

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041921\
 Data File : VY004509.D
 Acq On : 19 Apr 2021 19:31
 Operator : SY/MD
 Sample : M2076-07
 Misc : 5.12G/5ML/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-15-0-2.0

Quant Time: Apr 20 01:51:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 13 03:38:02 2021
 Response via : Initial Calibration

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

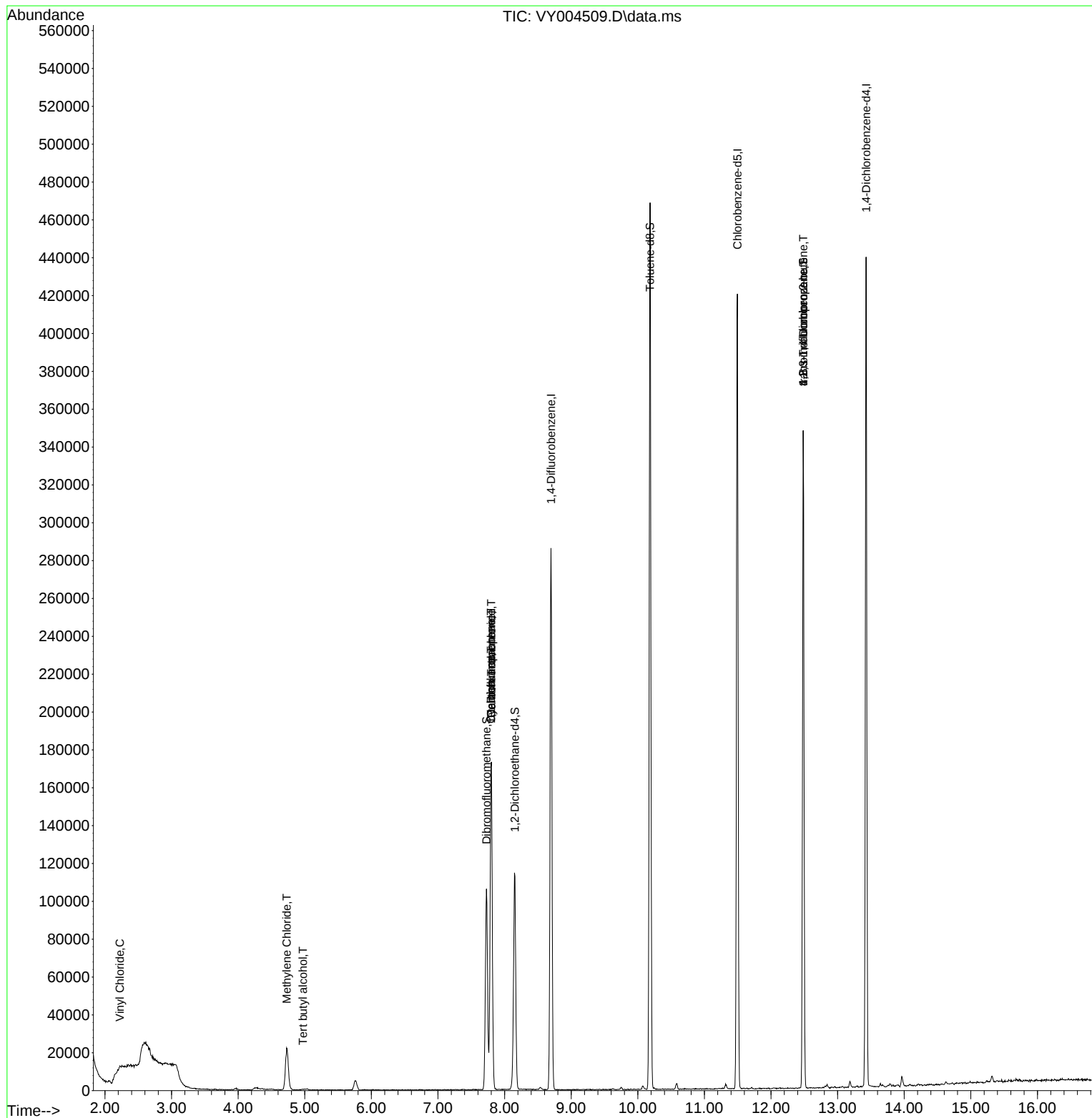
Internal Standards						
1) Pentafluorobenzene	7.801	168	131408	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	232358	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	223155	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	104034	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	86613	59.32	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.64%
35) Dibromofluoromethane	7.728	113	72371	56.12	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.24%
50) Toluene-d8	10.185	98	286072	52.16	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.32%
62) 4-Bromofluorobenzene	12.483	95	98861	53.11	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	106.22%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.223	62	7140	3.84	ug/l #	43
11) Tert butyl alcohol	4.972	59	552	3.84	ug/l #	73
16) Acetone	3.973	43	1544	Below	Cal	90
20) Methylene Chloride	4.728	84	15815	11.21	ug/l	97
31) Cyclohexane	7.795	56	3070	1.15	ug/l #	16
36) 1,1-Dichloropropene	7.795	75	11119	4.82	ug/l #	50
38) Carbon Tetrachloride	7.801	117	13336	6.68	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	54846	49.12	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	54846	87.87	ug/l #	12

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

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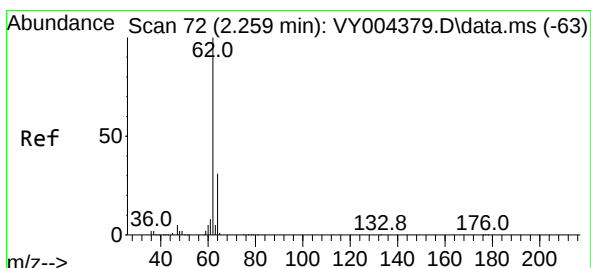
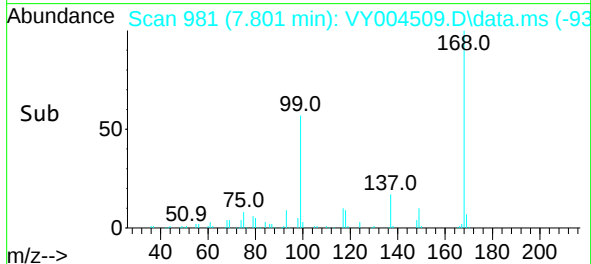
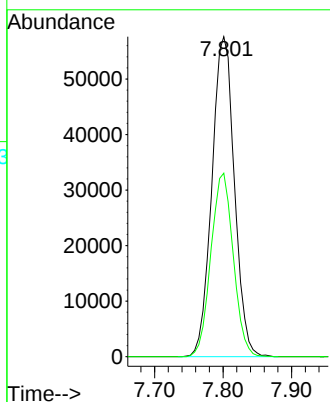
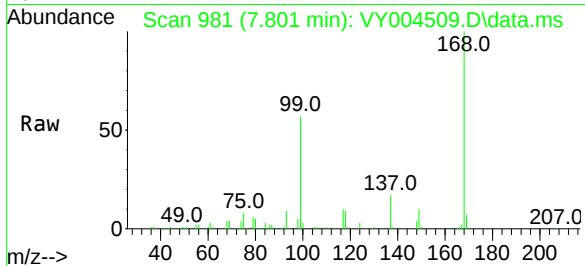




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004509.D
Acq: 19 Apr 2021 19:31

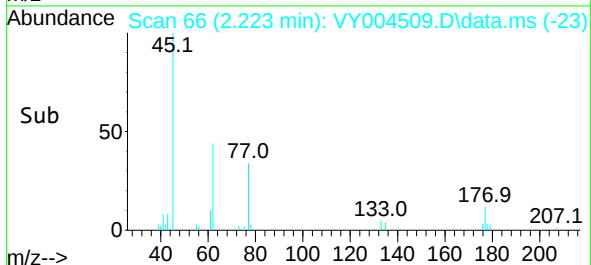
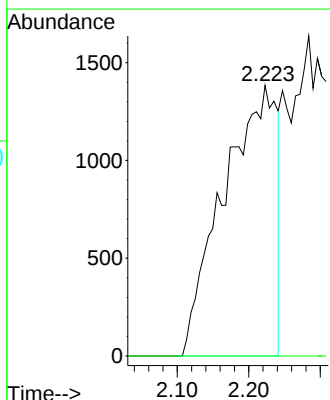
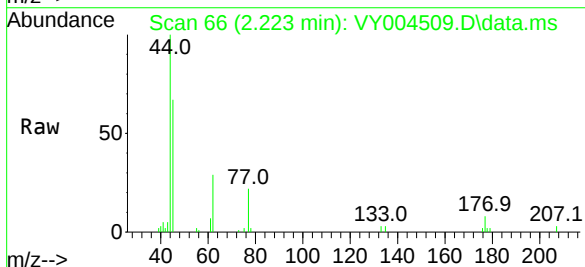
Instrument :
MSVOA_Y
ClientSampleId :
SB-15-0-2.0

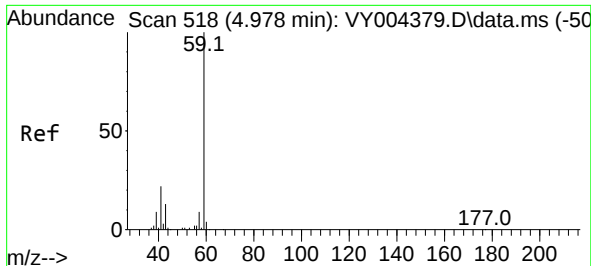
Tgt Ion:168 Resp: 131408
Ion Ratio Lower Upper
168 100
99 57.3 45.5 68.3



#4
Vinyl Chloride
Concen: 3.84 ug/l
RT: 2.223 min Scan# 66
Delta R.T. -0.036 min
Lab File: VY004509.D
Acq: 19 Apr 2021 19:31

Tgt Ion: 62 Resp: 7140
Ion Ratio Lower Upper
62 100
64 0.0 25.1 37.7#



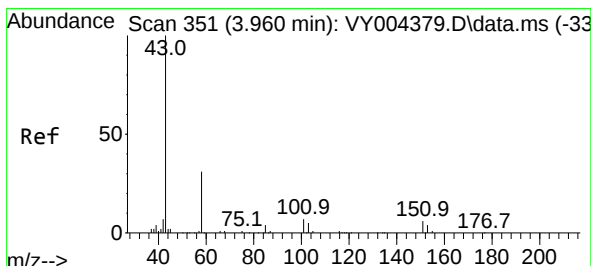
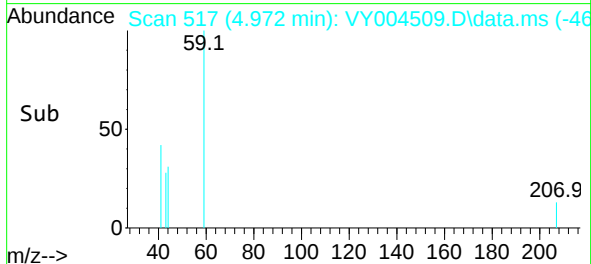
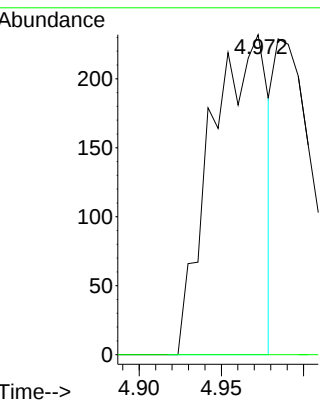
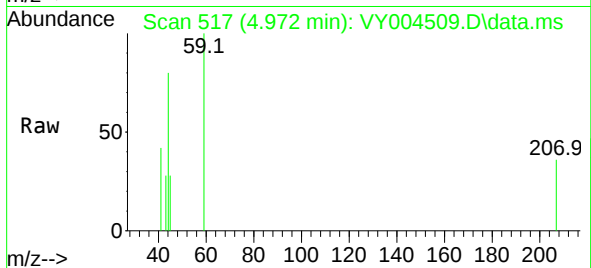


#11

Tert butyl alcohol
Concen: 3.84 ug/l
RT: 4.972 min Scan# 517
Delta R.T. -0.006 min
Lab File: VY004509.D
Acq: 19 Apr 2021 19:31

Instrument :
MSVOA_Y
ClientSampled :
SB-15-0-2.0

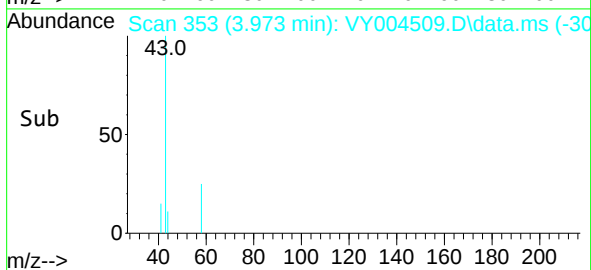
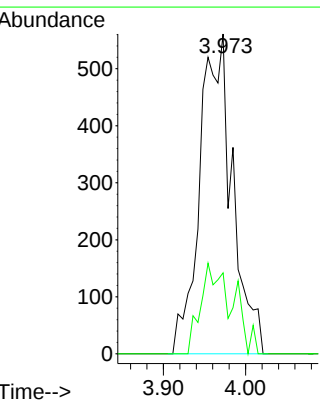
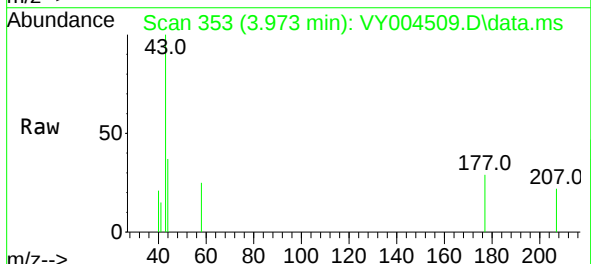
Tgt Ion: 59 Resp: 552
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

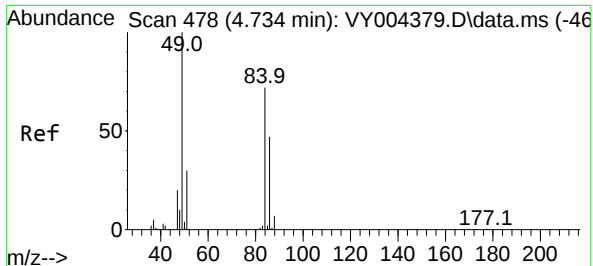


#16

Acetone
Concen: Below Cal
RT: 3.973 min Scan# 353
Delta R.T. 0.013 min
Lab File: VY004509.D
Acq: 19 Apr 2021 19:31

Tgt Ion: 43 Resp: 1544
Ion Ratio Lower Upper
43 100
58 25.3 24.6 37.0





#20

Methylene Chloride

Concen: 11.21 ug/l

RT: 4.728 min Scan# 477

Delta R.T. -0.006 min

Lab File: VY004509.D

Acq: 19 Apr 2021 19:31

Instrument :

MSVOA_Y

ClientSampleId :

SB-15-0-2.0

Tgt Ion: 84 Resp: 15815

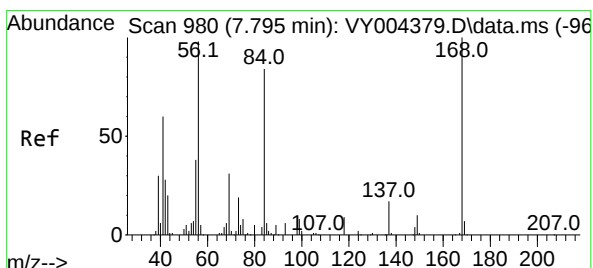
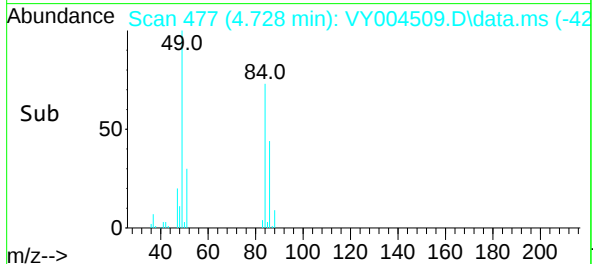
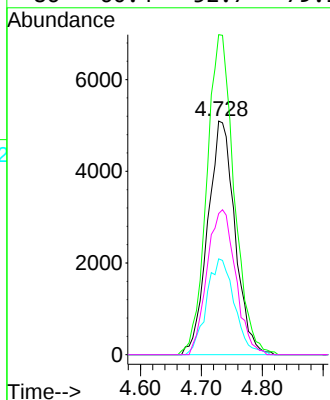
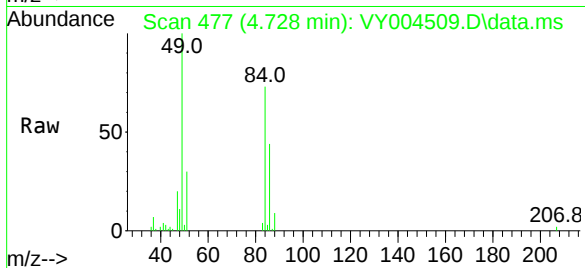
Ion Ratio Lower Upper

84 100

49 136.9 111.2 166.8

51 41.0 33.4 50.2

86 60.4 52.7 79.1



#31

Cyclohexane

Concen: 1.15 ug/l

RT: 7.795 min Scan# 980

Delta R.T. 0.000 min

Lab File: VY004509.D

Acq: 19 Apr 2021 19:31

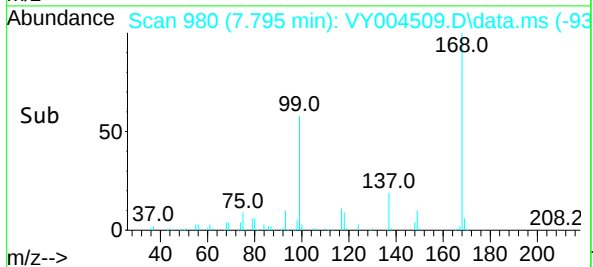
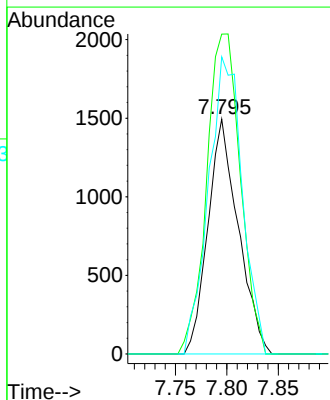
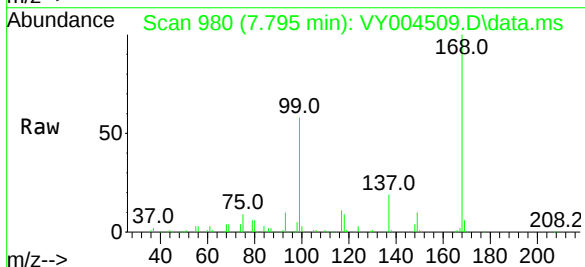
Tgt Ion: 56 Resp: 3070

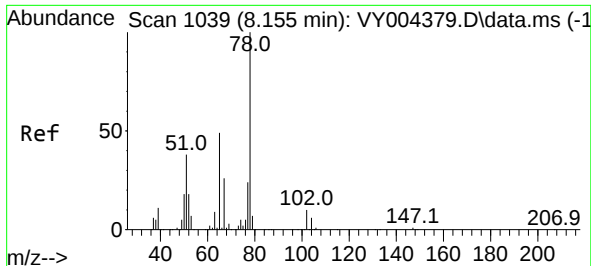
Ion Ratio Lower Upper

56 100

69 136.2 25.8 38.6#

84 126.5 68.2 102.4#

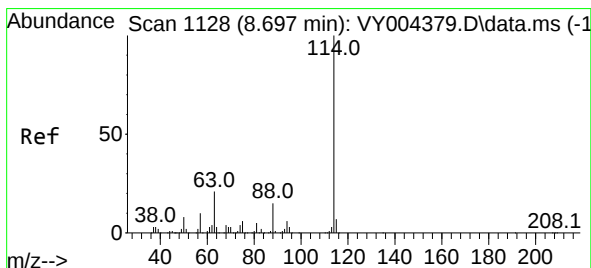
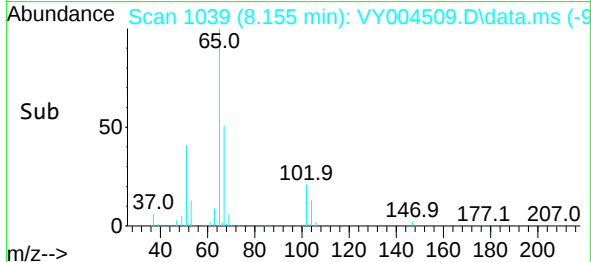
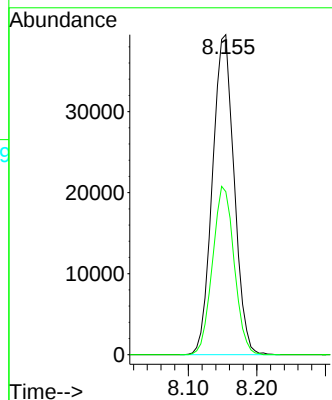
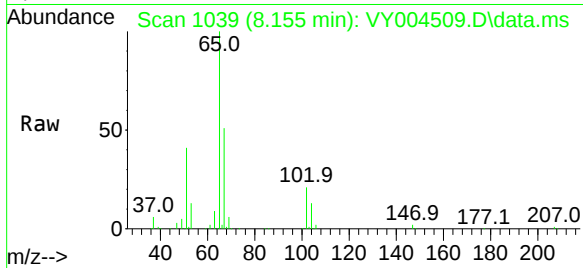




#33
 1,2-Dichloroethane-d4
 Concen: 59.32 ug/l
 RT: 8.155 min Scan# 1039
 Delta R.T. 0.000 min
 Lab File: VY004509.D
 Acq: 19 Apr 2021 19:31

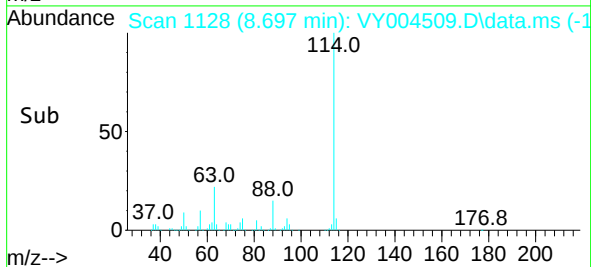
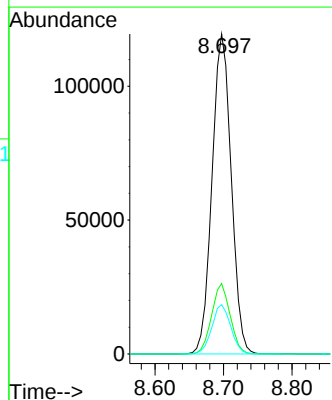
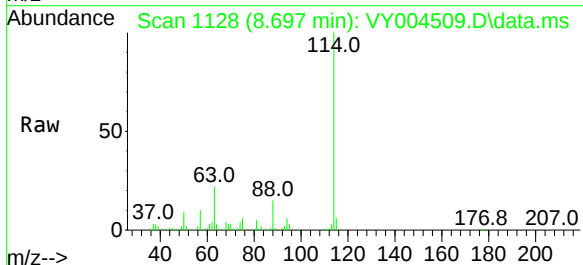
Instrument :
 MSVOA_Y
 ClientSampled :
 SB-15-0-2.0

Tgt Ion: 65 Resp: 86613
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 106.4



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. 0.000 min
 Lab File: VY004509.D
 Acq: 19 Apr 2021 19:31

Tgt Ion: 114 Resp: 232358
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 42.4
 88 15.4 0.0 30.8

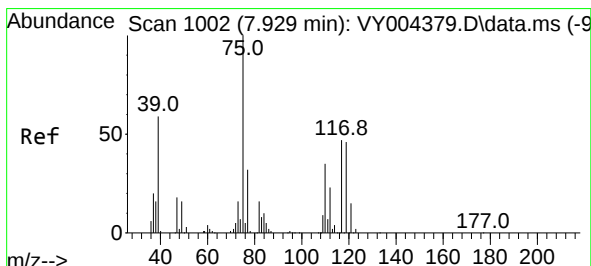
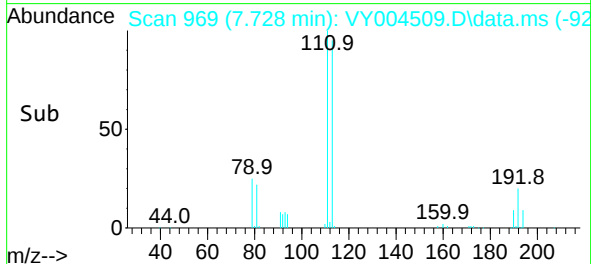
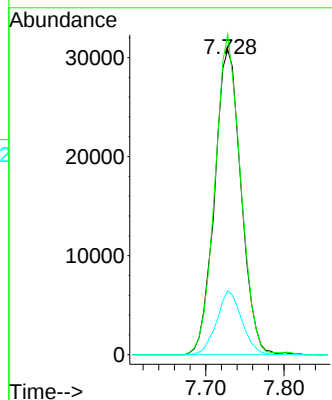
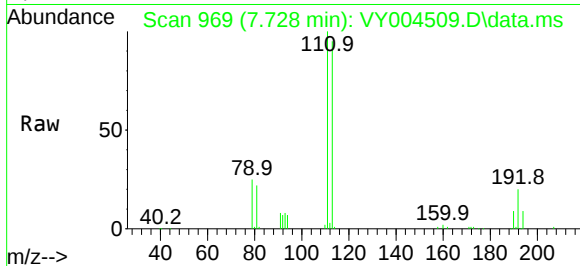




#35
Dibromofluoromethane
Concen: 56.12 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004509.D
Acq: 19 Apr 2021 19:31

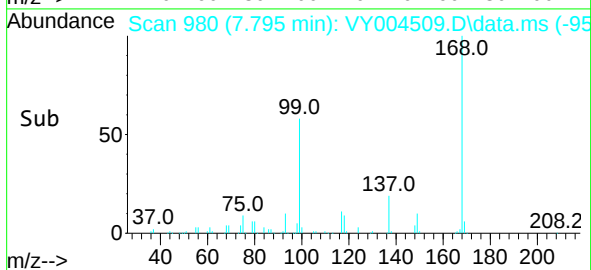
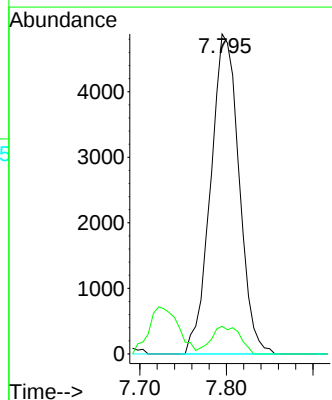
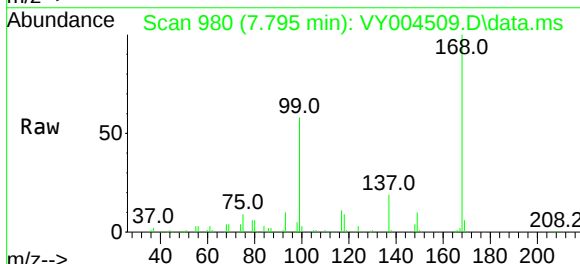
Instrument :
MSVOA_Y
ClientSampleId :
SB-15-0-2.0

Tgt Ion:	113	Resp:	72371
Ion	Ratio	Lower	Upper
113	100		
111	101.4	82.6	123.8
192	19.8	16.1	24.1



#36
1,1-Dichloropropene
Concen: 4.82 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.134 min
Lab File: VY004509.D
Acq: 19 Apr 2021 19:31

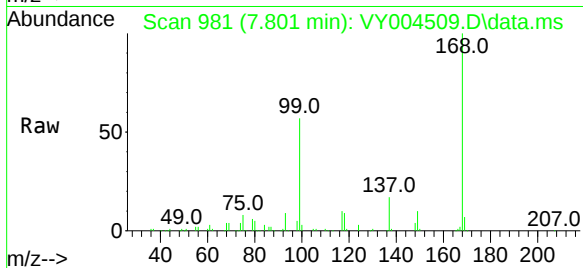
Tgt Ion:	75	Resp:	11119
Ion	Ratio	Lower	Upper
75	100		
110	8.7	17.3	51.7#
77	0.0	24.3	36.5#



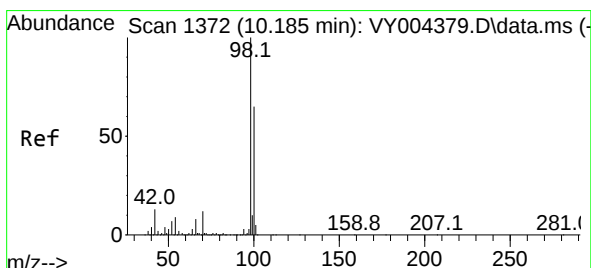
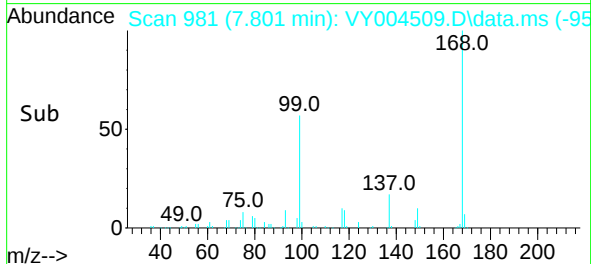
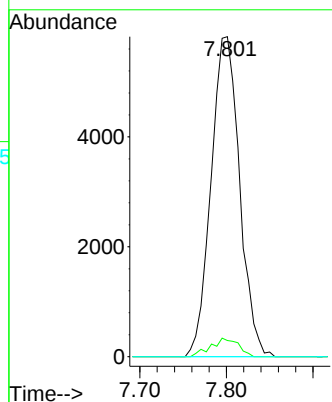


#38
Carbon Tetrachloride
Concen: 6.68 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY004509.D
Acq: 19 Apr 2021 19:31

Instrument :
MSVOA_Y
ClientSampleId :
SB-15-0-2.0

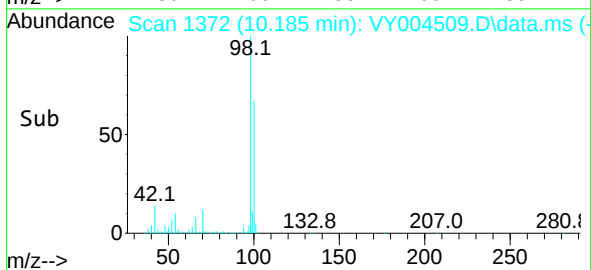
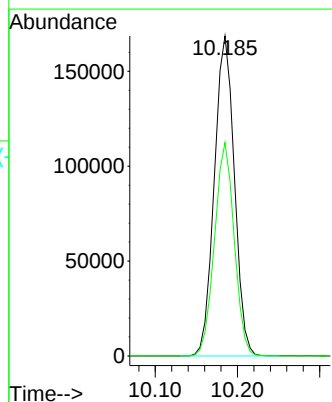
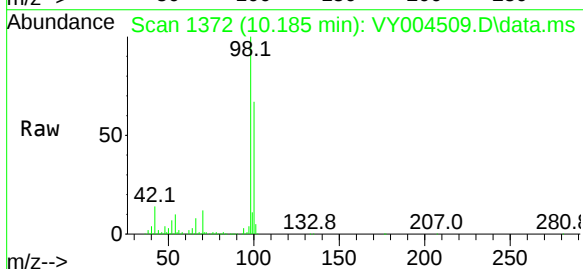


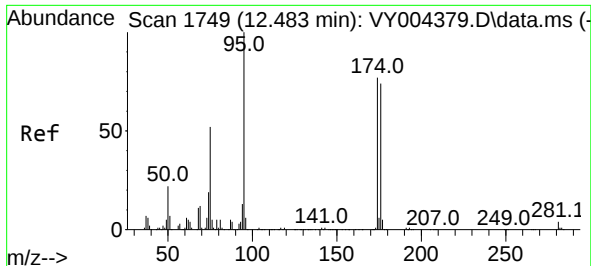
Tgt Ion:117 Resp: 13336
Ion Ratio Lower Upper
117 100
119 5.0 75.8 113.8#
121 0.0 25.3 37.9#



#50
Toluene-d8
Concen: 52.16 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004509.D
Acq: 19 Apr 2021 19:31

Tgt Ion: 98 Resp: 286072
Ion Ratio Lower Upper
98 100
100 65.4 51.8 77.6

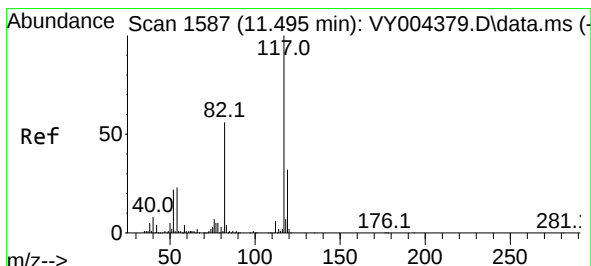
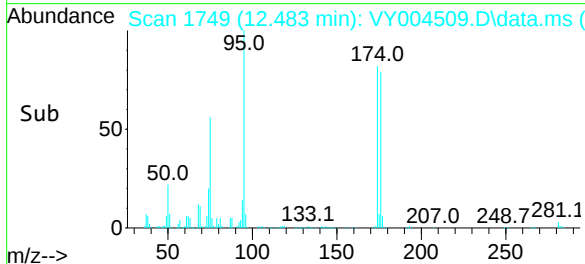
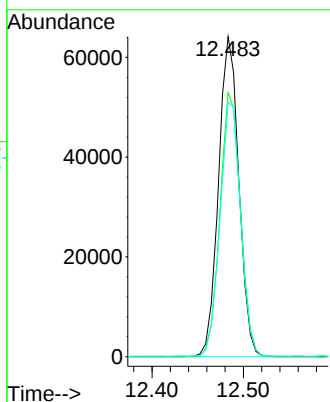
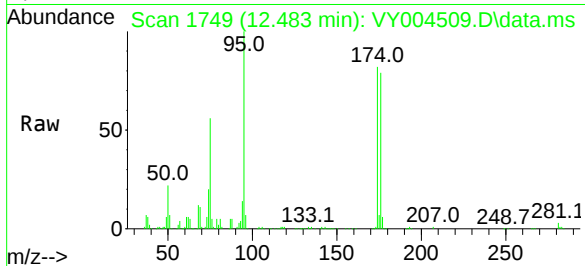




#62
4-Bromofluorobenzene
Concen: 53.11 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY004509.D
Acq: 19 Apr 2021 19:31

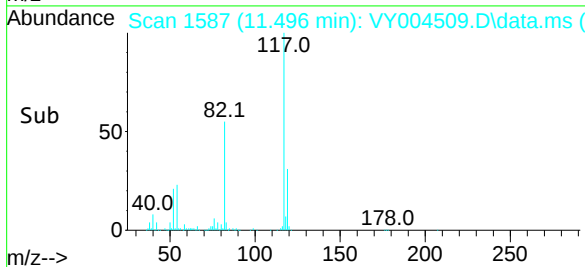
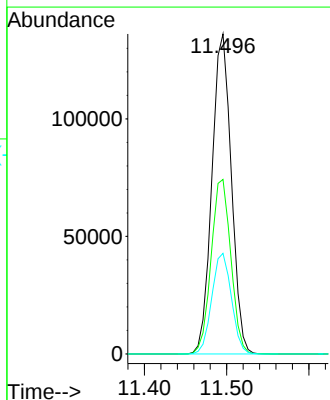
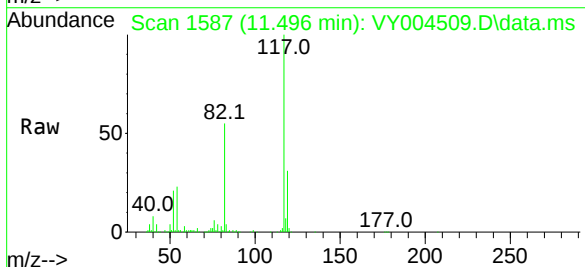
Instrument :
MSVOA_Y
ClientSampleId :
SB-15-0-2.0

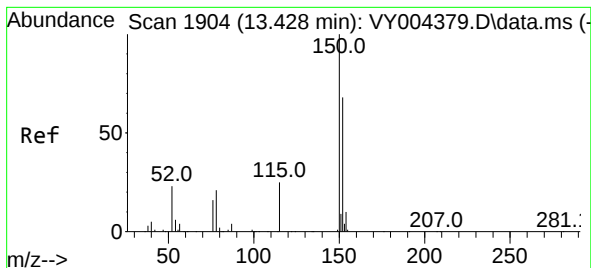
Tgt Ion: 95 Resp: 98861
Ion Ratio Lower Upper
95 100
174 83.6 0.0 162.4
176 80.7 0.0 156.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004509.D
Acq: 19 Apr 2021 19:31

Tgt Ion: 117 Resp: 223155
Ion Ratio Lower Upper
117 100
82 54.6 44.9 67.3
119 31.4 25.4 38.0

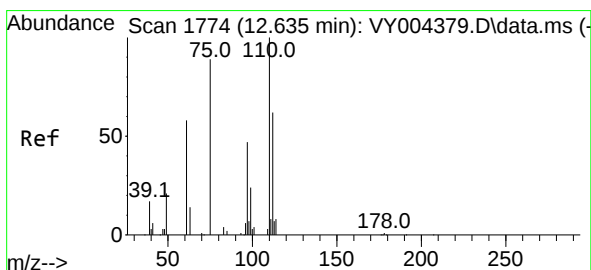
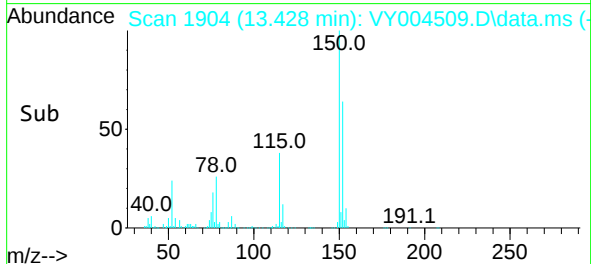
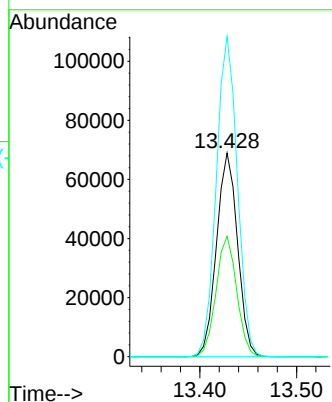
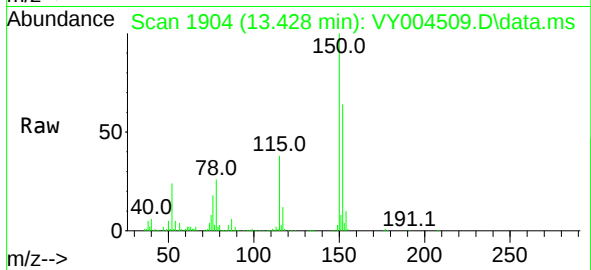




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY004509.D
 Acq: 19 Apr 2021 19:31

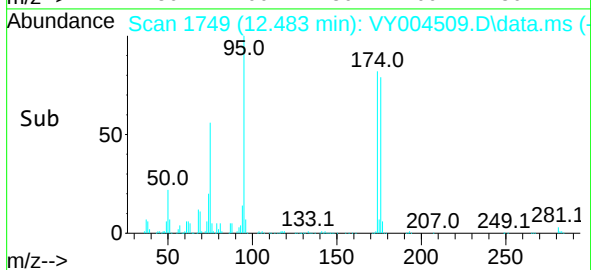
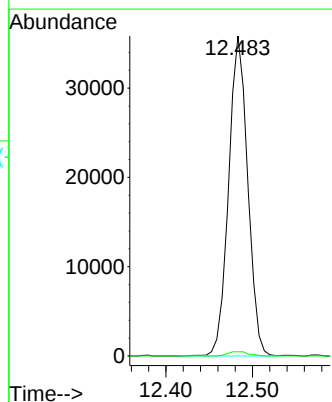
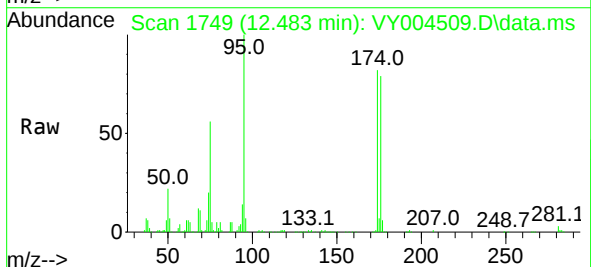
Instrument :
 MSVOA_Y
 ClientSampled :
 SB-15-0-2.0

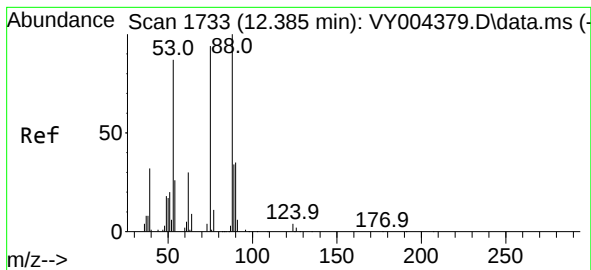
Tgt Ion:152 Resp: 104034
 Ion Ratio Lower Upper
 152 100
 115 58.1 29.6 88.8
 150 157.5 0.0 348.4



#76
 1,2,3-Trichloropropane
 Concen: 49.12 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.152 min
 Lab File: VY004509.D
 Acq: 19 Apr 2021 19:31

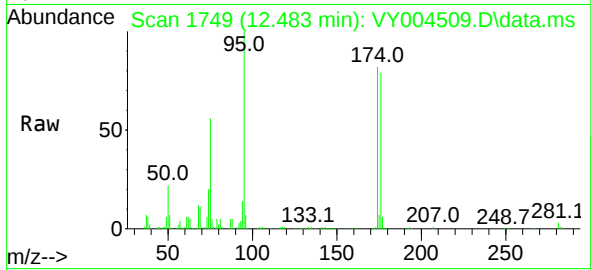
Tgt Ion: 75 Resp: 54846
 Ion Ratio Lower Upper
 75 100
 77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 87.87 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.098 min
 Lab File: VY004509.D
 Acq: 19 Apr 2021 19:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-15-0-2.0



Tgt Ion: 75 Resp: 54846
 Ion Ratio Lower Upper
 75 100
 53 0.0 75.0 112.6#
 89 0.0 36.1 54.1#

