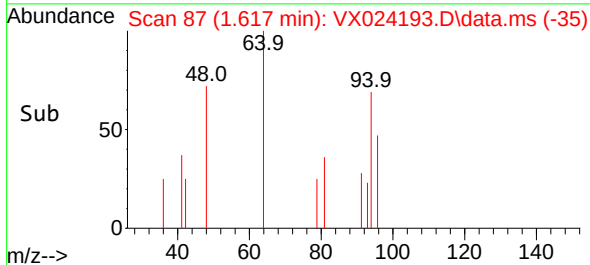
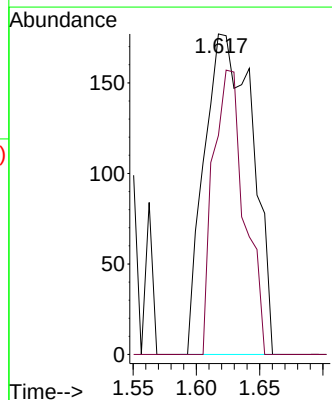
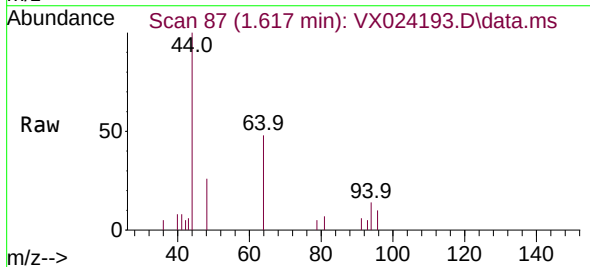
Instrument :
 MSVOA_X
 ClientSampleId :
 250EM-DISPOSAL-2

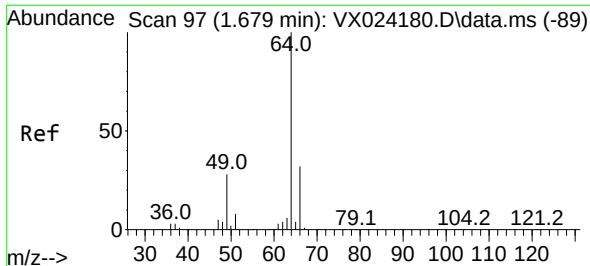
Tgt Ion: 62 Resp: 1499
 Ion Ratio Lower Upper
 62 100
 64 36.8 25.7 38.5



#5
 Bromomethane
 Concen: 0.593 ug/l
 RT: 1.617 min Scan# 87
 Delta R.T. 0.018 min
 Lab File: VX024193.D
 Acq: 13 Sep 2021 18:46

Tgt Ion: 94 Resp: 470
 Ion Ratio Lower Upper
 94 100
 96 68.4 76.4 114.6#

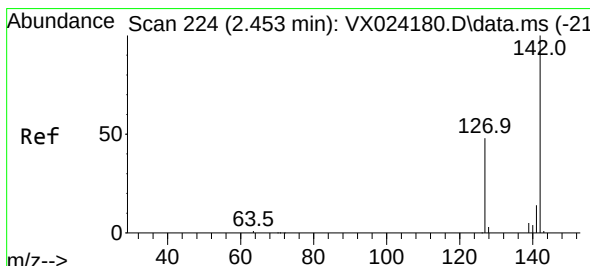
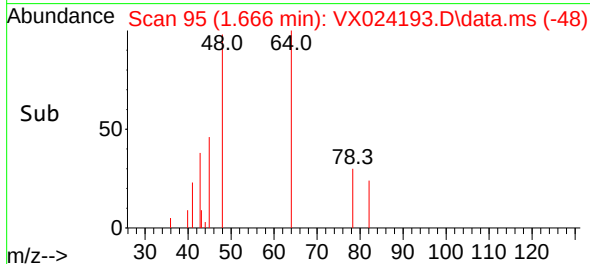
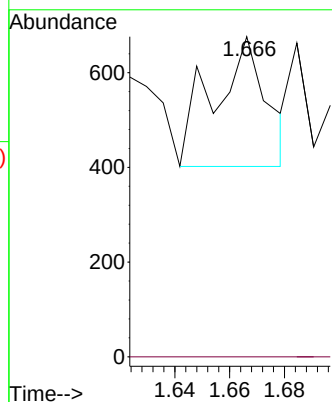
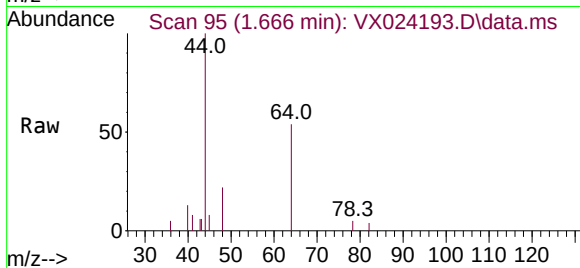




#6
Chloroethane
Concen: 0.405 ug/l
RT: 1.666 min Scan# 95
Delta R.T. -0.013 min
Lab File: VX024193.D
Acq: 13 Sep 2021 18:46

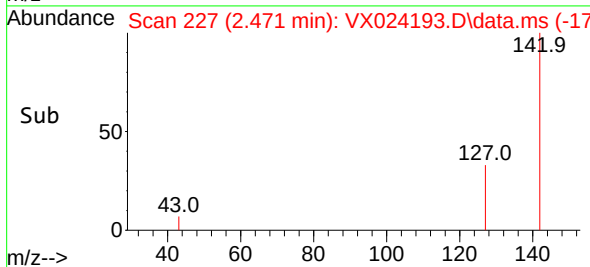
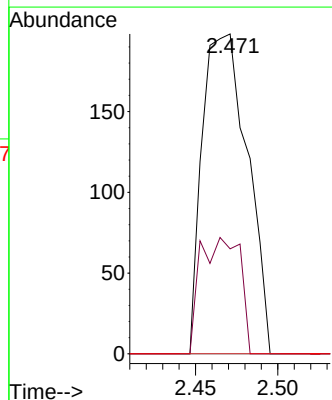
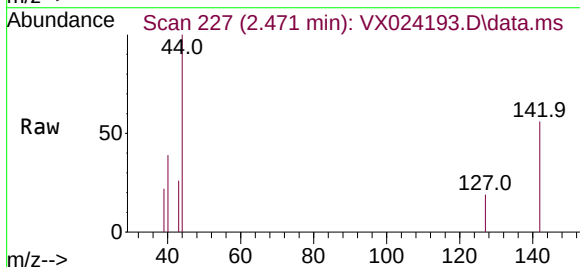
Instrument :
MSVOA_X
ClientSampleId :
250EM-DISPOSAL-2

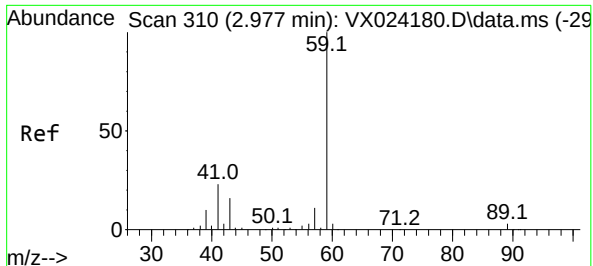
Tgt Ion: 64 Resp: 368
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#10
Methyl Iodide
Concen: 0.212 ug/l
RT: 2.471 min Scan# 227
Delta R.T. 0.018 min
Lab File: VX024193.D
Acq: 13 Sep 2021 18:46

Tgt Ion: 142 Resp: 378
Ion Ratio Lower Upper
142 100
127 32.0 33.3 49.9#
141 0.0 11.4 17.0#



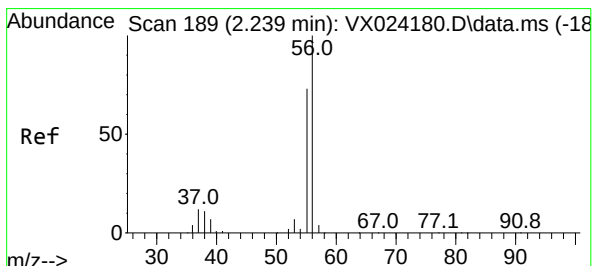
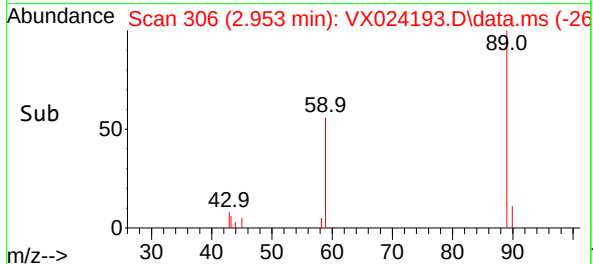
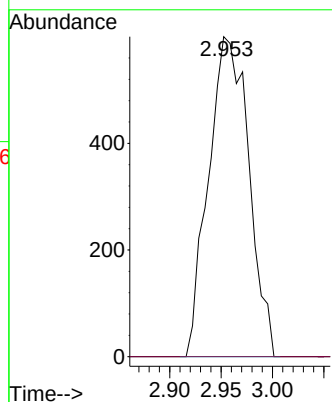
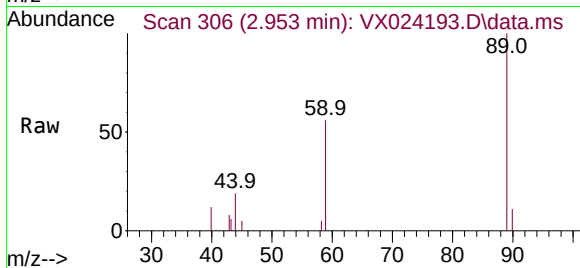


#11

Tert butyl alcohol
Concen: Below Cal
RT: 2.953 min Scan# 306
Delta R.T. -0.024 min
Lab File: VX024193.D
Acq: 13 Sep 2021 18:46

Instrument :
MSVOA_X
ClientSampleId :
250EM-DISPOSAL-2

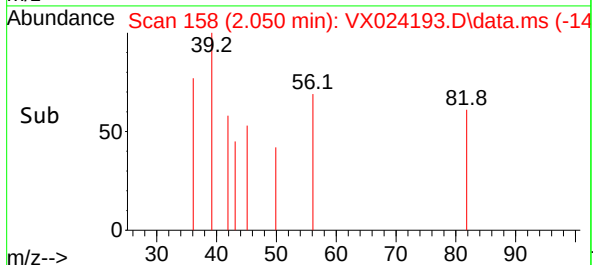
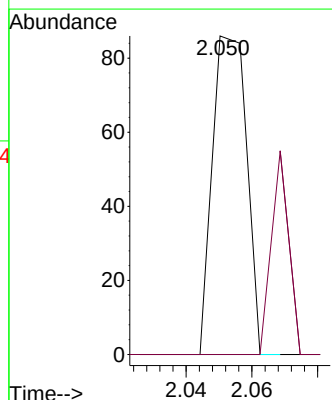
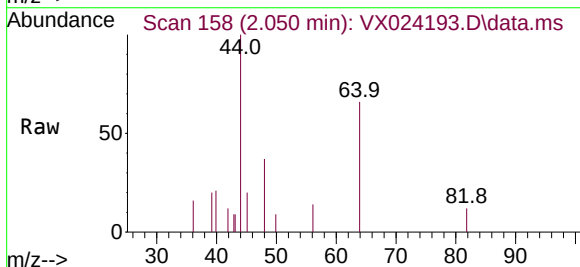
Tgt Ion: 59 Resp: 1633
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

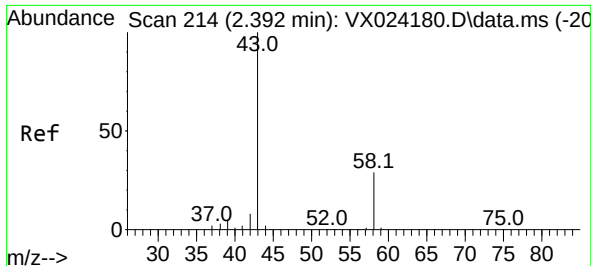


#13

Acrolein
Concen: 0.374 ug/l
RT: 2.050 min Scan# 158
Delta R.T. -0.189 min
Lab File: VX024193.D
Acq: 13 Sep 2021 18:46

Tgt Ion: 56 Resp: 62
Ion Ratio Lower Upper
56 100
55 32.3 56.4 84.6#

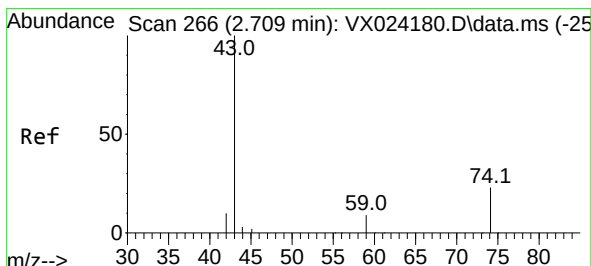
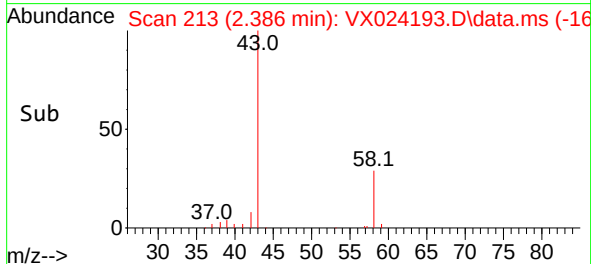
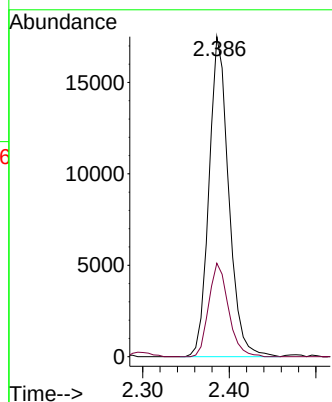
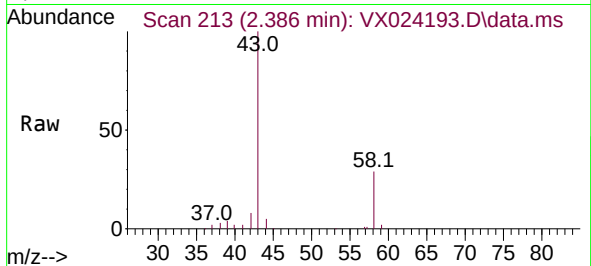




#16
Acetone
Concen: 26.447 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX024193.D
Acq: 13 Sep 2021 18:46

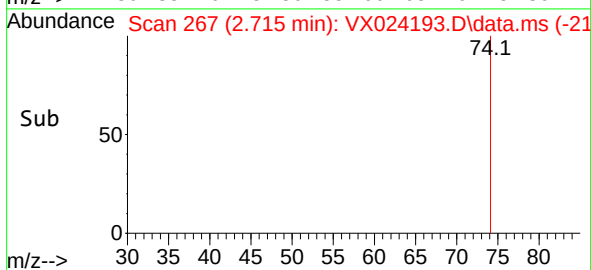
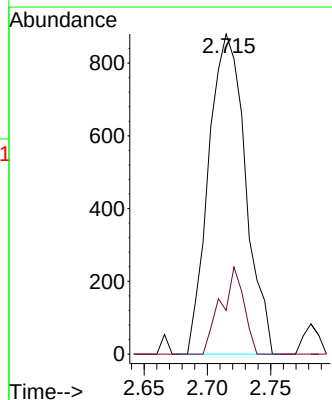
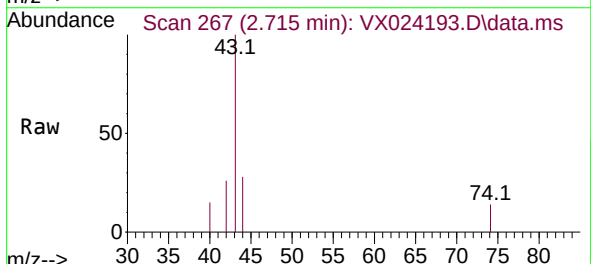
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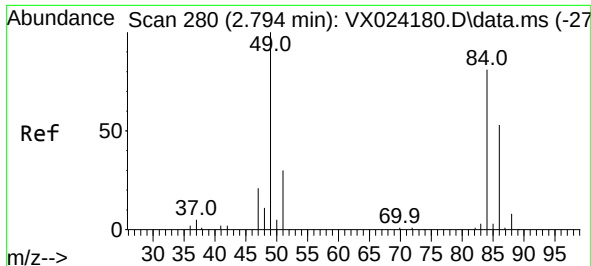
Tgt Ion: 43 Resp: 27671
Ion Ratio Lower Upper
43 100
58 29.2 27.8 41.8



#18
Methyl Acetate
Concen: 0.790 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX024193.D
Acq: 13 Sep 2021 18:46

Tgt Ion: 43 Resp: 1784
Ion Ratio Lower Upper
43 100
74 16.9 21.9 32.9#





#20

Methylene Chloride

Concen: 6.421 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.000 min

Lab File: VX024193.D

Acq: 13 Sep 2021 18:46

Instrument :

MSVOA_X

ClientSampleId :

250EM-DISPOSAL-2

Tgt Ion: 84 Resp: 8531

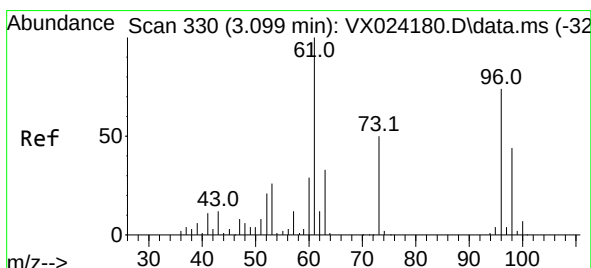
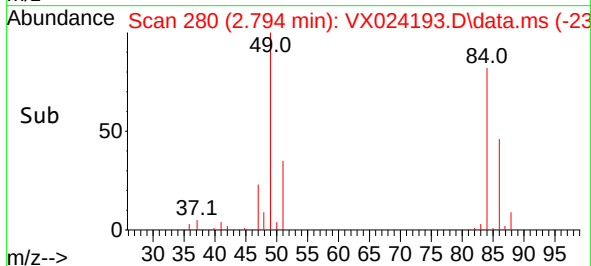
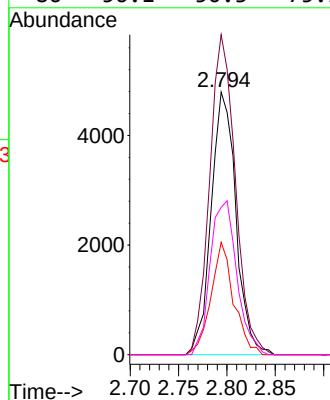
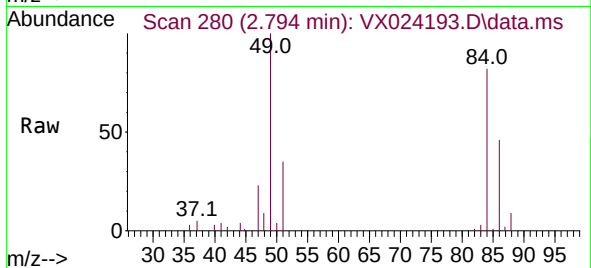
Ion Ratio Lower Upper

84 100

49 121.9 88.6 132.8

51 42.8 27.0 40.6#

86 56.1 50.3 75.5



#21

trans-1,2-Dichloroethene

Concen: 0.455 ug/l

RT: 3.099 min Scan# 330

Delta R.T. -0.000 min

Lab File: VX024193.D

Acq: 13 Sep 2021 18:46

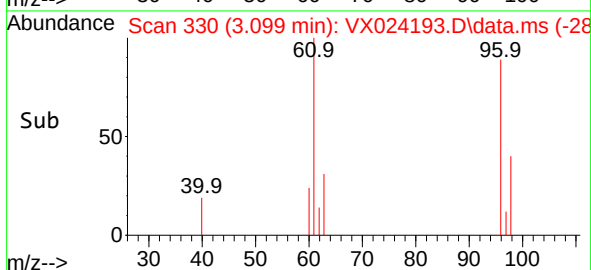
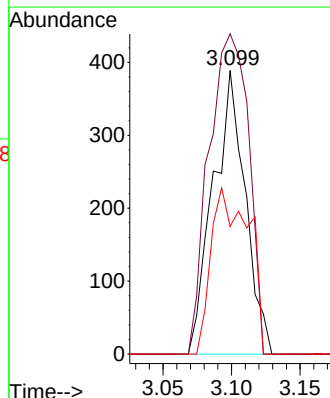
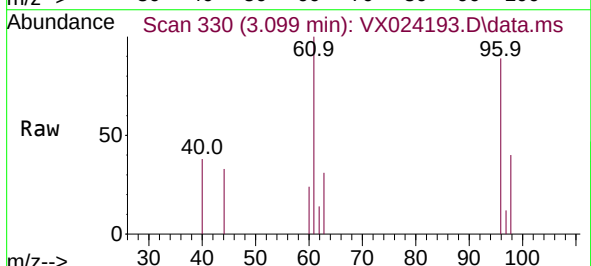
Tgt Ion: 96 Resp: 635

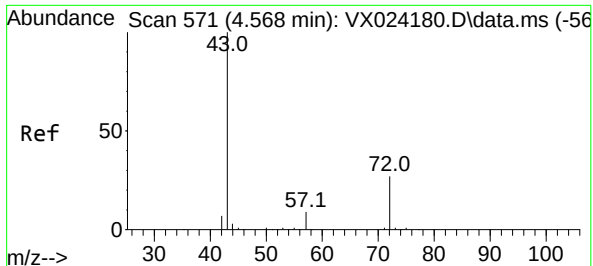
Ion Ratio Lower Upper

96 100

61 112.9 107.7 161.5

98 45.0 50.4 75.6#

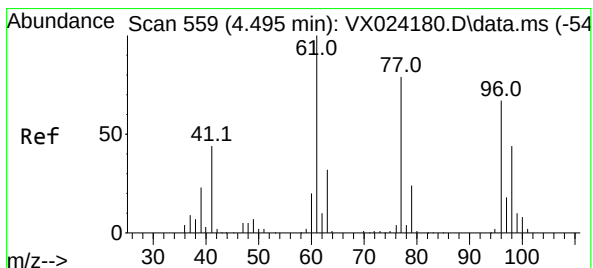
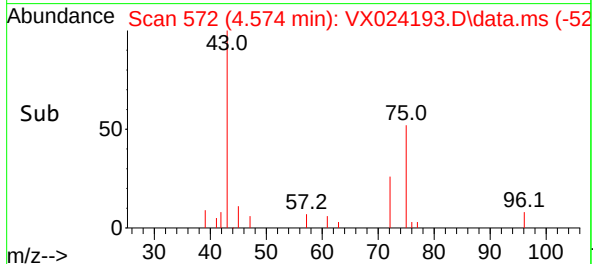
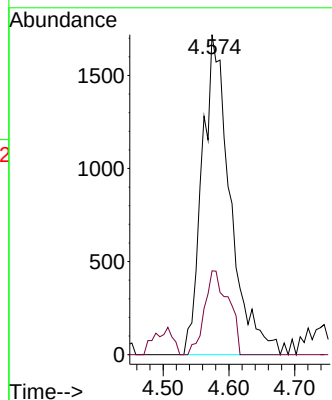
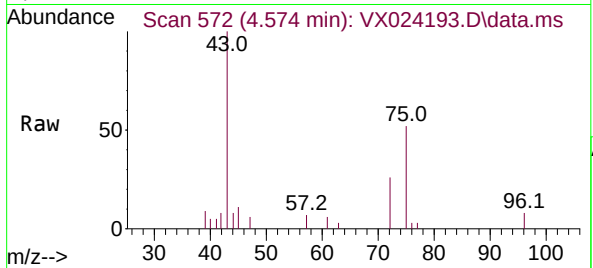




#25
2-Butanone
Concen: 4.013 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.006 min
Lab File: VX024193.D
Acq: 13 Sep 2021 18:46

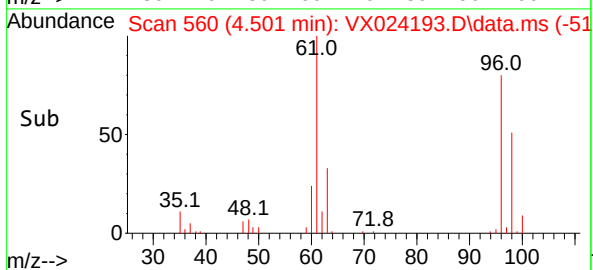
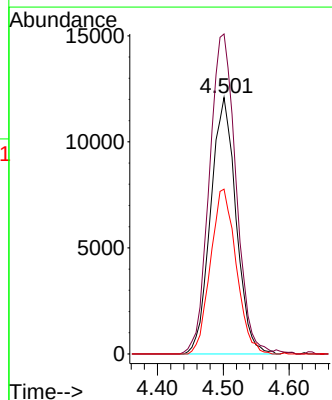
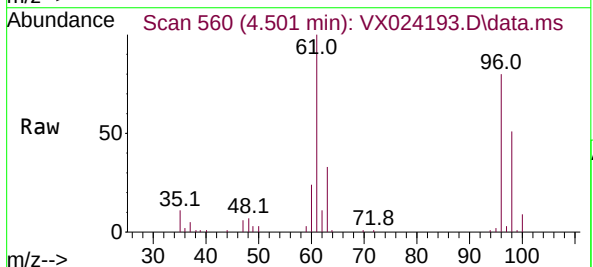
Instrument :
MSVOA_X
ClientSampleId :
250EM-DISPOSAL-2

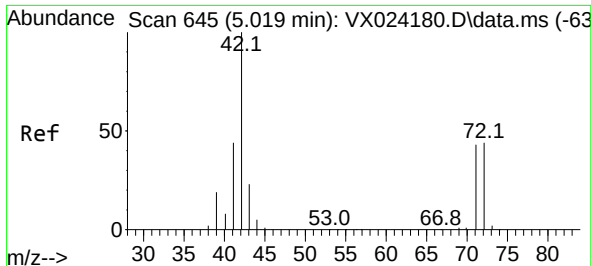
Tgt Ion: 43 Resp: 5106
Ion Ratio Lower Upper
43 100
72 26.2 23.7 35.5



#27
cis-1,2-Dichloroethene
Concen: 19.406 ug/l
RT: 4.501 min Scan# 560
Delta R.T. 0.006 min
Lab File: VX024193.D
Acq: 13 Sep 2021 18:46

Tgt Ion: 96 Resp: 32528
Ion Ratio Lower Upper
96 100
61 131.3 0.0 285.6
98 65.0 0.0 129.6





#29

Tetrahydrofuran

Concen: 1.817 ug/l

RT: 5.019 min Scan# 645

Delta R.T. 0.000 min

Lab File: VX024193.D

Acq: 13 Sep 2021 18:46

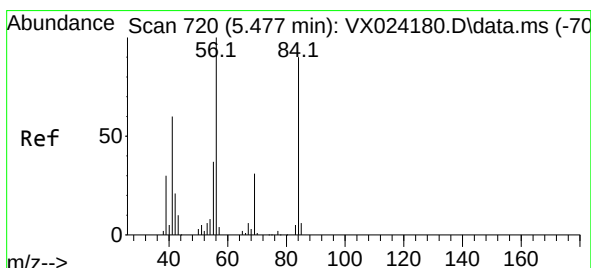
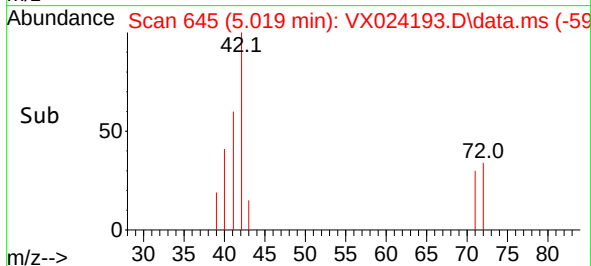
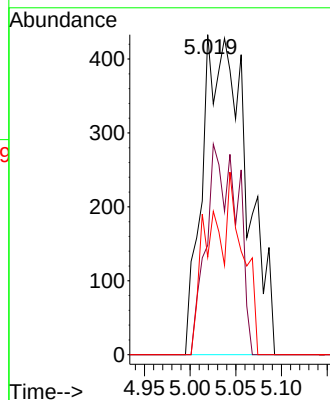
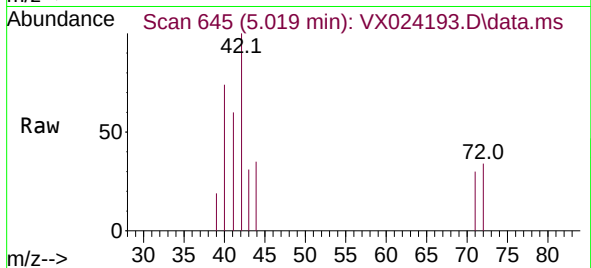
Tgt Ion:	42	Resp:	1455
Ion	Ratio	Lower	Upper
42	100		
72	27.4	41.7	62.5#
71	0.0	38.4	57.6#

Instrument :

MSVOA_X

ClientSampleId :

250EM-DISPOSAL-2



#31

Cyclohexane

Concen: 1.396 ug/l

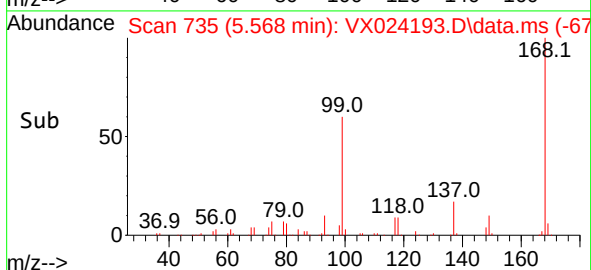
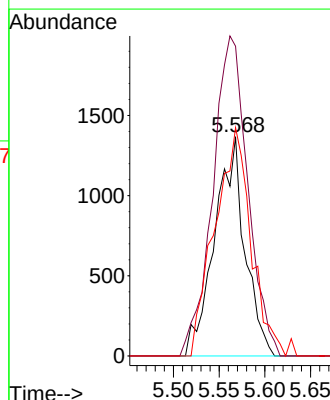
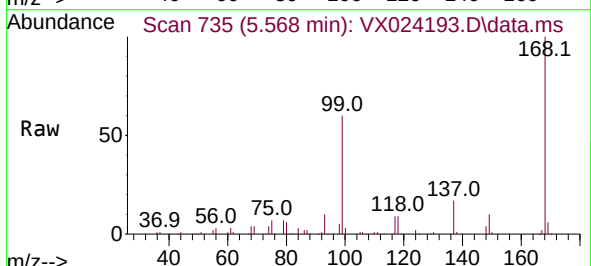
RT: 5.568 min Scan# 735

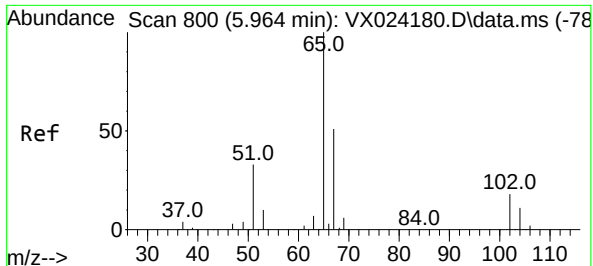
Delta R.T. 0.091 min

Lab File: VX024193.D

Acq: 13 Sep 2021 18:46

Tgt Ion:	56	Resp:	3159
Ion	Ratio	Lower	Upper
56	100		
69	141.3	25.3	37.9#
84	104.2	71.4	107.0



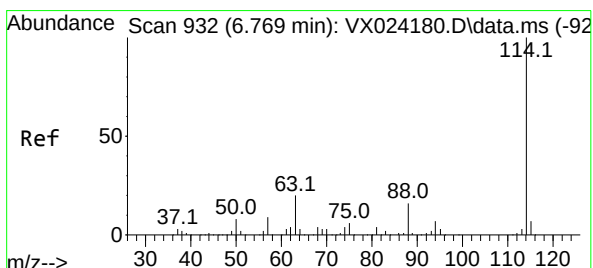
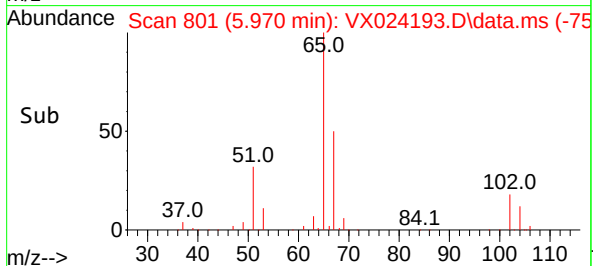
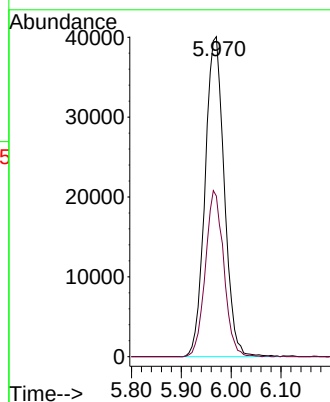
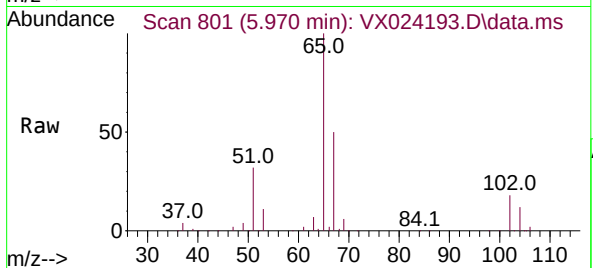


#33

1,2-Dichloroethane-d4
Concen: 52.769 ug/l
RT: 5.970 min Scan# 801
Delta R.T. 0.006 min
Lab File: VX024193.D
Acq: 13 Sep 2021 18:46

Instrument :
MSVOA_X
ClientSampleId :
250EM-DISPOSAL-2

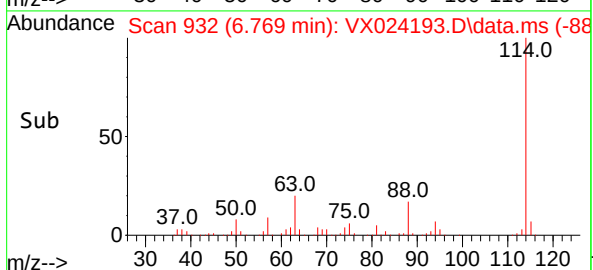
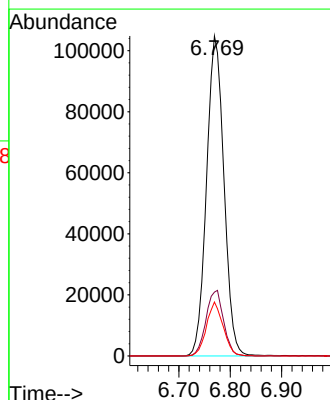
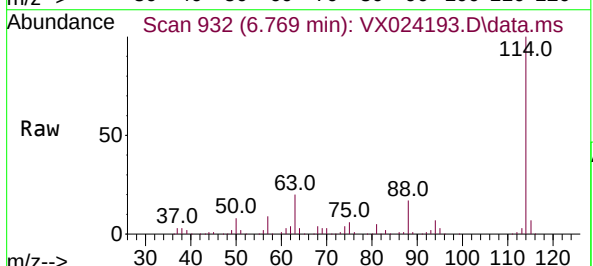
Tgt Ion: 65 Resp: 107143
Ion Ratio Lower Upper
65 100
67 49.8 0.0 105.4

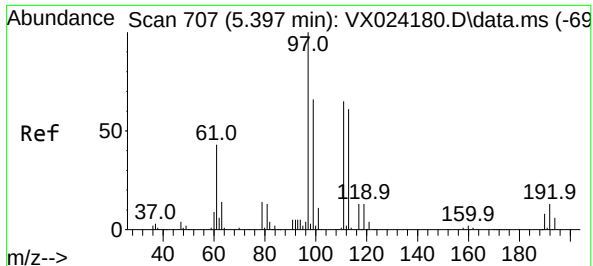


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX024193.D
Acq: 13 Sep 2021 18:46

Tgt Ion: 114 Resp: 246368
Ion Ratio Lower Upper
114 100
63 20.0 0.0 40.8
88 16.8 0.0 32.8





#35

Dibromofluoromethane

Concen: 48.510 ug/l

RT: 5.397 min Scan# 707

Delta R.T. 0.000 min

Lab File: VX024193.D

Acq: 13 Sep 2021 18:46

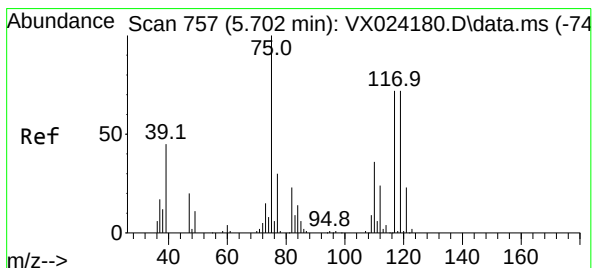
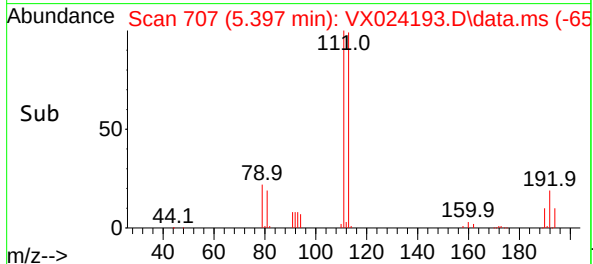
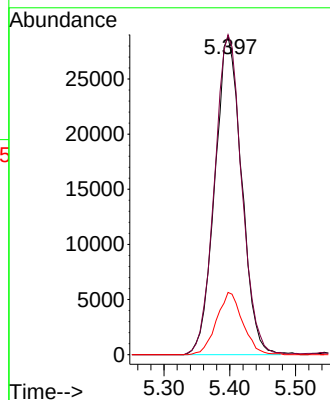
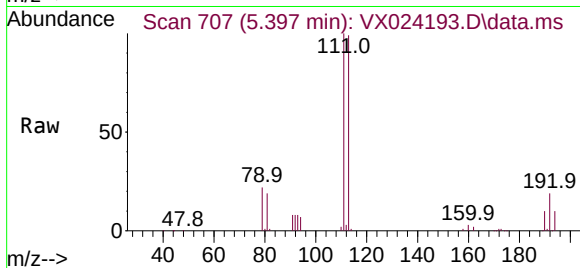
Tgt Ion:113 Resp: 81773

Ion Ratio Lower Upper

113 100

111 102.3 81.9 122.9

192 19.1 16.7 25.1



#36

1,1-Dichloropropene

Concen: 5.176 ug/l

RT: 5.562 min Scan# 734

Delta R.T. -0.140 min

Lab File: VX024193.D

Acq: 13 Sep 2021 18:46

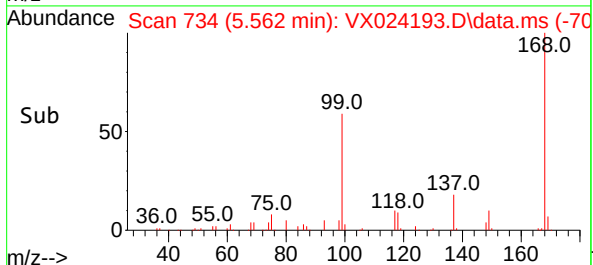
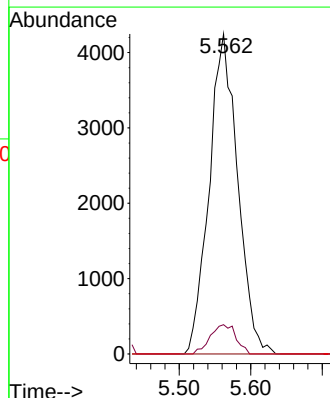
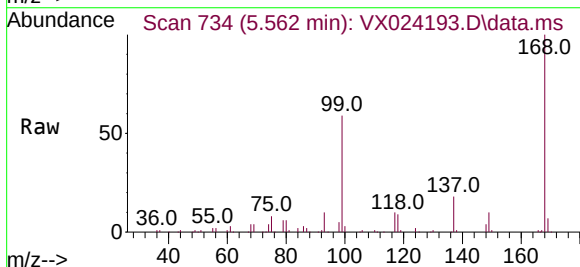
Tgt Ion: 75 Resp: 11769

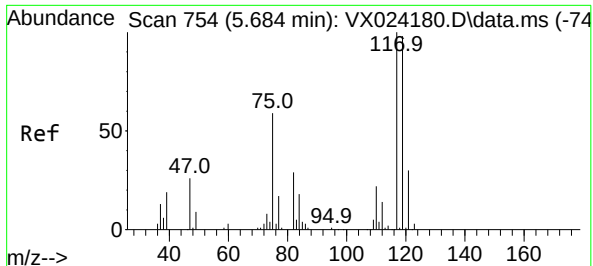
Ion Ratio Lower Upper

75 100

110 8.3 18.1 54.4#

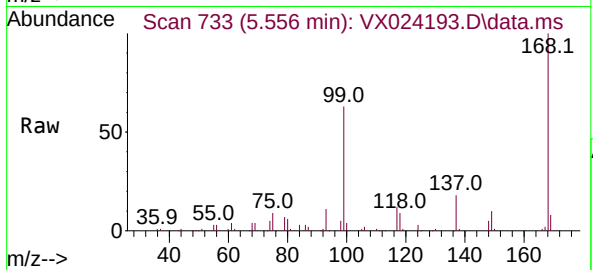
77 0.0 25.3 37.9#



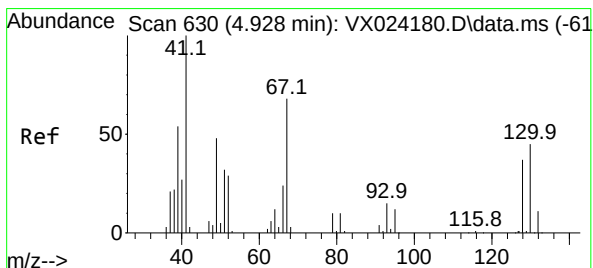
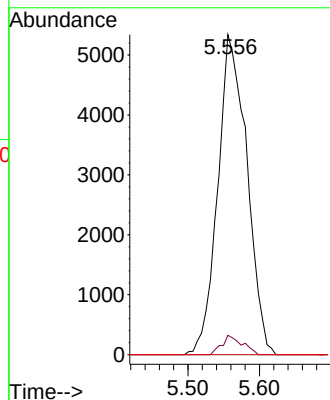
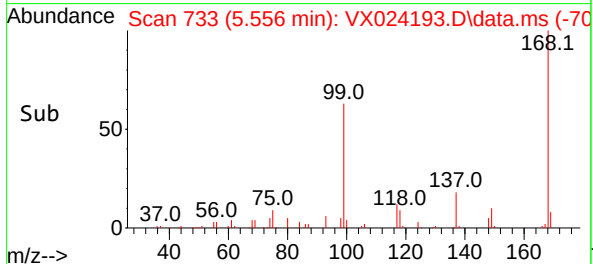


#38
Carbon Tetrachloride
Concen: 6.072 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX024193.D
Acq: 13 Sep 2021 18:46

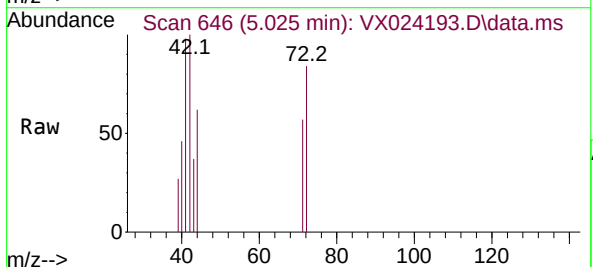
Instrument :
MSVOA_X
ClientSampleId :
250EM-DISPOSAL-2



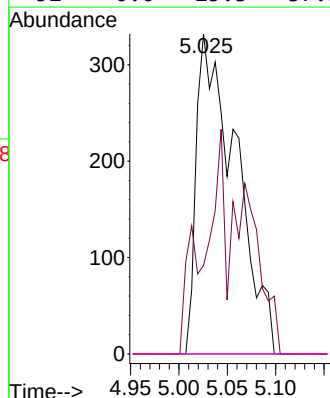
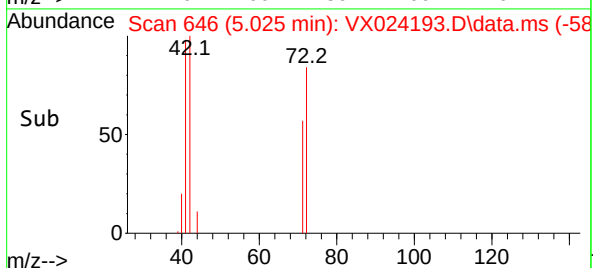
Tgt Ion: 117 Resp: 15111
Ion Ratio Lower Upper
117 100
119 6.1 76.2 114.2#
121 0.0 24.8 37.2#

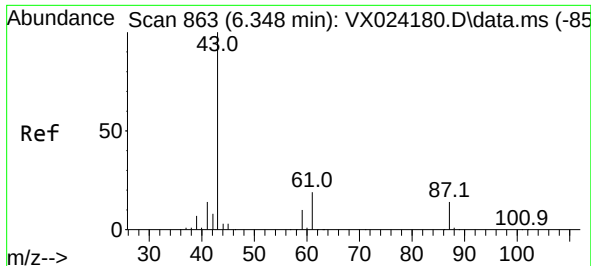


#41
Methacrylonitrile
Concen: 0.683 ug/l
RT: 5.025 min Scan# 646
Delta R.T. 0.097 min
Lab File: VX024193.D
Acq: 13 Sep 2021 18:46



Tgt Ion: 41 Resp: 941
Ion Ratio Lower Upper
41 100
39 12.1 42.5 63.7#
67 0.0 65.0 97.6#
52 0.0 25.3 37.9#

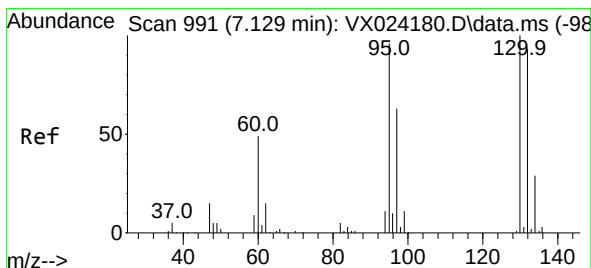
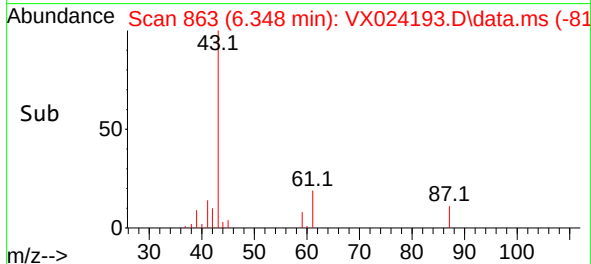
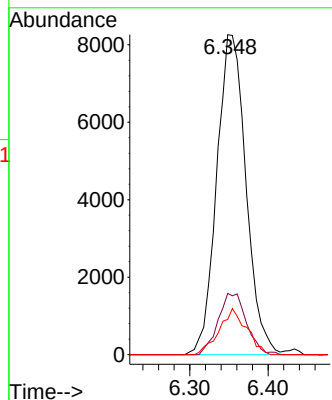
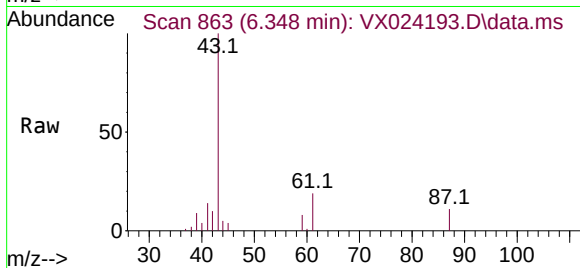




#43
Isopropyl Acetate
Concen: 5.105 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.000 min
Lab File: VX024193.D
Acq: 13 Sep 2021 18:46

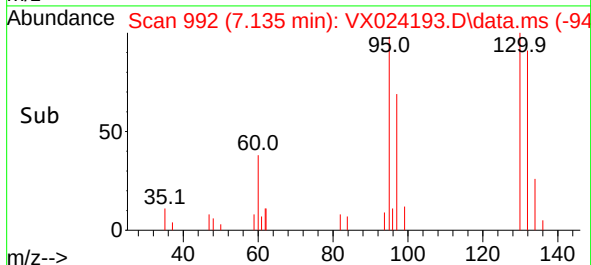
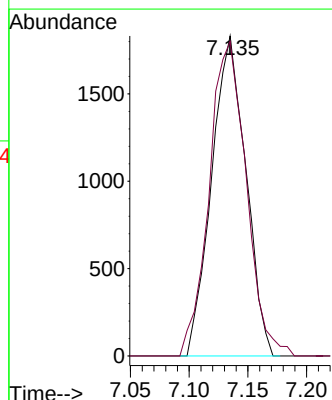
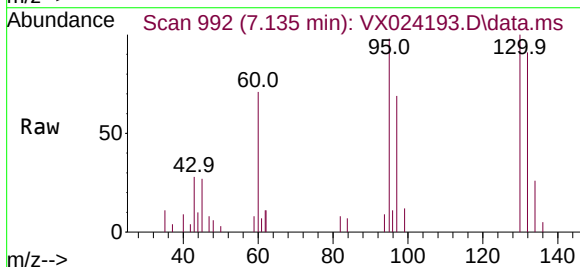
Instrument :
MSVOA_X
ClientSampleId :
250EM-DISPOSAL-2

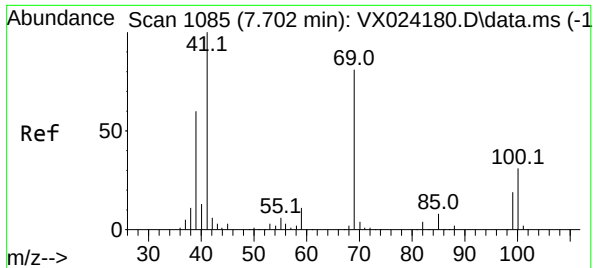
Tgt Ion:	43	Resp:	21435
Ion	Ratio	Lower	Upper
43	100		
61	18.6	18.2	27.4
87	13.5	12.5	18.7



#44
Trichloroethene
Concen: 2.052 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.006 min
Lab File: VX024193.D
Acq: 13 Sep 2021 18:46

Tgt Ion:	130	Resp:	3713
Ion	Ratio	Lower	Upper
130	100		
95	98.3	0.0	198.0

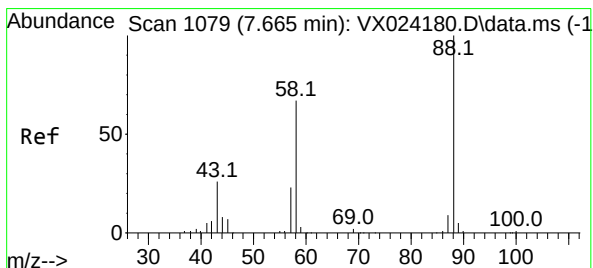
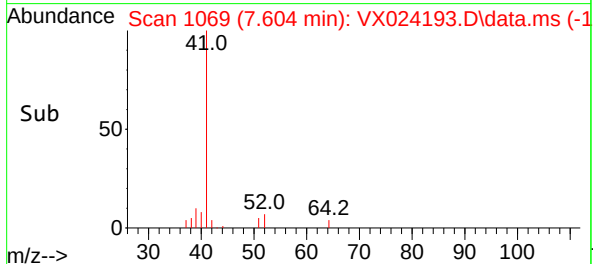
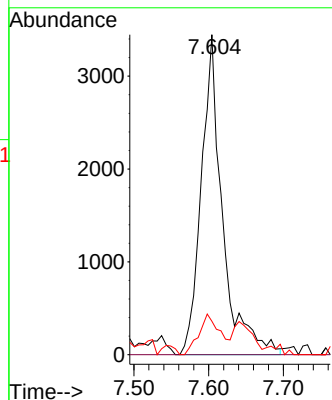
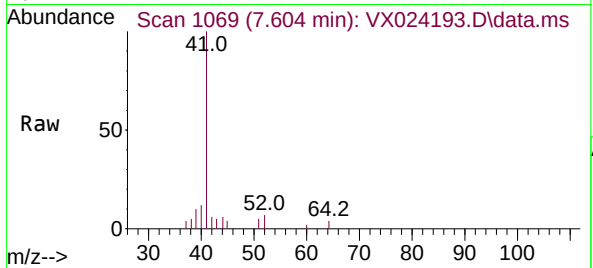




#48
Methyl methacrylate
Concen: 3.408 ug/l
RT: 7.604 min Scan# 1069
Delta R.T. -0.098 min
Lab File: VX024193.D
Acq: 13 Sep 2021 18:46

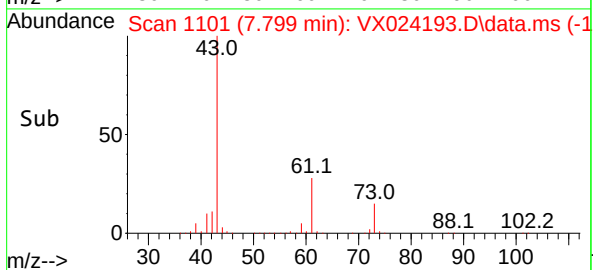
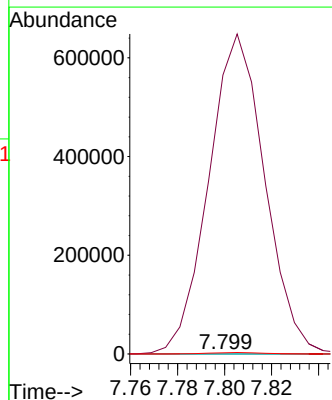
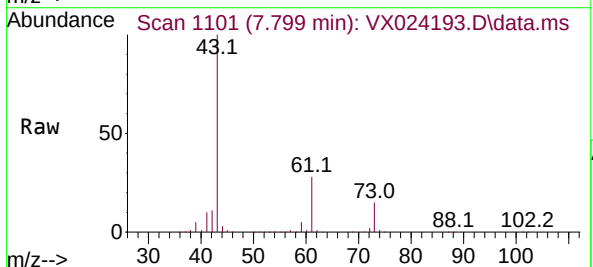
Instrument :
MSVOA_X
ClientSampleId :
250EM-DISPOSAL-2

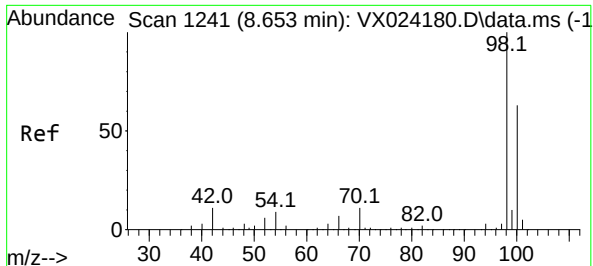
Tgt Ion: 41 Resp: 6801
Ion Ratio Lower Upper
41 100
69 0.0 76.0 114.0#
39 0.0 44.6 67.0#



#49
1,4-Dioxane
Concen: 3.253 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.134 min
Lab File: VX024193.D
Acq: 13 Sep 2021 18:46

Tgt Ion: 88 Resp: 148
Ion Ratio Lower Upper
88 100
43 731725.0 23.2 34.8#
58 3221.6 55.0 82.4#





#50

Toluene-d8

Concen: 50.328 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX024193.D

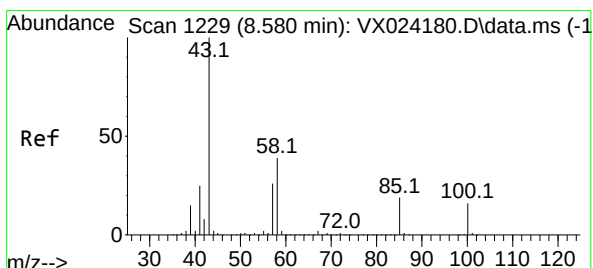
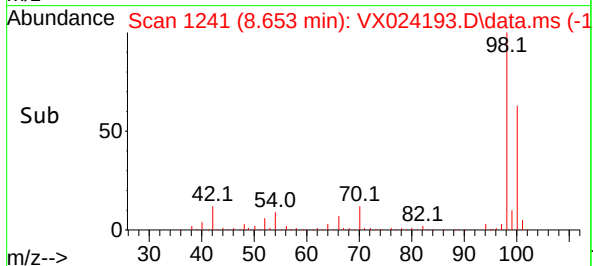
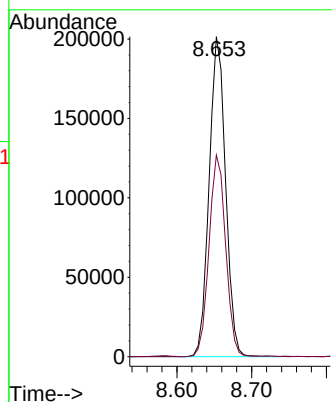
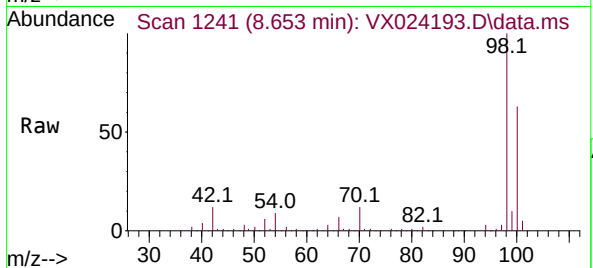
Acq: 13 Sep 2021 18:46

Tgt Ion: 98 Resp: 308131

Ion Ratio Lower Upper

98 100

100 63.8 51.9 77.9



#51

4-Methyl-2-Pentanone

Concen: 30.965 ug/l

RT: 8.555 min Scan# 1225

Delta R.T. -0.025 min

Lab File: VX024193.D

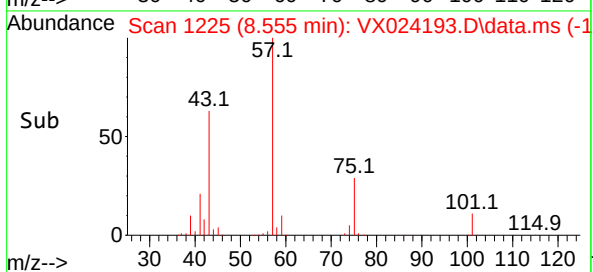
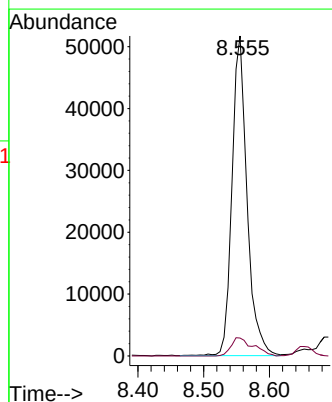
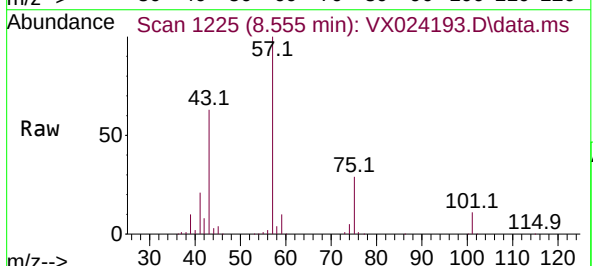
Acq: 13 Sep 2021 18:46

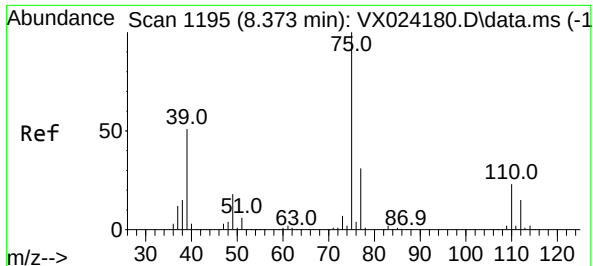
Tgt Ion: 43 Resp: 82088

Ion Ratio Lower Upper

43 100

58 8.5 35.4 53.0#

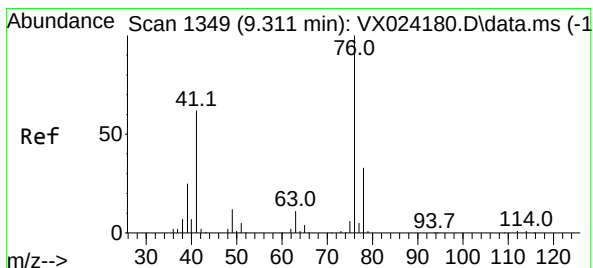
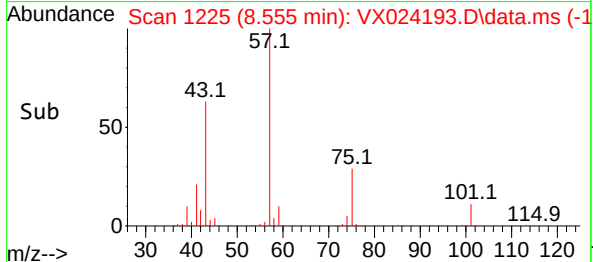
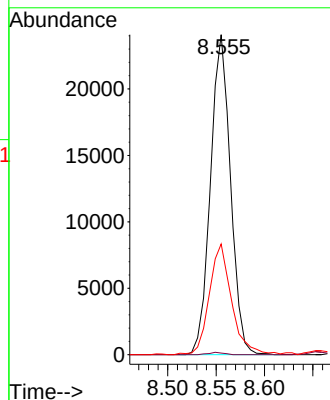
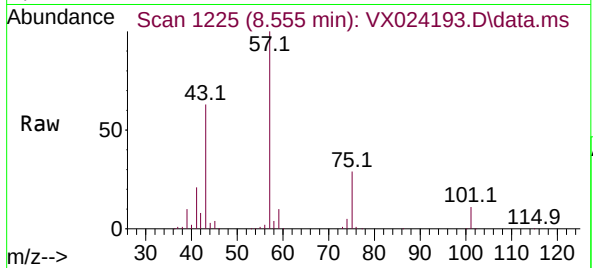




#54
 cis-1,3-Dichloropropene
 Concen: 12.702 ug/l
 RT: 8.555 min Scan# 1225
 Delta R.T. 0.182 min
 Lab File: VX024193.D
 Acq: 13 Sep 2021 18:46

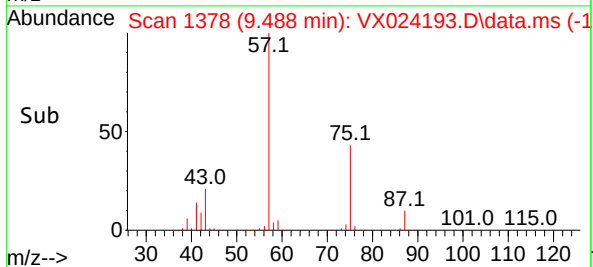
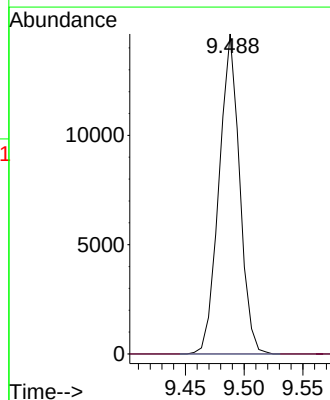
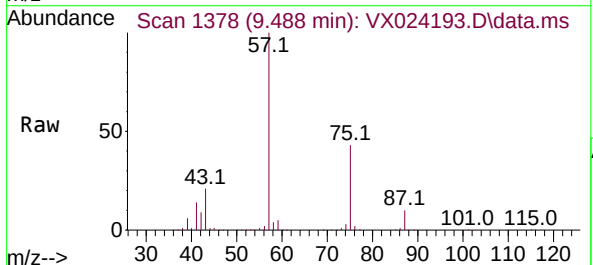
Instrument :
 MSVOA_X
 ClientSampleId :
 250EM-DISPOSAL-2

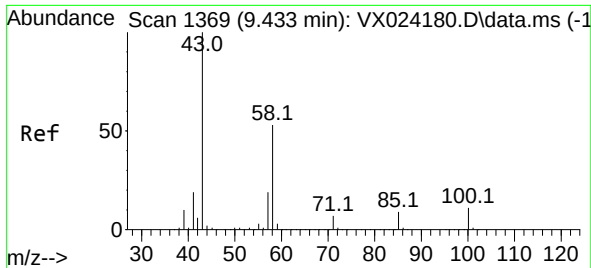
Tgt Ion: 75 Resp: 34680
 Ion Ratio Lower Upper
 75 100
 77 0.5 25.7 38.5#
 39 34.3 35.1 52.7#



#57
 1,3-Dichloropropane
 Concen: 6.128 ug/l
 RT: 9.488 min Scan# 1378
 Delta R.T. 0.177 min
 Lab File: VX024193.D
 Acq: 13 Sep 2021 18:46

Tgt Ion: 76 Resp: 17836
 Ion Ratio Lower Upper
 76 100
 78 0.0 26.2 39.2#

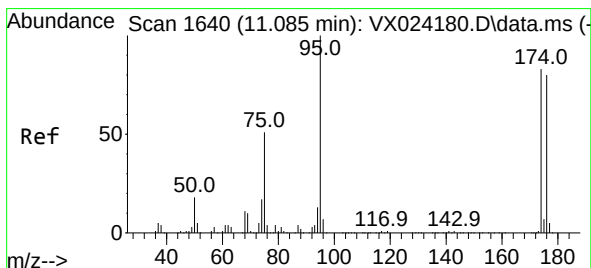
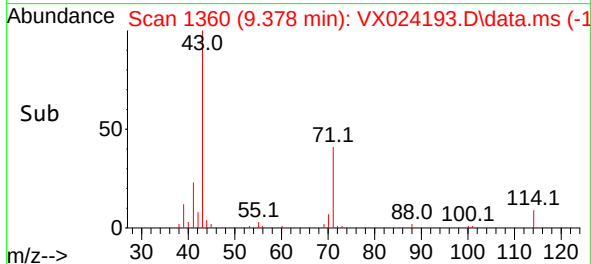
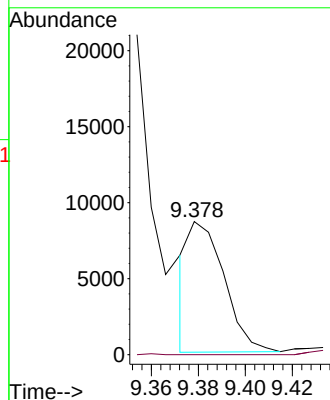
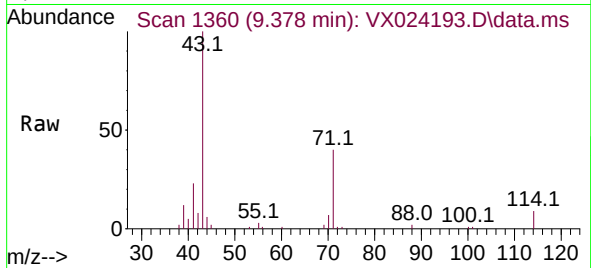




#59
2-Hexanone
Concen: 4.350 ug/l
RT: 9.378 min Scan# 1360
Delta R.T. -0.055 min
Lab File: VX024193.D
Acq: 13 Sep 2021 18:46

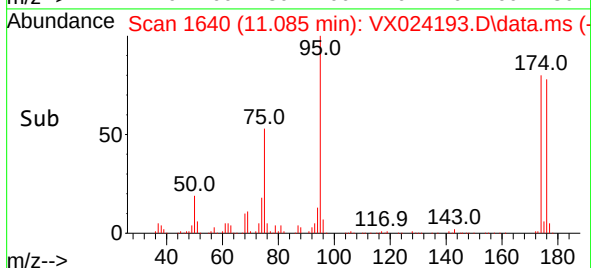
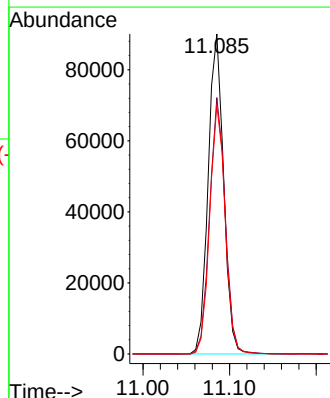
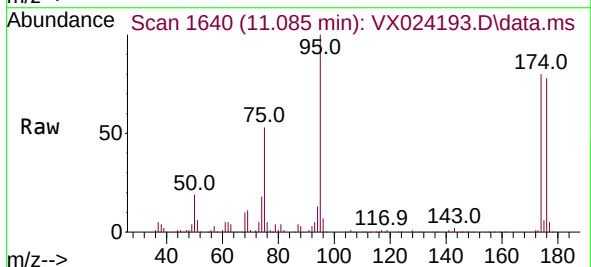
Instrument :
MSVOA_X
ClientSampleId :
250EM-DISPOSAL-2

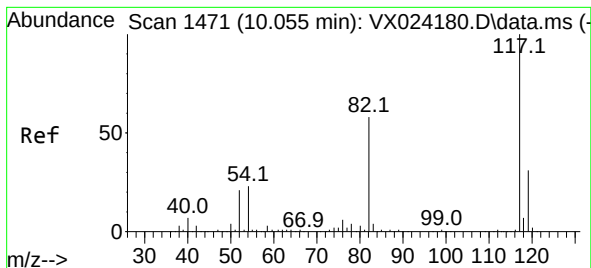
Tgt Ion: 43 Resp: 9028
Ion Ratio Lower Upper
43 100
58 0.0 30.9 92.8#



#62
4-Bromofluorobenzene
Concen: 47.313 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024193.D
Acq: 13 Sep 2021 18:46

Tgt Ion: 95 Resp: 111698
Ion Ratio Lower Upper
95 100
174 80.9 0.0 154.6
176 77.5 0.0 155.8

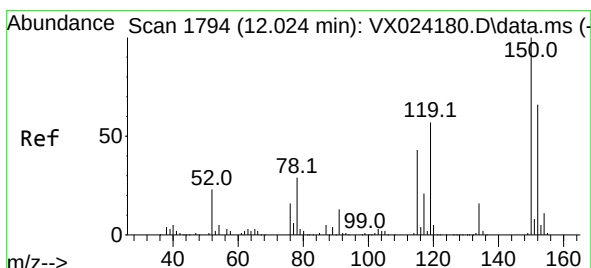
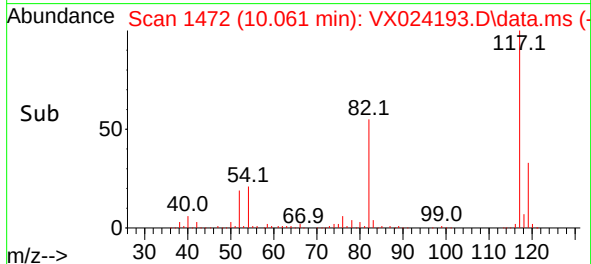
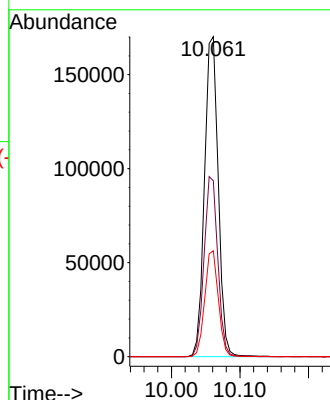
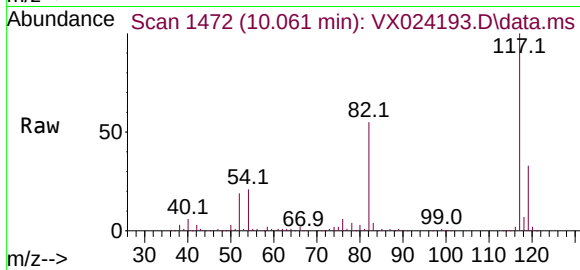




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VX024193.D
Acq: 13 Sep 2021 18:46

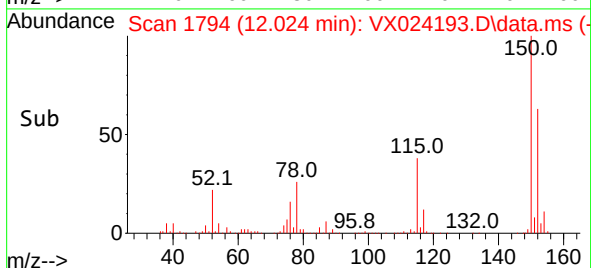
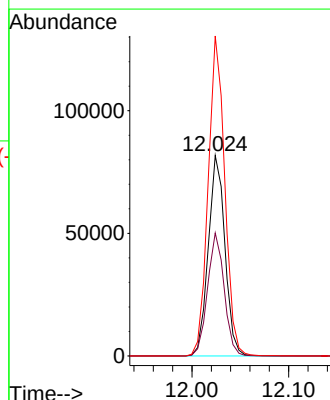
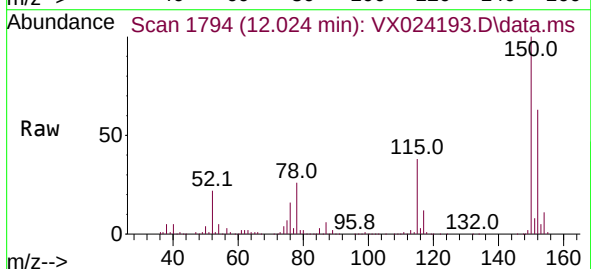
Instrument :
MSVOA_X
ClientSampleId :
250EM-DISPOSAL-2

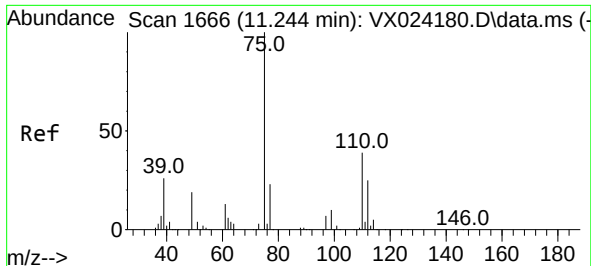
Tgt Ion:117 Resp: 237888
Ion Ratio Lower Upper
117 100
82 55.0 47.4 71.2
119 33.1 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024193.D
Acq: 13 Sep 2021 18:46

Tgt Ion:152 Resp: 98097
Ion Ratio Lower Upper
152 100
115 61.1 41.1 123.3
150 158.8 0.0 349.0

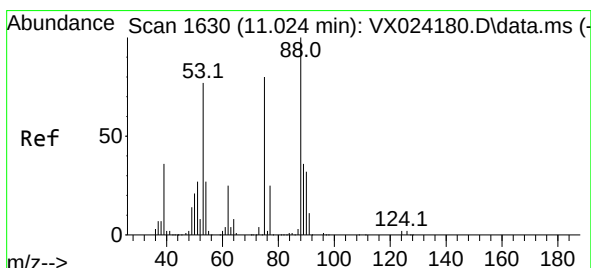
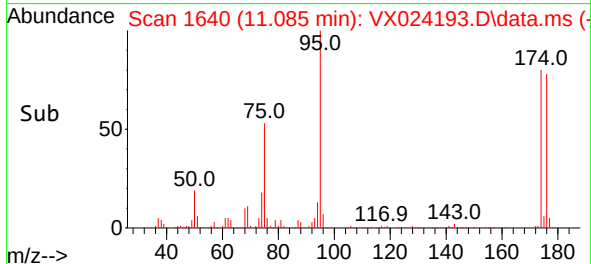
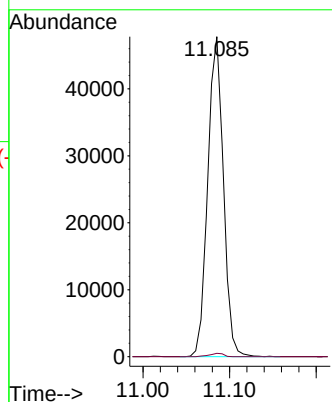
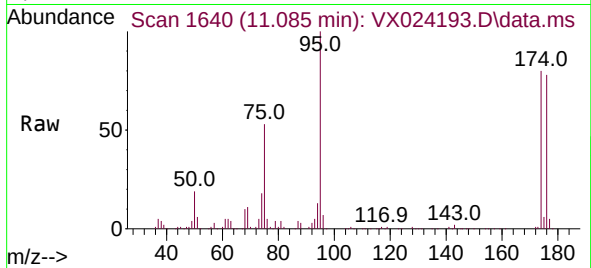




#76
1,2,3-Trichloropropane
Concen: 27.108 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024193.D
Acq: 13 Sep 2021 18:46

Instrument :
MSVOA_X
ClientSampleId :
250EM-DISPOSAL-2

Tgt Ion: 75 Resp: 59948
Ion Ratio Lower Upper
75 100
77 0.9 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 80.029 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX024193.D
Acq: 13 Sep 2021 18:46

Tgt Ion: 75 Resp: 59948
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

