Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011122\
Data File : VY007118.D
Acq On : 11 Jan 2022 16:22
Operator : SY/MD
Sample : N1099-04
Misc : 6.07g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VACLOT-BACKFILL-TILCON-04

Quant Time: Jan 12 05:09:29 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010822S.M
Quant Title : SW846 8260
QLast Update : Mon Jan 10 03:29:44 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.795	168	126293	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	237065	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	225495	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	97846	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	83804	55.467	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 110.940%			
35) Dibromofluoromethane	7.722	113	79138	50.088	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.180%			
50) Toluene-d8	10.185	98	290495	49.776	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 99.560%			
62) 4-Bromofluorobenzene	12.483	95	107537	51.091	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 102.180%			
Target Compounds						Qvalue
16) Acetone	3.960	43	5554	19.593	ug/l #	86
20) Methylene Chloride	4.716	84	500	Below Cal	#	66
31) Cyclohexane	7.795	56	3002	1.154	ug/l #	9
36) 1,1-Dichloropropene	7.795	75	10896	4.352	ug/l #	50
38) Carbon Tetrachloride	7.795	117	13718	5.244	ug/l #	16
51) 4-Methyl-2-Pentanone	10.185	43	1427	1.218	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	57483	51.475	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	57483	96.684	ug/l #	3

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

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MSVOA_Y
ClientSampleId :
VACLOT-BACKFILL-TILCON-04

Quant Time: Jan 12 05:09:29 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010822S.M
Quant Title : SW846 8260
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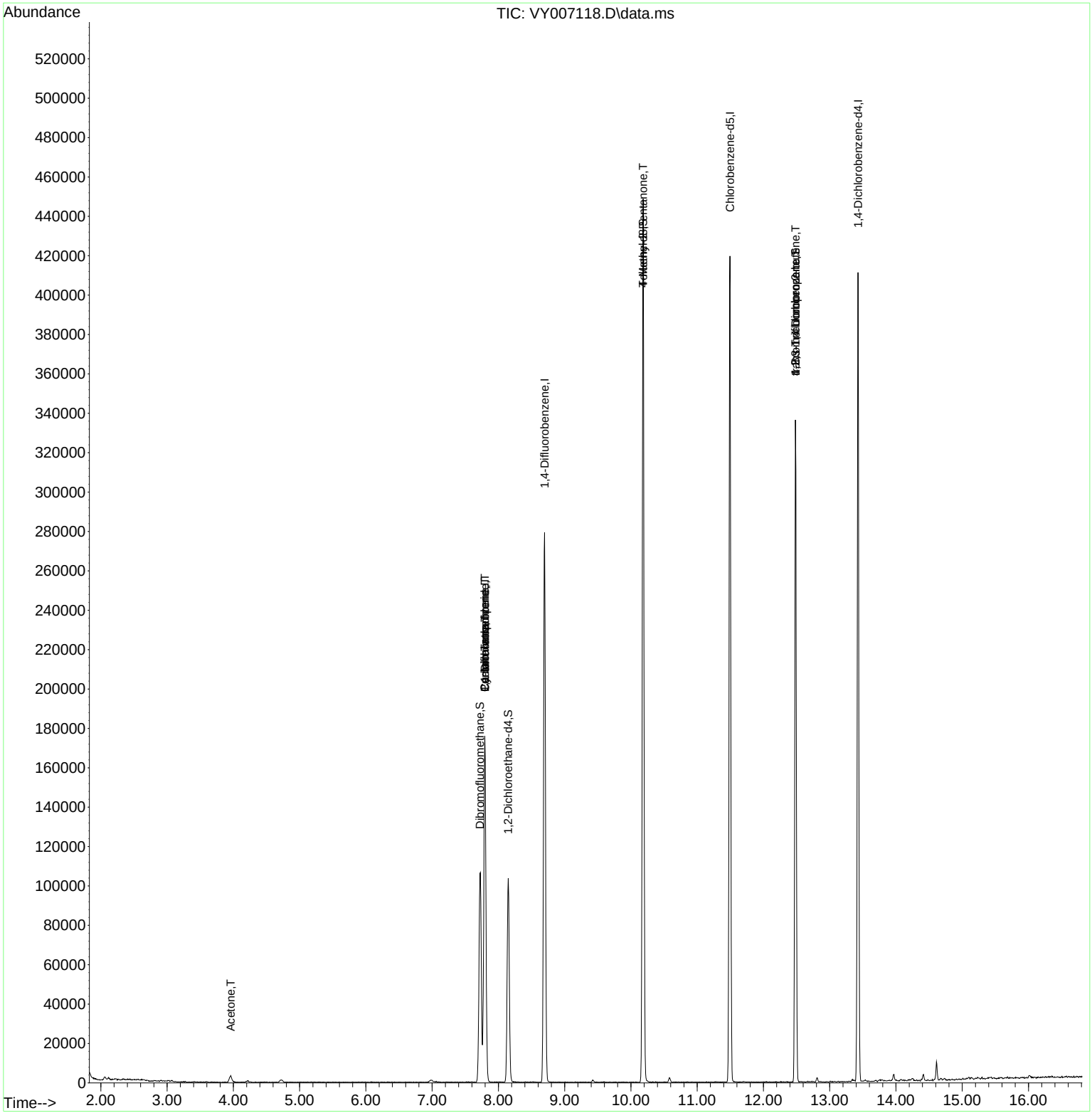
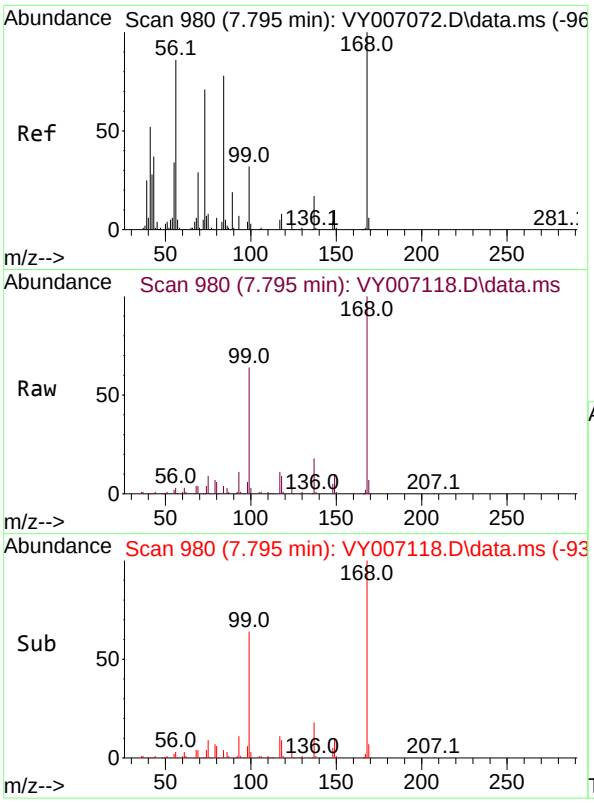
Response via : Initial Calibration



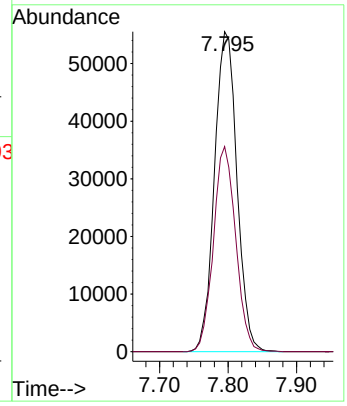


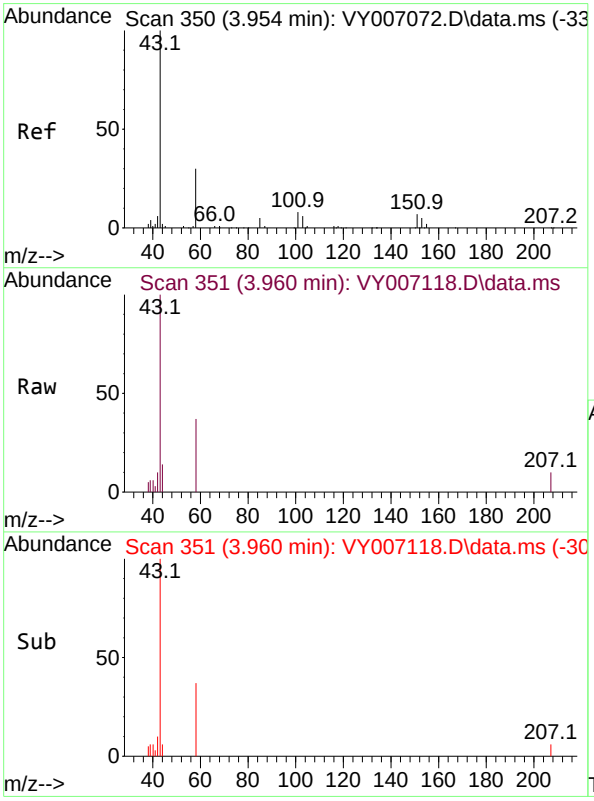
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY007118.D
Acq: 11 Jan 2022 16:22

Instrument :
MSVOA_Y
ClientSampleId :
VACLOT-BACKFILL-TILCON-04

Tgt Ion:168 Resp: 126293

Ion	Ratio	Lower	Upper
168	100		
99	64.1	49.1	73.7

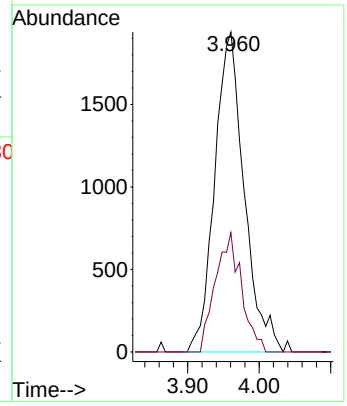


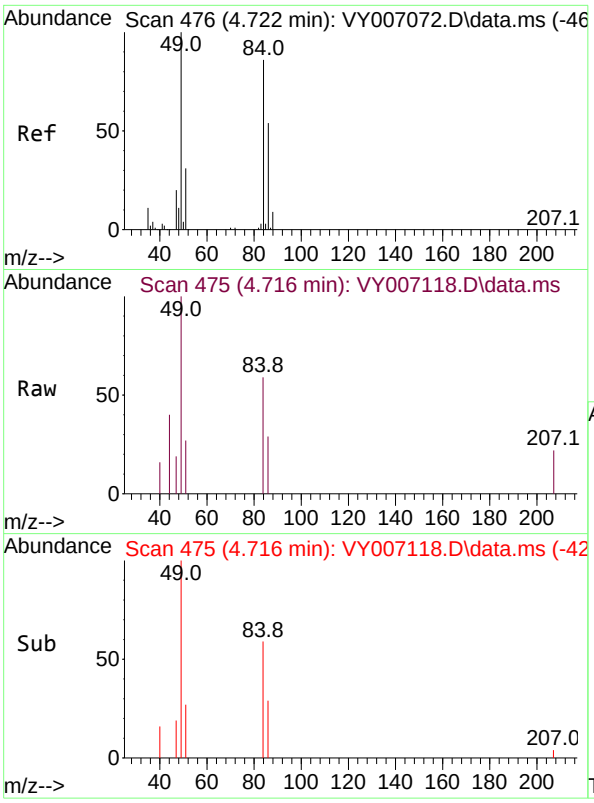


#16
Acetone
Concen: 19.593 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY007118.D
Acq: 11 Jan 2022 16:22

Tgt Ion: 43 Resp: 5554

Ion	Ratio	Lower	Upper
43	100		
58	37.3	23.8	35.6#



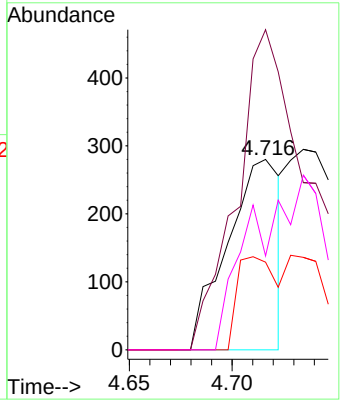


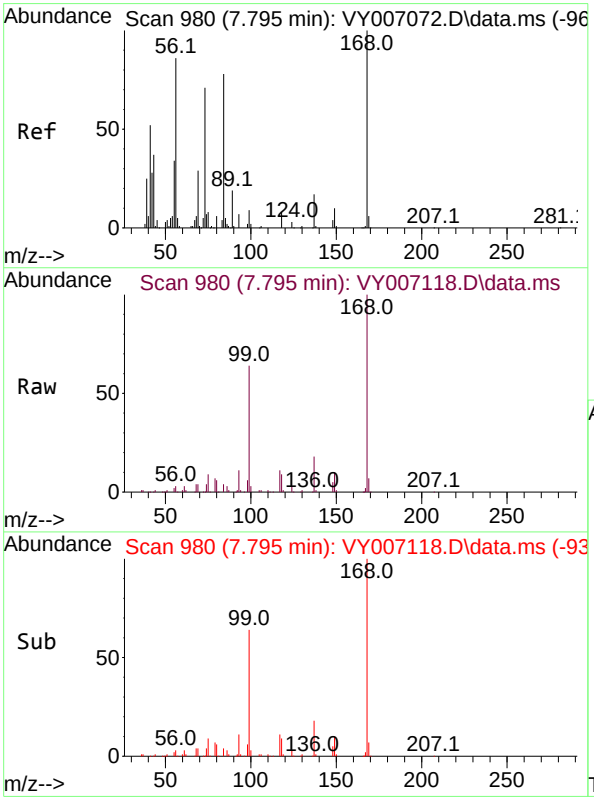
#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 4
Delta R.T. -0.006 min
Lab File: VY007118.D
Acq: 11 Jan 2022 16:22

Instrument :
MSVOA_Y
ClientSampleId :
VACLOT-BACKFILL-TILCON-04

Tgt Ion: 84 Resp: 500

Ion	Ratio	Lower	Upper
84	100		
49	168.2	92.6	139.0#
51	46.1	28.6	42.8#
86	49.3	50.1	75.1#

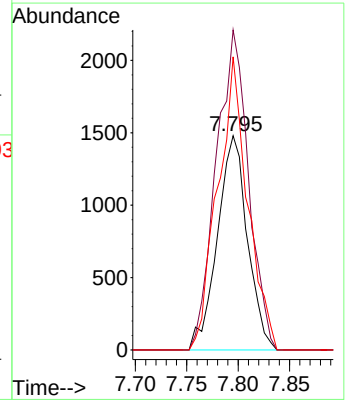


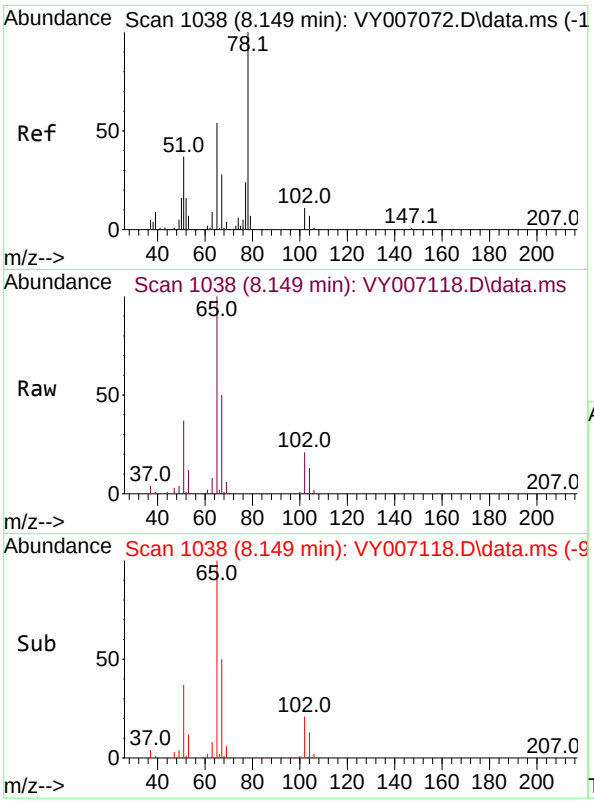


#31
Cyclohexane
Concen: 1.154 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY007118.D
Acq: 11 Jan 2022 16:22

Tgt Ion: 56 Resp: 3002

Ion	Ratio	Lower	Upper
56	100		
69	149.3	27.2	40.8#
84	136.8	72.1	108.1#



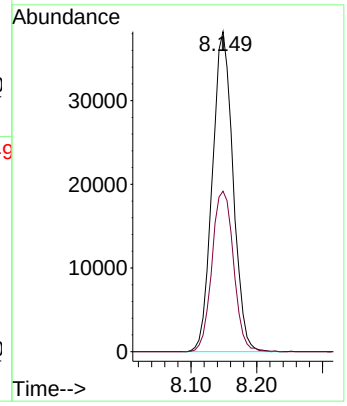


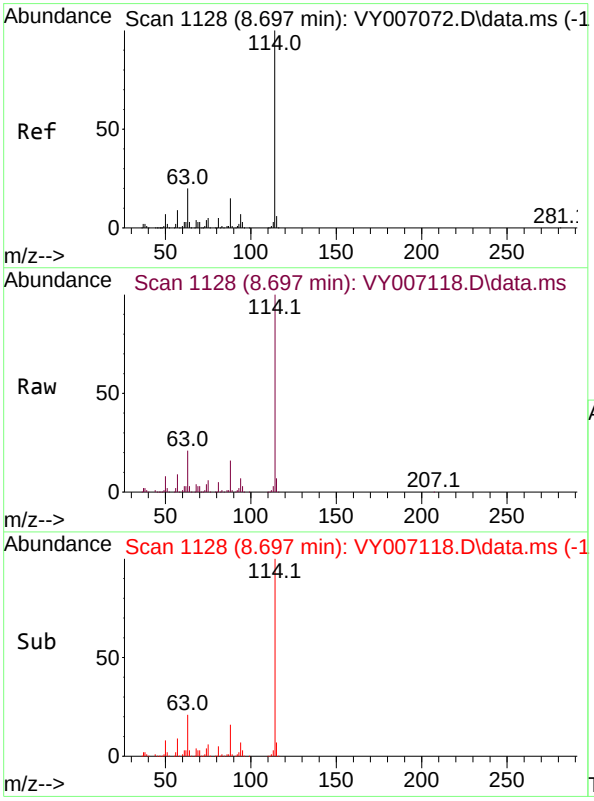
#33
1,2-Dichloroethane-d4
Concen: 55.467 ug/l
RT: 8.149 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY007118.D
Acq: 11 Jan 2022 16:22

Instrument :
MSVOA_Y
ClientSampleId :
VACLOT-BACKFILL-TILCON-04

Tgt Ion: 65 Resp: 83804

Ion	Ratio	Lower	Upper
65	100		
67	52.3	0.0	105.6

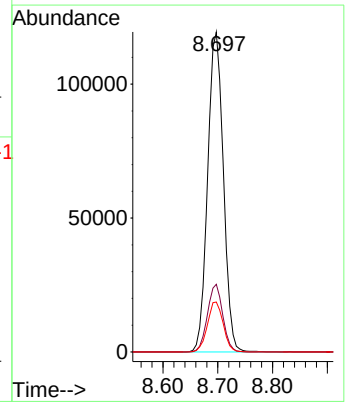


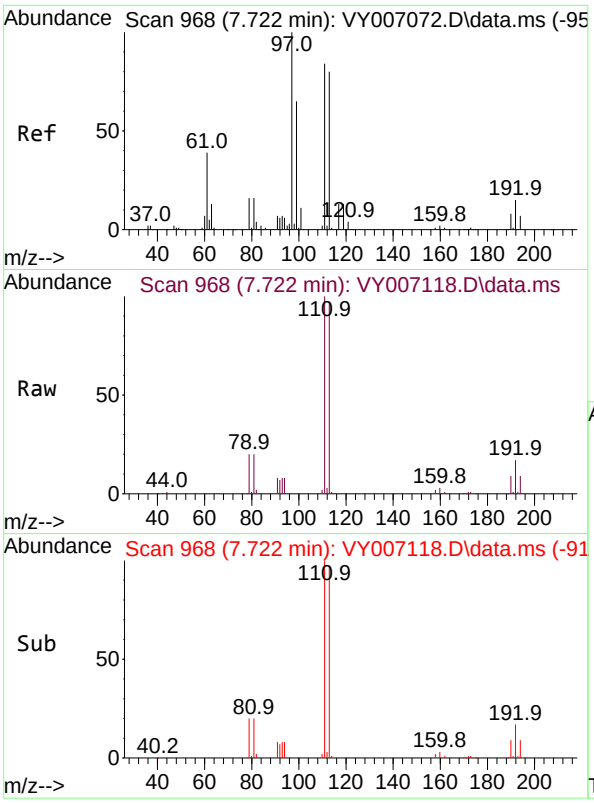


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY007118.D
Acq: 11 Jan 2022 16:22

Tgt Ion:114 Resp: 237065

Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	39.2
88	15.6	0.0	31.0



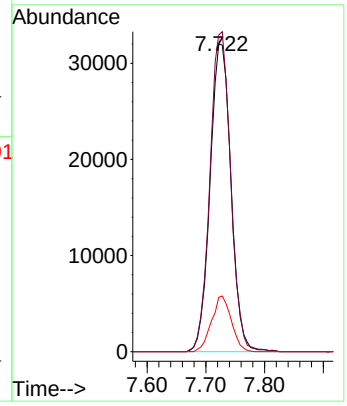


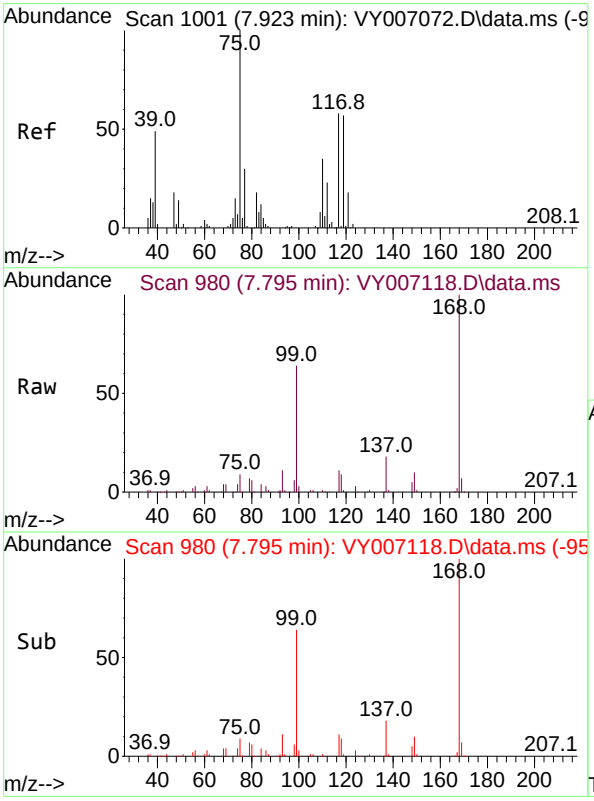
#35
Dibromofluoromethane
Concen: 50.088 ug/l
RT: 7.722 min Scan# 9
Delta R.T. 0.000 min
Lab File: VY007118.D
Acq: 11 Jan 2022 16:22

Instrument :
MSVOA_Y
ClientSampleId :
VACLOT-BACKFILL-TILCON-04

Tgt Ion:113 Resp: 79138

Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.2	123.4
192	17.1	14.2	21.4

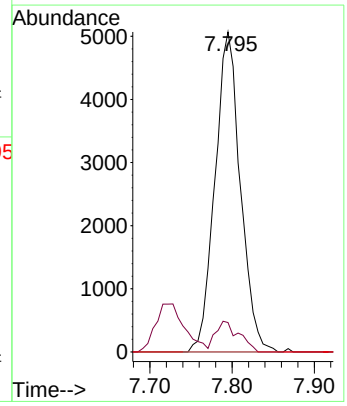


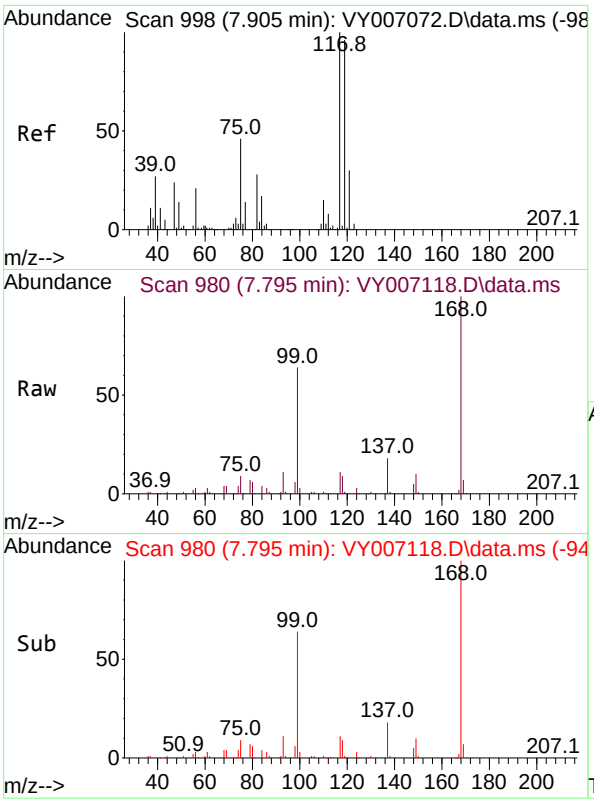


#36
1,1-Dichloropropene
Concen: 4.352 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY007118.D
Acq: 11 Jan 2022 16:22

Tgt Ion: 75 Resp: 10896

Ion	Ratio	Lower	Upper
75	100		
110	8.8	17.3	51.9#
77	0.0	24.7	37.1#



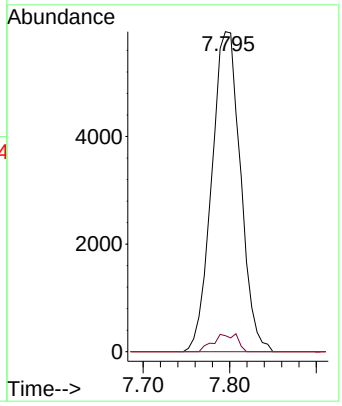


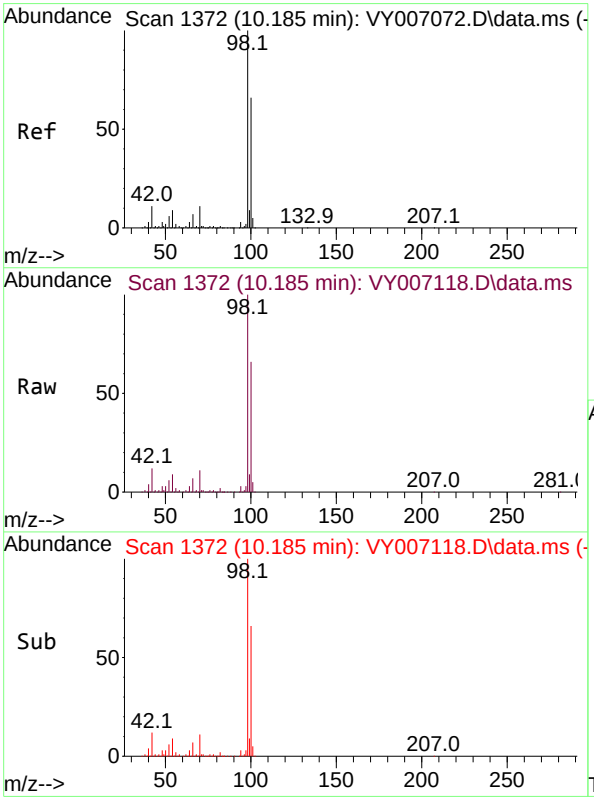
#38
Carbon Tetrachloride
Concen: 5.244 ug/l
RT: 7.795 min Scan# 9
Delta R.T. -0.110 min
Lab File: VY007118.D
Acq: 11 Jan 2022 16:22

Instrument :
MSVOA_Y
ClientSampleId :
VACLOT-BACKFILL-TILCON-04

Tgt Ion:117 Resp: 13718

Ion	Ratio	Lower	Upper
117	100		
119	5.0	77.2	115.8#
121	0.0	24.2	36.2#

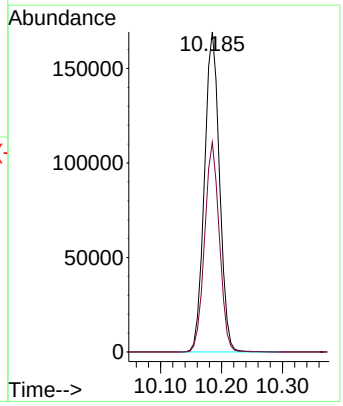


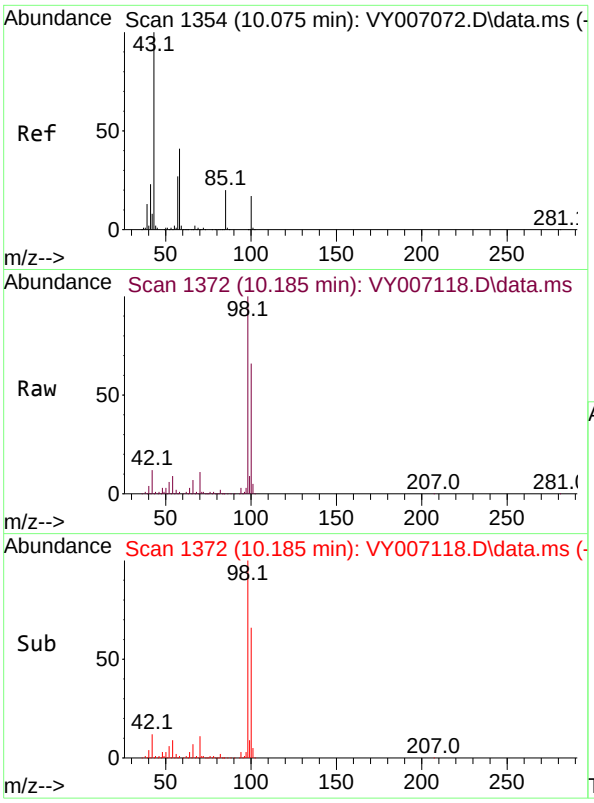


#50
Toluene-d8
Concen: 49.776 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY007118.D
Acq: 11 Jan 2022 16:22

Tgt Ion: 98 Resp: 290495

Ion	Ratio	Lower	Upper
98	100		
100	64.1	52.2	78.2



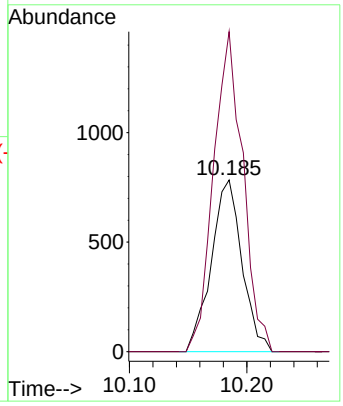


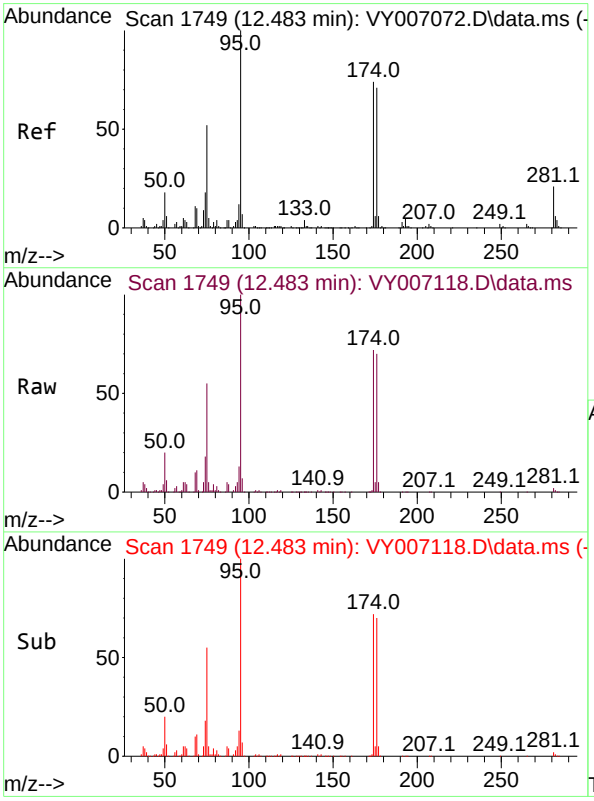
#51
4-Methyl-2-Pentanone
Concen: 1.218 ug/l
RT: 10.185 min Scan# 1
Delta R.T. 0.110 min
Lab File: VY007118.D
Acq: 11 Jan 2022 16:22

Instrument :
MSVOA_Y
ClientSampleId :
VACLOT-BACKFILL-TILCON-04

Tgt Ion: 43 Resp: 1427

Ion	Ratio	Lower	Upper
43	100		
58	178.1	32.8	49.2#

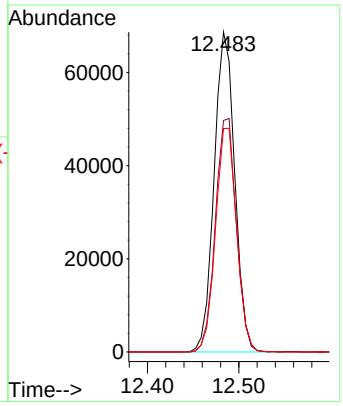


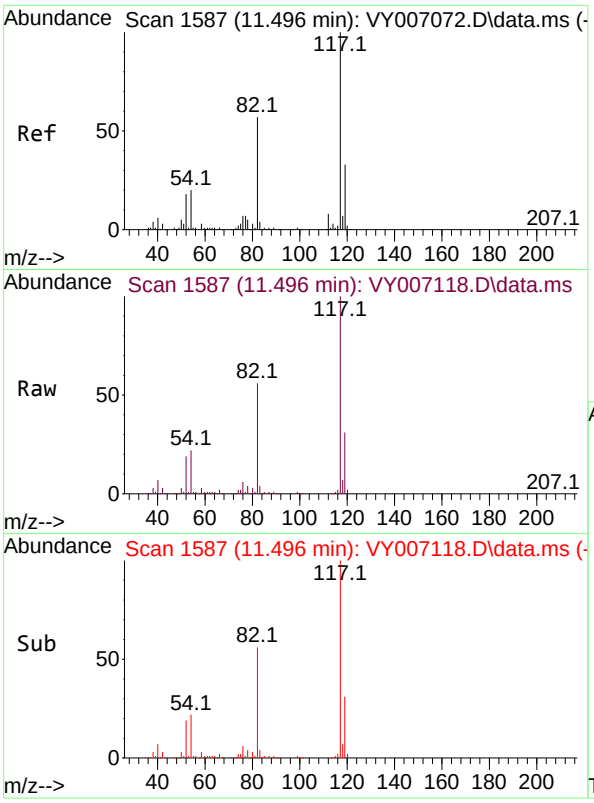


#62
4-Bromofluorobenzene
Concen: 51.091 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY007118.D
Acq: 11 Jan 2022 16:22

Tgt Ion: 95 Resp: 107537

Ion	Ratio	Lower	Upper
95	100		
174	74.6	0.0	148.4
176	71.6	0.0	146.6



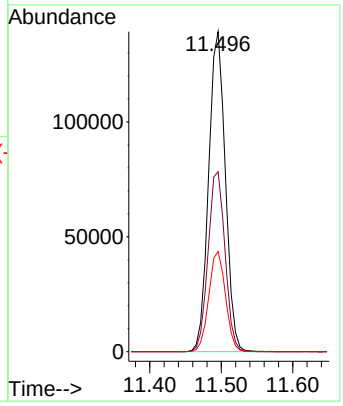


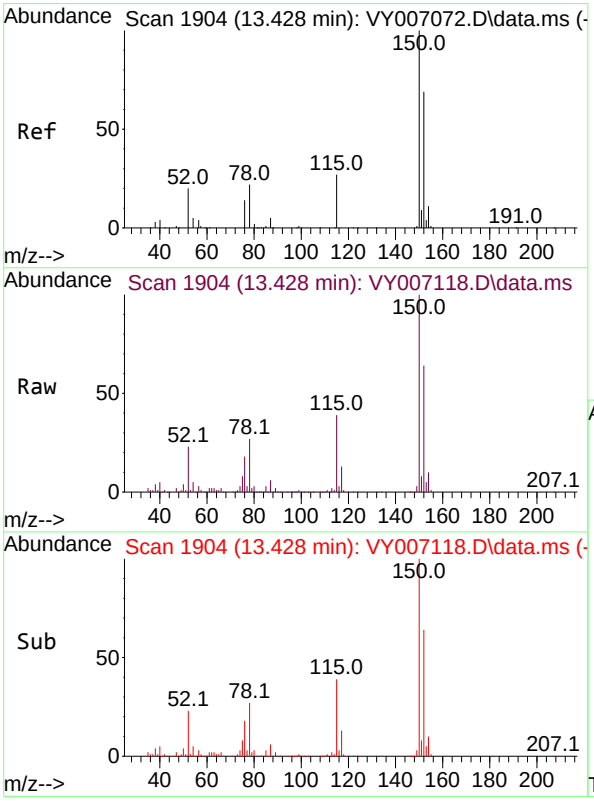
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY007118.D
Acq: 11 Jan 2022 16:22

Instrument :
MSVOA_Y
ClientSampleId :
VACLOT-BACKFILL-TILCON-04

Tgt Ion:117 Resp: 225495

Ion	Ratio	Lower	Upper
117	100		
82	56.3	45.4	68.0
119	31.3	26.4	39.6

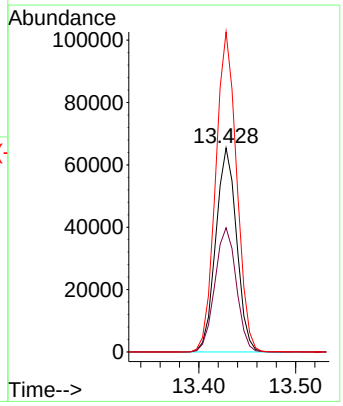


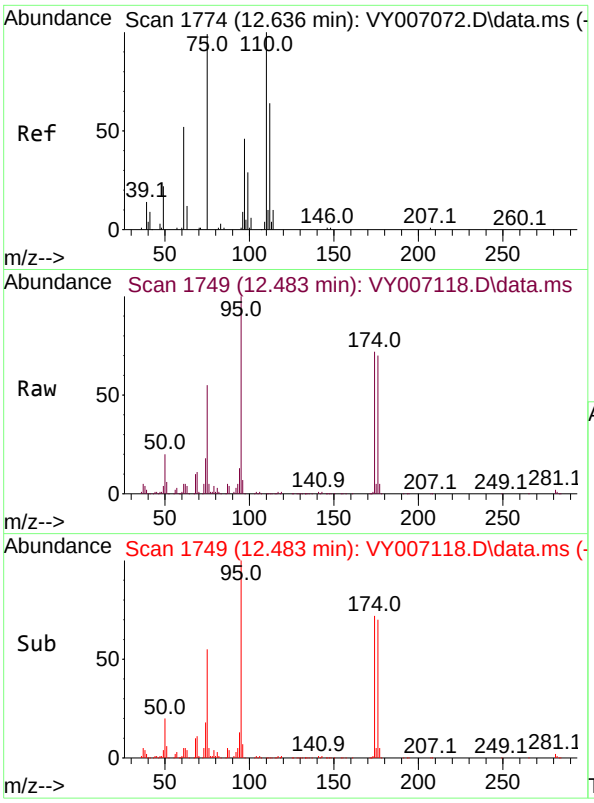


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY007118.D
Acq: 11 Jan 2022 16:22

Tgt Ion:152 Resp: 97846

Ion	Ratio	Lower	Upper
152	100		
115	62.5	31.4	94.0
150	158.0	0.0	348.4



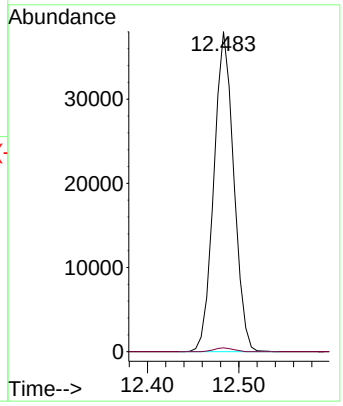


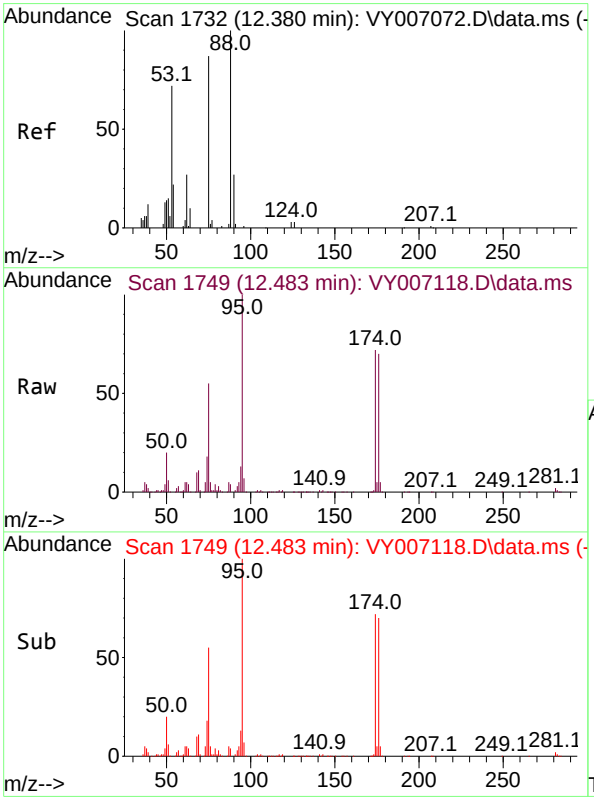
#76
1,2,3-Trichloropropane
Concen: 51.475 ug/l
RT: 12.483 min Scan# 1
Delta R.T. -0.152 min
Lab File: VY007118.D
Acq: 11 Jan 2022 16:22

Instrument :
MSVOA_Y
ClientSampleId :
VACLOT-BACKFILL-TILCON-04

Tgt Ion: 75 Resp: 57483

Ion	Ratio	Lower	Upper
75	100		
77	1.2	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 96.684 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY007118.D
Acq: 11 Jan 2022 16:22

Tgt Ion: 75 Resp: 57483

Ion	Ratio	Lower	Upper
75	100		
53	0.0	73.9	110.9#
89	0.0	0.0	0.0