

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052122\
 Data File : VY008972.D
 Acq On : 22 May 2022 01:30
 Operator : KP/MD
 Sample : N2887-02
 Misc : 5.27g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P030-SS002-0006-01

Quant Time: May 22 02:42:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 20 23:50:52 2022
 Response via : Initial Calibration

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

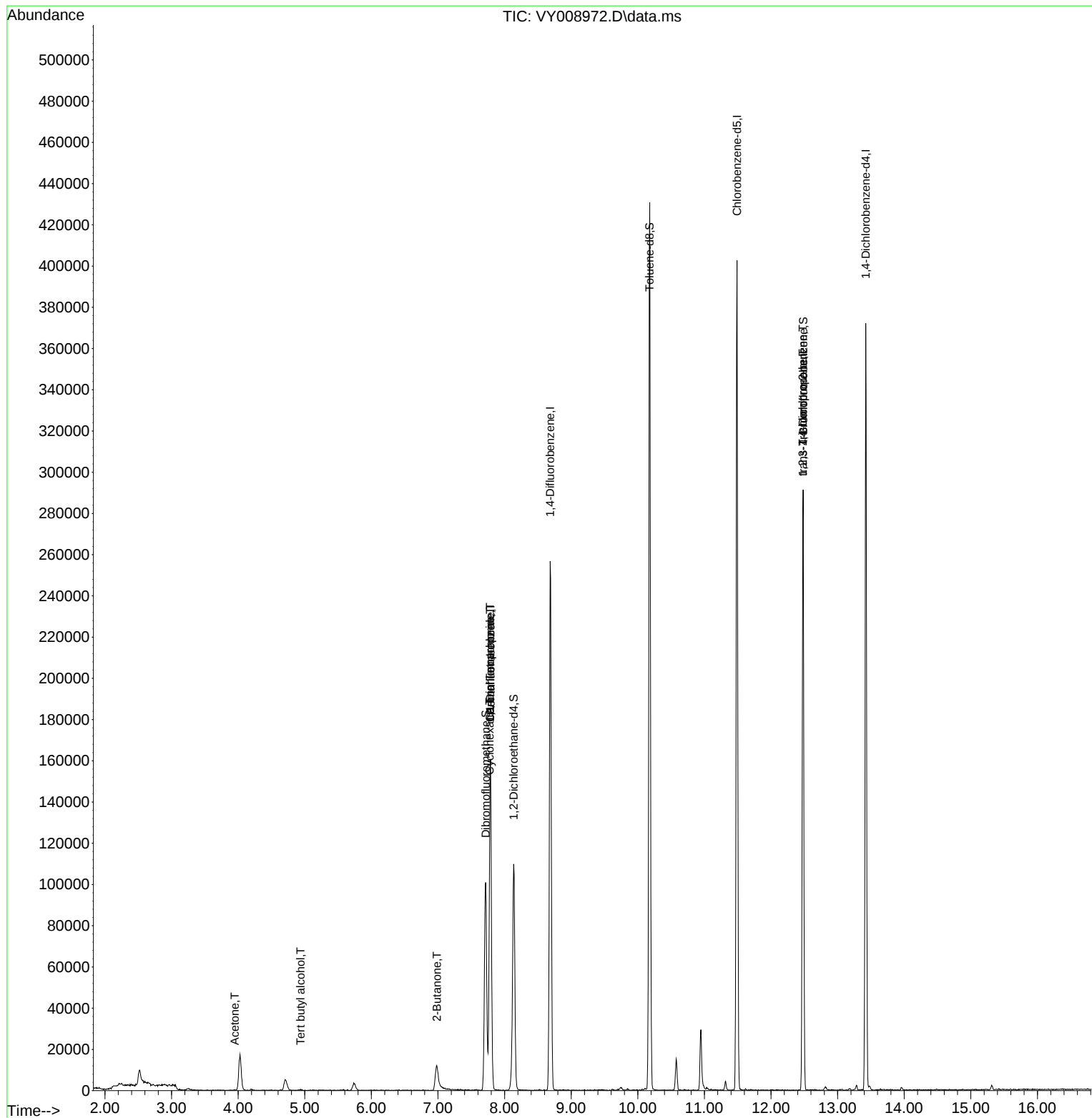
Internal Standards						
1) Pentafluorobenzene	7.789	168	122005	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	217328	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	206913	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	87055	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	79419	63.249	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery	= 126.500%		
35) Dibromofluoromethane	7.715	113	69883	51.710	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery	= 103.420%		
50) Toluene-d8	10.178	98	273684	54.894	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery	= 109.780%		
62) 4-Bromofluorobenzene	12.483	95	77342	38.456	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery	= 76.920%		
Target Compounds						Qvalue
11) Tert butyl alcohol	4.935	59	254	1.994	ug/l #	77
16) Acetone	3.948	43	548	2.097	ug/l #	47
20) Methylene Chloride	4.698	84	3993	Below Cal	#	64
25) 2-Butanone	6.984	43	783	1.677	ug/l #	54
31) Cyclohexane	7.776	56	3054	1.243	ug/l #	19
36) 1,1-Dichloropropene	7.782	75	10644	4.628	ug/l #	49
38) Carbon Tetrachloride	7.782	117	12135	5.044	ug/l #	14
76) 1,2,3-Trichloropropane	12.477	75	45755	48.943	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	45755	100.455	ug/l #	7

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052122\
Data File : VY008972.D
Acq On : 22 May 2022 01:30
Operator : KP/MD
Sample : N2887-02
Misc : 5.27g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
P030-SS002-0006-01

Quant Time: May 22 02:42:46 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
Quant Title : SW846 8260
QLast Update : Fri May 20 23:50:52 2022
Response via : Initial Calibration

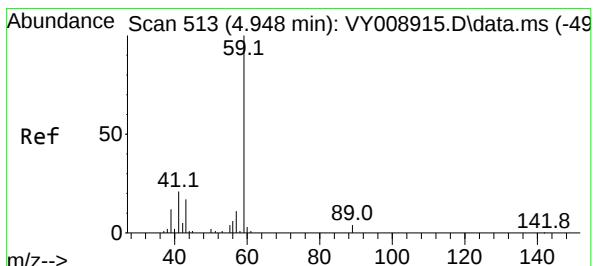
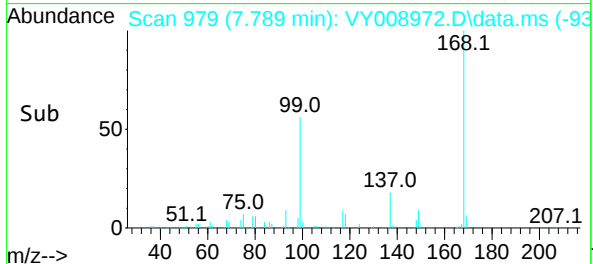
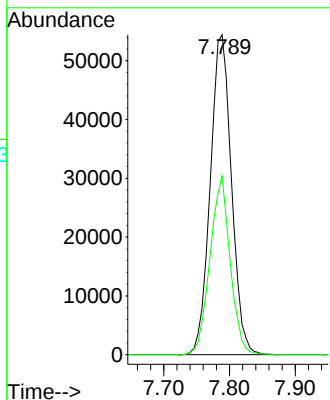
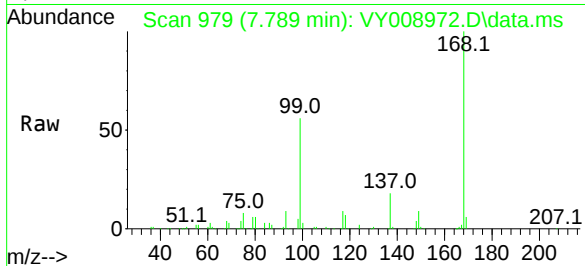




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008972.D
Acq: 22 May 2022 01:30

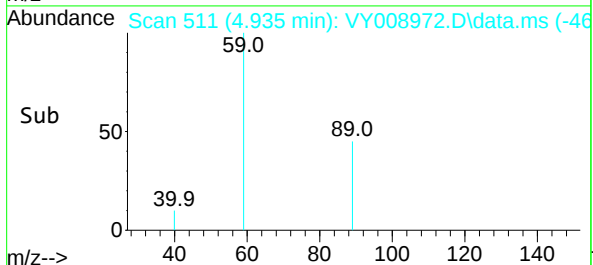
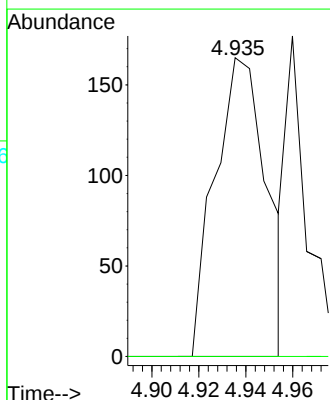
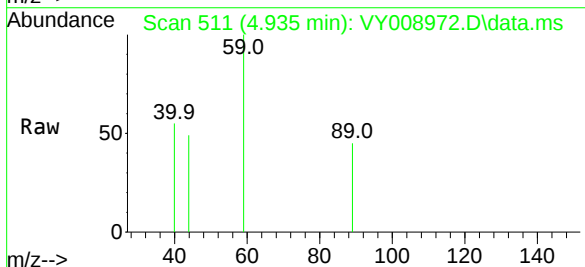
Instrument :
MSVOA_Y
ClientSampleId :
P030-SS002-0006-01

Tgt Ion:168 Resp: 122005
Ion Ratio Lower Upper
168 100
99 55.9 46.9 70.3



#11
Tert butyl alcohol
Concen: 1.994 ug/l
RT: 4.935 min Scan# 511
Delta R.T. -0.013 min
Lab File: VY008972.D
Acq: 22 May 2022 01:30

Tgt Ion: 59 Resp: 254
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

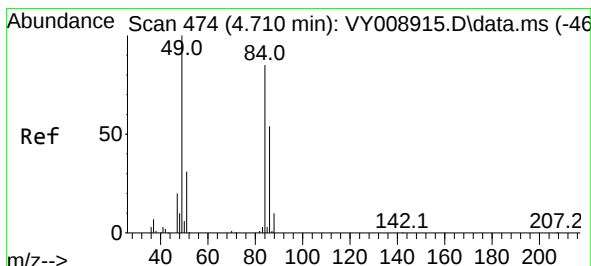
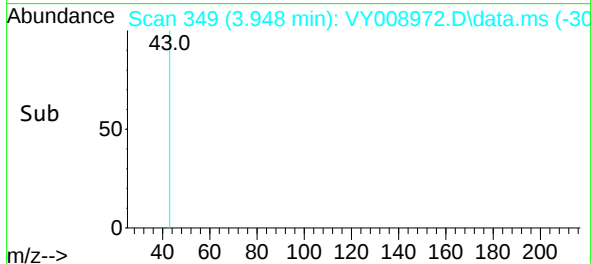
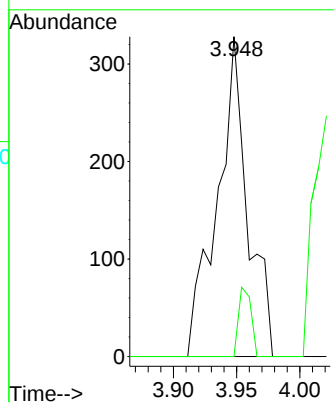
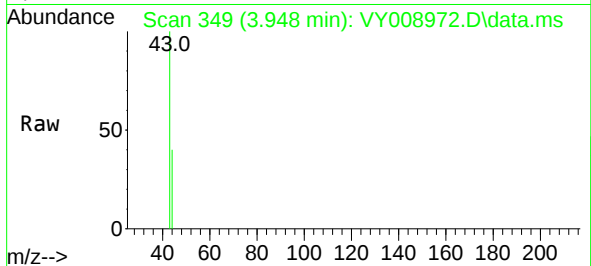




#16
Acetone
Concen: 2.097 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.000 min
Lab File: VY008972.D
Acq: 22 May 2022 01:30

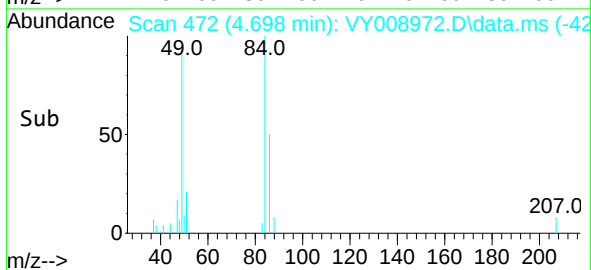
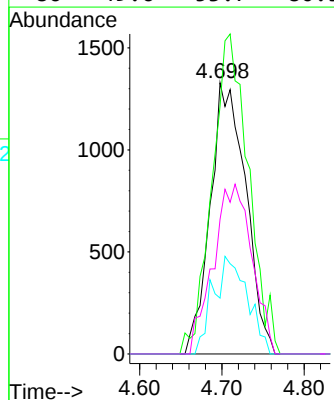
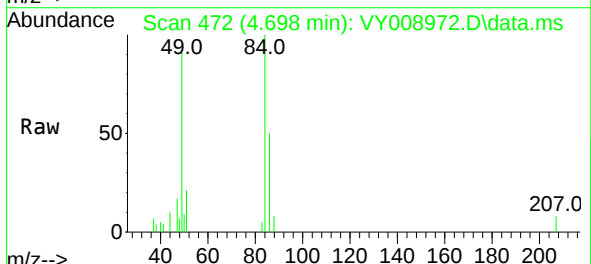
Instrument :
MSVOA_Y
ClientSampleId :
P030-SS002-0006-01

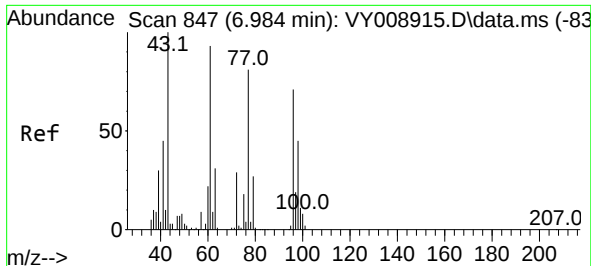
Tgt Ion: 43 Resp: 548
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.698 min Scan# 472
Delta R.T. -0.012 min
Lab File: VY008972.D
Acq: 22 May 2022 01:30

Tgt Ion: 84 Resp: 3993
Ion Ratio Lower Upper
84 100
49 91.3 114.4 171.6#
51 20.6 35.3 52.9#
86 49.6 53.7 80.5#

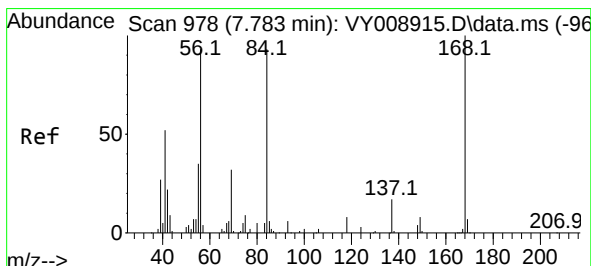
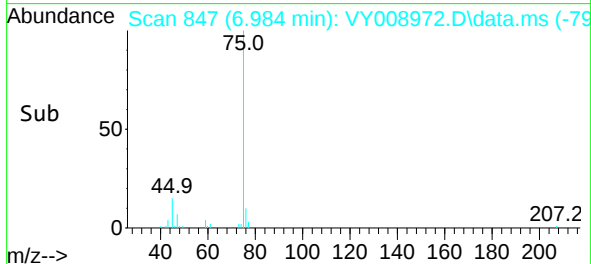
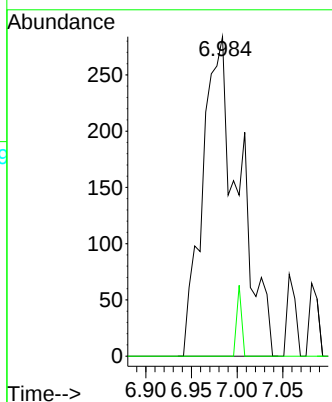
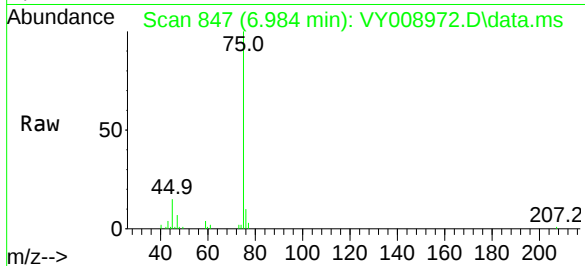




#25
2-Butanone
Concen: 1.677 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY008972.D
Acq: 22 May 2022 01:30

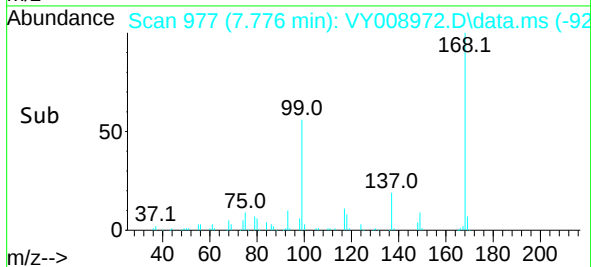
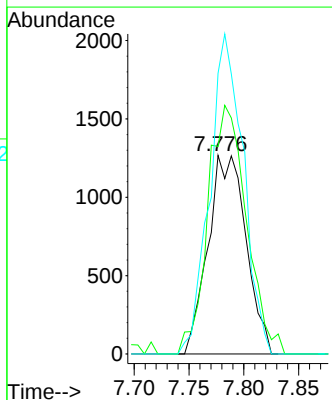
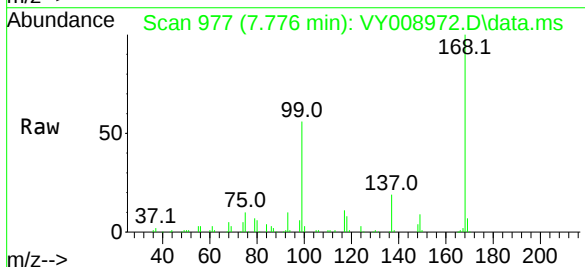
Instrument :
MSVOA_Y
ClientSampleId :
P030-SS002-0006-01

Tgt Ion: 43 Resp: 783
Ion Ratio Lower Upper
43 100
72 0.0 17.7 26.5#



#31
Cyclohexane
Concen: 1.243 ug/l
RT: 7.776 min Scan# 977
Delta R.T. -0.007 min
Lab File: VY008972.D
Acq: 22 May 2022 01:30

Tgt Ion: 56 Resp: 3054
Ion Ratio Lower Upper
56 100
69 104.5 26.7 40.1#
84 141.4 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 63.249 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.007 min

Lab File: VY008972.D

Acq: 22 May 2022 01:30

Instrument :

MSVOA_Y

ClientSampleId :

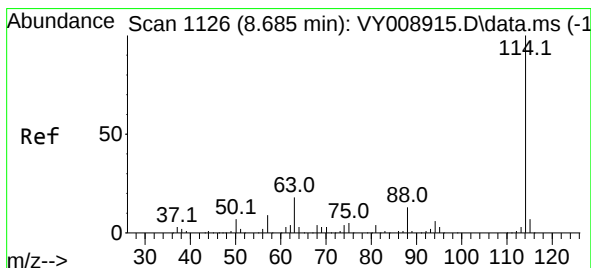
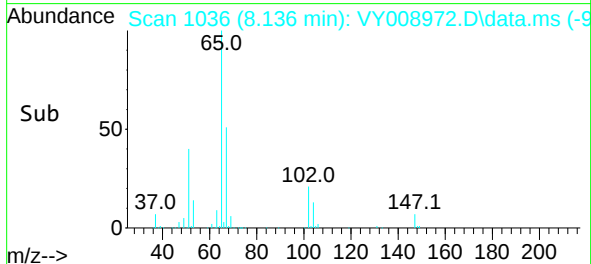
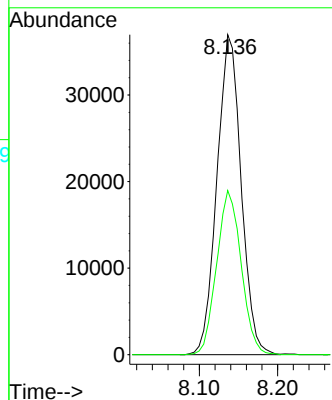
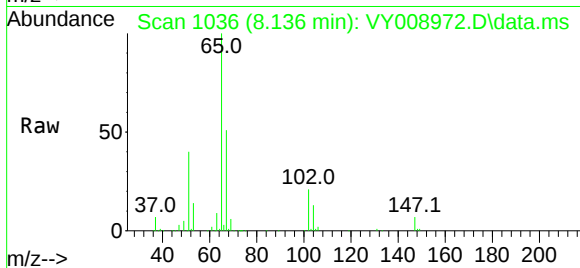
P030-SS002-0006-01

Tgt Ion: 65 Resp: 79419

Ion Ratio Lower Upper

65 100

67 52.0 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY008972.D

Acq: 22 May 2022 01:30

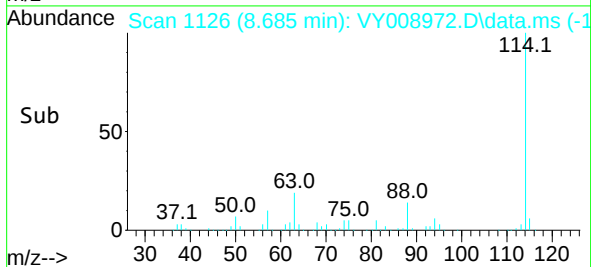
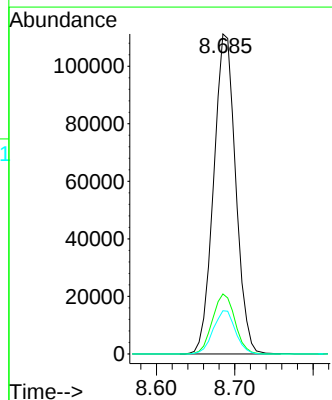
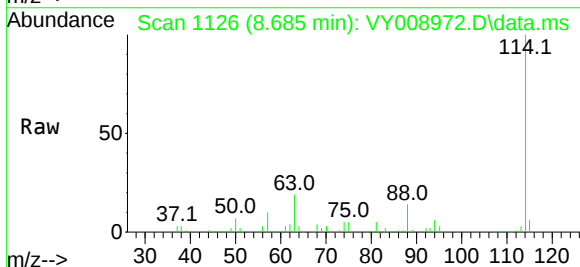
Tgt Ion: 114 Resp: 217328

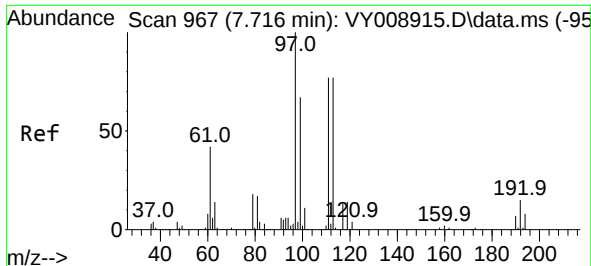
Ion Ratio Lower Upper

114 100

63 18.7 0.0 43.2

88 13.5 0.0 31.8

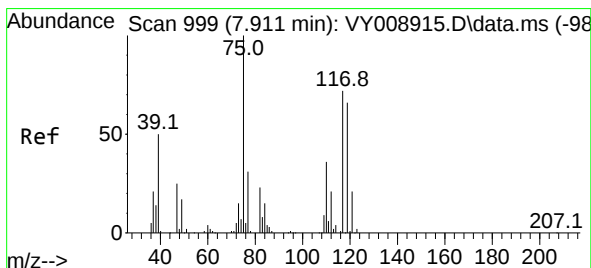
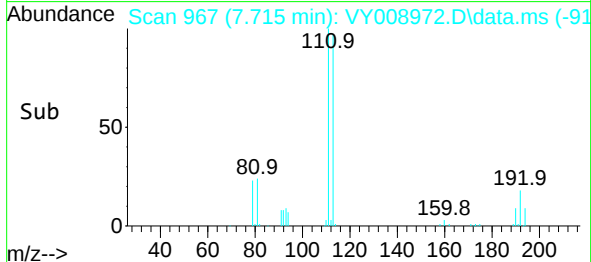
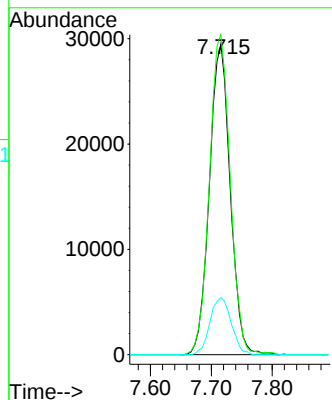
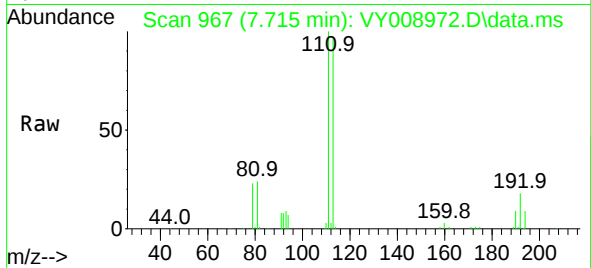




#35
Dibromofluoromethane
Concen: 51.710 ug/l
RT: 7.715 min Scan# 91
Delta R.T. -0.001 min
Lab File: VY008972.D
Acq: 22 May 2022 01:30

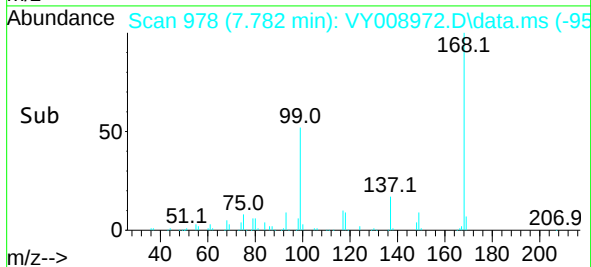
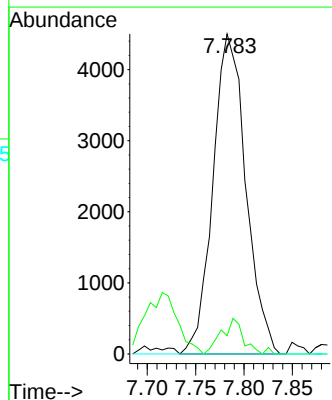
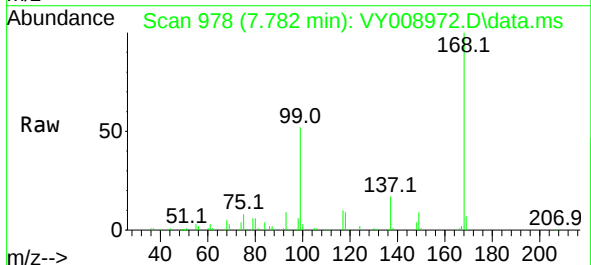
Instrument :
MSVOA_Y
ClientSampleId :
P030-SS002-0006-01

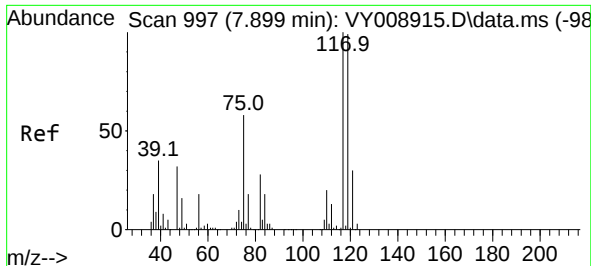
Tgt Ion:113 Resp: 69883
Ion Ratio Lower Upper
113 100
111 103.2 82.6 124.0
192 18.8 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.628 ug/l
RT: 7.782 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY008972.D
Acq: 22 May 2022 01:30

Tgt Ion: 75 Resp: 10644
Ion Ratio Lower Upper
75 100
110 7.2 17.1 51.2#
77 0.0 24.4 36.6#

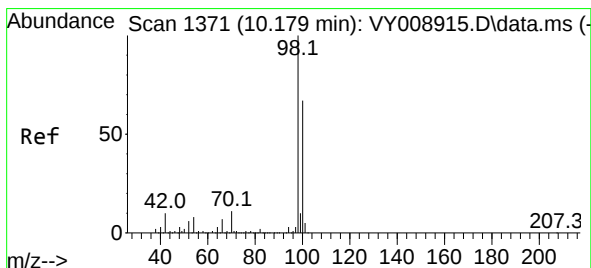
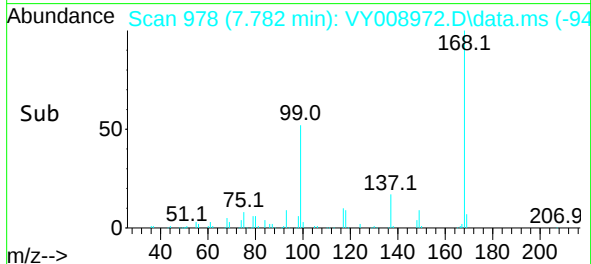
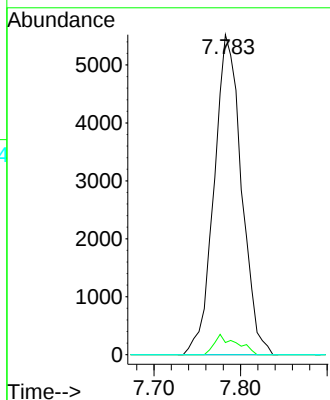
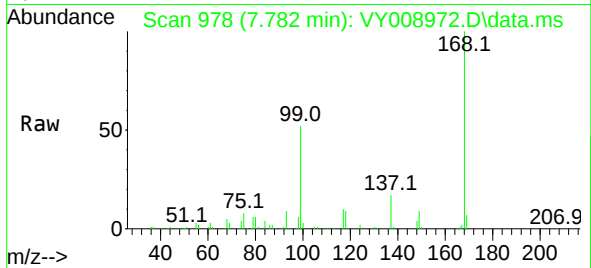




#38
Carbon Tetrachloride
Concen: 5.044 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.117 min
Lab File: VY008972.D
Acq: 22 May 2022 01:30

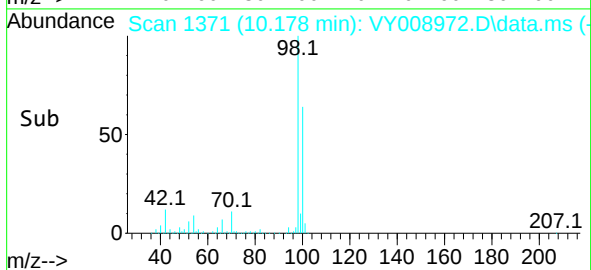
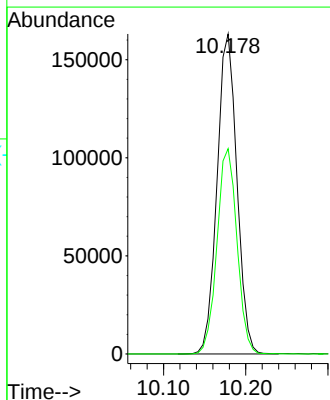
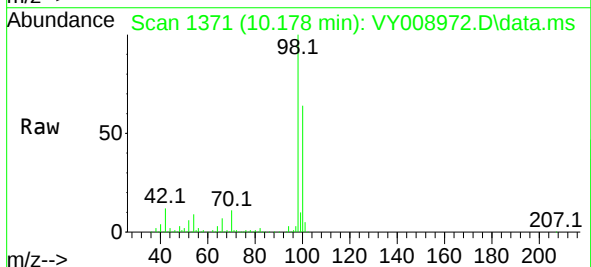
Instrument :
MSVOA_Y
ClientSampleId :
P030-SS002-0006-01

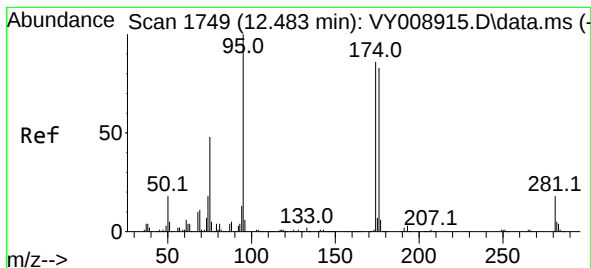
Tgt Ion:117 Resp: 12135
Ion Ratio Lower Upper
117 100
119 3.8 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 54.894 ug/l
RT: 10.178 min Scan# 1371
Delta R.T. -0.001 min
Lab File: VY008972.D
Acq: 22 May 2022 01:30

Tgt Ion: 98 Resp: 273684
Ion Ratio Lower Upper
98 100
100 64.6 50.2 75.2

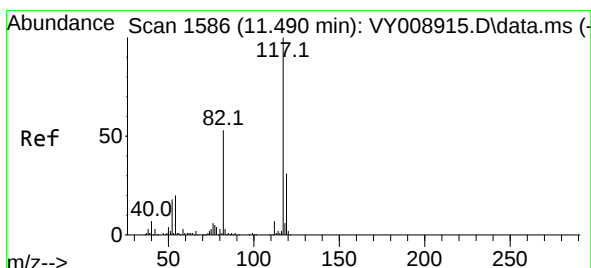
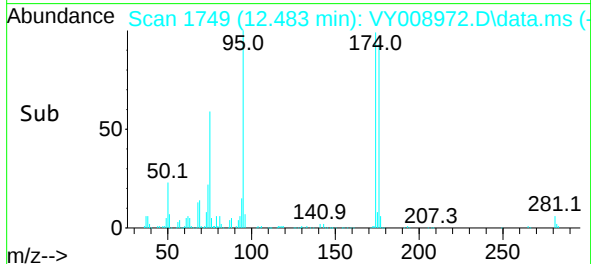
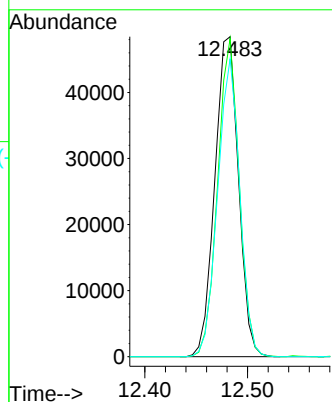
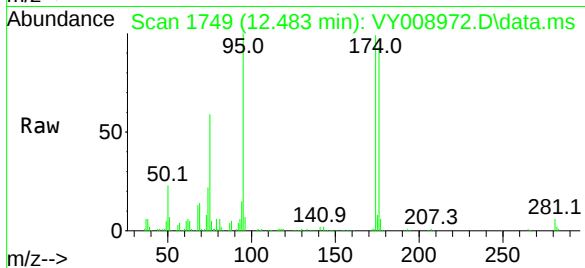




#62
4-Bromofluorobenzene
Concen: 38.456 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY008972.D
Acq: 22 May 2022 01:30

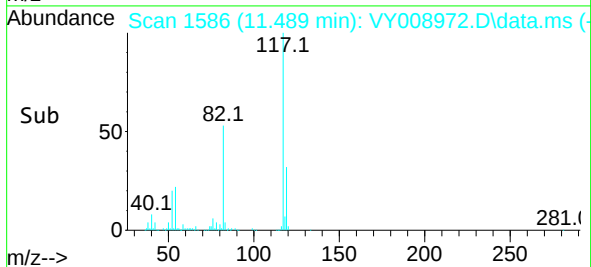
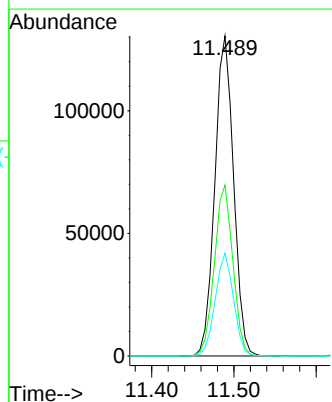
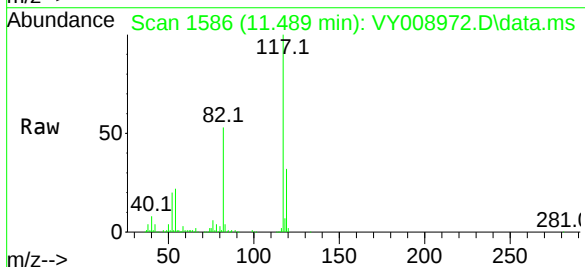
Instrument :
MSVOA_Y
ClientSampleId :
P030-SS002-0006-01

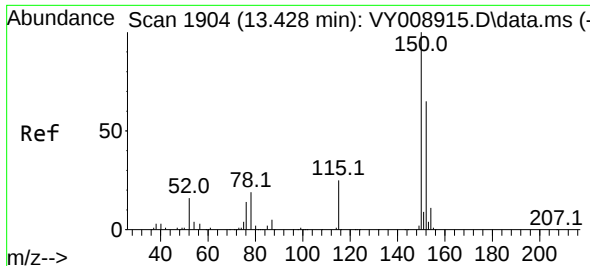
Tgt Ion: 95 Resp: 77342
Ion Ratio Lower Upper
95 100
174 90.7 0.0 177.0
176 87.2 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY008972.D
Acq: 22 May 2022 01:30

Tgt Ion: 117 Resp: 206913
Ion Ratio Lower Upper
117 100
82 53.4 43.0 64.4
119 32.2 25.4 38.0

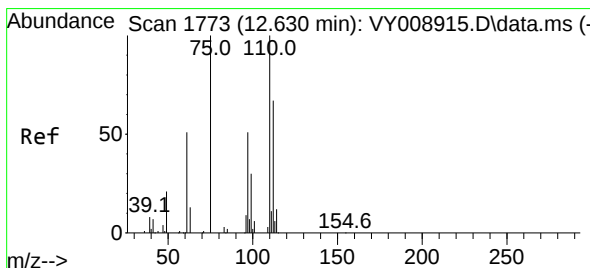
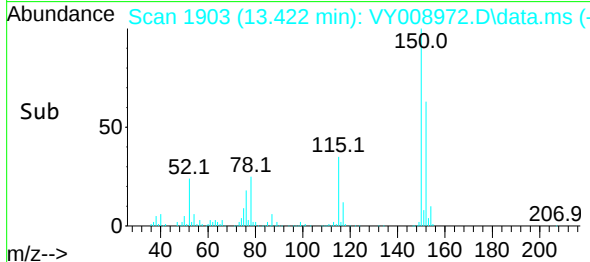
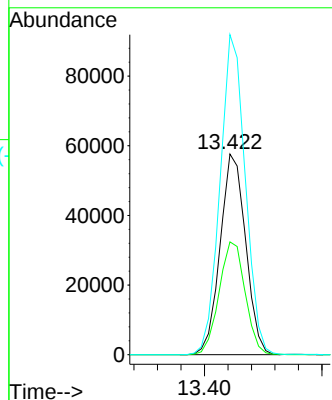
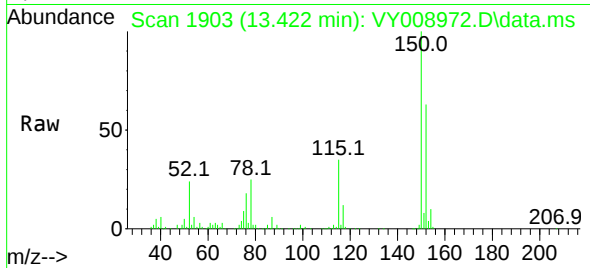




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 14
 Delta R.T. -0.006 min
 Lab File: VY008972.D
 Acq: 22 May 2022 01:30

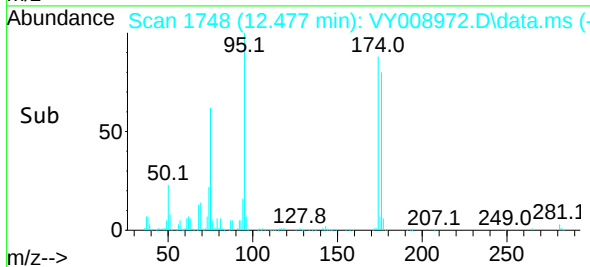
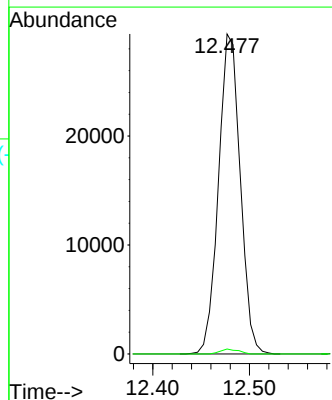
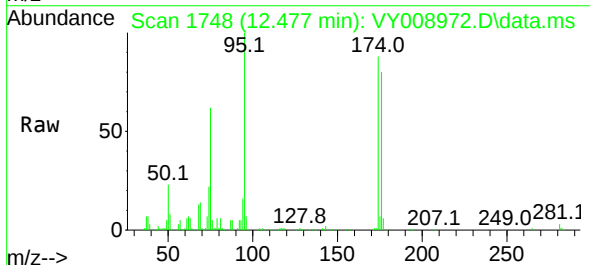
Instrument :
 MSVOA_Y
 ClientSampleId :
 P030-SS002-0006-01

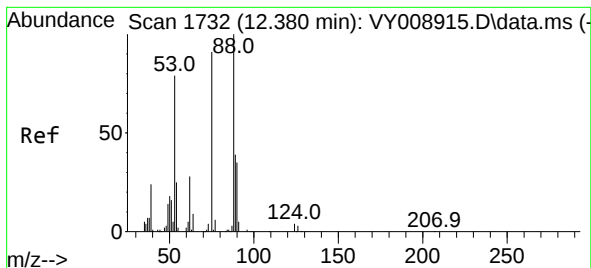
Tgt Ion:152 Resp: 87055
 Ion Ratio Lower Upper
 152 100
 115 57.3 28.2 84.7
 150 157.6 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 48.943 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.153 min
 Lab File: VY008972.D
 Acq: 22 May 2022 01:30

Tgt Ion: 75 Resp: 45755
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 100.455 ug/l

RT: 12.477 min Scan# 11

Delta R.T. 0.097 min

Lab File: VY008972.D

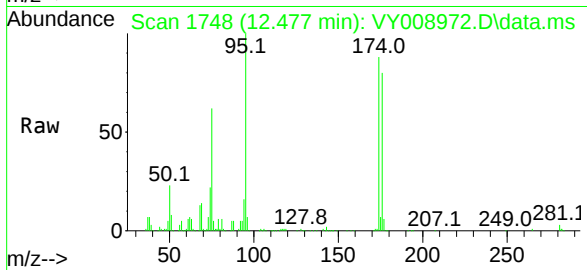
Acq: 22 May 2022 01:30

Instrument :

MSVOA_Y

ClientSampleId :

P030-SS002-0006-01



Tgt Ion: 75 Resp: 45755

Ion Ratio Lower Upper

75 100

53 0.0 85.3 127.9#

89 0.0 37.0 55.4#

