

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060321\
 Data File : VX022393.D
 Acq On : 04 Jun 2021 02:11
 Operator : JC/MD
 Sample : PB36780ZHE#08
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB36780ZHE#08

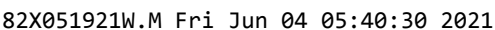
Quant Time: Jun 04 05:40:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 19 14:23:10 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	61557	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	131995	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	115005	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	40466	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	54215	57.09	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 114.18%			
35) Dibromofluoromethane	5.397	113	39374	47.04	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 94.08%			
50) Toluene-d8	8.653	98	162536	50.41	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 100.82%			
62) 4-Bromofluorobenzene	11.085	95	53608	44.98	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 89.96%			
Target Compounds						Qvalue
5) Bromomethane	1.618	94	145	0.29	ug/l	# 60
11) Tert butyl alcohol	2.947	59	1701	7.83	ug/l	# 73
13) Acrolein	2.197	56	40	0.28	ug/l	# 75
16) Acetone	2.386	43	11917	28.82	ug/l	99
18) Methyl Acetate	2.715	43	1690	1.54	ug/l	94
20) Methylene Chloride	2.800	84	2744	2.99	ug/l	# 85
25) 2-Butanone	4.574	43	2713	4.06	ug/l	# 86
29) Tetrahydrofuran	5.013	42	211	0.53	ug/l	# 86
31) Cyclohexane	5.562	56	1877	1.57	ug/l	# 59
36) 1,1-Dichloropropene	5.550	75	6155	5.04	ug/l	# 44
38) Carbon Tetrachloride	5.556	117	6781	5.68	ug/l	# 15
43) Isopropyl Acetate	6.354	43	11042	4.51	ug/l	# 93
48) Methyl methacrylate	7.604	41	3086	2.74	ug/l	# 10
49) 1,4-Dioxane	7.793	88	100	4.55	ug/l	# 1
51) 4-Methyl-2-Pentanone	8.555	43	41922	28.60	ug/l	# 45
54) cis-1,3-Dichloropropene	8.555	75	18563	11.50	ug/l	# 61
57) 1,3-Dichloropropane	9.488	76	10277	6.23	ug/l	# 42
59) 2-Hexanone	9.378	43	5912	5.36	ug/l	# 19
76) 1,2,3-Trichloropropane	11.085	75	28302	28.35	ug/l	# 38
80) 1,3,5-Trimethylbenzene	11.457	105	2337	0.82	ug/l	88
81) trans-1,4-Dichloro-2-b...	11.085	75	28302	67.17	ug/l	# 12

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

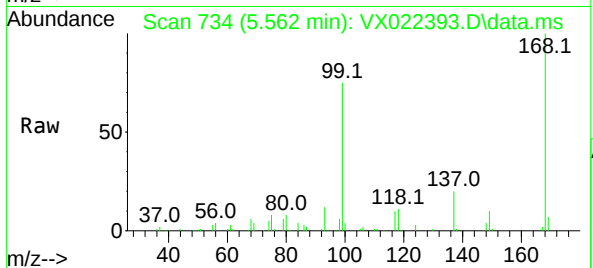
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
Quant Title : SW846 8260
QLast Update : Wed May 19 14:23:10 2021
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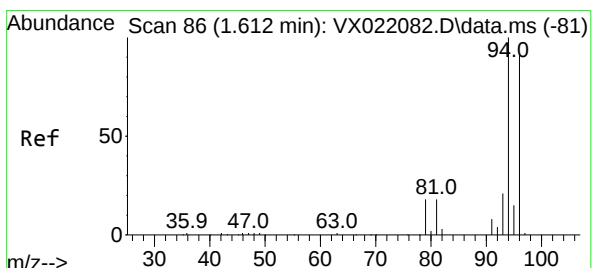
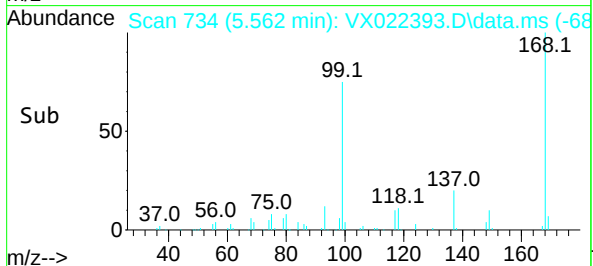
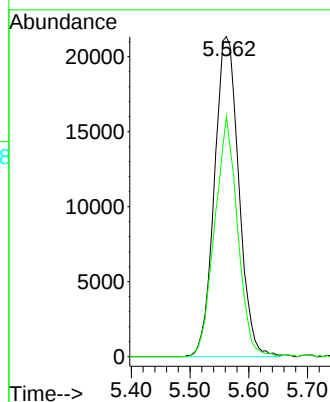


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX022393.D
Acq: 04 Jun 2021 02:11

Instrument :
MSVOA_X
ClientSampleId :
PB36780ZHE#08

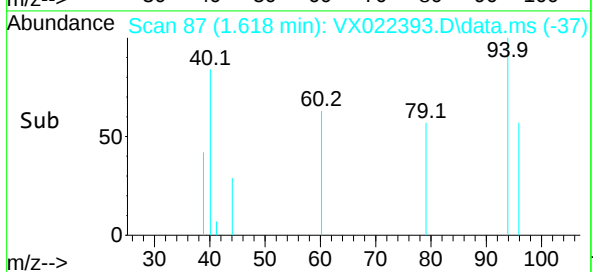
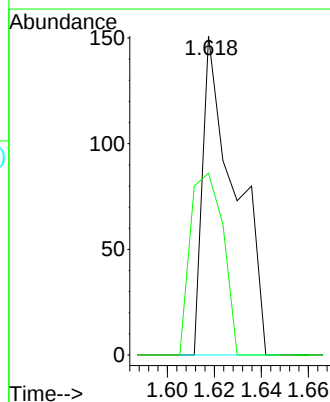
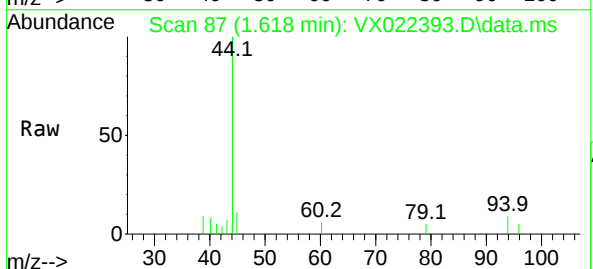


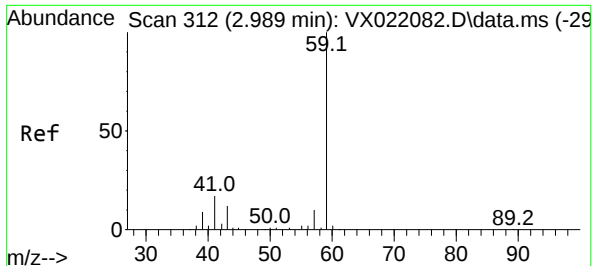
Tgt Ion:168 Resp: 61557
Ion Ratio Lower Upper
168 100
99 75.0 45.8 68.6#



#5
Bromomethane
Concen: 0.29 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.006 min
Lab File: VX022393.D
Acq: 04 Jun 2021 02:11

Tgt Ion: 94 Resp: 145
Ion Ratio Lower Upper
94 100
96 57.0 76.4 114.6#



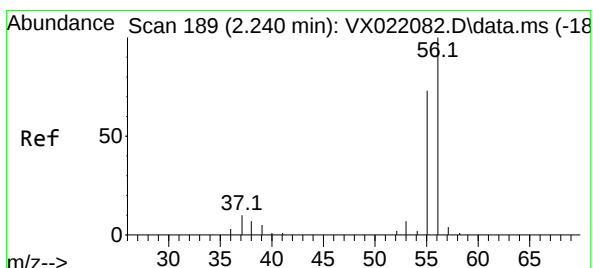
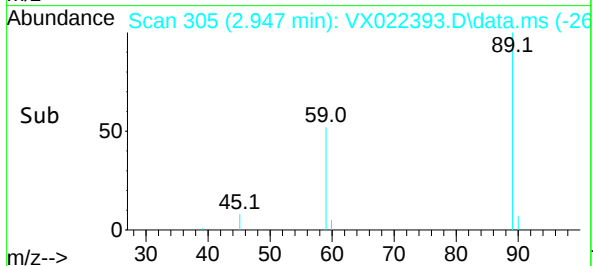
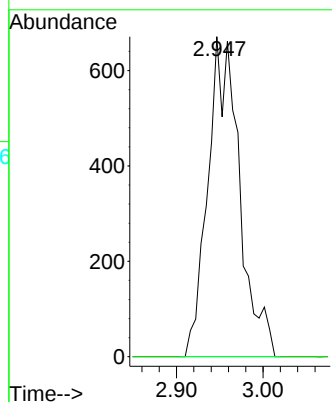
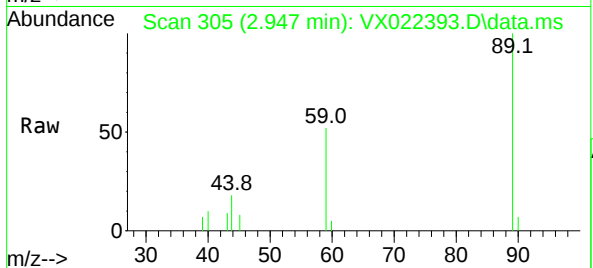


#11

Tert butyl alcohol
Concen: 7.83 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.042 min
Lab File: VX022393.D
Acq: 04 Jun 2021 02:11

Instrument :
MSVOA_X
ClientSampleId :
PB36780ZHE#08

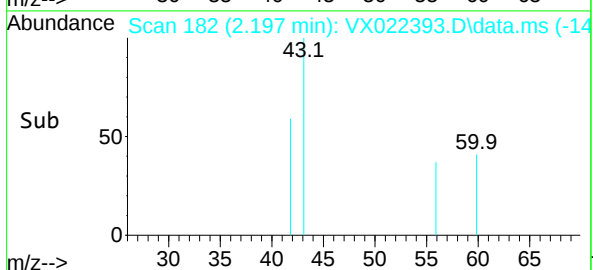
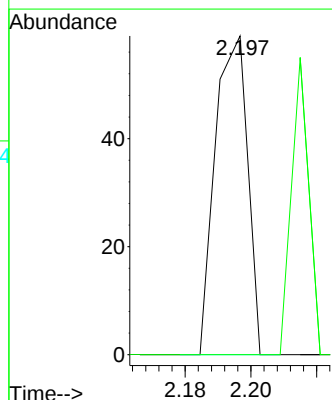
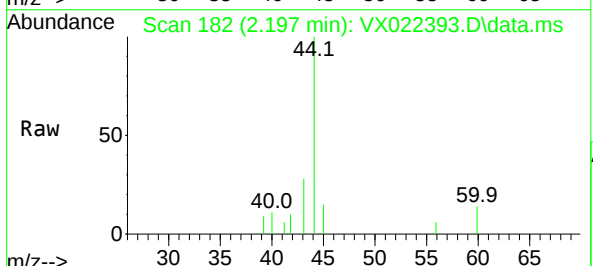
Tgt Ion: 59 Resp: 1701
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

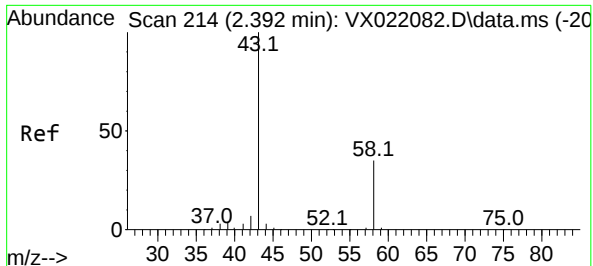


#13

Acrolein
Concen: 0.28 ug/l
RT: 2.197 min Scan# 182
Delta R.T. -0.043 min
Lab File: VX022393.D
Acq: 04 Jun 2021 02:11

Tgt Ion: 56 Resp: 40
Ion Ratio Lower Upper
56 100
55 50.0 56.4 84.6#

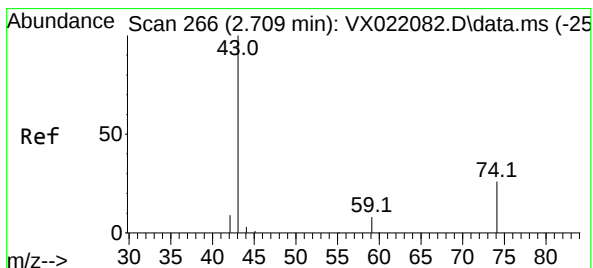
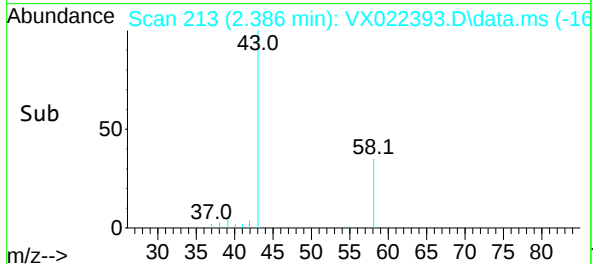
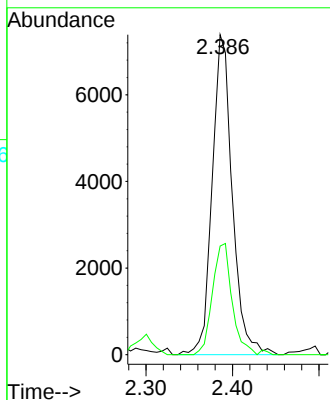
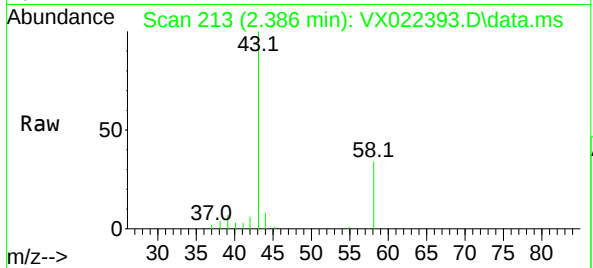




#16
Acetone
Concen: 28.82 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX022393.D
Acq: 04 Jun 2021 02:11

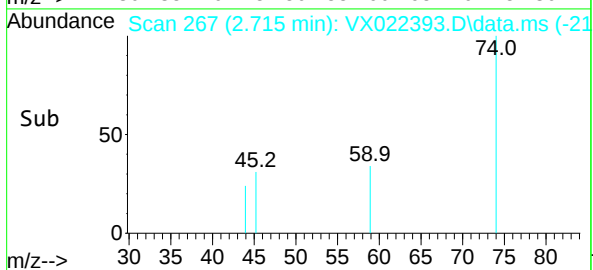
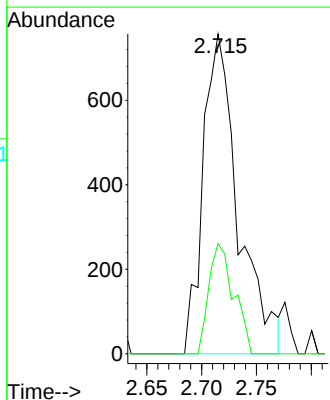
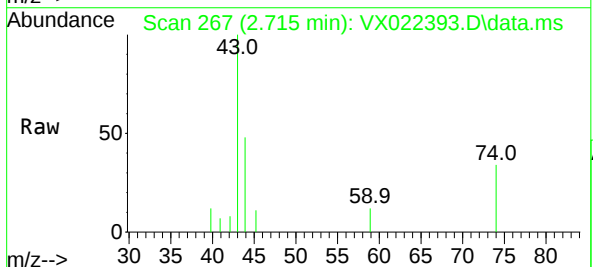
Instrument :
MSVOA_X
ClientSampleId :
PB36780ZHE#08

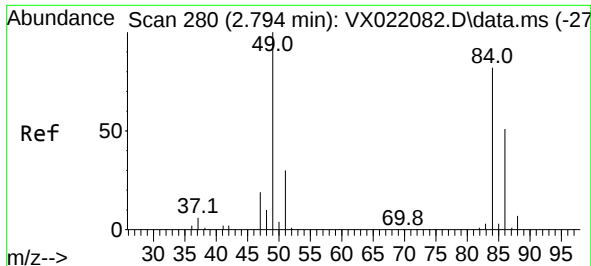
Tgt Ion: 43 Resp: 11917
Ion Ratio Lower Upper
43 100
58 33.9 27.8 41.8



#18
Methyl Acetate
Concen: 1.54 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.006 min
Lab File: VX022393.D
Acq: 04 Jun 2021 02:11

Tgt Ion: 43 Resp: 1690
Ion Ratio Lower Upper
43 100
74 24.4 21.9 32.9





#20

Methylene Chloride

Concen: 2.99 ug/l

RT: 2.800 min Scan# 281

Delta R.T. 0.006 min

Lab File: VX022393.D

Acq: 04 Jun 2021 02:11

Instrument :

MSVOA_X

ClientSampleId :

PB36780ZHE#08

Tgt Ion: 84 Resp: 2744

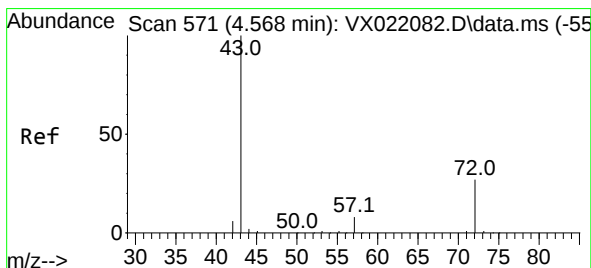
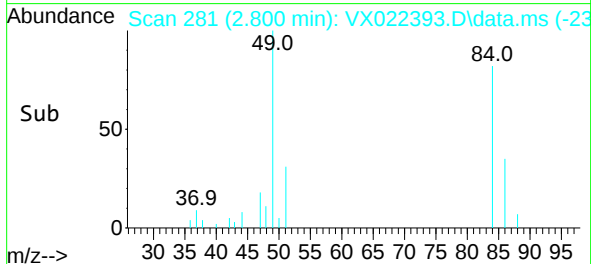
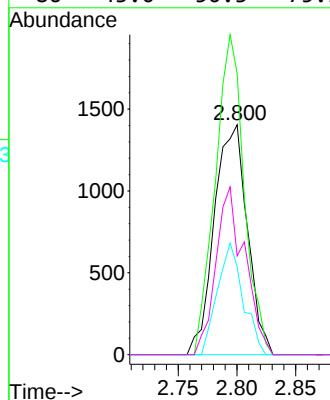
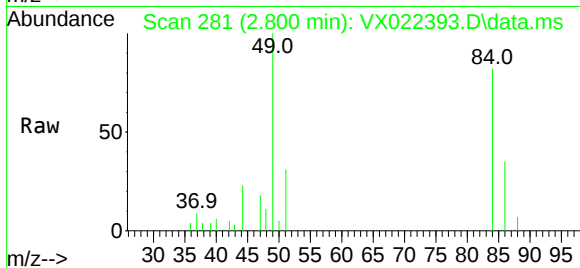
Ion Ratio Lower Upper

84 100

49 122.3 88.6 132.8

51 38.2 27.0 40.6

86 43.0 50.3 75.5#



#25

2-Butanone

Concen: 4.06 ug/l

RT: 4.574 min Scan# 572

Delta R.T. 0.006 min

Lab File: VX022393.D

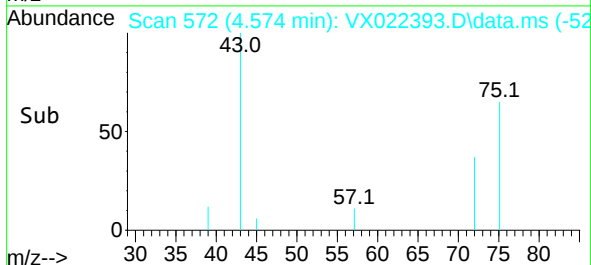
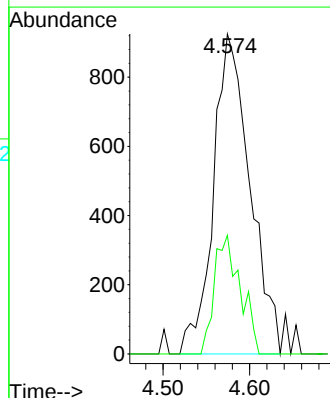
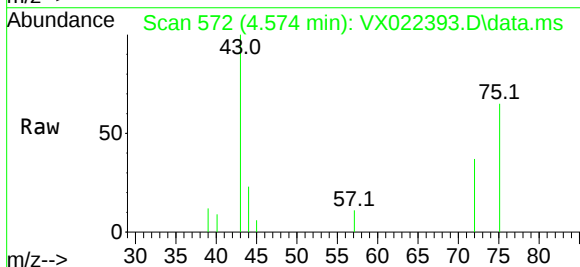
Acq: 04 Jun 2021 02:11

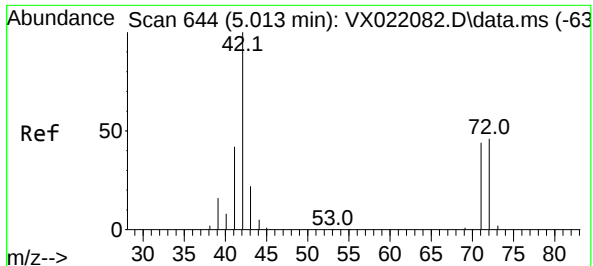
Tgt Ion: 43 Resp: 2713

Ion Ratio Lower Upper

43 100

72 37.1 23.7 35.5#





#29

Tetrahydrofuran

Concen: 0.53 ug/l

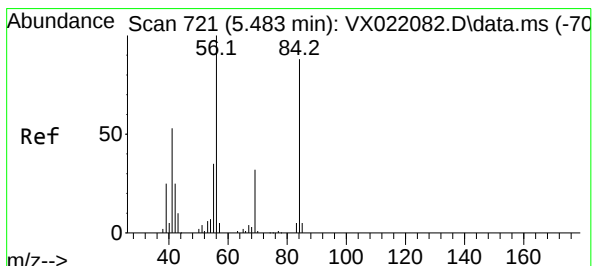
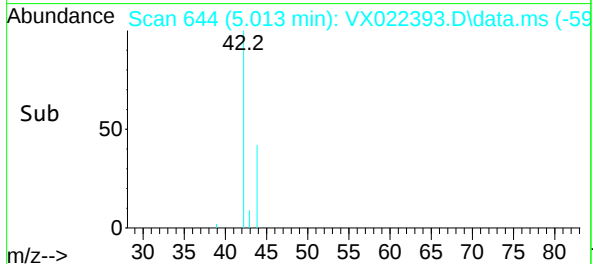
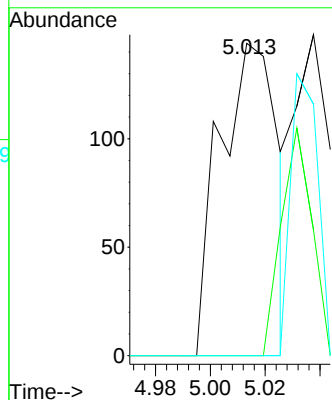
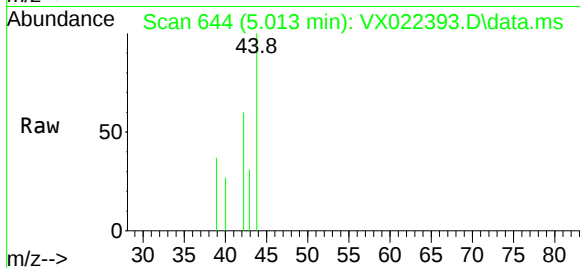
RT: 5.013 min Scan# 644

Delta R.T. 0.000 min

Lab File: VX022393.D

Acq: 04 Jun 2021 02:11

Tgt Ion:	42	Resp:	211
Ion	Ratio	Lower	Upper
42	100		
72	38.4	41.7	62.5#
71	42.7	38.4	57.6



#31

Cyclohexane

Concen: 1.57 ug/l

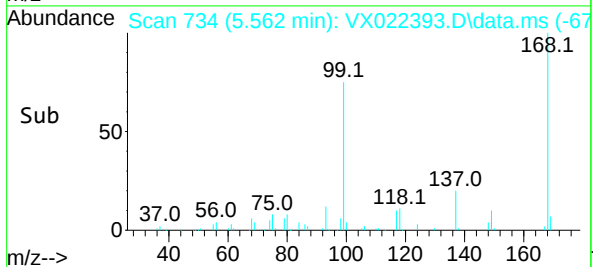
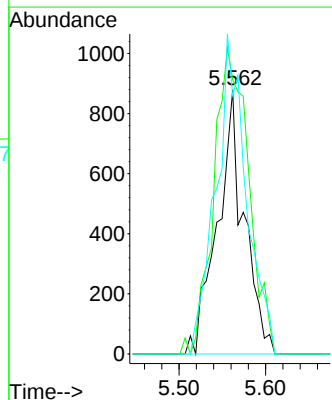
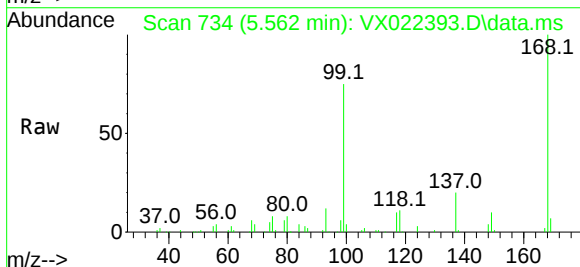
RT: 5.562 min Scan# 734

Delta R.T. 0.079 min

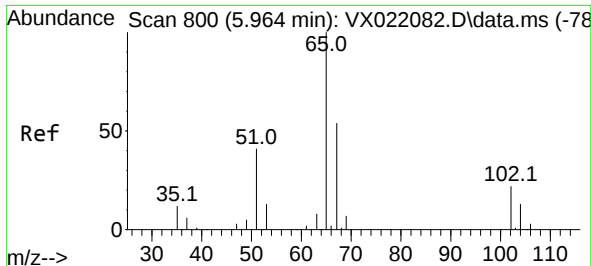
Lab File: VX022393.D

Acq: 04 Jun 2021 02:11

Tgt Ion:	56	Resp:	1877
Ion	Ratio	Lower	Upper
56	100		
69	103.8	25.3	37.9#
84	97.7	71.4	107.0



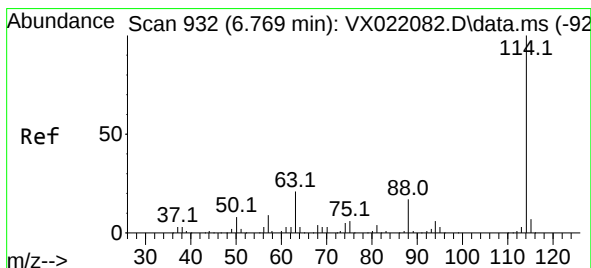
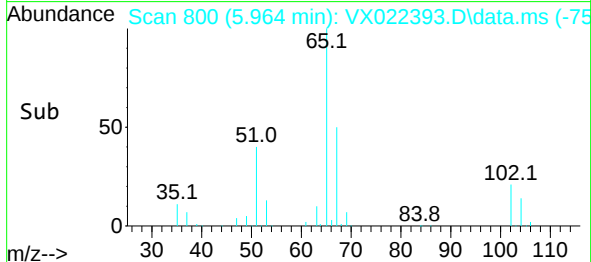
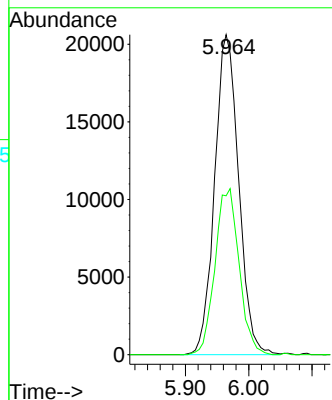
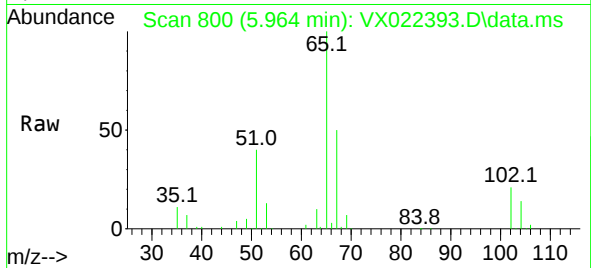
Instrument :
MSVOA_X
ClientSampleId :
PB36780ZHE#08



#33
1,2-Dichloroethane-d4
Concen: 57.09 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX022393.D
Acq: 04 Jun 2021 02:11

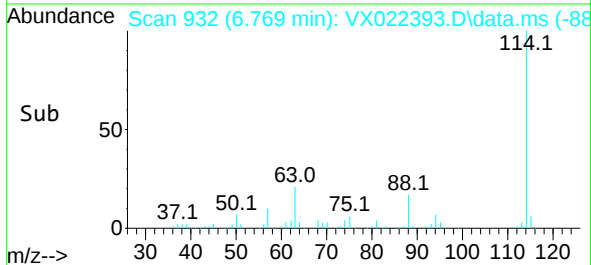
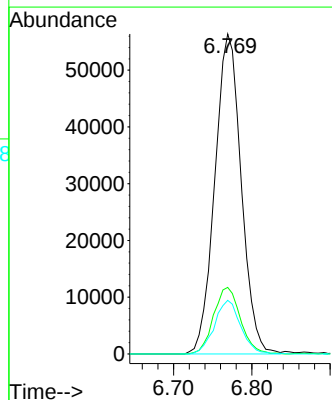
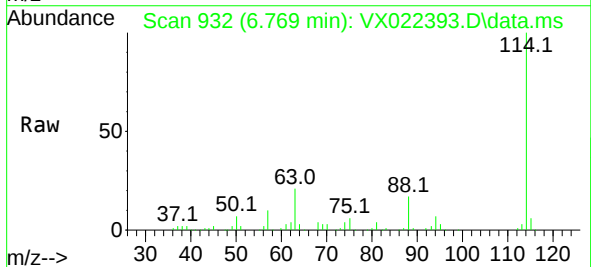
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ClientSampleId :
PB36780ZHE#08

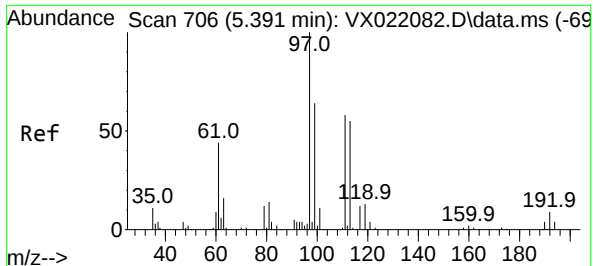
Tgt Ion: 65 Resp: 54215
Ion Ratio Lower Upper
65 100
67 52.1 0.0 105.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX022393.D
Acq: 04 Jun 2021 02:11

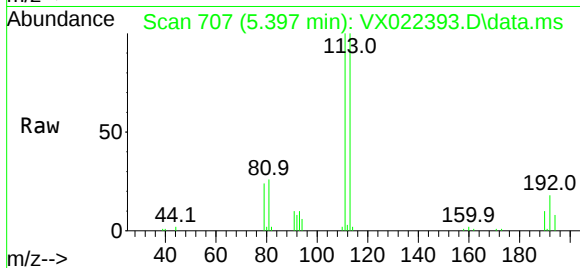
Tgt Ion: 114 Resp: 131995
Ion Ratio Lower Upper
114 100
63 20.8 0.0 40.8
88 16.7 0.0 32.8



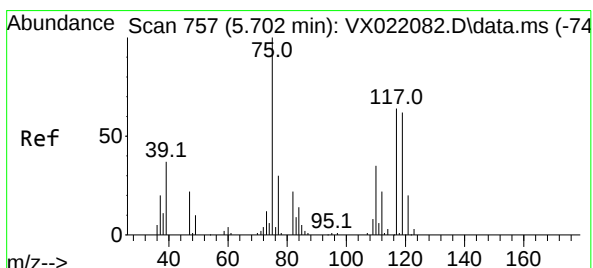
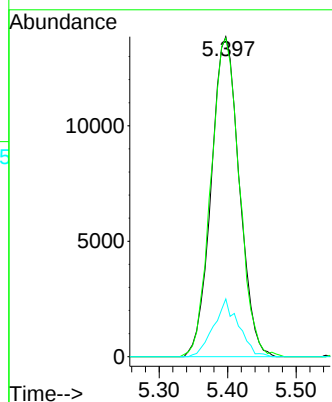
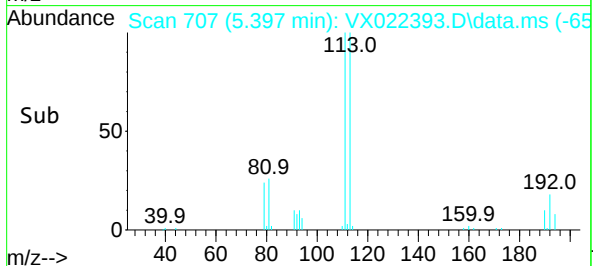


#35
Dibromofluoromethane
Concen: 47.04 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.006 min
Lab File: VX022393.D
Acq: 04 Jun 2021 02:11

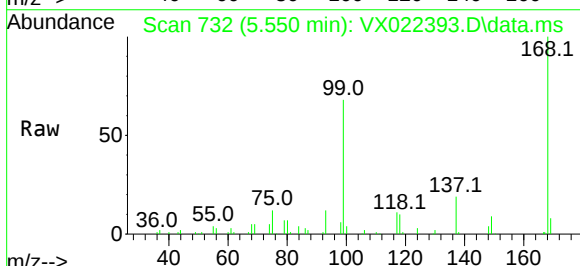
Instrument :
MSVOA_X
ClientSampleId :
PB36780ZHE#08



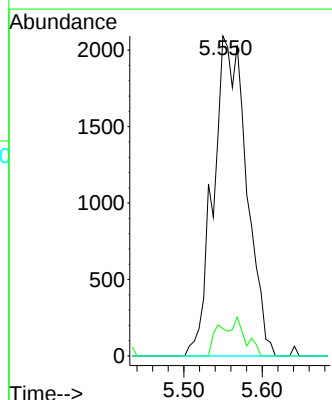
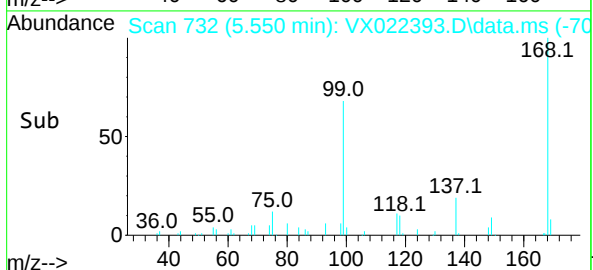
Tgt Ion:113 Resp: 39374
Ion Ratio Lower Upper
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111 100.7 81.9 122.9
192 16.1 16.7 25.1#

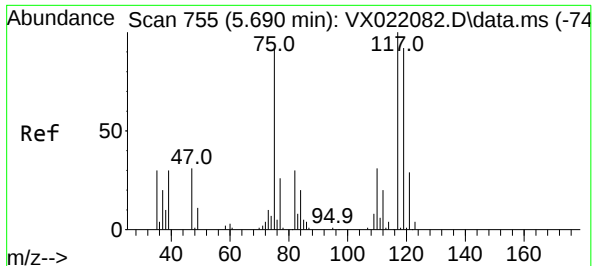


#36
1,1-Dichloropropene
Concen: 5.04 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.152 min
Lab File: VX022393.D
Acq: 04 Jun 2021 02:11



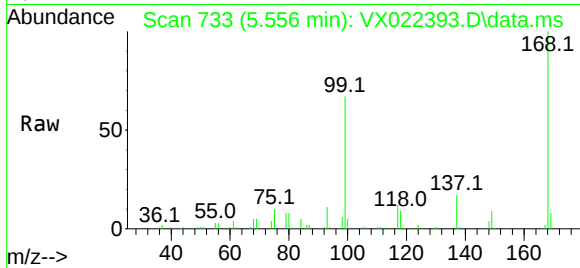
Tgt Ion: 75 Resp: 6155
Ion Ratio Lower Upper
75 100
110 4.1 18.1 54.4#
77 0.0 25.3 37.9#



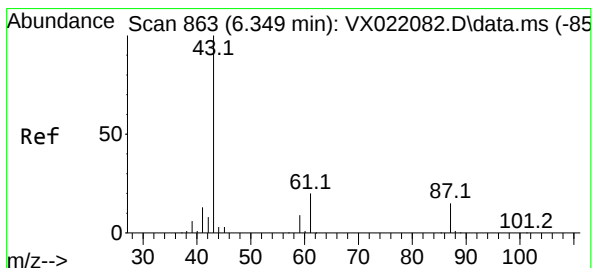
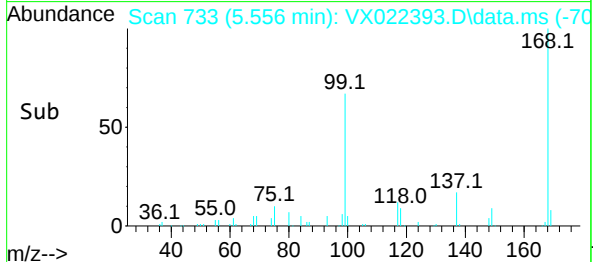
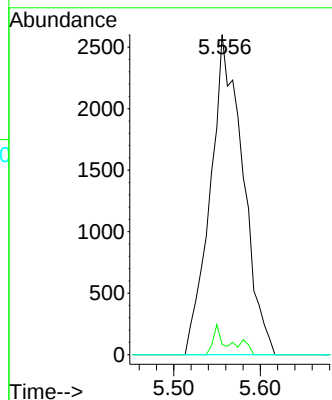


#38
Carbon Tetrachloride
Concen: 5.68 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.134 min
Lab File: VX022393.D
Acq: 04 Jun 2021 02:11

Instrument :
MSVOA_X
ClientSampleId :
PB36780ZHE#08

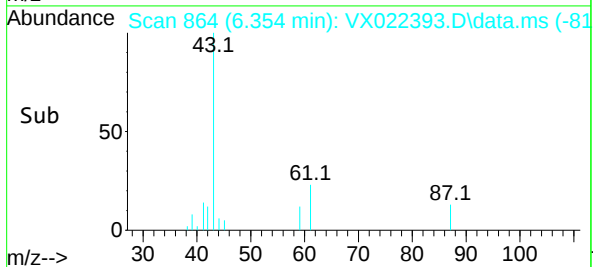
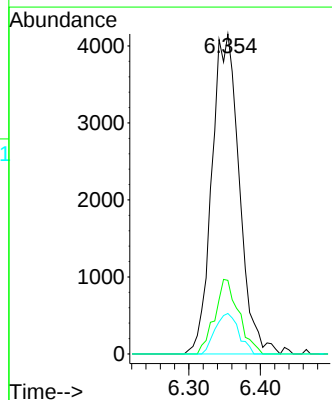
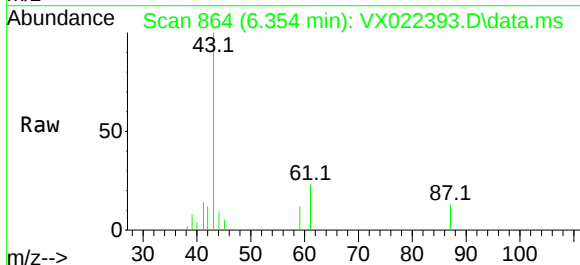


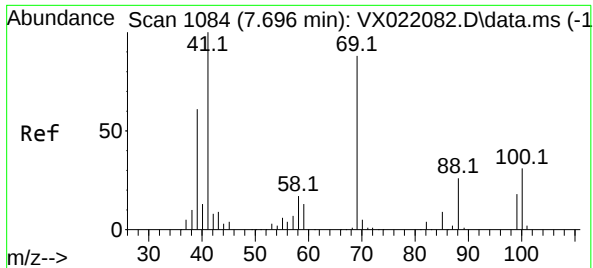
Tgt Ion:117 Resp: 6781
Ion Ratio Lower Upper
117 100
119 3.2 76.2 114.2#
121 0.0 24.8 37.2#



#43
Isopropyl Acetate
Concen: 4.51 ug/l
RT: 6.354 min Scan# 864
Delta R.T. 0.005 min
Lab File: VX022393.D
Acq: 04 Jun 2021 02:11

Tgt Ion: 43 Resp: 11042
Ion Ratio Lower Upper
43 100
61 20.4 18.2 27.4
87 10.9 12.5 18.7#

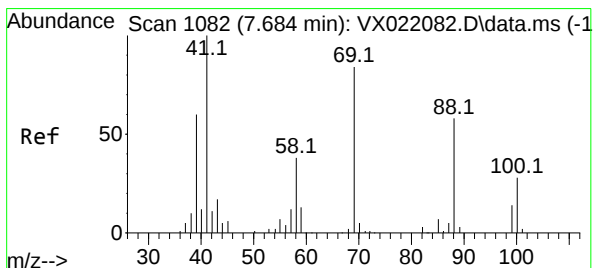
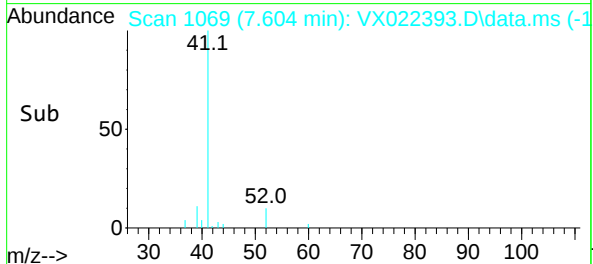
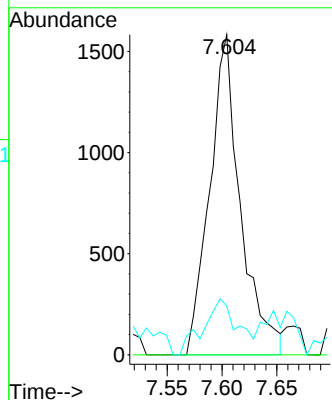
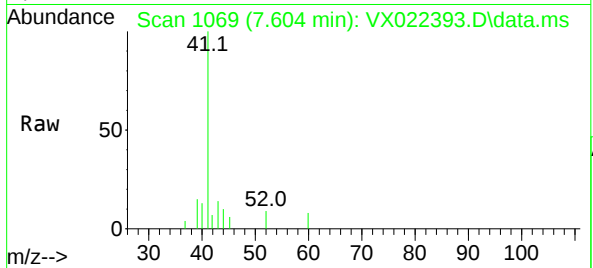




#48
Methyl methacrylate
Concen: 2.74 ug/l
RT: 7.604 min Scan# 1069
Delta R.T. -0.092 min
Lab File: VX022393.D
Acq: 04 Jun 2021 02:11

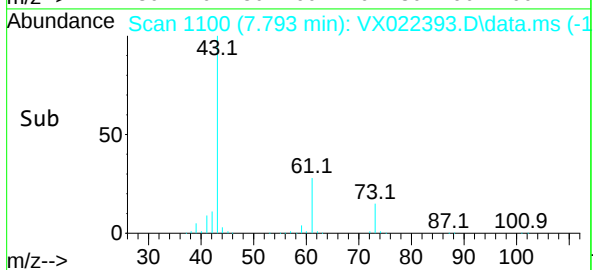
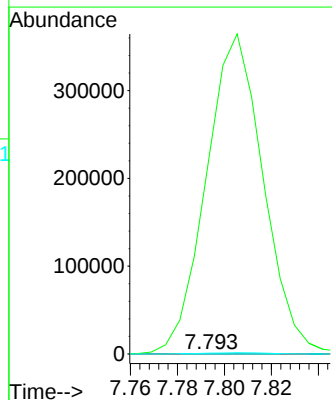
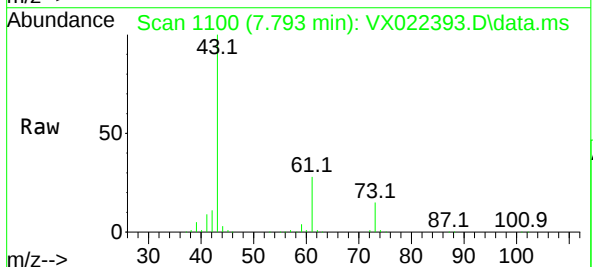
Instrument :
MSVOA_X
ClientSampleId :
PB36780ZHE#08

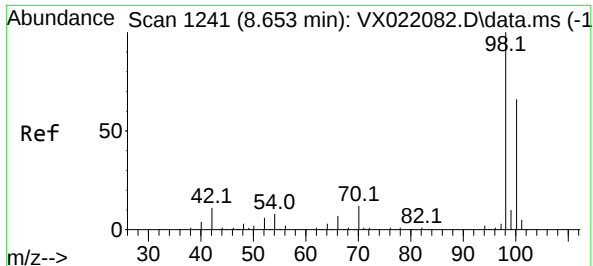
Tgt Ion: 41 Resp: 3086
Ion Ratio Lower Upper
41 100
69 0.0 76.0 114.0#
39 0.0 44.6 67.0#



#49
1,4-Dioxane
Concen: 4.55 ug/l
RT: 7.793 min Scan# 1100
Delta R.T. 0.109 min
Lab File: VX022393.D
Acq: 04 Jun 2021 02:11

Tgt Ion: 88 Resp: 100
Ion Ratio Lower Upper
88 100
43 622389.0 23.2 34.8#
58 2591.0 55.0 82.4#

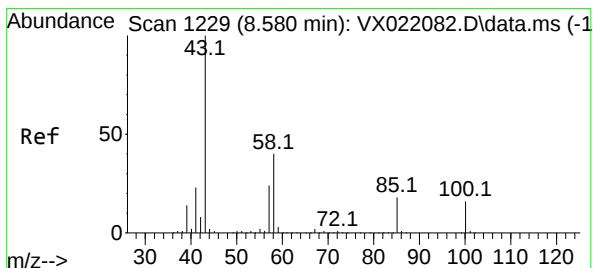
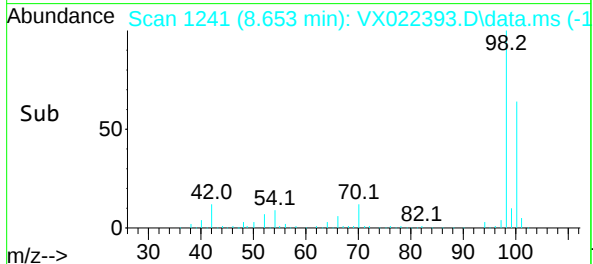
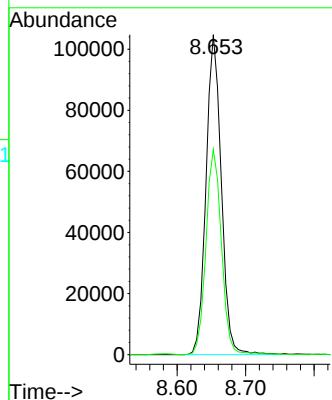
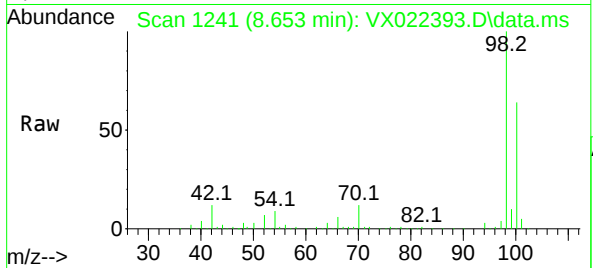




#50
Toluene-d8
Concen: 50.41 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX022393.D
Acq: 04 Jun 2021 02:11

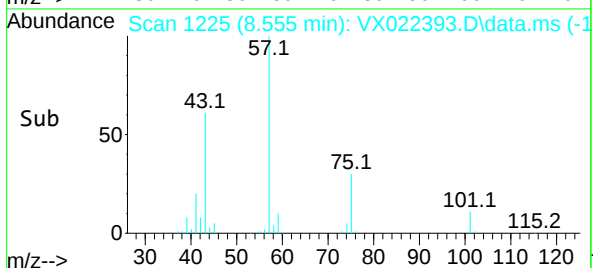
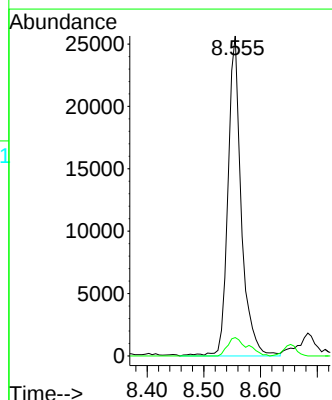
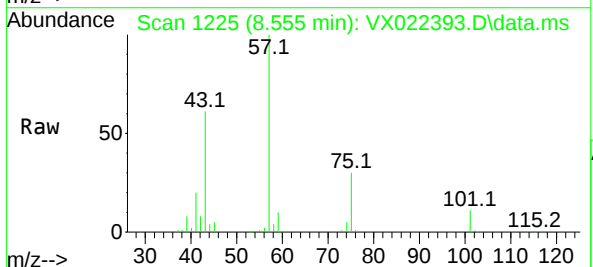
Instrument :
MSVOA_X
ClientSampleId :
PB36780ZHE#08

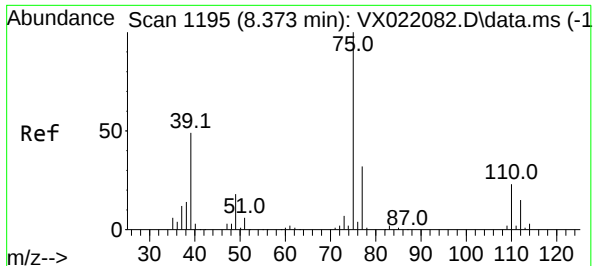
Tgt Ion: 98 Resp: 162536
Ion Ratio Lower Upper
98 100
100 65.1 51.9 77.9



#51
4-Methyl-2-Pentanone
Concen: 28.60 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. -0.025 min
Lab File: VX022393.D
Acq: 04 Jun 2021 02:11

Tgt Ion: 43 Resp: 41922
Ion Ratio Lower Upper
43 100
58 8.6 35.4 53.0#

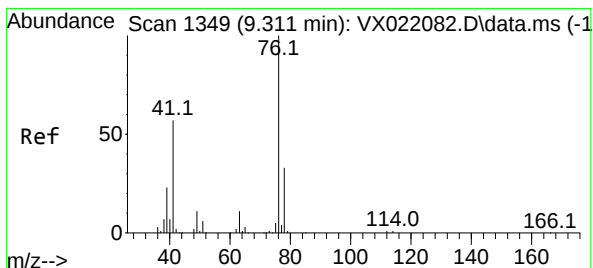
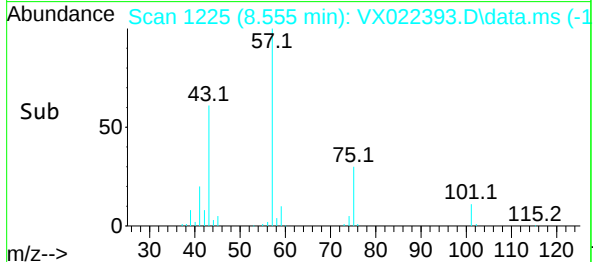
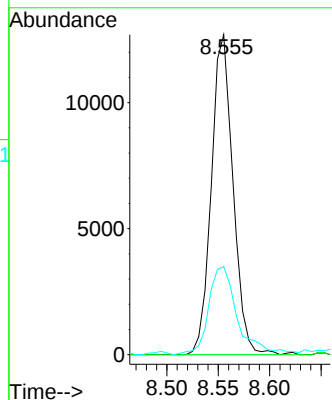
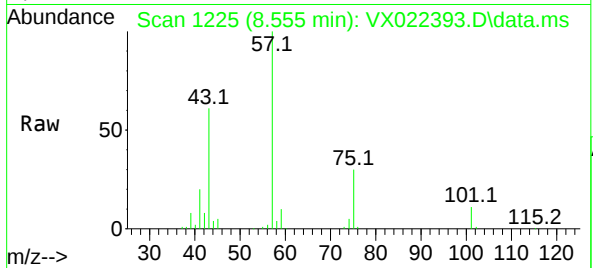




#54
cis-1,3-Dichloropropene
Concen: 11.50 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.182 min
Lab File: VX022393.D
Acq: 04 Jun 2021 02:11

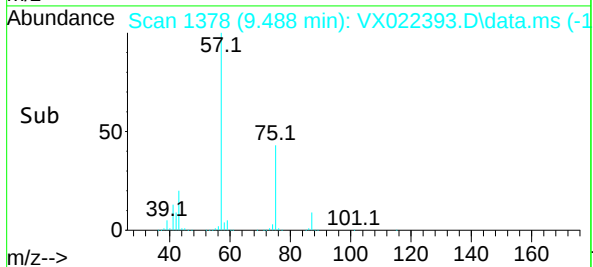
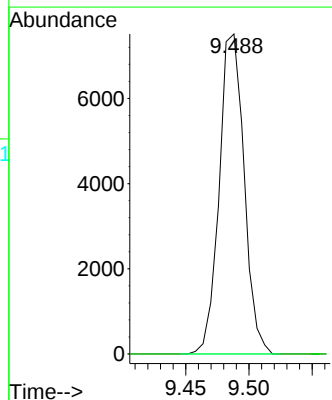
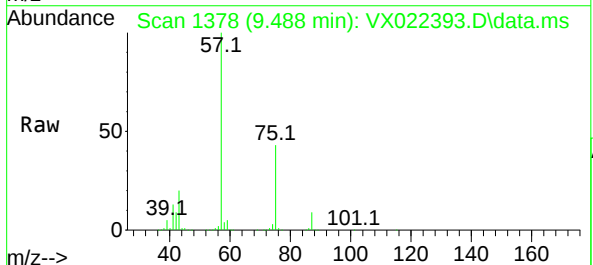
Instrument :
MSVOA_X
ClientSampleId :
PB36780ZHE#08

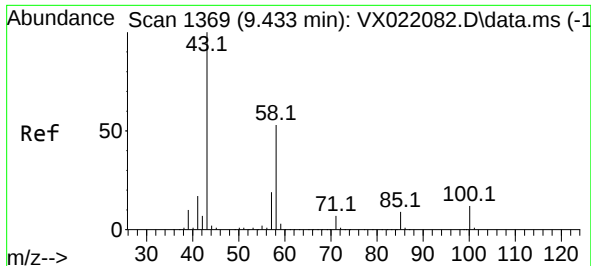
Tgt Ion: 75 Resp: 18563
Ion Ratio Lower Upper
75 100
77 0.0 25.7 38.5#
39 27.0 35.1 52.7#



#57
1,3-Dichloropropane
Concen: 6.23 ug/l
RT: 9.488 min Scan# 1378
Delta R.T. 0.177 min
Lab File: VX022393.D
Acq: 04 Jun 2021 02:11

Tgt Ion: 76 Resp: 10277
Ion Ratio Lower Upper
76 100
78 0.0 26.2 39.2#

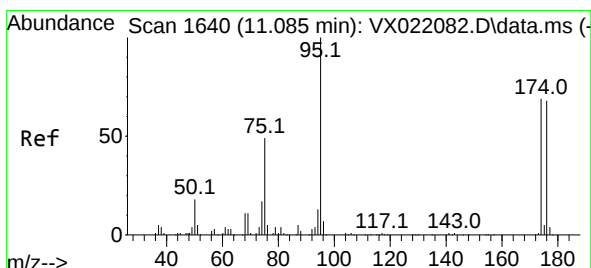
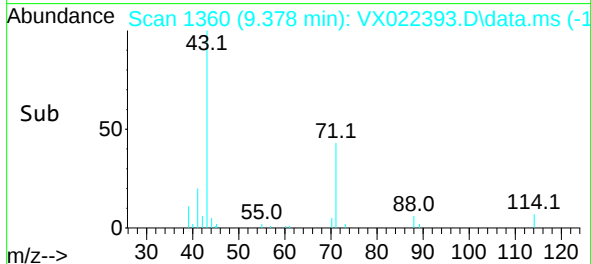
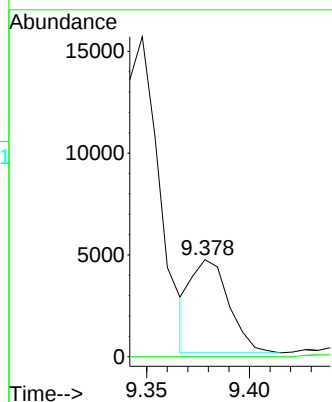
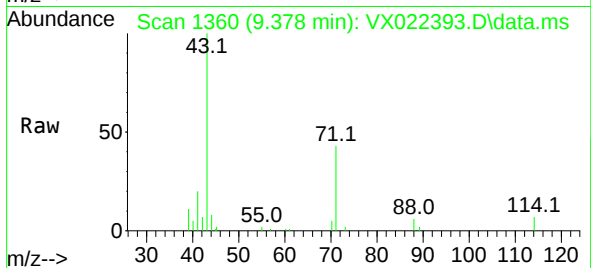




#59
2-Hexanone
Concen: 5.36 ug/l
RT: 9.378 min Scan# 1360
Delta R.T. -0.055 min
Lab File: VX022393.D
Acq: 04 Jun 2021 02:11

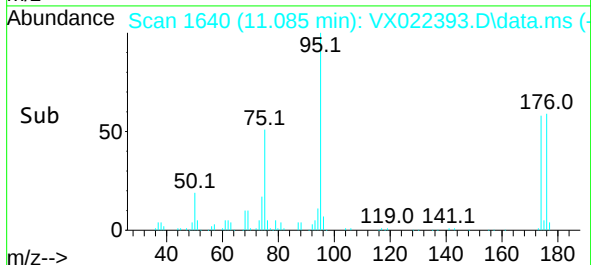
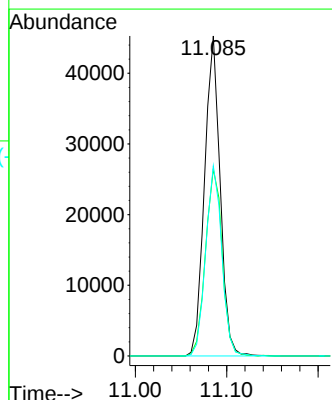
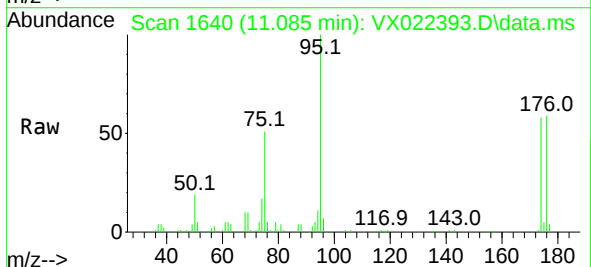
Instrument :
MSVOA_X
ClientSampleId :
PB36780ZHE#08

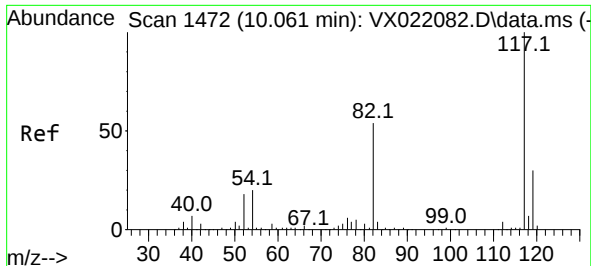
Tgt Ion: 43 Resp: 5912
Ion Ratio Lower Upper
43 100
58 0.0 30.9 92.8#



#62
4-Bromofluorobenzene
Concen: 44.98 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX022393.D
Acq: 04 Jun 2021 02:11

Tgt Ion: 95 Resp: 53608
Ion Ratio Lower Upper
95 100
174 62.4 0.0 154.6
176 61.2 0.0 155.8

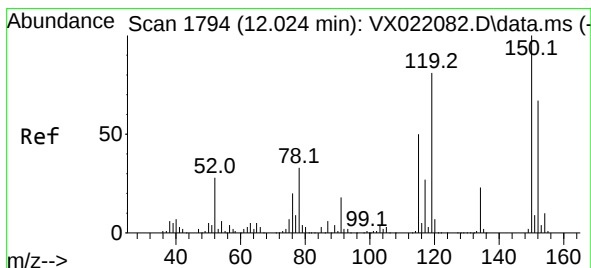
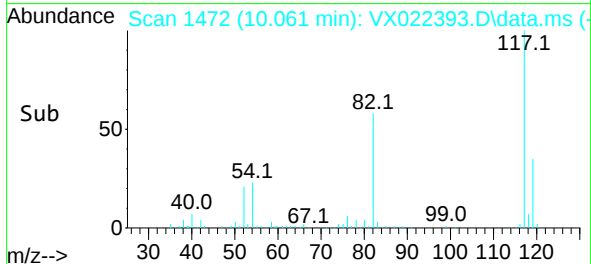
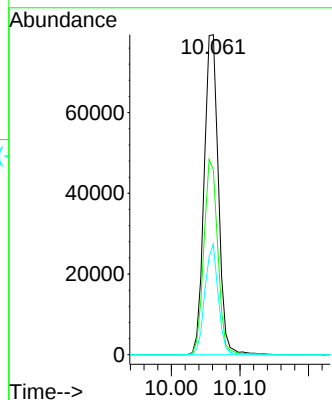
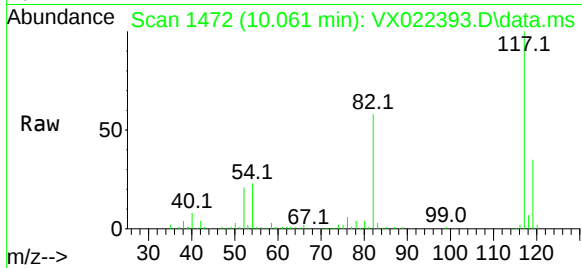




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.061 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VX022393.D
Acq: 04 Jun 2021 02:11

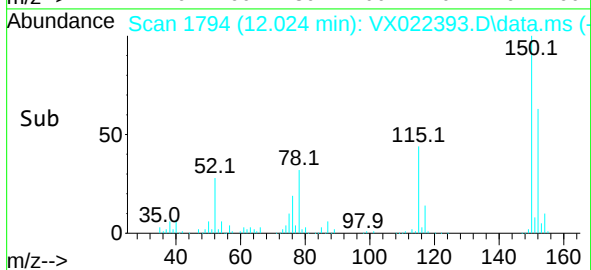
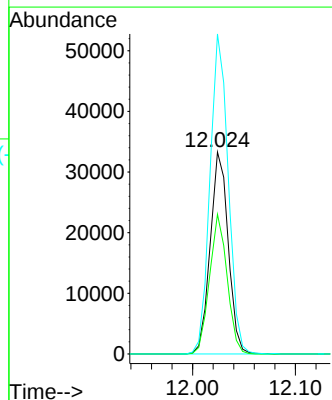
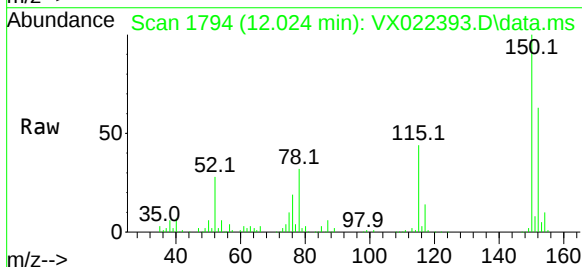
Instrument :
MSVOA_X
ClientSampleId :
PB36780ZHE#08

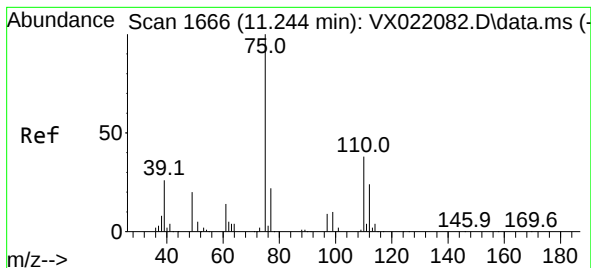
Tgt Ion:117 Resp: 115005
Ion Ratio Lower Upper
117 100
82 57.8 47.4 71.2
119 34.5 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX022393.D
Acq: 04 Jun 2021 02:11

Tgt Ion:152 Resp: 40466
Ion Ratio Lower Upper
152 100
115 67.4 41.1 123.3
150 160.1 0.0 349.0





#76

1,2,3-Trichloropropane

Concen: 28.35 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. -0.159 min

Lab File: VX022393.D

Acq: 04 Jun 2021 02:11

Tgt Ion: 75 Resp: 28302

Ion Ratio Lower Upper

75 100

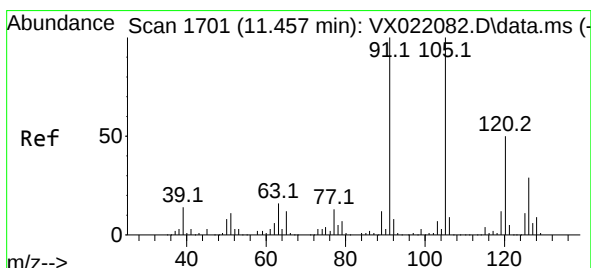
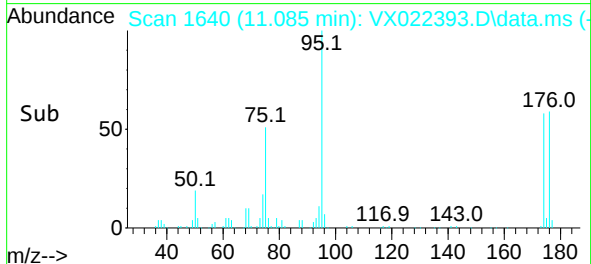
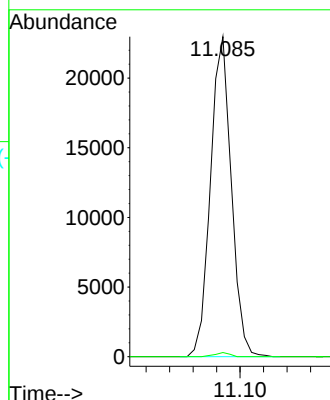
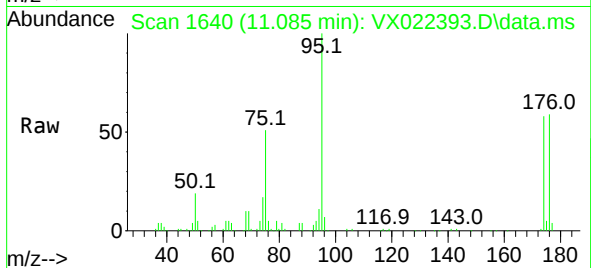
77 0.9 19.1 57.5#

Instrument :

MSVOA_X

ClientSampleId :

PB36780ZHE#08



#80

1,3,5-Trimethylbenzene

Concen: 0.82 ug/l

RT: 11.457 min Scan# 1701

Delta R.T. 0.000 min

Lab File: VX022393.D

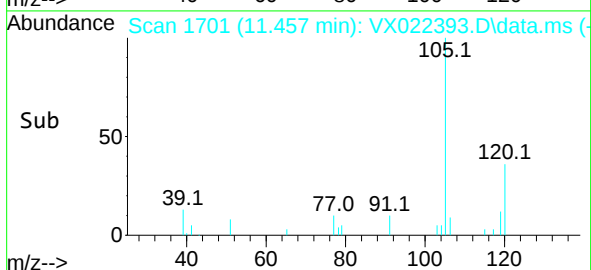
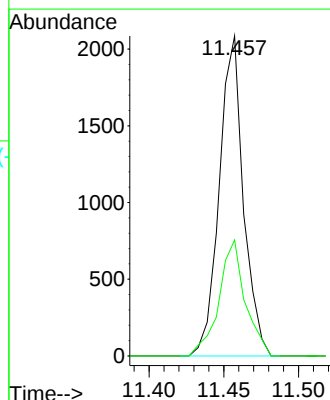
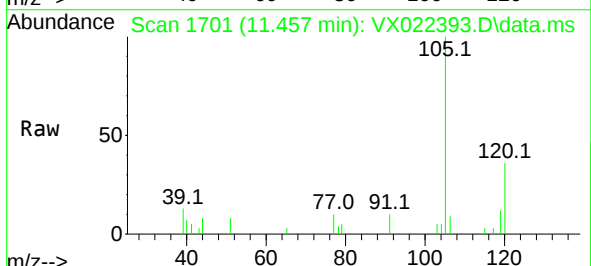
Acq: 04 Jun 2021 02:11

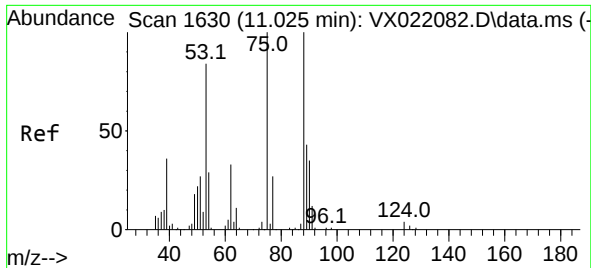
Tgt Ion:105 Resp: 2337

Ion Ratio Lower Upper

105 100

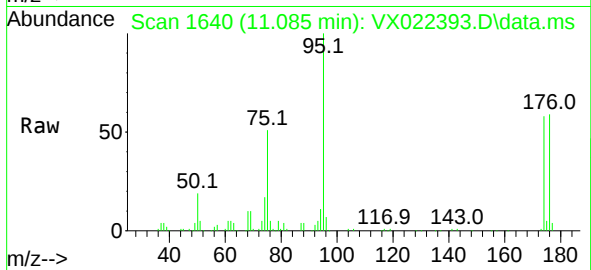
120 39.5 23.8 71.5





#81
 trans-1,4-Dichloro-2-butene
 Concen: 67.17 ug/l
 RT: 11.085 min Scan# 1640
 Delta R.T. 0.060 min
 Lab File: VX022393.D
 Acq: 04 Jun 2021 02:11

Instrument :
 MSVOA_X
 ClientSampleId :
 PB36780ZHE#08



Tgt Ion: 75 Resp: 28302
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.5 111.7#
 89 0.0 37.9 56.9#

