

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011421\
 Data File : VU042028.D
 Acq On : 14 Jan 2021 12:38
 Operator : SY/MD
 Sample : M1027-14DL 5X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFXK8DL

Quant Time: Jan 15 05:23:07 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011321WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jan 15 05:20:45 2021
 Response via : Initial Calibration

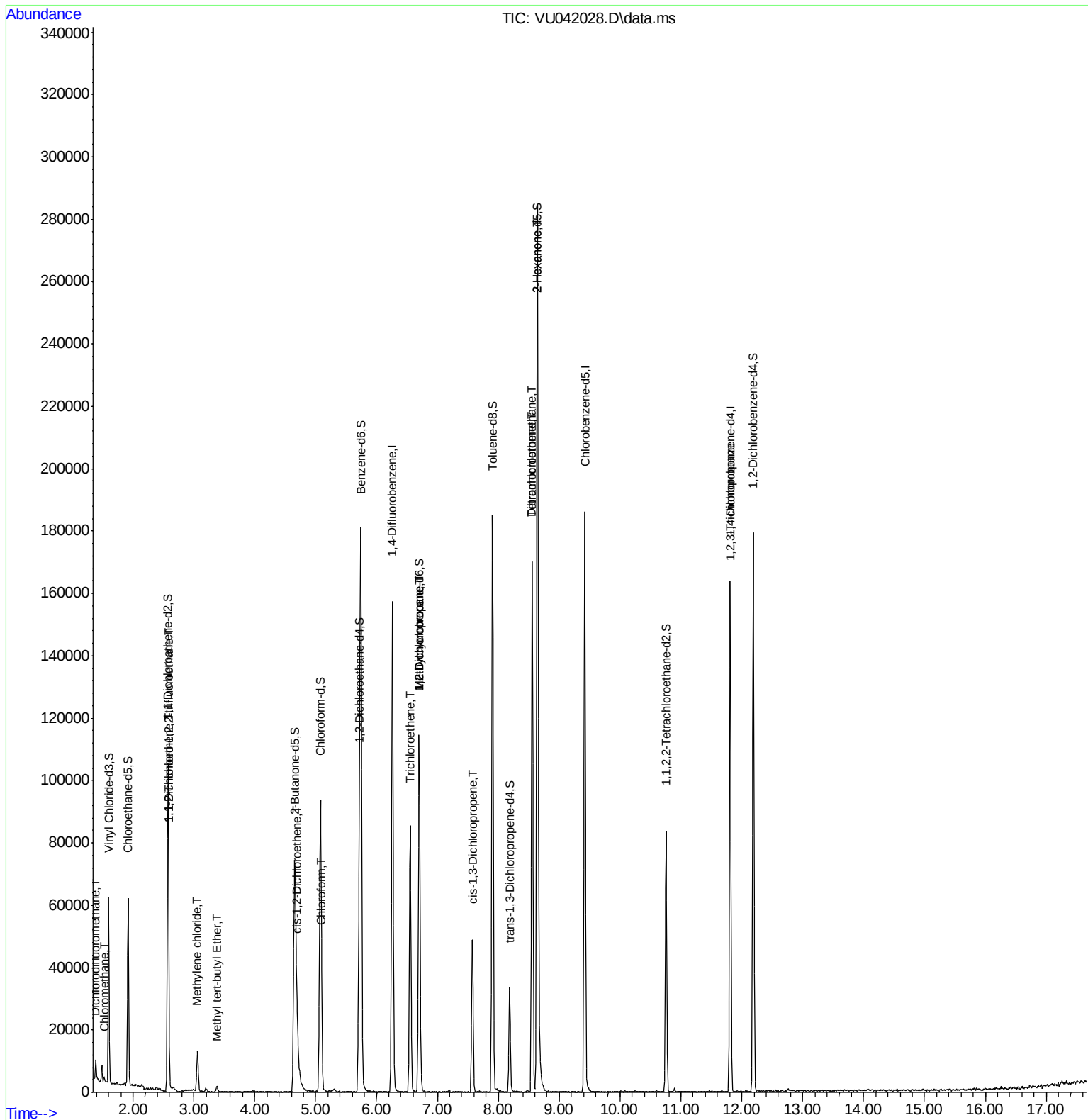
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

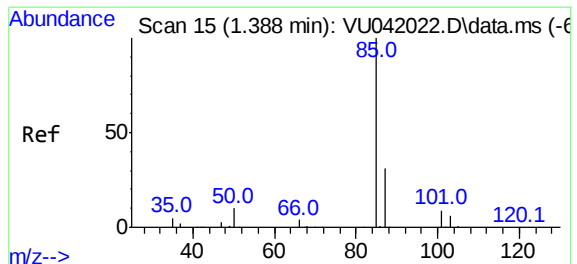
Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	124007	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	103265	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.809	152	43072	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	39607	4.23	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.60%
7) Chloroethane-d5	1.919	69	42112	4.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.00%
11) 1,1-Dichloroethene-d2	2.575	63	62711	3.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.60%
20) 2-Butanone-d5	4.658	46	148146	47.18	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.36%
24) Chloroform-d	5.079	84	87564	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.40%
26) 1,2-Dichloroethane-d4	5.716	65	50105	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
32) Benzene-d6	5.742	84	169027	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.20%
36) 1,2-Dichloropropane-d6	6.700	67	56023	5.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.40%
41) Toluene-d8	7.906	98	123167	4.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.60%
43) trans-1,3-Dichloroprop...	8.185	79	19865	4.51	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.20%
46) 2-Hexanone-d5	8.642	63	111193	49.29	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.58%
57) 1,1,2,2-Tetrachloroeth...	10.754	84	42234	5.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.40%
64) 1,2-Dichlorobenzene-d4	12.188	152	45736	5.64	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.80%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	2276	0.20	ug/L	98
3) Chloromethane	1.523	50	1598	0.11	ug/L	86
10) 1,1,2-Trichloro-1,2,2-...	2.584	101	516	0.05	ug/L #	21
12) 1,1-Dichloroethene	2.584	96	660	0.07	ug/L #	1
16) Methylene chloride	3.057	84	6089	0.54	ug/L	96
17) Methyl tert-butyl Ether	3.375	73	1819	0.07	ug/L #	88
22) cis-1,2-Dichloroethene	4.687	96	2059	0.20	ug/L	82
25) Chloroform	5.099	83	1158	0.06	ug/L	87
34) Trichloroethene	6.555	95	30487	3.19	ug/L	96
35) Methylcyclohexane	6.700	83	12468	0.82	ug/L #	16
37) 1,2-Dichloropropane	6.700	63	6206	0.63	ug/L #	90
39) cis-1,3-Dichloropropene	7.578	75	1144	0.08	ug/L #	71
47) Tetrachloroethene	8.555	164	38019	6.14	ug/L	97
48) 2-Hexanone	8.642	43	12106	2.61	ug/L #	66
49) Dibromochloromethane	8.555	129	37572	4.91	ug/L #	11
59) 1,2,3-Trichloropropane	11.806	75	4755	0.73	ug/L	95

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

Instrument :
MSVOA_U
ClientSampleId :
BFXK8DL

Quant Time: Jan 15 05:23:07 2021
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR011321WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jan 15 05:20:45 2021
Response via : Initial Calibration

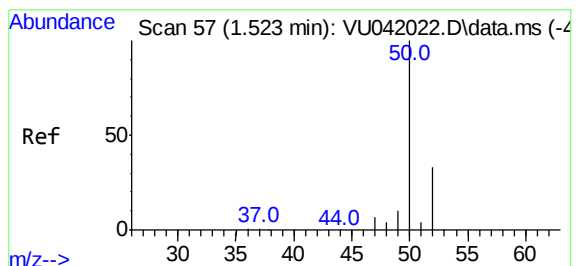
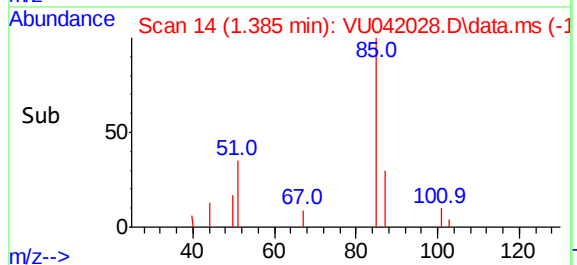
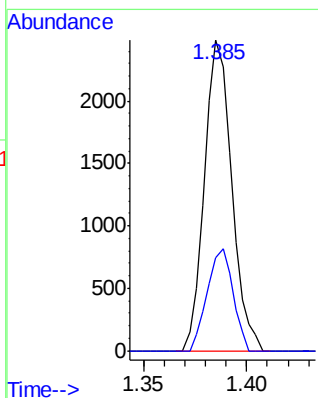
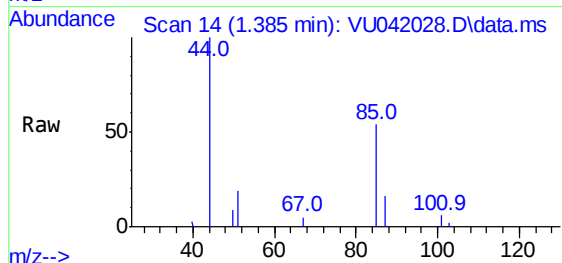




#2
Dichlorodifluoromethane
Concen: 0.20 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.003 min
Lab File: VU042028.D
Acq: 14 Jan 2021 12:38

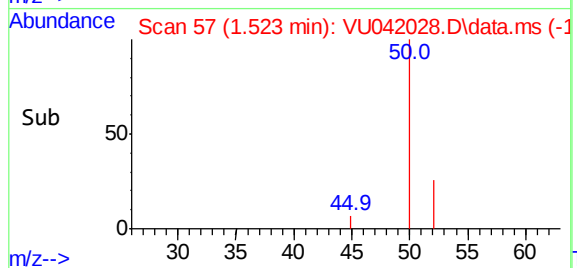
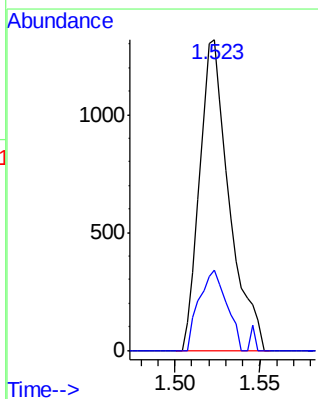
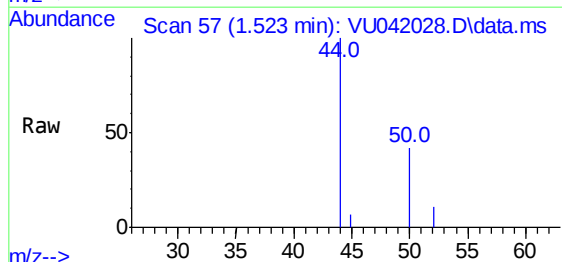
Instrument :
MSVOA_U
ClientSampleId :
BFXK8DL

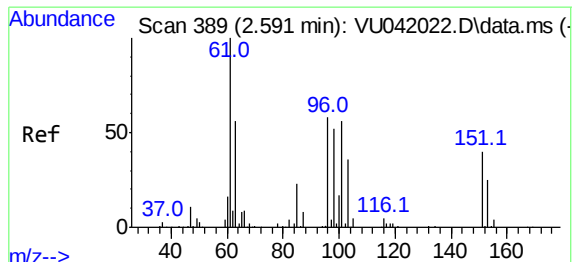
Tgt Ion: 85 Resp: 2276
Ion Ratio Lower Upper
85 100
87 30.9 25.7 38.5



#3
Chloromethane
Concen: 0.11 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.000 min
Lab File: VU042028.D
Acq: 14 Jan 2021 12:38

Tgt Ion: 50 Resp: 1598
Ion Ratio Lower Upper
50 100
52 25.6 23.5 43.7

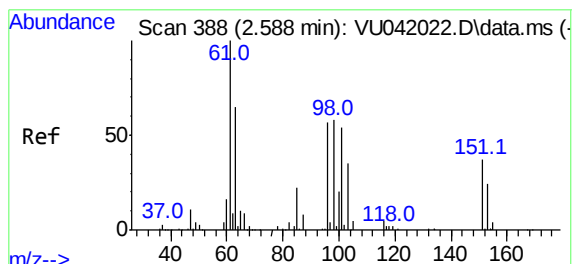
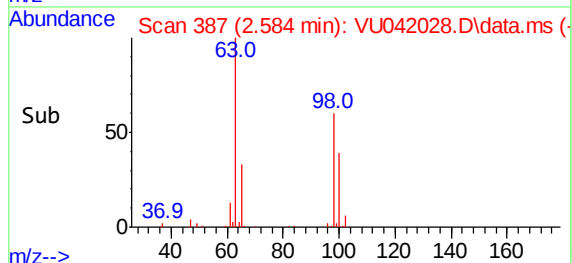
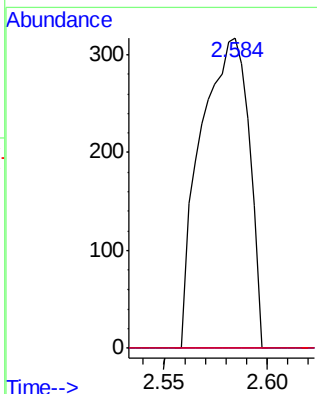
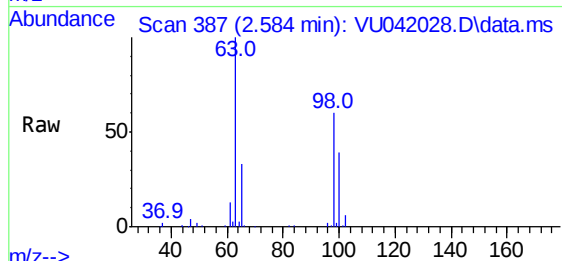




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.05 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. -0.006 min
 Lab File: VU042028.D
 Acq: 14 Jan 2021 12:38

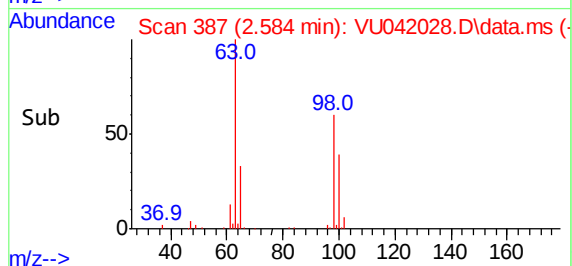
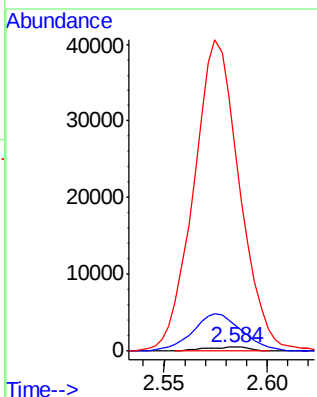
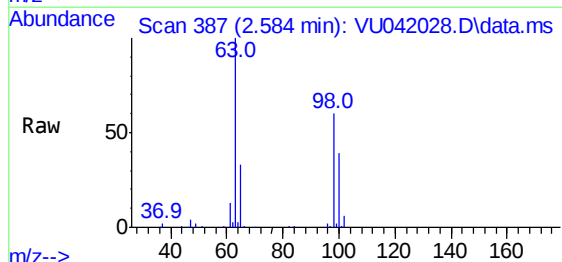
Instrument :
 MSVOA_U
 ClientSampleId :
 BFXK8DL

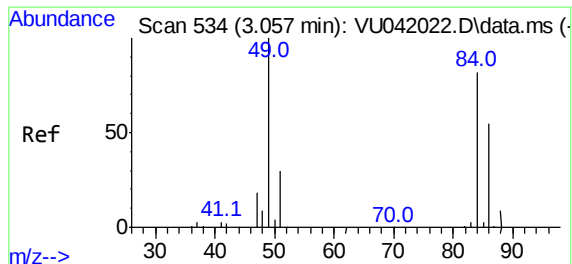
Tgt Ion:101 Resp: 516
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.9 53.9#
 151 0.0 55.4 83.2#



#12
 1,1-Dichloroethene
 Concen: 0.07 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. -0.003 min
 Lab File: VU042028.D
 Acq: 14 Jan 2021 12:38

Tgt Ion: 96 Resp: 660
 Ion Ratio Lower Upper
 96 100
 61 733.7 122.2 226.9#
 63 5811.1 82.8 153.8#

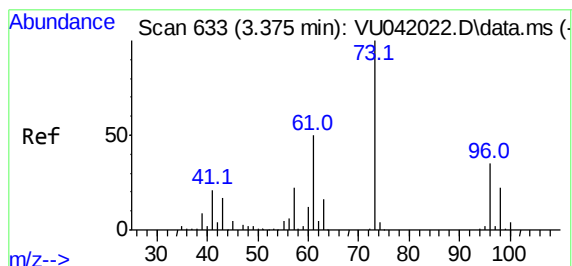
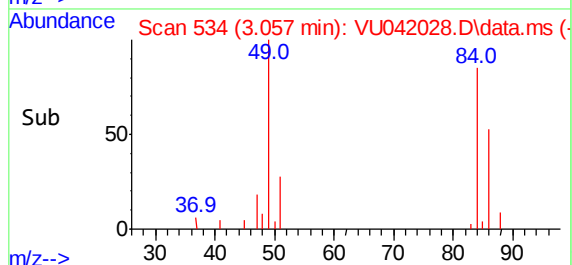
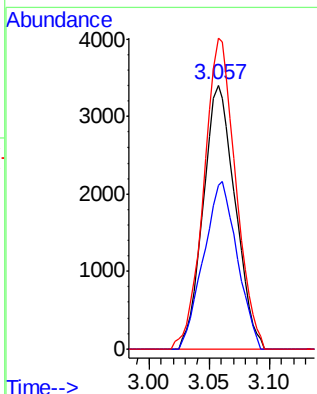
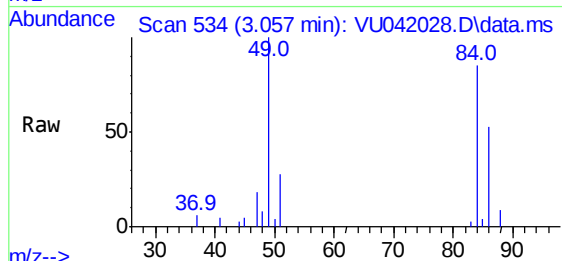




#16
Methylene chloride
Concen: 0.54 ug/L
RT: 3.057 min Scan# 534
Delta R.T. 0.000 min
Lab File: VU042028.D
Acq: 14 Jan 2021 12:38

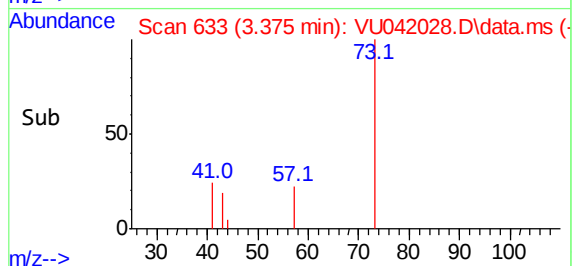
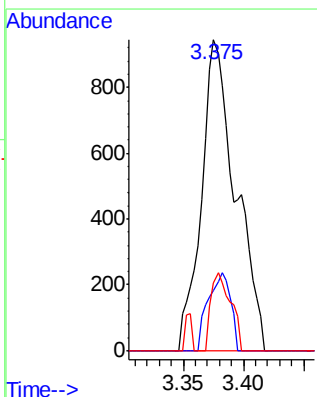
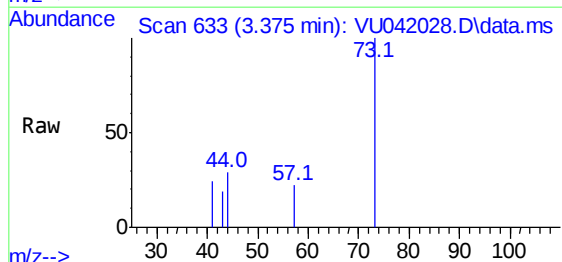
Instrument :
MSVOA_U
ClientSampleId :
BFXK8DL

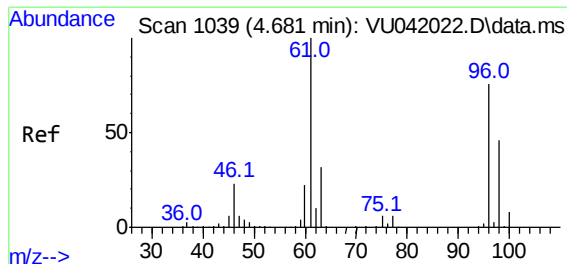
Tgt Ion: 84 Resp: 6089
Ion Ratio Lower Upper
84 100
86 62.0 42.6 79.0
49 117.7 86.2 160.0



#17
Methyl tert-butyl Ether
Concen: 0.07 ug/L
RT: 3.375 min Scan# 633
Delta R.T. 0.000 min
Lab File: VU042028.D
Acq: 14 Jan 2021 12:38

Tgt Ion: 73 Resp: 1819
Ion Ratio Lower Upper
73 100
43 16.2 15.1 22.7
57 14.2 18.0 27.0#

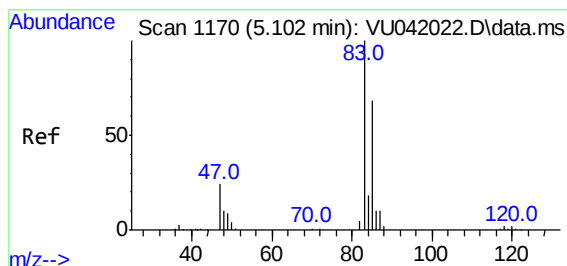
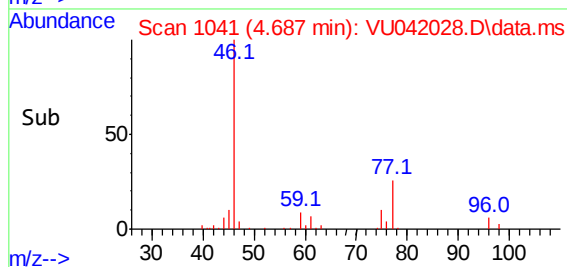
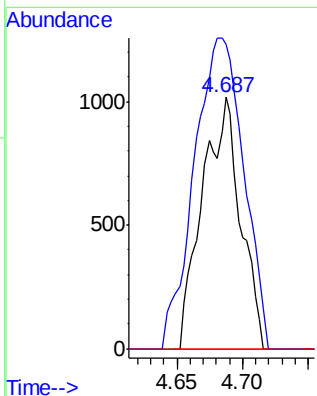
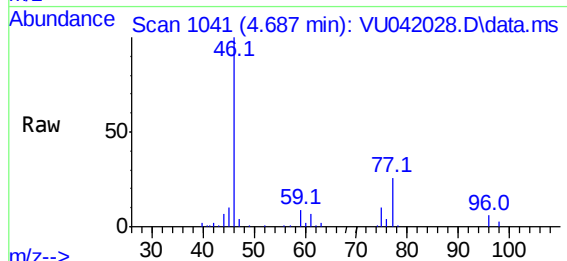




#22
cis-1,2-Dichloroethene
Concen: 0.20 ug/L
RT: 4.687 min Scan# 1041
Delta R.T. 0.007 min
Lab File: VU042028.D
Acq: 14 Jan 2021 12:38

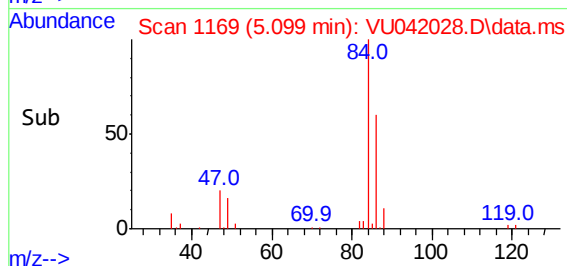
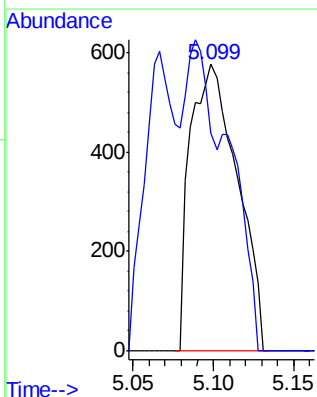
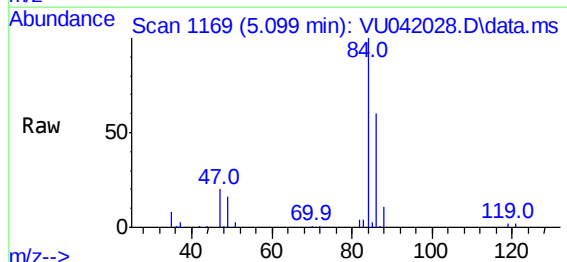
Instrument :
MSVOA_U
ClientSampled :
BFXK8DL

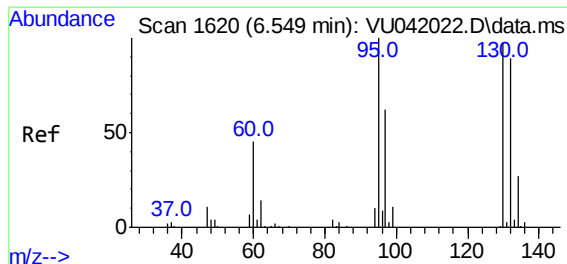
Tgt Ion: 96 Resp: 2059
Ion Ratio Lower Upper
96 100
61 121.0 100.3 186.3
68 0.0 0.0 0.0



#25
Chloroform
Concen: 0.06 ug/L
RT: 5.099 min Scan# 1169
Delta R.T. -0.003 min
Lab File: VU042028.D
Acq: 14 Jan 2021 12:38

Tgt Ion: 83 Resp: 1158
Ion Ratio Lower Upper
83 100
85 75.9 46.1 85.7





#34

Trichloroethene

Concen: 3.19 ug/L

RT: 6.555 min Scan# 1622

Delta R.T. 0.007 min

Lab File: VU042028.D

Acq: 14 Jan 2021 12:38

Tgt Ion: 95 Resp: 30487

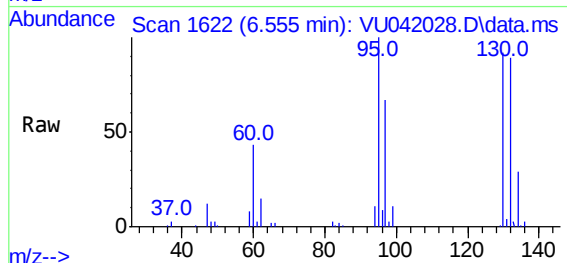
Ion Ratio Lower Upper

95 100

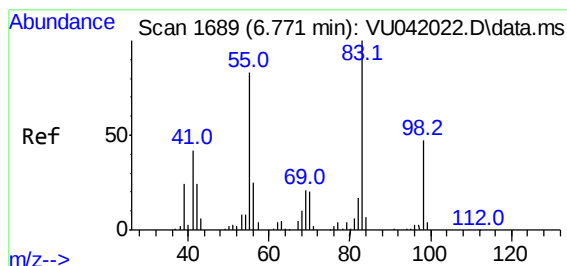
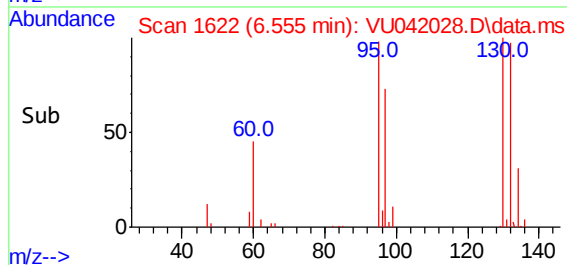
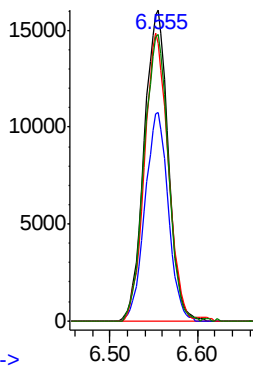
97 67.2 43.6 81.0

132 89.3 64.3 119.3

130 92.4 66.7 123.9



Abundance



#35

Methylcyclohexane

Concen: 0.82 ug/L

RT: 6.700 min Scan# 1667

Delta R.T. -0.071 min

Lab File: VU042028.D

Acq: 14 Jan 2021 12:38

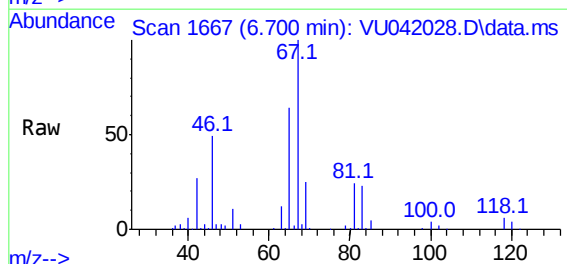
Tgt Ion: 83 Resp: 12468

Ion Ratio Lower Upper

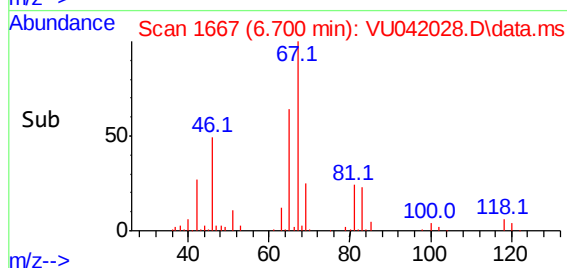
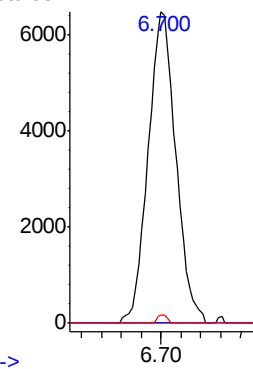
83 100

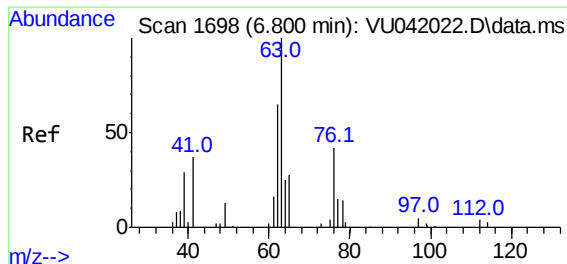
55 0.0 66.8 100.2#

98 0.8 35.7 53.5#



Abundance

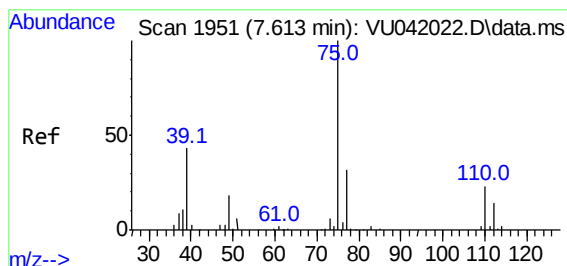
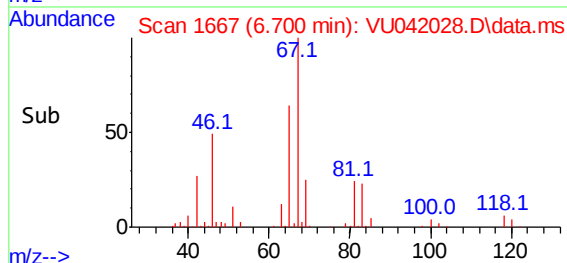
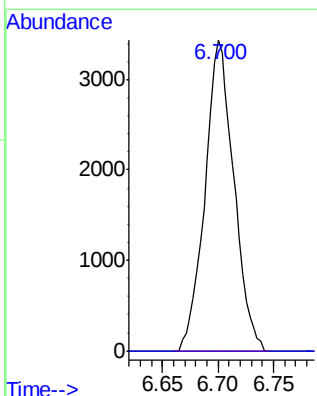
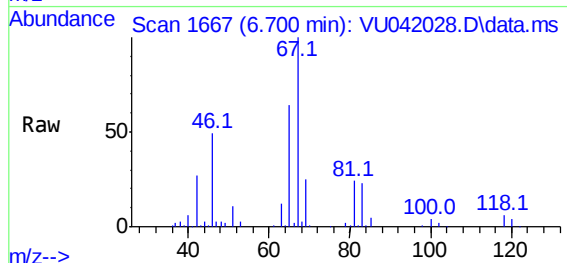




#37
1,2-Dichloropropane
Concen: 0.63 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU042028.D
Acq: 14 Jan 2021 12:38

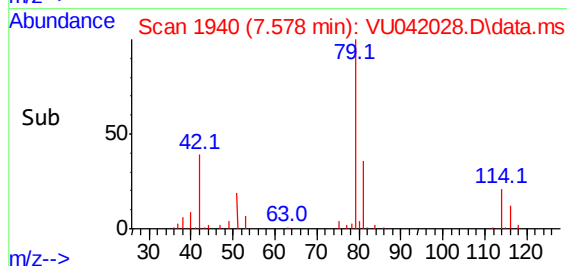
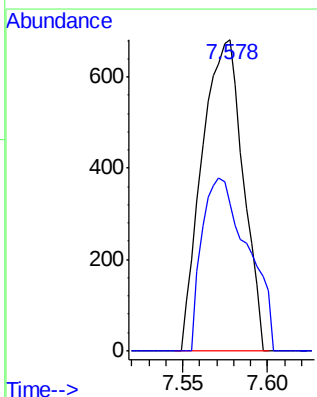
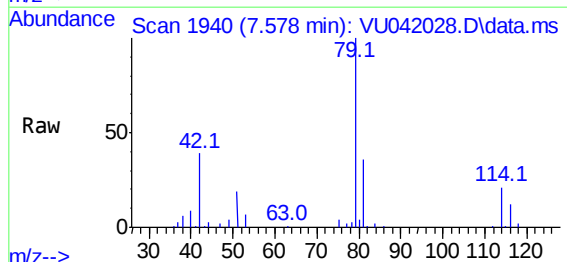
Instrument :
MSVOA_U
ClientSampleId :
BFXK8DL

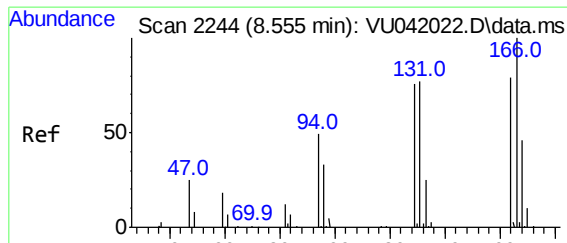
Tgt Ion: 63 Resp: 6206
Ion Ratio Lower Upper
63 100
112 0.0 2.7 4.1#



#39
cis-1,3-Dichloropropene
Concen: 0.08 ug/L
RT: 7.578 min Scan# 1940
Delta R.T. -0.035 min
Lab File: VU042028.D
Acq: 14 Jan 2021 12:38

Tgt Ion: 75 Resp: 1144
Ion Ratio Lower Upper
75 100
77 47.4 21.9 40.7#

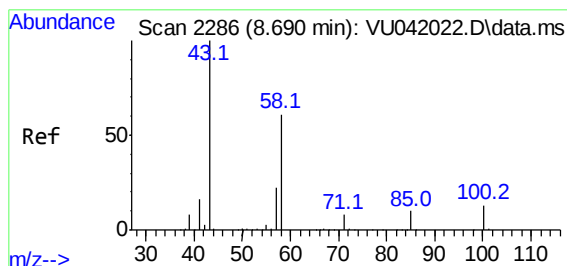
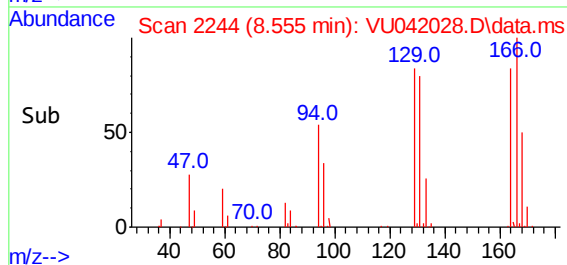
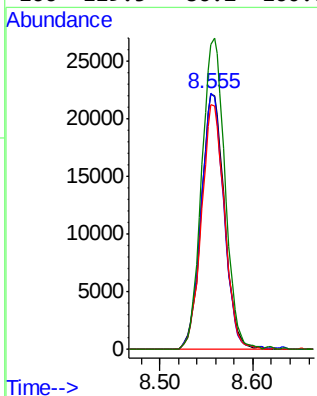
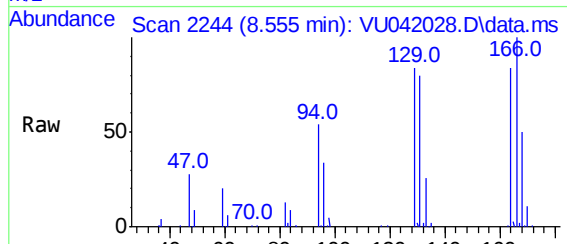




#47
Tetrachloroethene
Concen: 6.14 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU042028.D
Acq: 14 Jan 2021 12:38

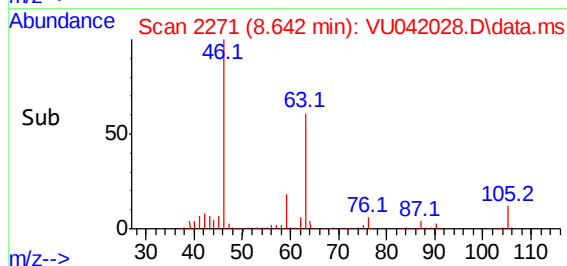
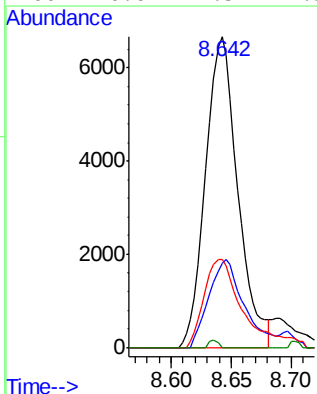
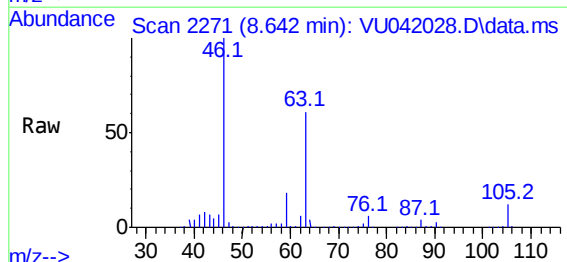
Instrument :
MSVOA_U
ClientSampled :
BFXK8DL

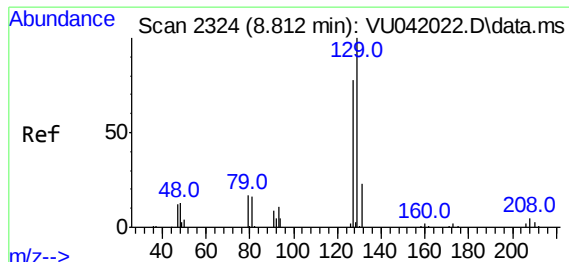
Tgt Ion:164 Resp: 38019
Ion Ratio Lower Upper
164 100
129 100.1 68.7 127.5
131 95.8 65.2 121.0
166 119.5 86.2 160.0



#48
2-Hexanone
Concen: 2.61 ug/L
RT: 8.642 min Scan# 2271
Delta R.T. -0.048 min
Lab File: VU042028.D
Acq: 14 Jan 2021 12:38

Tgt Ion: 43 Resp: 12106
Ion Ratio Lower Upper
43 100
58 31.2 47.8 71.8#
57 34.4 17.4 26.0#
100 0.6 9.5 14.3#

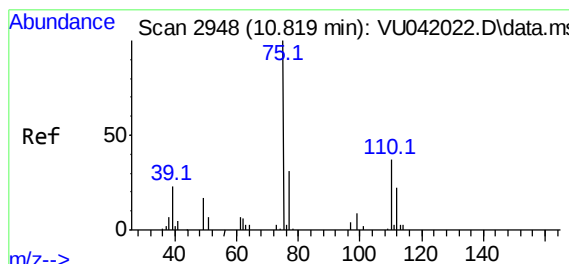
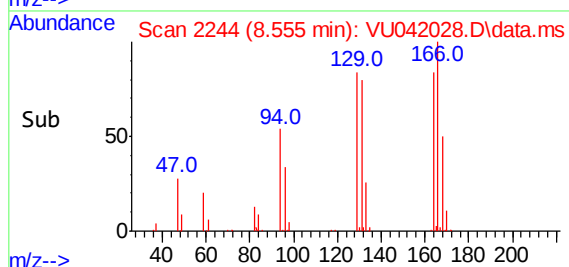
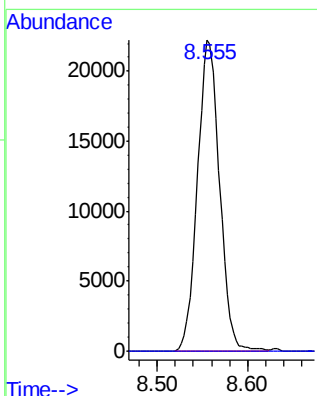
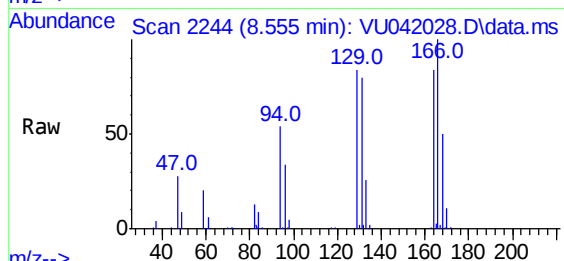




#49
Dibromochloromethane
Concen: 4.91 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.257 min
Lab File: VU042028.D
Acq: 14 Jan 2021 12:38

Instrument :
MSVOA_U
ClientSampleId :
BFXK8DL

Tgt Ion:129 Resp: 37572
Ion Ratio Lower Upper
129 100
127 0.0 53.7 99.7#



#59
1,2,3-Trichloropropane
Concen: 0.73 ug/L
RT: 11.806 min Scan# 3255
Delta R.T. 0.987 min
Lab File: VU042028.D
Acq: 14 Jan 2021 12:38

Tgt Ion: 75 Resp: 4755
Ion Ratio Lower Upper
75 100
77 34.5 25.6 38.4

