

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060821\
 Data File : VX022599.D
 Acq On : 09 Jun 2021 05:50
 Operator : JC/MD
 Sample : M2625-38
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

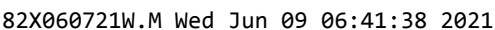
Quant Time: Jun 09 06:41:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 07 14:27:50 2021
 Response via : Initial Calibration

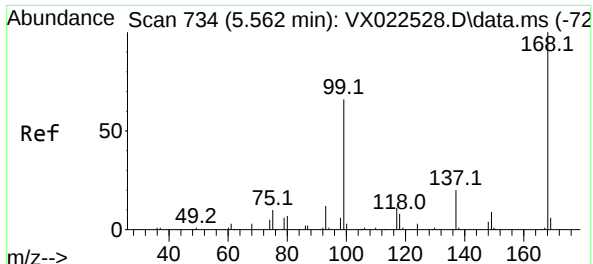
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.562	168	57177	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	115225	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	108350	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	42752	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	47968	47.191	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.380%
35) Dibromofluoromethane	5.391	113	35117	48.711	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.420%
50) Toluene-d8	8.653	98	147320	51.215	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	102.420%
62) 4-Bromofluorobenzene	11.085	95	51667	48.323	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.640%
Target Compounds						
						Qvalue
11) Tert butyl alcohol	2.953	59	672	2.947	ug/l	# 73
13) Acrolein	2.026	56	25	3.347	ug/l	# 14
16) Acetone	2.386	43	5659	12.390	ug/l	98
17) Carbon Disulfide	2.520	76	64	3.417	ug/l	# 75
18) Methyl Acetate	2.721	43	1307	1.038	ug/l	90
20) Methylene Chloride	2.794	84	4238	4.444	ug/l	# 75
25) 2-Butanone	4.580	43	1310	1.735	ug/l	# 80
29) Tetrahydrofuran	5.025	42	176	0.397	ug/l	# 27
31) Cyclohexane	5.550	56	1571	1.307	ug/l	# 61
36) 1,1-Dichloropropene	5.562	75	5653	5.071	ug/l	# 47
38) Carbon Tetrachloride	5.568	117	6471	8.074	ug/l	# 18
43) Isopropyl Acetate	6.348	43	11350	4.894	ug/l	# 93
48) Methyl methacrylate	7.598	41	3509	3.251	ug/l	# 10
51) 4-Methyl-2-Pentanone	8.555	43	41395	28.650	ug/l	# 45
54) cis-1,3-Dichloropropene	8.555	75	18314	14.009	ug/l	# 64
56) Ethyl methacrylate	9.250	69	60	2.737	ug/l	# 1
57) 1,3-Dichloropropane	9.488	76	10760	7.071	ug/l	# 42
59) 2-Hexanone	9.378	43	4848	4.392	ug/l	# 19
74) N-amyl acetate	10.787	43	426	0.228	ug/l	# 38
76) 1,2,3-Trichloropropane	11.085	75	27732	25.039	ug/l	# 39
81) trans-1,4-Dichloro-2-b...	11.085	75	27732	61.954	ug/l	# 12

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

Quant Time: Jun 09 06:41:35 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060721W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 07 14:27:50 2021
Response via : Initial Calibration

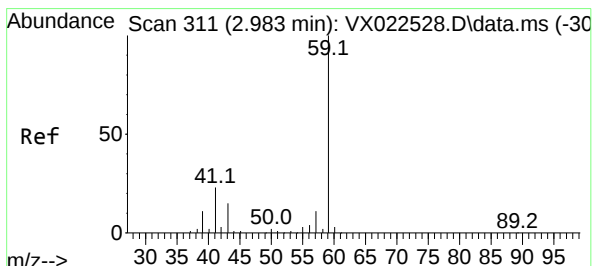
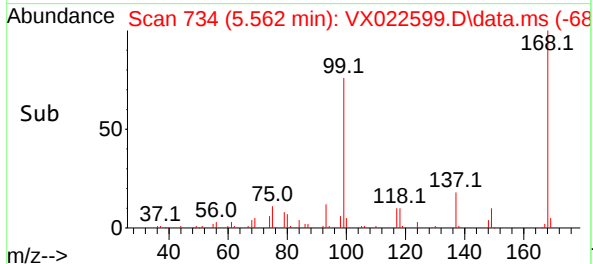
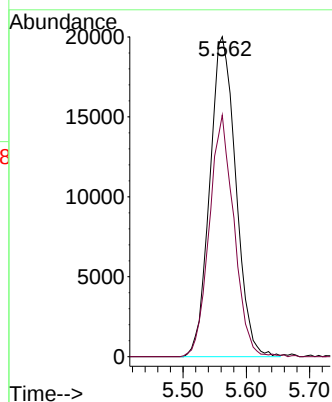
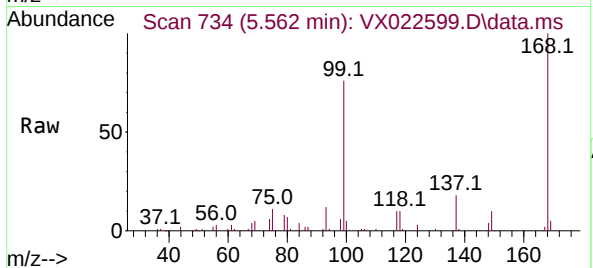




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022599.D
Acq: 09 Jun 2021 05:50

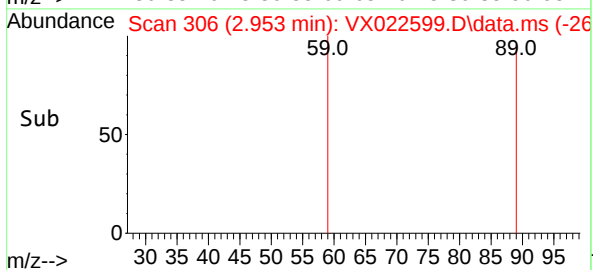
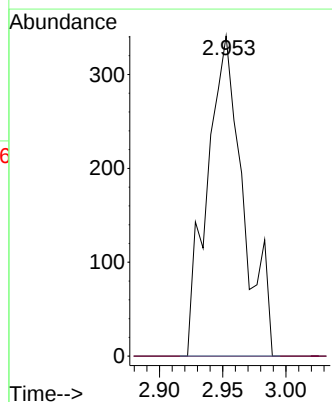
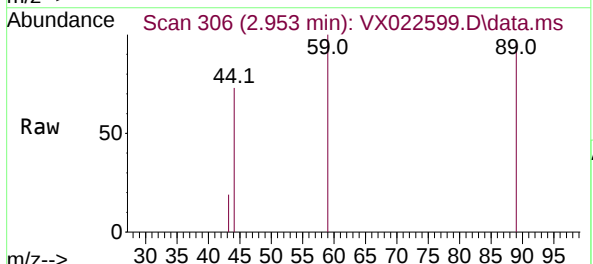
Instrument :
MSVOA_X
ClientSampleId :

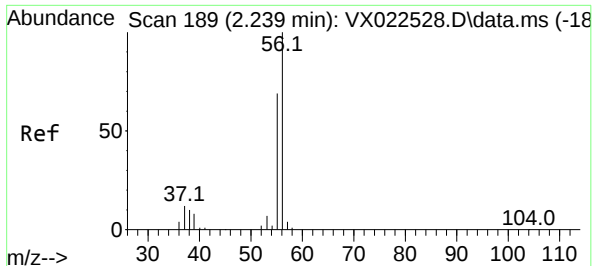
Tgt Ion:168 Resp: 57177
Ion Ratio Lower Upper
168 100
99 75.5 45.8 68.6#



#11
Tert butyl alcohol
Concen: 2.947 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.030 min
Lab File: VX022599.D
Acq: 09 Jun 2021 05:50

Tgt Ion: 59 Resp: 672
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

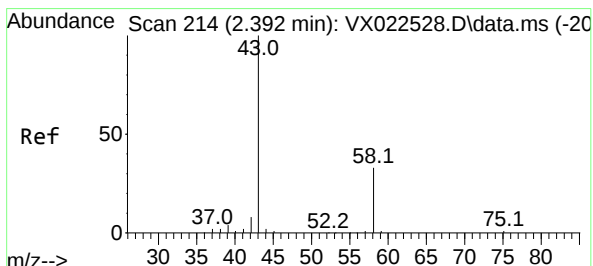
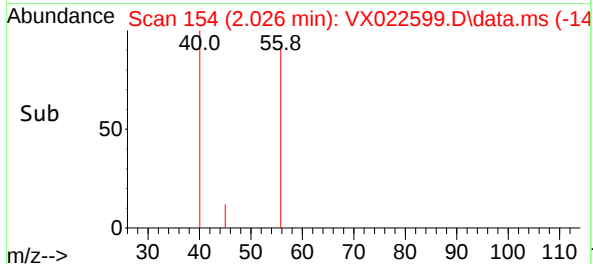
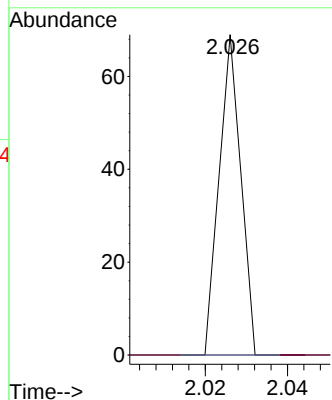
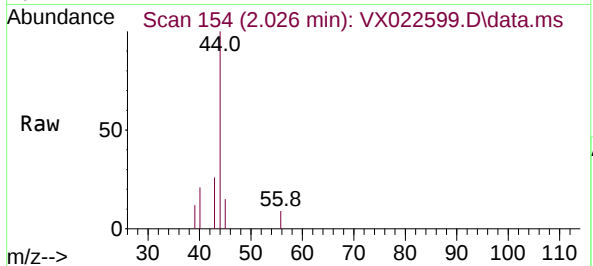




#13
Acrolein
Concen: 3.347 ug/l
RT: 2.026 min Scan# 154
Delta R.T. -0.213 min
Lab File: VX022599.D
Acq: 09 Jun 2021 05:50

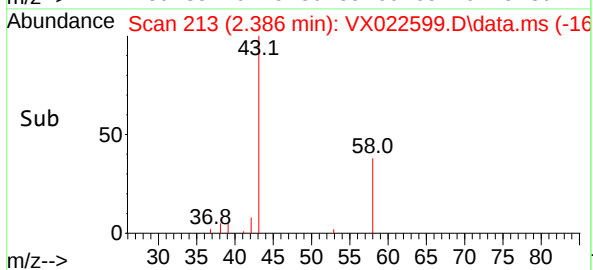
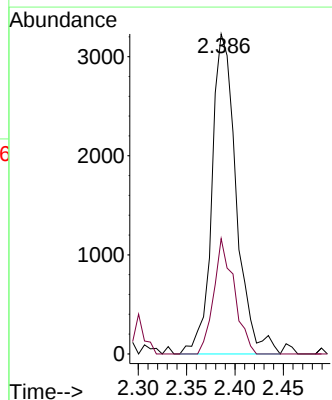
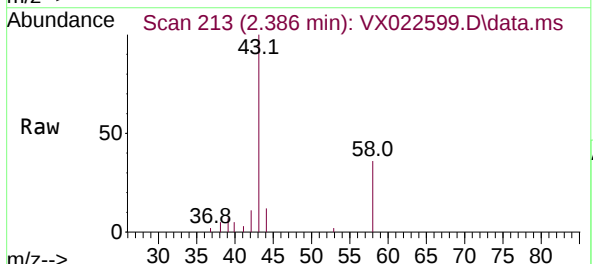
Instrument :
MSVOA_X
ClientSampled :

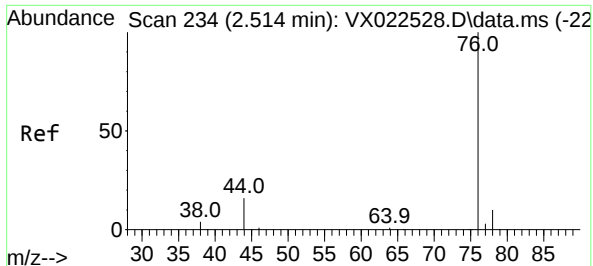
Tgt Ion: 56 Resp: 25
Ion Ratio Lower Upper
56 100
55 0.0 56.4 84.6#



#16
Acetone
Concen: 12.390 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022599.D
Acq: 09 Jun 2021 05:50

Tgt Ion: 43 Resp: 5659
Ion Ratio Lower Upper
43 100
58 36.0 27.8 41.8

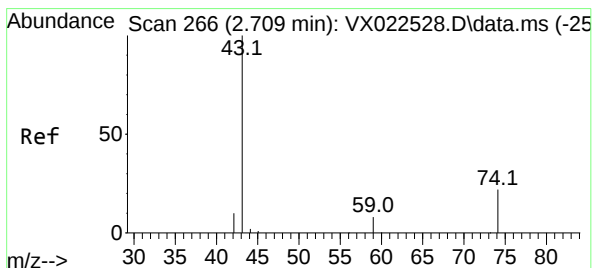
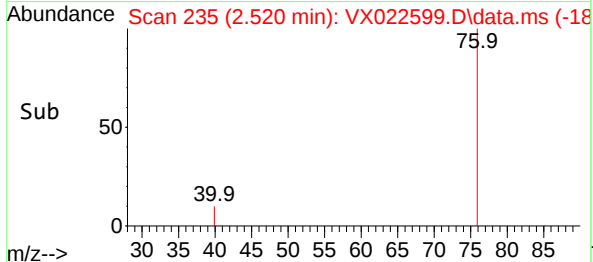
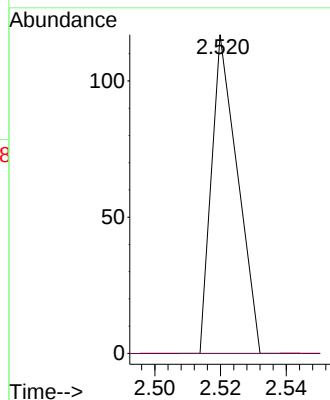
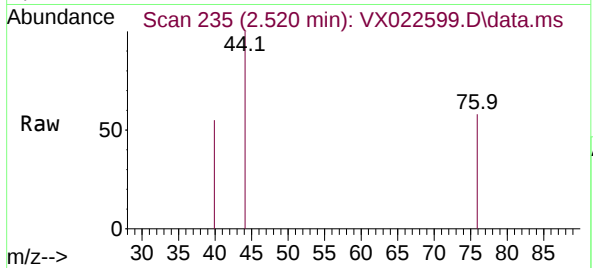




#17
Carbon Disulfide
Concen: 3.417 ug/l
RT: 2.520 min Scan# 235
Delta R.T. 0.006 min
Lab File: VX022599.D
Acq: 09 Jun 2021 05:50

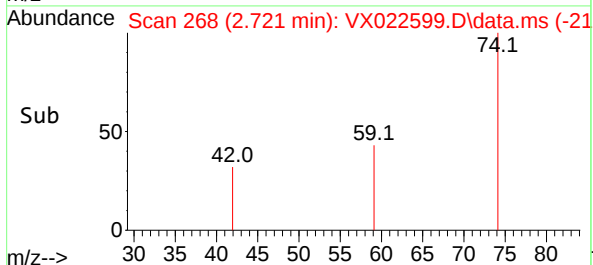
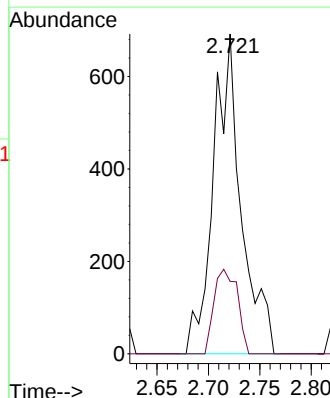
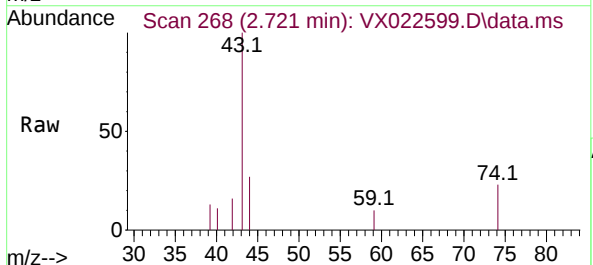
Instrument :
MSVOA_X
ClientSampled :

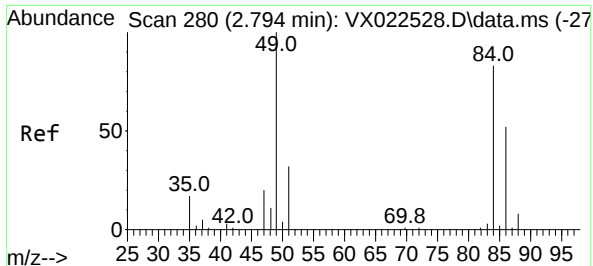
Tgt Ion: 76 Resp: 64
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#18
Methyl Acetate
Concen: 1.038 ug/l
RT: 2.721 min Scan# 268
Delta R.T. 0.012 min
Lab File: VX022599.D
Acq: 09 Jun 2021 05:50

Tgt Ion: 43 Resp: 1307
Ion Ratio Lower Upper
43 100
74 22.1 21.9 32.9





#20

Methylene Chloride

Concen: 4.444 ug/l

RT: 2.794 min Scan# 280

Delta R.T. 0.000 min

Lab File: VX022599.D

Acq: 09 Jun 2021 05:50

Tgt Ion: 84 Resp: 4238

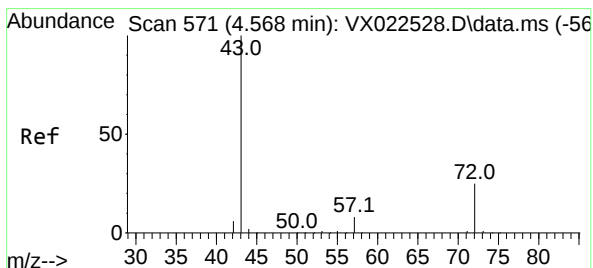
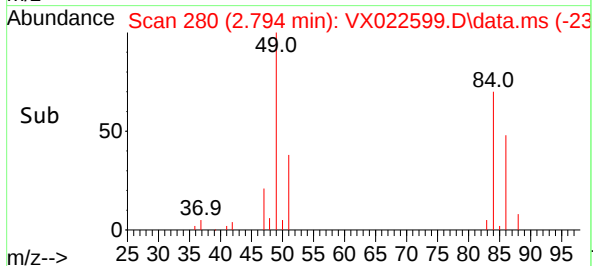
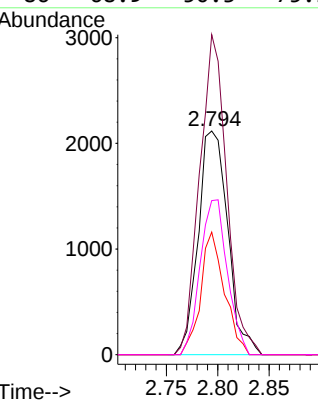
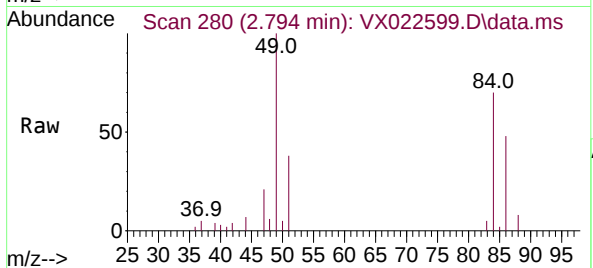
Ion Ratio Lower Upper

84 100

49 143.1 88.6 132.8#

51 54.8 27.0 40.6#

86 68.9 50.3 75.5



#25

2-Butanone

Concen: 1.735 ug/l

RT: 4.580 min Scan# 573

Delta R.T. 0.012 min

Lab File: VX022599.D

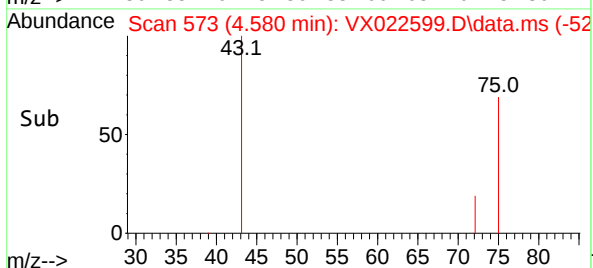
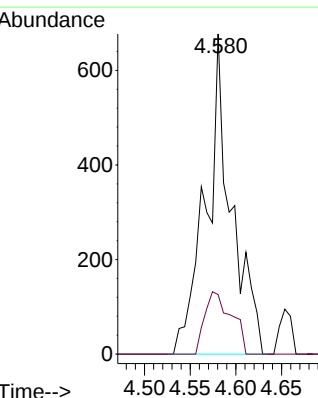
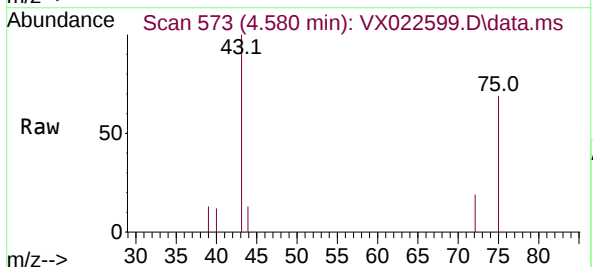
Acq: 09 Jun 2021 05:50

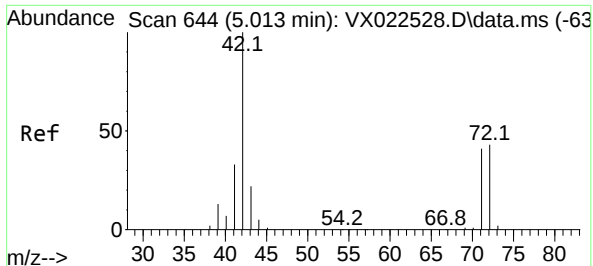
Tgt Ion: 43 Resp: 1310

Ion Ratio Lower Upper

43 100

72 18.6 23.7 35.5#





#29

Tetrahydrofuran

Concen: 0.397 ug/l

RT: 5.025 min Scan# 646

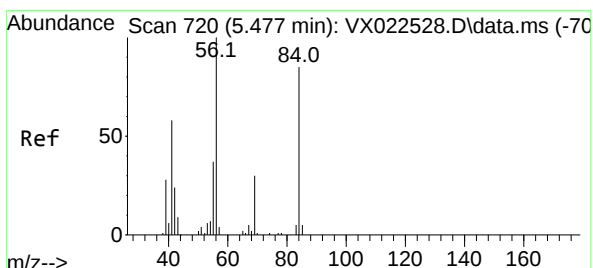
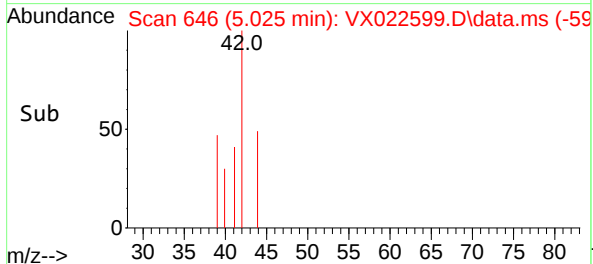
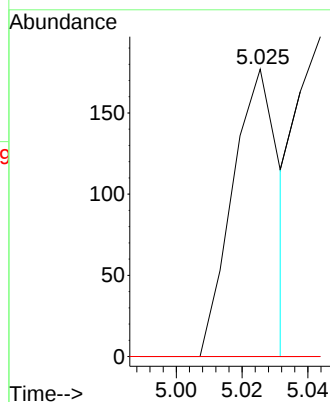
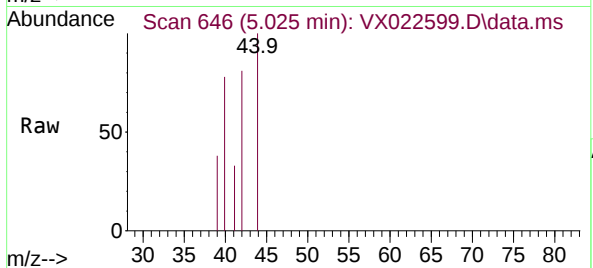
Delta R.T. 0.012 min

Lab File: VX022599.D

Acq: 09 Jun 2021 05:50

Tgt Ion:	42	Resp:	176
Ion	Ratio	Lower	Upper
42	100		
72	0.0	41.7	62.5#
71	0.0	38.4	57.6#

Instrument :
MSVOA_X
ClientSampled :



#31

Cyclohexane

Concen: 1.307 ug/l

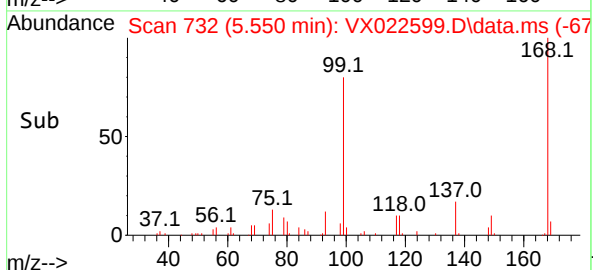
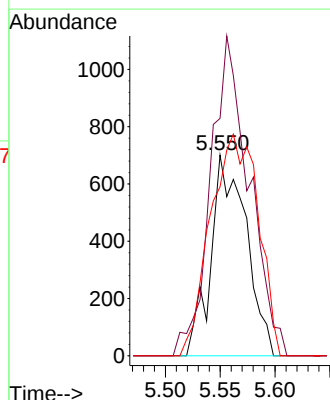
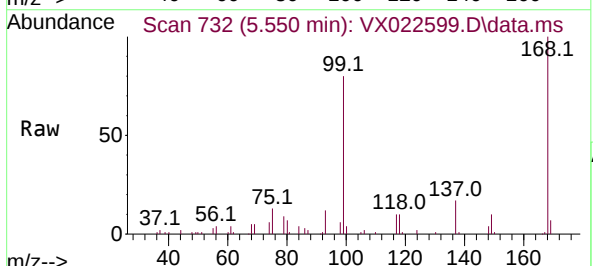
RT: 5.550 min Scan# 732

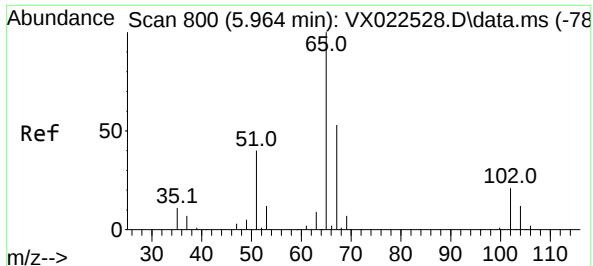
Delta R.T. 0.073 min

Lab File: VX022599.D

Acq: 09 Jun 2021 05:50

Tgt Ion:	56	Resp:	1571
Ion	Ratio	Lower	Upper
56	100		
69	106.6	25.3	37.9#
84	84.2	71.4	107.0



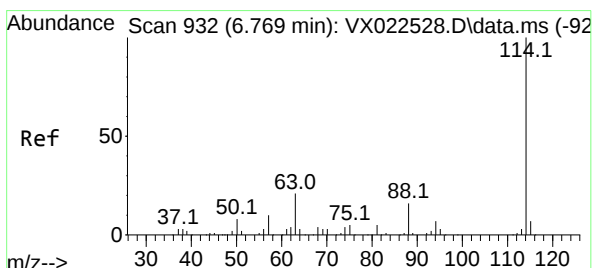
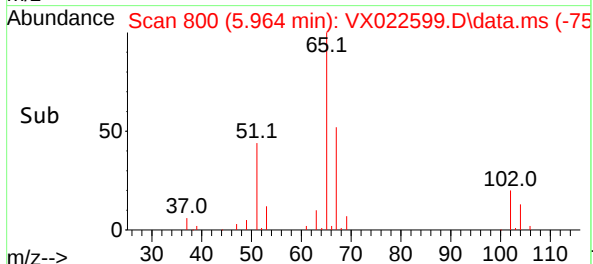
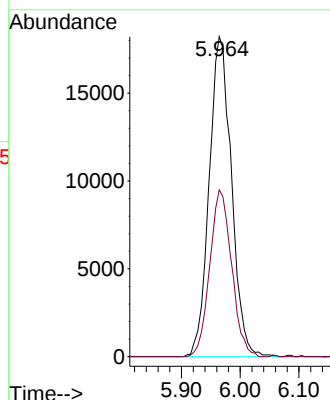
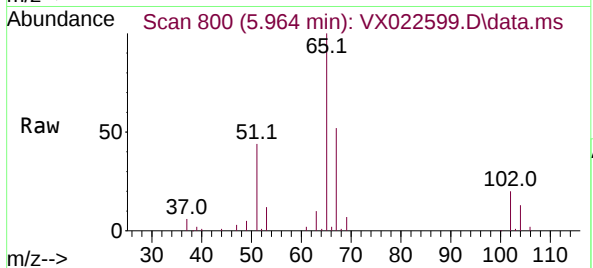


#33

1,2-Dichloroethane-d4
Concen: 47.191 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022599.D
Acq: 09 Jun 2021 05:50

Instrument :
MSVOA_X
ClientSampleId :

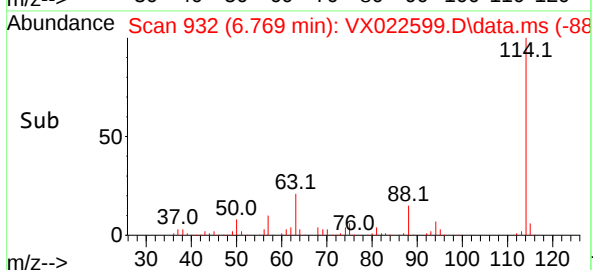
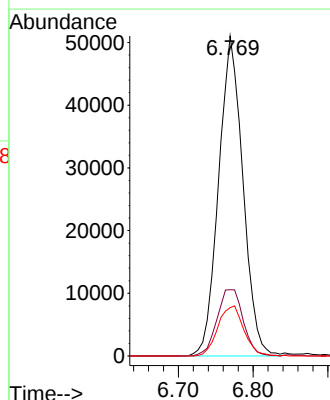
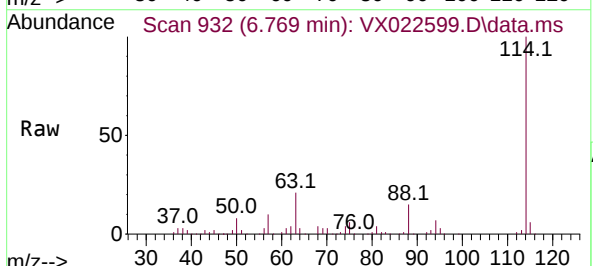
Tgt Ion: 65 Resp: 47968
Ion Ratio Lower Upper
65 100
67 51.1 0.0 105.4

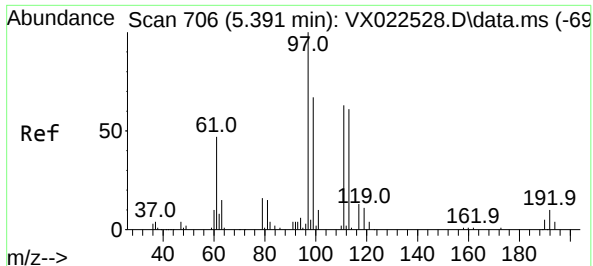


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022599.D
Acq: 09 Jun 2021 05:50

Tgt Ion: 114 Resp: 115225
Ion Ratio Lower Upper
114 100
63 20.7 0.0 40.8
88 15.1 0.0 32.8





#35

Dibromofluoromethane

Concen: 48.711 ug/l

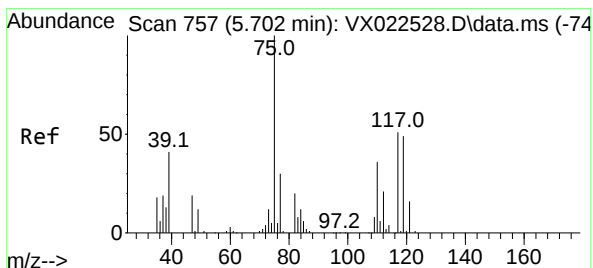
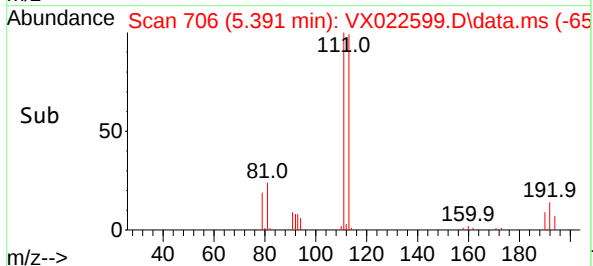
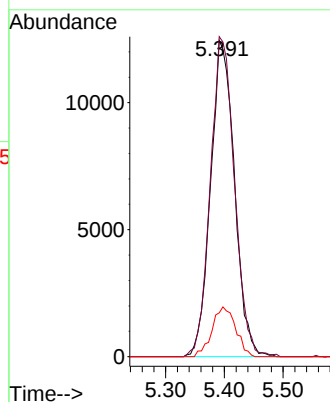
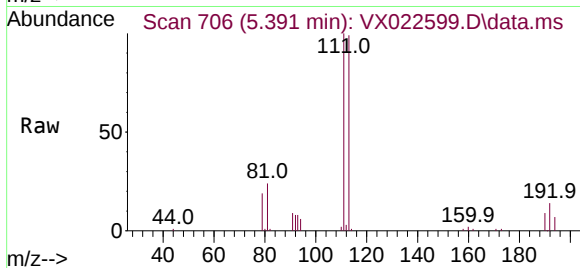
RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX022599.D

Acq: 09 Jun 2021 05:50

Tgt Ion:	113	Resp:	35117
Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.9	122.9
192	15.6	16.7	25.1#



#36

1,1-Dichloropropene

Concen: 5.071 ug/l

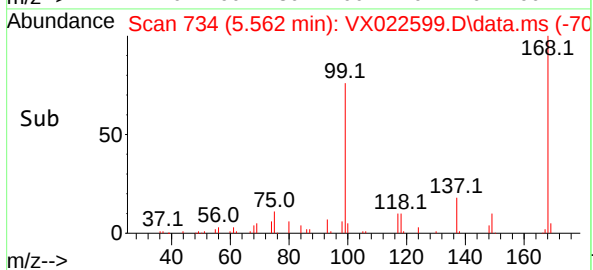
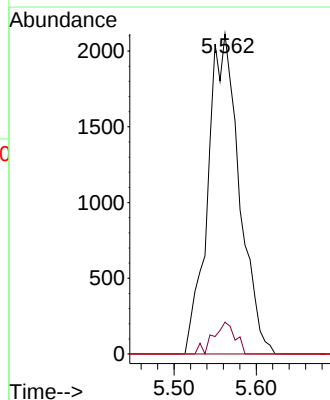
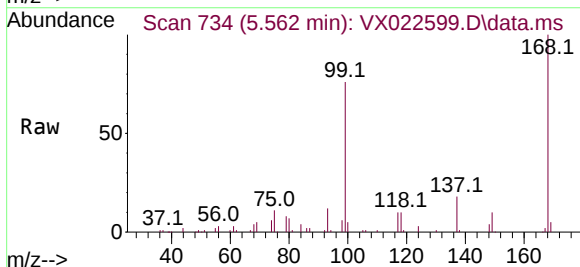
RT: 5.562 min Scan# 734

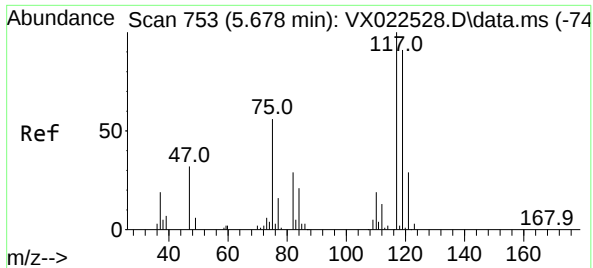
Delta R.T. -0.140 min

Lab File: VX022599.D

Acq: 09 Jun 2021 05:50

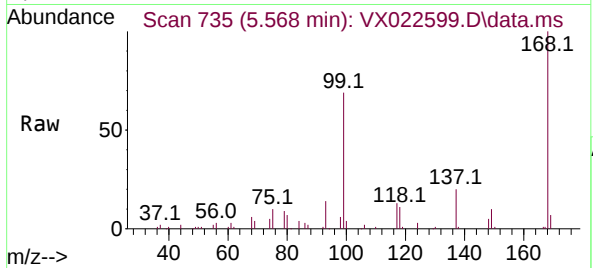
Tgt Ion:	75	Resp:	5653
Ion	Ratio	Lower	Upper
75	100		
110	6.9	18.1	54.4#
77	0.0	25.3	37.9#



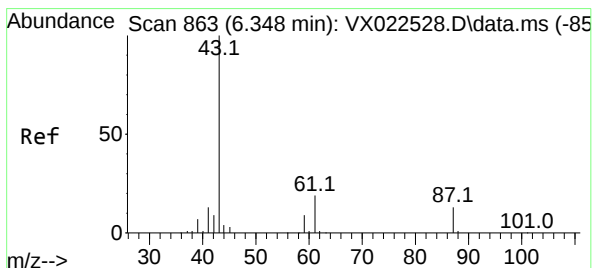
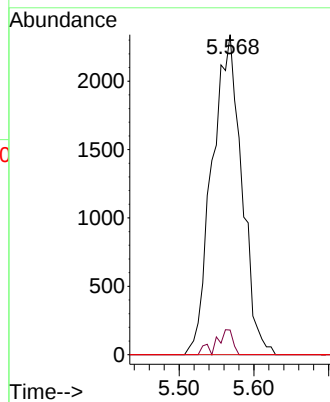
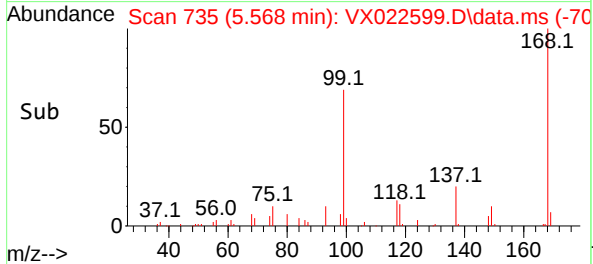


#38
Carbon Tetrachloride
Concen: 8.074 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.110 min
Lab File: VX022599.D
Acq: 09 Jun 2021 05:50

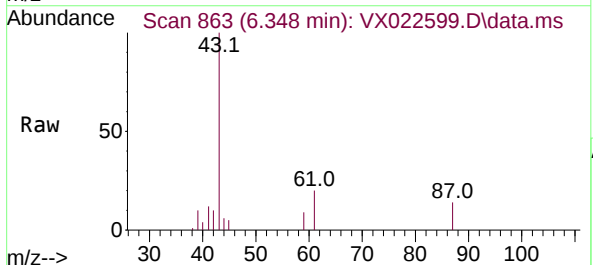
Instrument :
MSVOA_X
ClientSampleId :



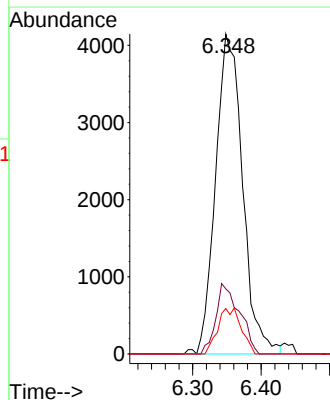
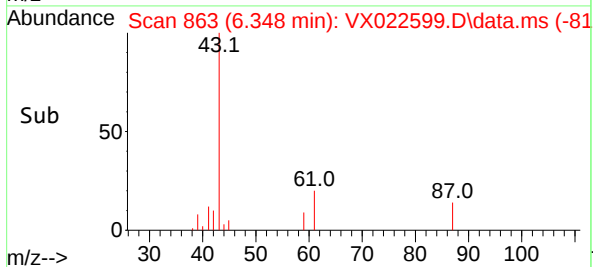
Tgt Ion:117 Resp: 6471
Ion Ratio Lower Upper
117 100
119 7.7 76.2 114.2#
121 0.0 24.8 37.2#

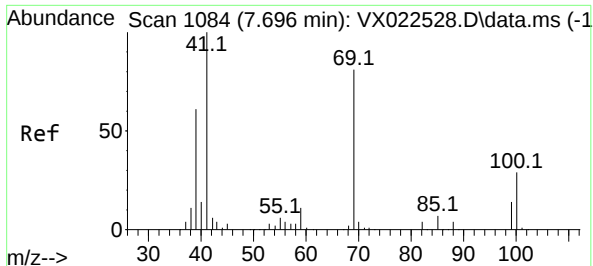


#43
Isopropyl Acetate
Concen: 4.894 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.000 min
Lab File: VX022599.D
Acq: 09 Jun 2021 05:50



Tgt Ion: 43 Resp: 11350
Ion Ratio Lower Upper
43 100
61 19.3 18.2 27.4
87 12.4 12.5 18.7#





#48

Methyl methacrylate

Concen: 3.251 ug/l

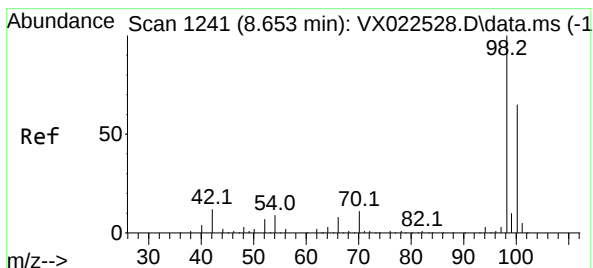
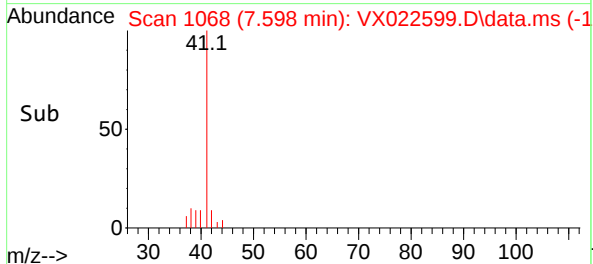
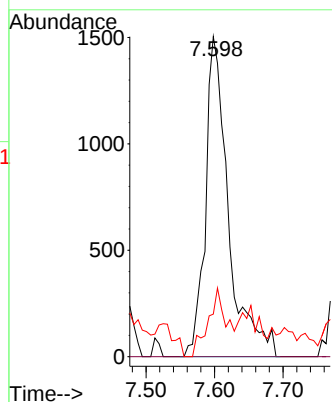
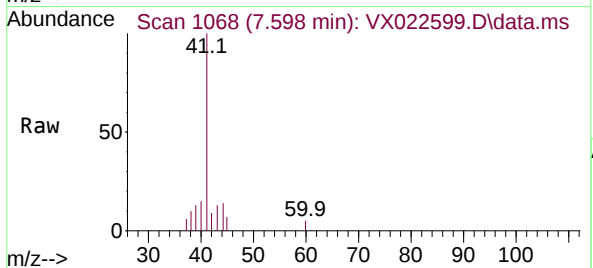
RT: 7.598 min Scan# 1068

Delta R.T. -0.098 min

Lab File: VX022599.D

Acq: 09 Jun 2021 05:50

Tgt Ion:	41	Resp:	3509
Ion	Ratio	Lower	Upper
41	100		
69	0.0	76.0	114.0#
39	0.0	44.6	67.0#



#50

Toluene-d8

Concen: 51.215 ug/l

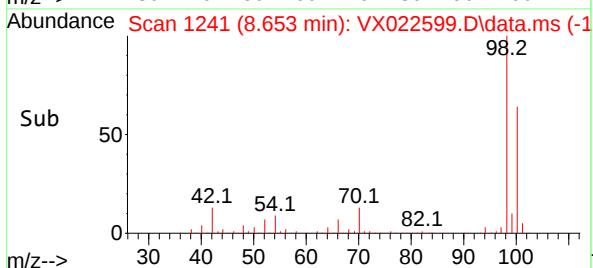
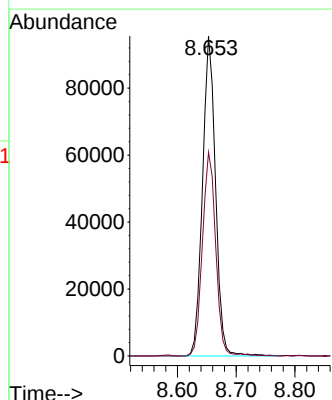
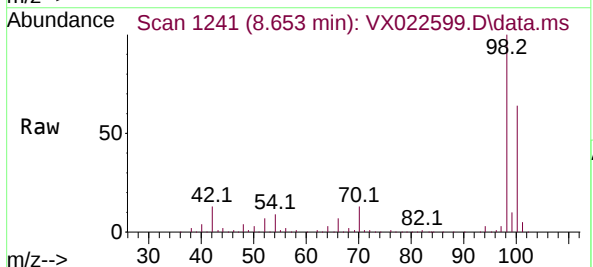
RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

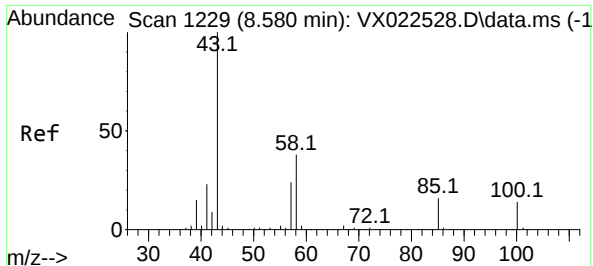
Lab File: VX022599.D

Acq: 09 Jun 2021 05:50

Tgt Ion:	98	Resp:	147320
Ion	Ratio	Lower	Upper
98	100		
100	65.2	51.9	77.9



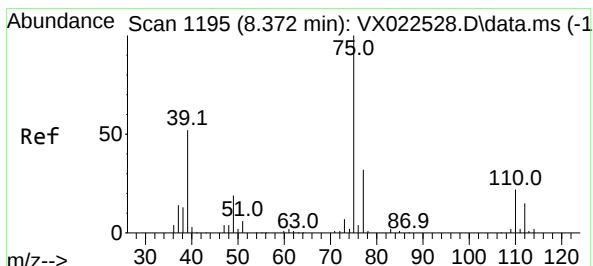
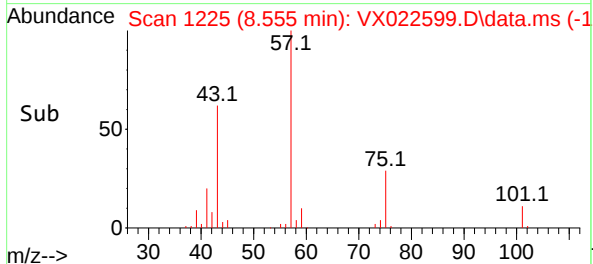
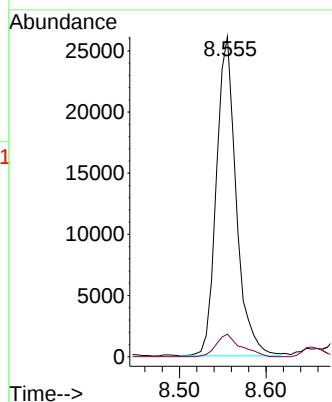
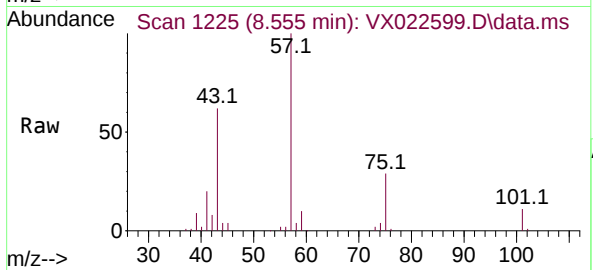
Instrument :
MSVOA_X
ClientSampled :



#51
4-Methyl-2-Pentanone
Concen: 28.650 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.025 min
Lab File: VX022599.D
Acq: 09 Jun 2021 05:50

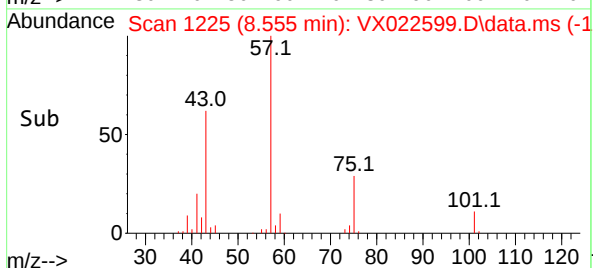
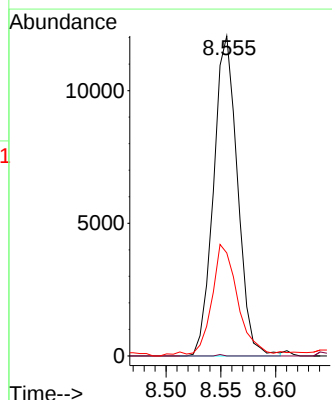
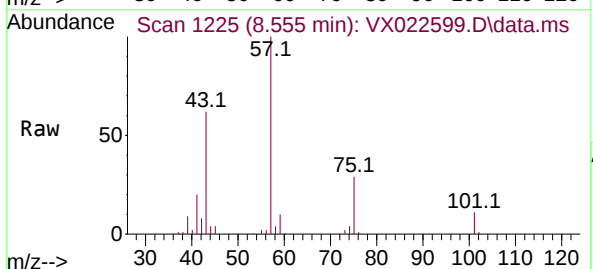
Instrument :
MSVOA_X
ClientSampled :

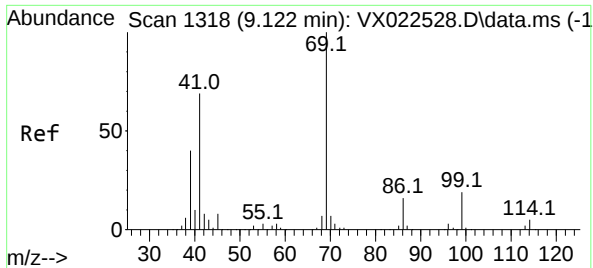
Tgt Ion: 43 Resp: 41395
Ion Ratio Lower Upper
43 100
58 8.6 35.4 53.0#



#54
cis-1,3-Dichloropropene
Concen: 14.009 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.183 min
Lab File: VX022599.D
Acq: 09 Jun 2021 05:50

Tgt Ion: 75 Resp: 18314
Ion Ratio Lower Upper
75 100
77 0.0 25.7 38.5#
39 30.9 35.1 52.7#

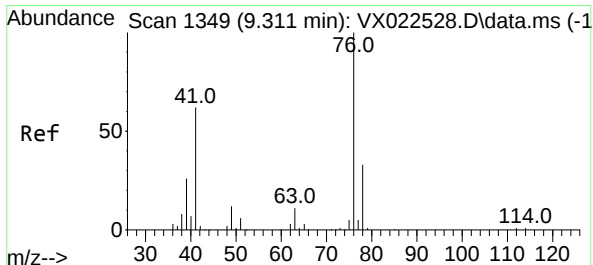
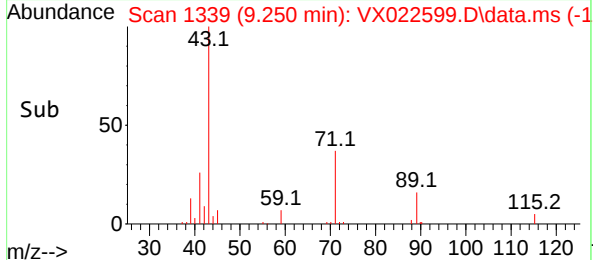
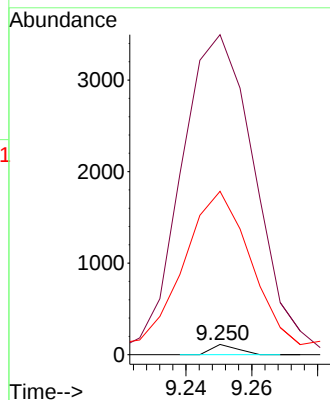
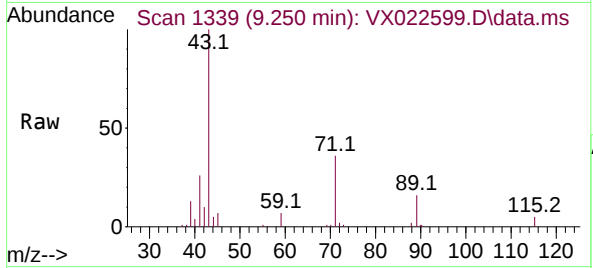




#56
Ethyl methacrylate
Concen: 2.737 ug/l
RT: 9.250 min Scan# 1339
Delta R.T. 0.128 min
Lab File: VX022599.D
Acq: 09 Jun 2021 05:50

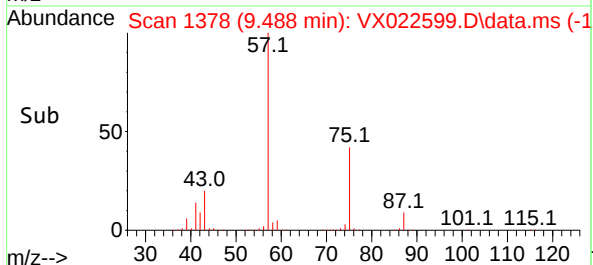
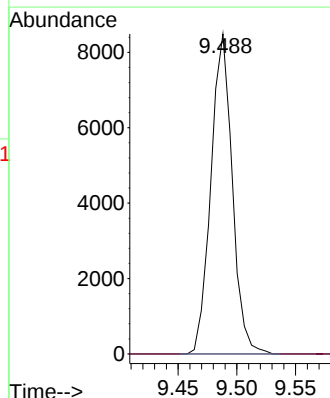
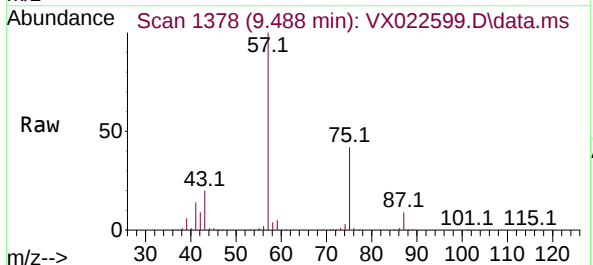
Instrument :
MSVOA_X
ClientSampleId :

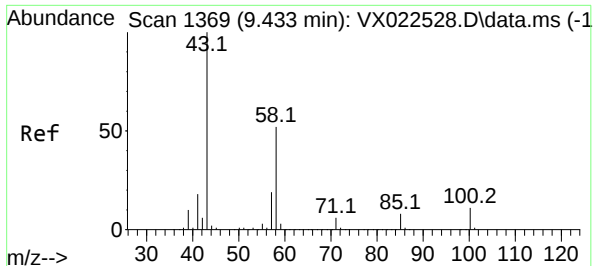
Tgt Ion: 69 Resp: 60
Ion Ratio Lower Upper
69 100
41 9250.0 46.8 70.2#
39 4221.7 24.7 37.1#



#57
1,3-Dichloropropane
Concen: 7.071 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.177 min
Lab File: VX022599.D
Acq: 09 Jun 2021 05:50

Tgt Ion: 76 Resp: 10760
Ion Ratio Lower Upper
76 100
78 0.0 26.2 39.2#

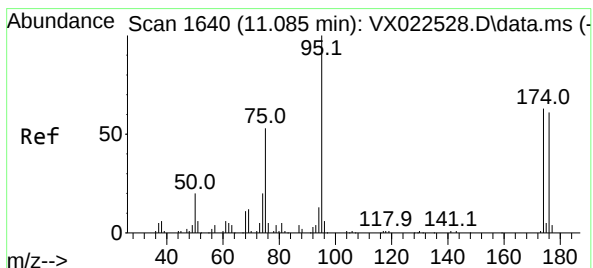
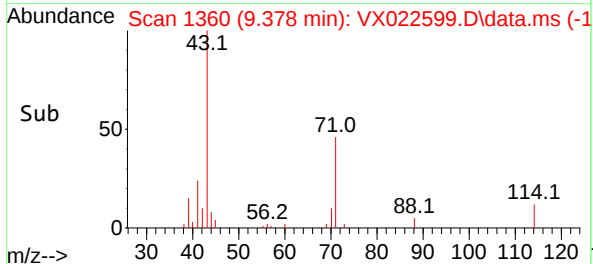
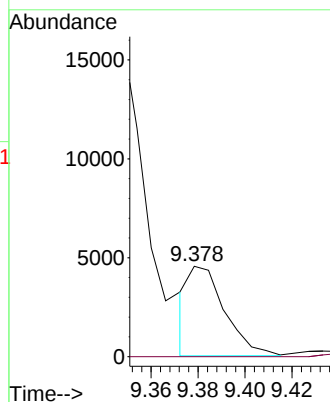
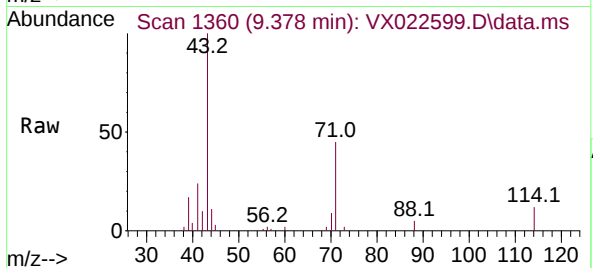




#59
2-Hexanone
Concen: 4.392 ug/l
RT: 9.378 min Scan# 1360
Delta R.T. -0.055 min
Lab File: VX022599.D
Acq: 09 Jun 2021 05:50

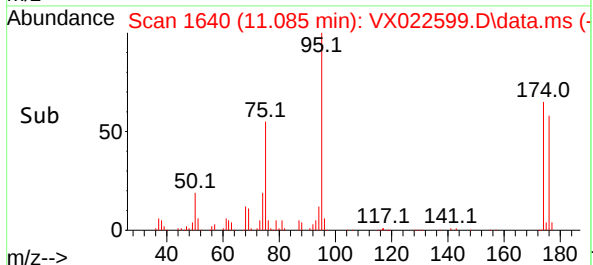
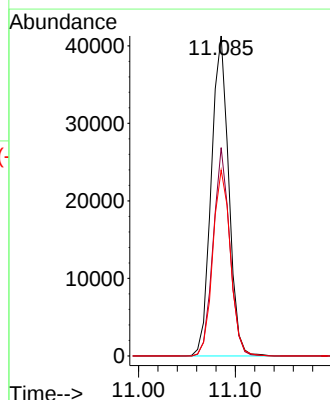
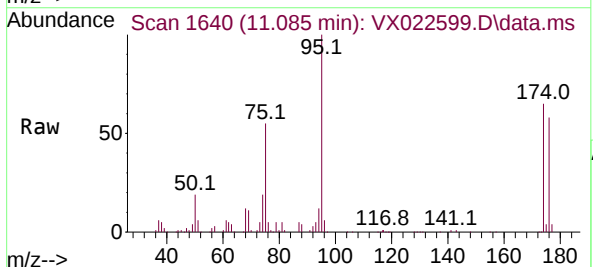
Instrument :
MSVOA_X
ClientSampled :

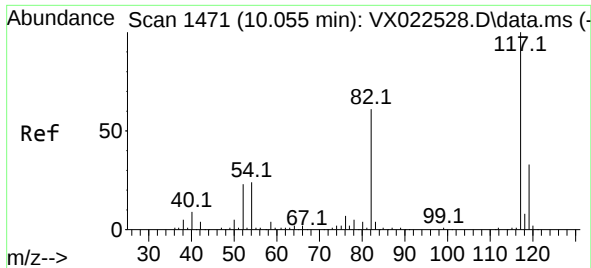
Tgt Ion: 43 Resp: 4848
Ion Ratio Lower Upper
43 100
58 0.0 30.9 92.8#



#62
4-Bromofluorobenzene
Concen: 48.323 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022599.D
Acq: 09 Jun 2021 05:50

Tgt Ion: 95 Resp: 51667
Ion Ratio Lower Upper
95 100
174 61.8 0.0 154.6
176 58.8 0.0 155.8

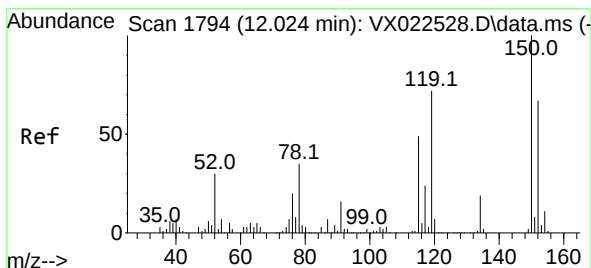
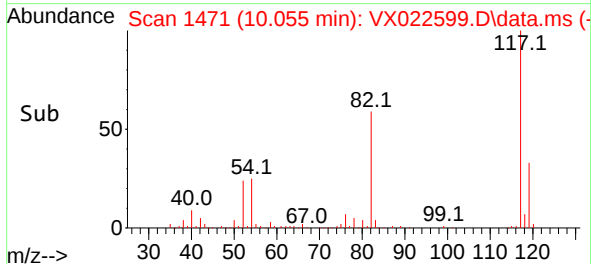
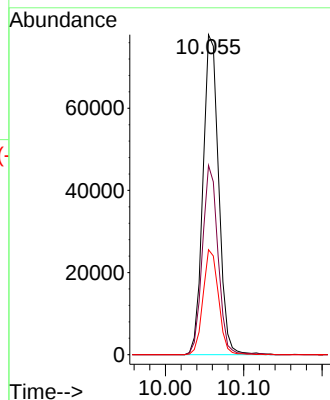
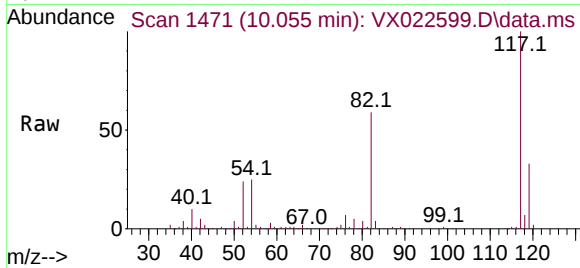




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX022599.D
Acq: 09 Jun 2021 05:50

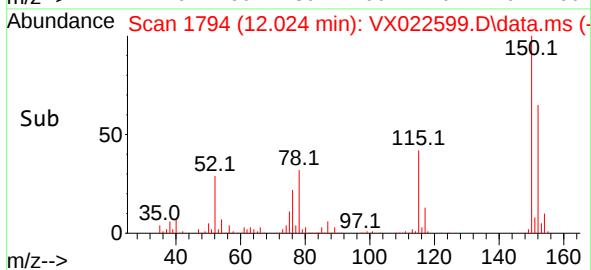
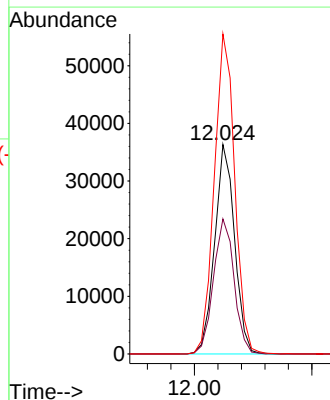
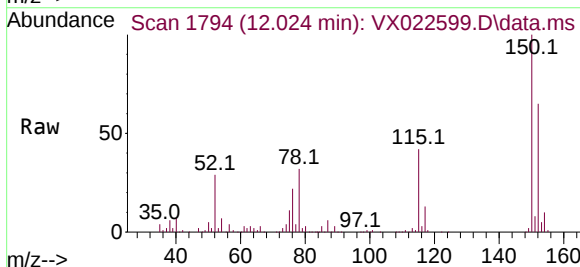
Instrument :
MSVOA_X
ClientSampled :

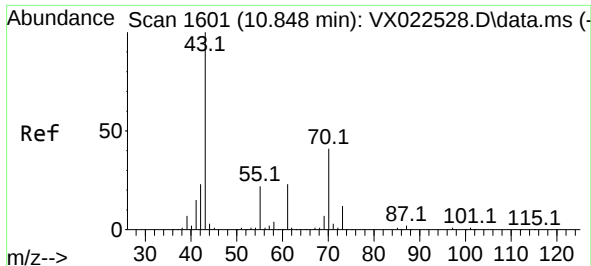
Tgt Ion:117 Resp: 108350
Ion Ratio Lower Upper
117 100
82 59.2 47.4 71.2
119 32.8 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX022599.D
Acq: 09 Jun 2021 05:50

Tgt Ion:152 Resp: 42752
Ion Ratio Lower Upper
152 100
115 66.9 41.1 123.3
150 156.6 0.0 349.0

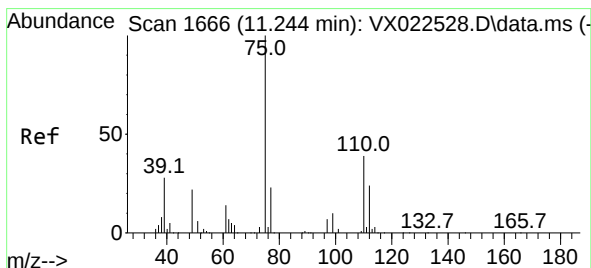
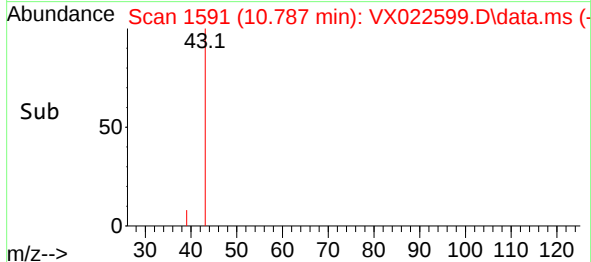
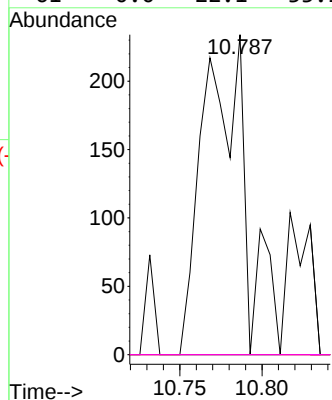
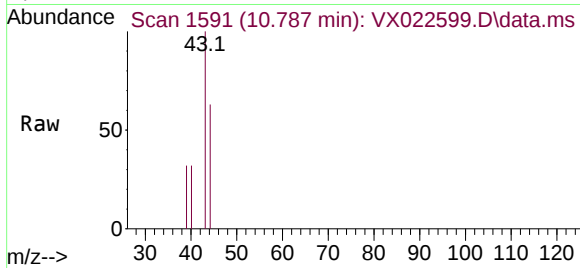




#74
N-amy1 acetate
Concen: 0.228 ug/l
RT: 10.787 min Scan# 1591
Delta R.T. -0.061 min
Lab File: VX022599.D
Acq: 09 Jun 2021 05:50

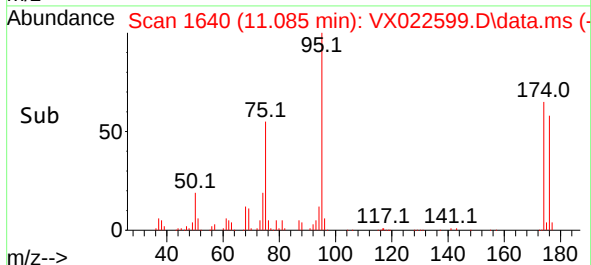
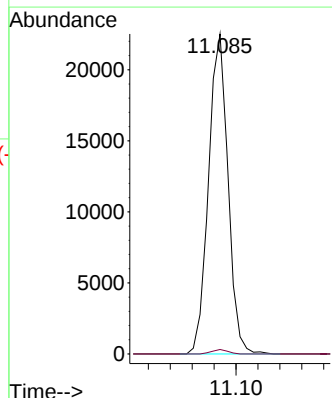
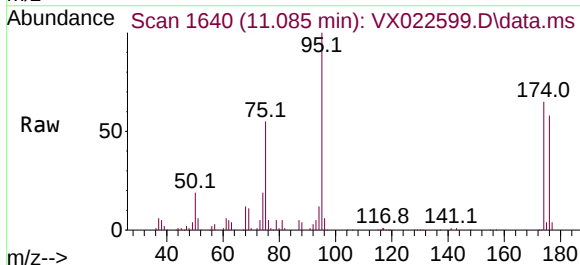
Instrument :
MSVOA_X
ClientSampled :

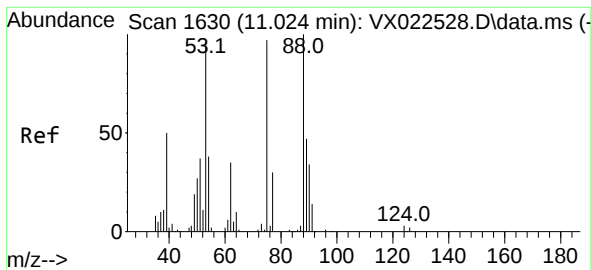
Tgt Ion: 43	Resp: 426
Ion Ratio	Lower Upper
43 100	
70 0.0	39.0 58.6#
55 0.0	21.5 32.3#
61 0.0	22.1 33.1#



#76
1,2,3-Trichloropropane
Concen: 25.039 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX022599.D
Acq: 09 Jun 2021 05:50

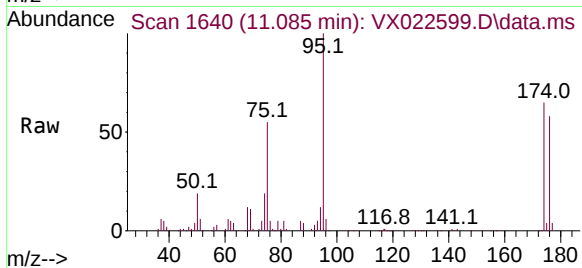
Tgt Ion: 75	Resp: 27732
Ion Ratio	Lower Upper
75 100	
77 1.1	19.1 57.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 61.954 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.061 min
 Lab File: VX022599.D
 Acq: 09 Jun 2021 05:50

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 27732
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

