

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041321\
 Data File : VY004402.D
 Acq On : 13 Apr 2021 12:02
 Operator : SY/MD
 Sample : M2003-01RE
 Misc : 7.04G/5ML/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 14 01:24:19 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	168960	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	282159	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	251853	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	103504	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	104364	55.59	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.18%
35) Dibromofluoromethane	7.728	113	84729	54.11	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.22%
50) Toluene-d8	10.185	98	344309	51.69	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.38%
62) 4-Bromofluorobenzene	12.489	95	107947	47.76	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.52%

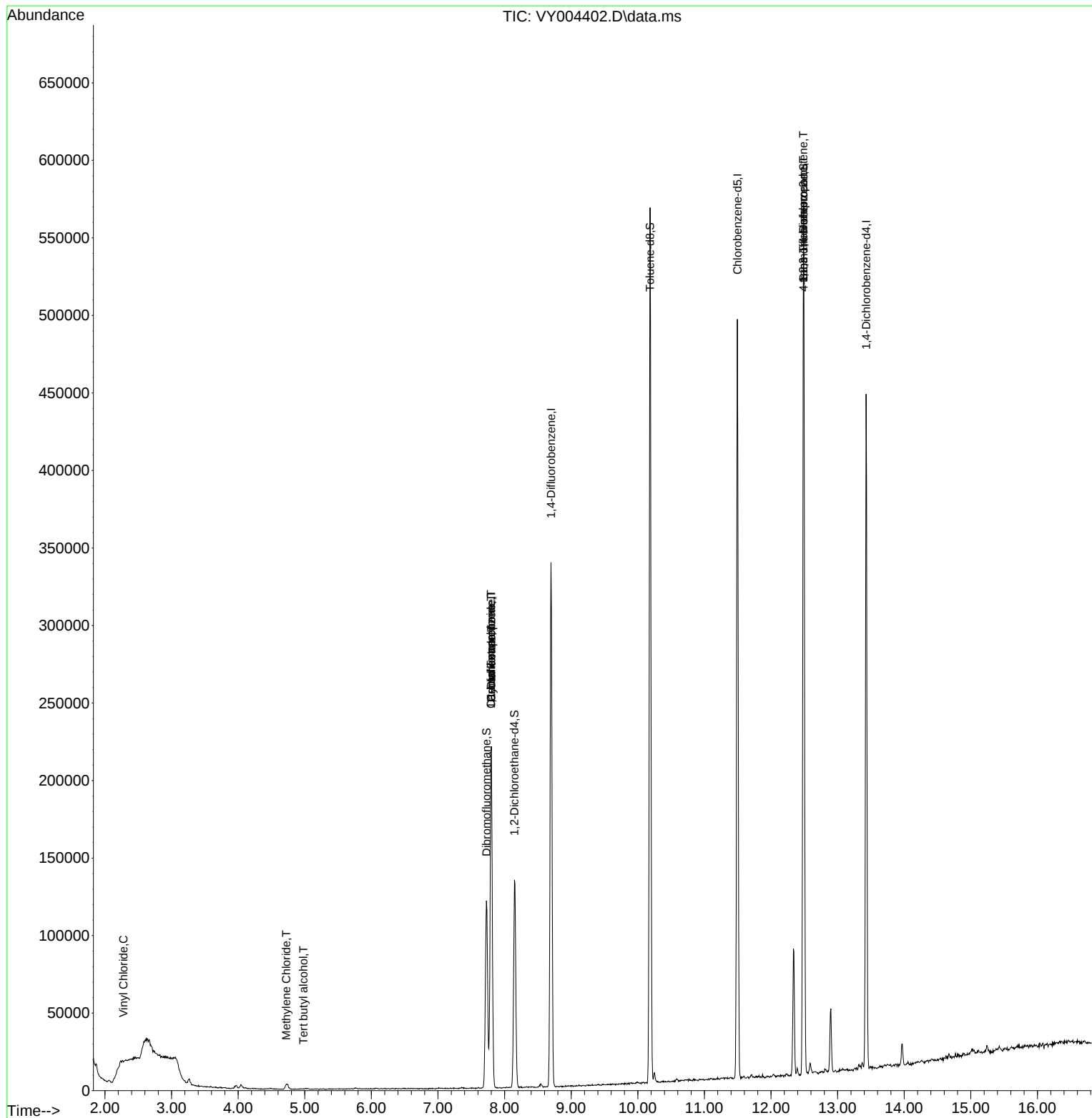
Target Compounds						Qvalue
4) Vinyl Chloride	2.278	62	10030	4.20	ug/l #	43
11) Tert butyl alcohol	4.978	59	380	2.05	ug/l #	73
16) Acetone	3.966	43	3247	Below	Cal	98
20) Methylene Chloride	4.722	84	2407	1.33	ug/l	87
31) Cyclohexane	7.801	56	3877	1.13	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	13836	4.93	ug/l #	50
38) Carbon Tetrachloride	7.795	117	16972	7.00	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	61600	55.45	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	61600	99.20	ug/l #	13

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

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Misc : 7.04G/5ML/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

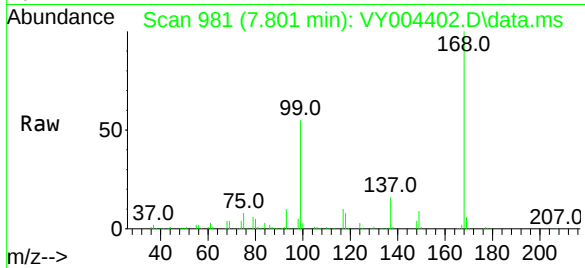
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 13 03:38:02 2021
Response via : Initial Calibration



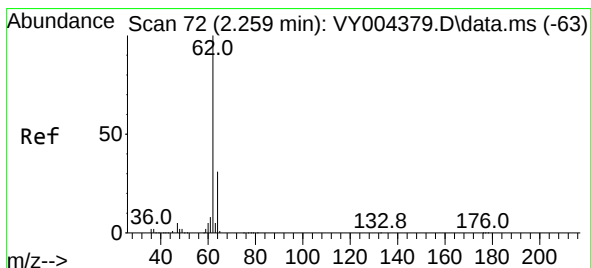
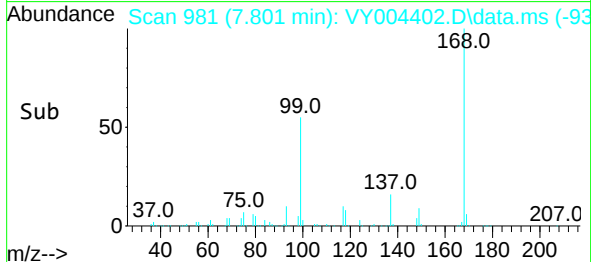
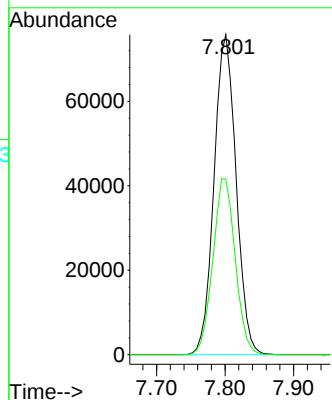


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004402.D
Acq: 13 Apr 2021 12:02

Instrument :
MSVOA_Y
ClientSampled :

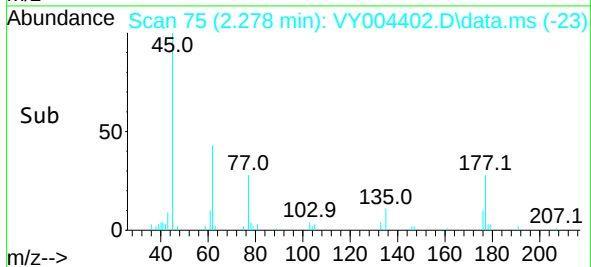
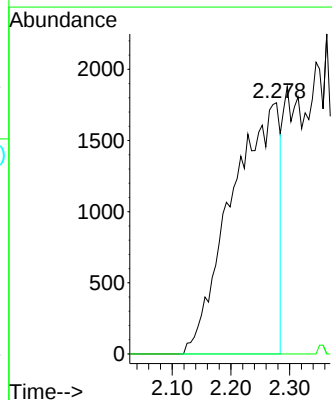
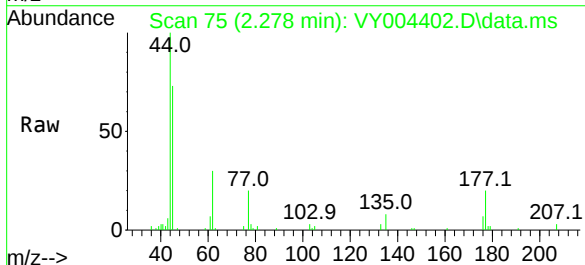


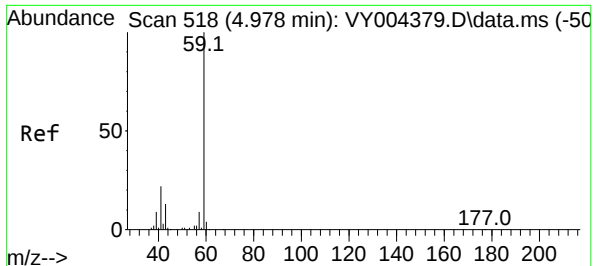
Tgt Ion:168 Resp: 168960
Ion Ratio Lower Upper
168 100
99 54.8 45.5 68.3



#4
Vinyl Chloride
Concen: 4.20 ug/l
RT: 2.278 min Scan# 75
Delta R.T. 0.018 min
Lab File: VY004402.D
Acq: 13 Apr 2021 12:02

Tgt Ion: 62 Resp: 10030
Ion Ratio Lower Upper
62 100
64 0.0 25.1 37.7#



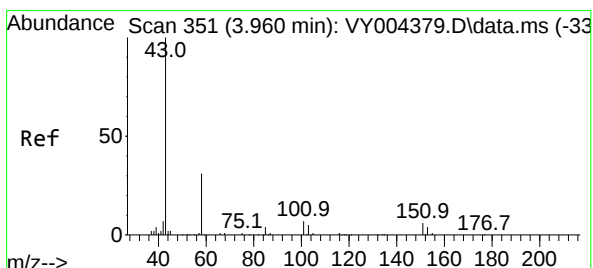
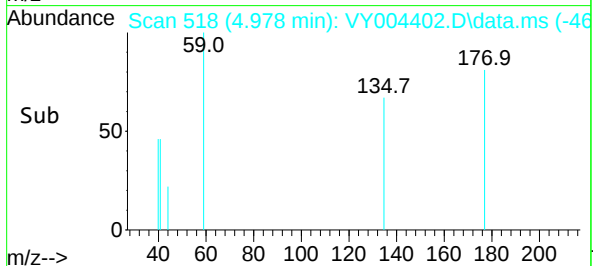
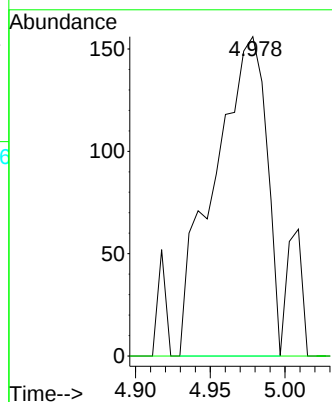
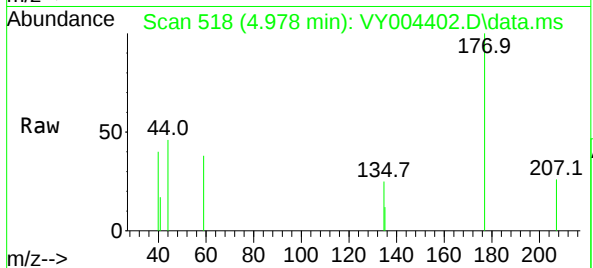


#11

Tert butyl alcohol
Concen: 2.05 ug/l
RT: 4.978 min Scan# 518
Delta R.T. 0.000 min
Lab File: VY004402.D
Acq: 13 Apr 2021 12:02

Instrument :
MSVOA_Y
ClientSampled :

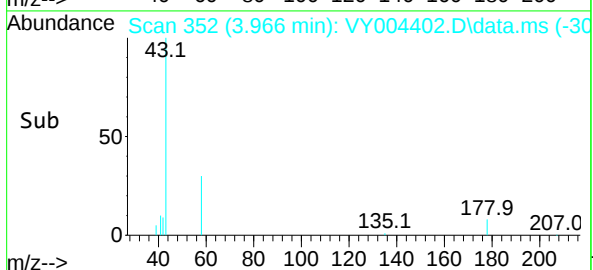
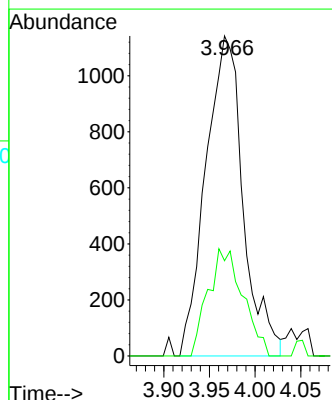
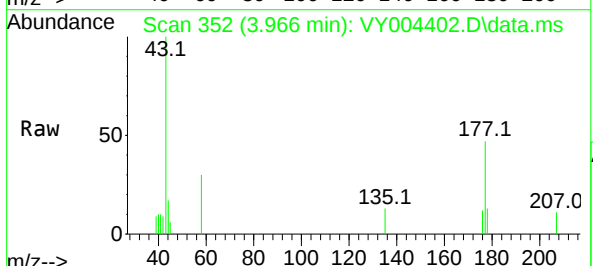
Tgt Ion: 59 Resp: 380
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

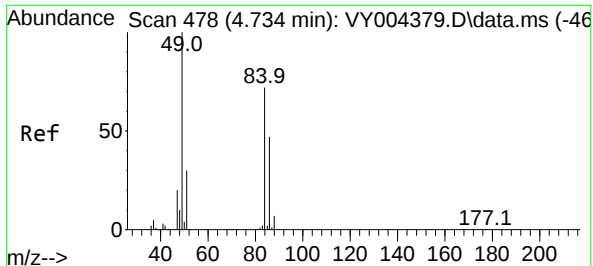


#16

Acetone
Concen: Below Cal
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY004402.D
Acq: 13 Apr 2021 12:02

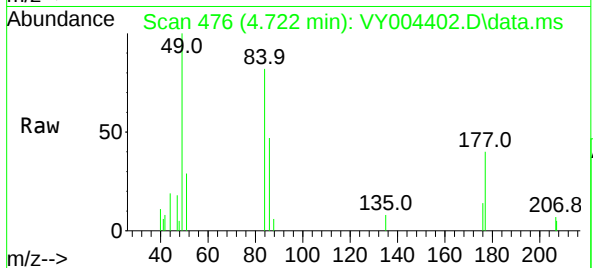
Tgt Ion: 43 Resp: 3247
Ion Ratio Lower Upper
43 100
58 29.8 24.6 37.0



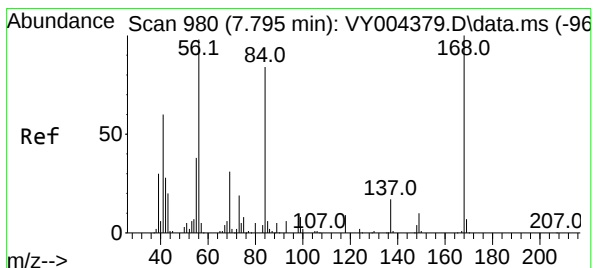
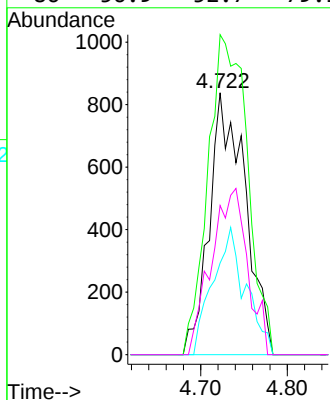
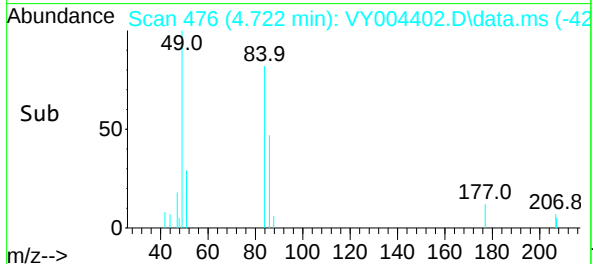


#20
Methylene Chloride
Concen: 1.33 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.012 min
Lab File: VY004402.D
Acq: 13 Apr 2021 12:02

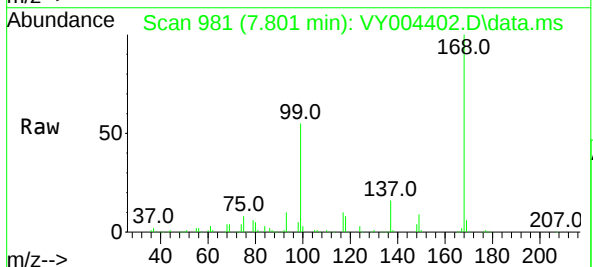
Instrument :
MSVOA_Y
ClientSampled :



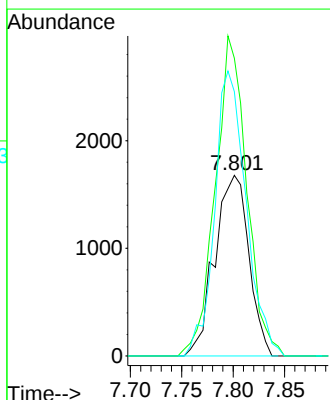
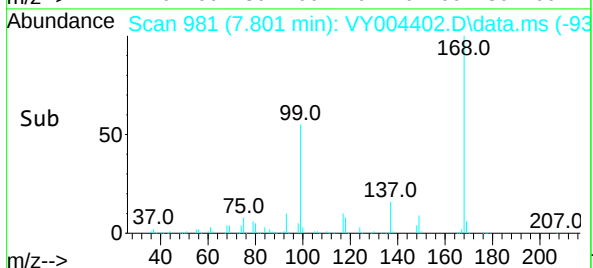
Tgt Ion:	84	Resp:	2407
Ion	Ratio	Lower	Upper
84	100		
49	122.2	111.2	166.8
51	35.0	33.4	50.2
86	56.9	52.7	79.1

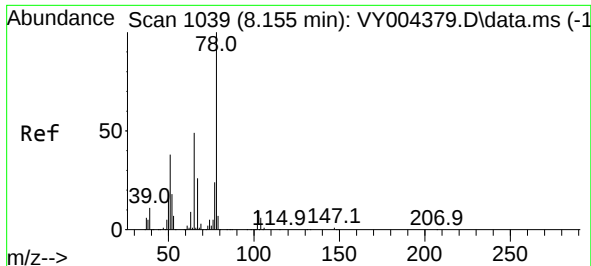


#31
Cyclohexane
Concen: 1.13 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY004402.D
Acq: 13 Apr 2021 12:02



Tgt Ion:	56	Resp:	3877
Ion	Ratio	Lower	Upper
56	100		
69	164.7	25.8	38.6#
84	146.3	68.2	102.4#

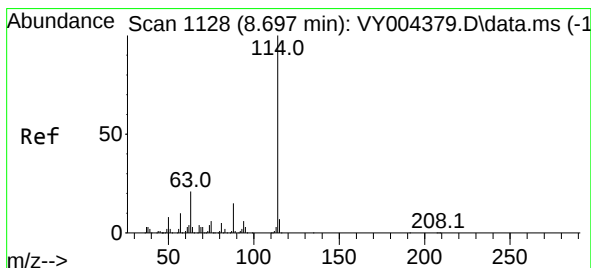
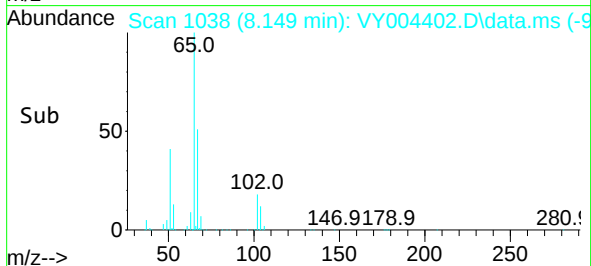
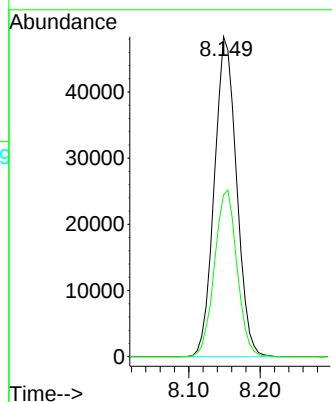
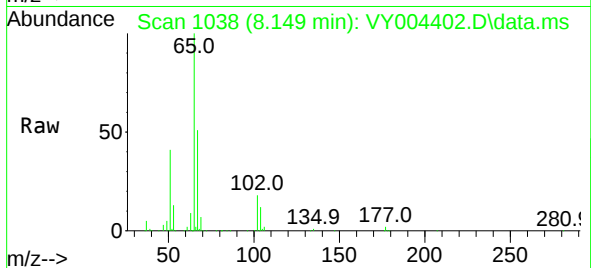




#33
 1,2-Dichloroethane-d4
 Concen: 55.59 ug/l
 RT: 8.149 min Scan# 1038
 Delta R.T. -0.006 min
 Lab File: VY004402.D
 Acq: 13 Apr 2021 12:02

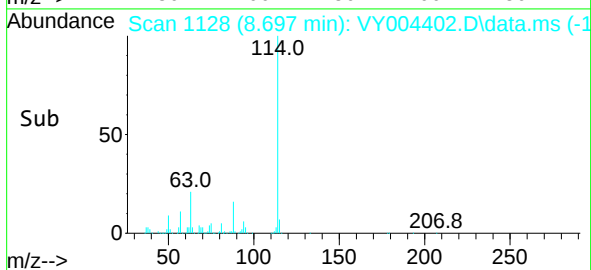
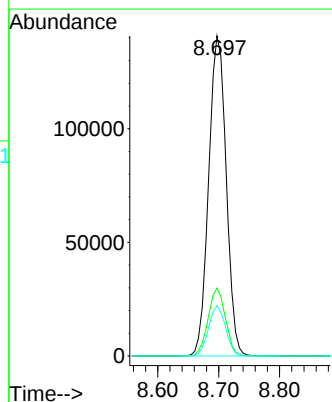
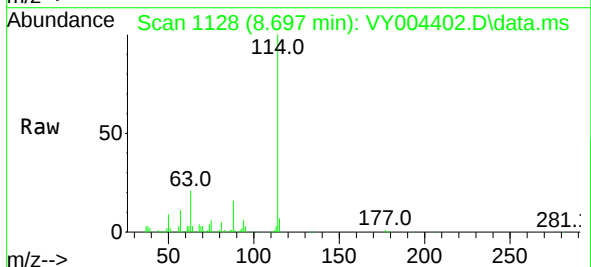
Instrument :
 MSVOA_Y
 ClientSampled :

Tgt Ion: 65 Resp: 104364
 Ion Ratio Lower Upper
 65 100
 67 52.8 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: VY004402.D
 Acq: 13 Apr 2021 12:02

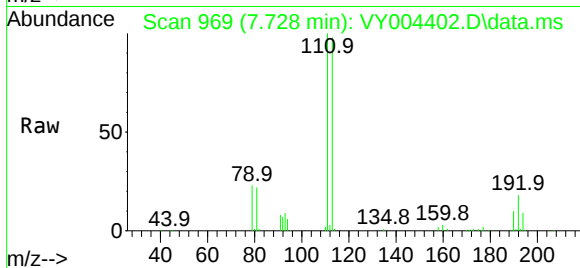
Tgt Ion: 114 Resp: 282159
 Ion Ratio Lower Upper
 114 100
 63 21.2 0.0 42.4
 88 15.7 0.0 30.8



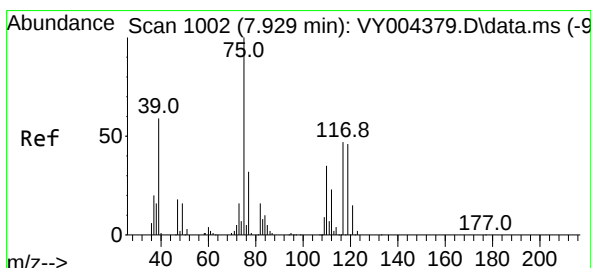
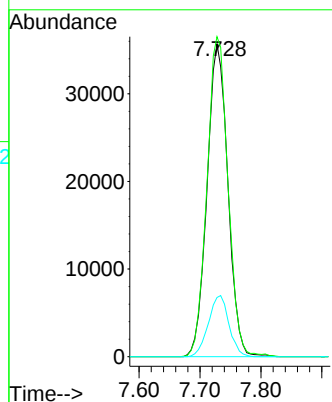
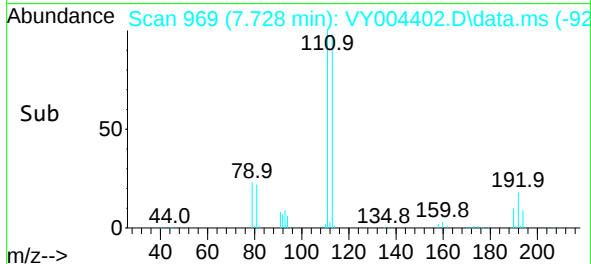


#35
Dibromofluoromethane
Concen: 54.11 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004402.D
Acq: 13 Apr 2021 12:02

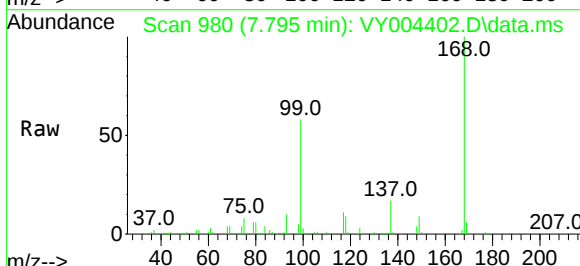
Instrument :
MSVOA_Y
ClientSampled :



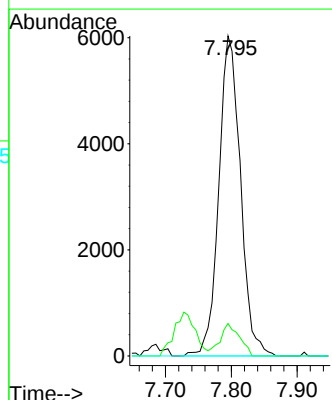
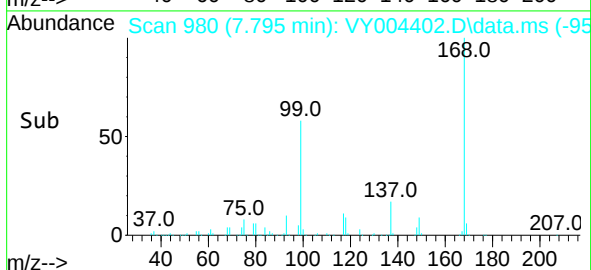
Tgt Ion:113 Resp: 84729
Ion Ratio Lower Upper
113 100
111 103.3 82.6 123.8
192 19.3 16.1 24.1

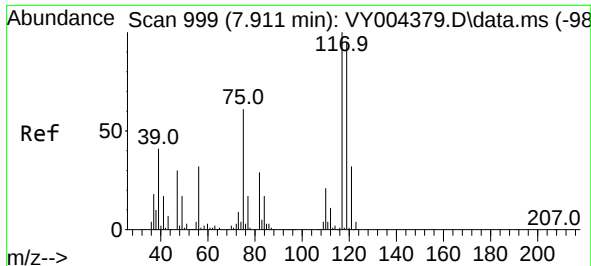


#36
1,1-Dichloropropene
Concen: 4.93 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.134 min
Lab File: VY004402.D
Acq: 13 Apr 2021 12:02



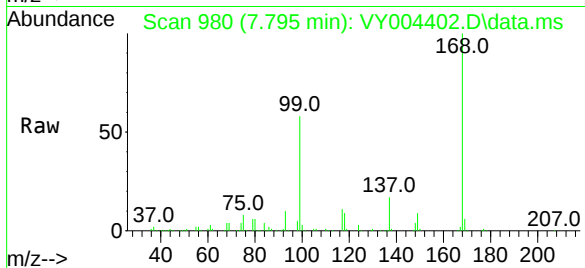
Tgt Ion: 75 Resp: 13836
Ion Ratio Lower Upper
75 100
110 9.0 17.3 51.7#
77 0.0 24.3 36.5#



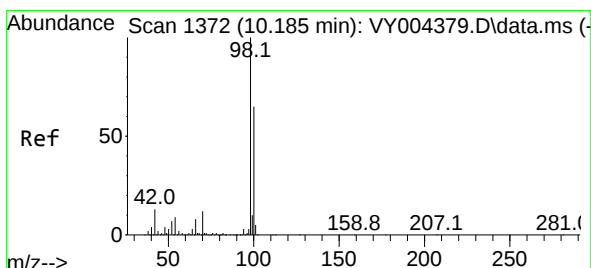
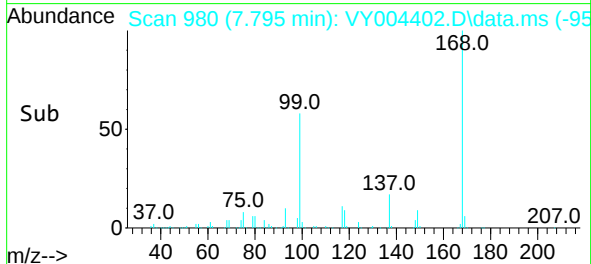
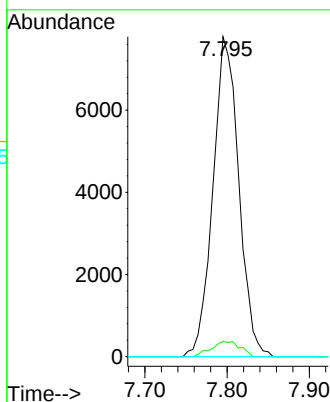


#38
Carbon Tetrachloride
Concen: 7.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY004402.D
Acq: 13 Apr 2021 12:02

Instrument :
MSVOA_Y
ClientSampled :

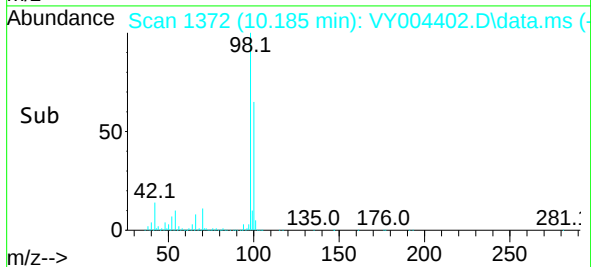
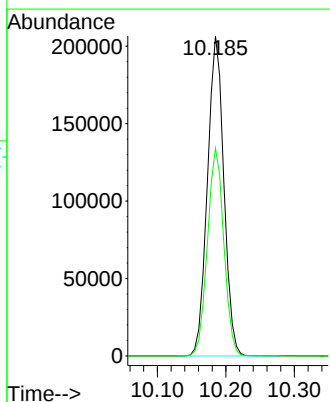
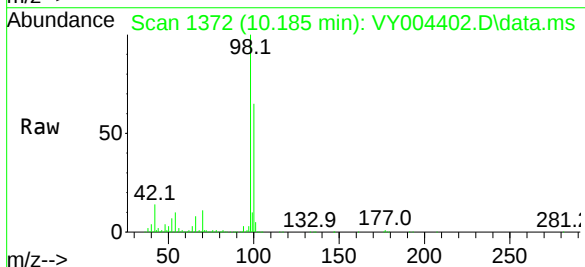


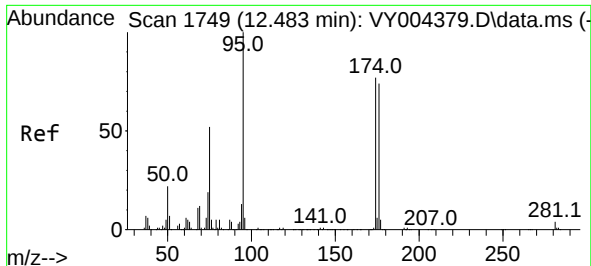
Tgt Ion:117 Resp: 16972
Ion Ratio Lower Upper
117 100
119 4.8 75.8 113.8#
121 0.0 25.3 37.9#



#50
Toluene-d8
Concen: 51.69 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004402.D
Acq: 13 Apr 2021 12:02

Tgt Ion: 98 Resp: 344309
Ion Ratio Lower Upper
98 100
100 64.7 51.8 77.6

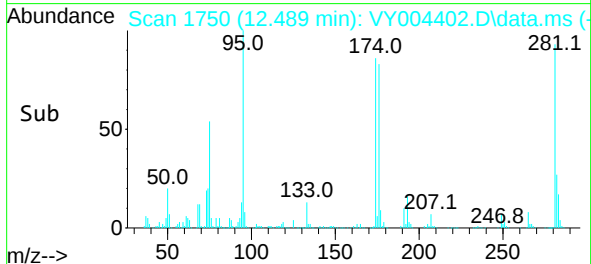
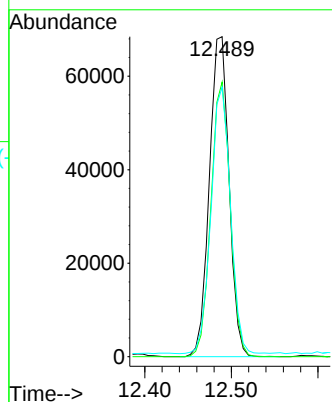
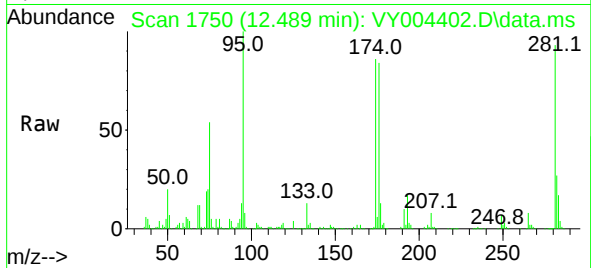




#62
4-Bromofluorobenzene
Concen: 47.76 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY004402.D
Acq: 13 Apr 2021 12:02

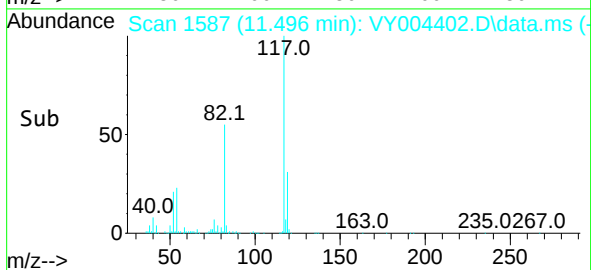
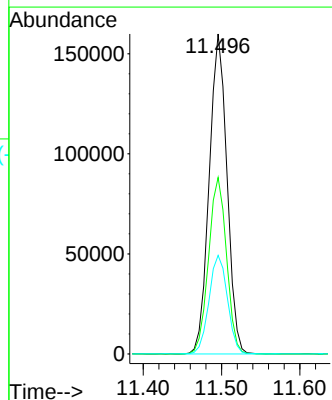
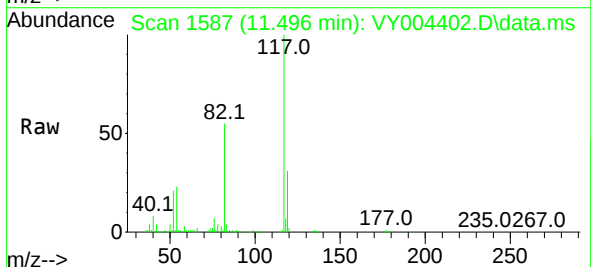
Instrument :
MSVOA_Y
ClientSampled :

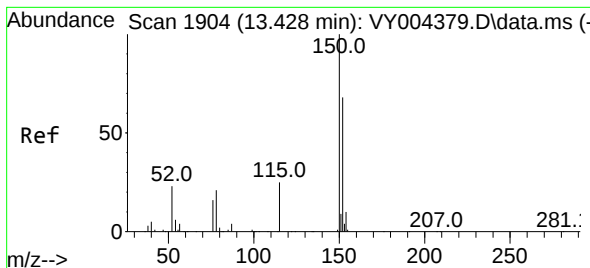
Tgt Ion: 95 Resp: 107947
Ion Ratio Lower Upper
95 100
174 83.8 0.0 162.4
176 82.4 0.0 156.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004402.D
Acq: 13 Apr 2021 12:02

Tgt Ion: 117 Resp: 251853
Ion Ratio Lower Upper
117 100
82 55.2 44.9 67.3
119 30.7 25.4 38.0

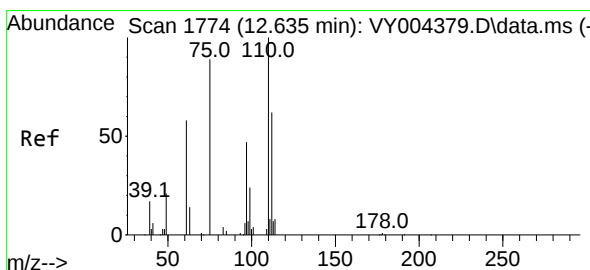
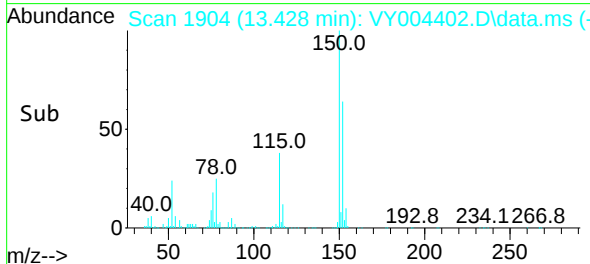
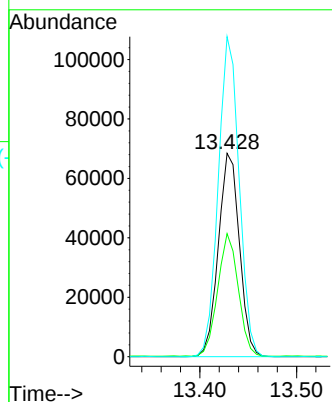
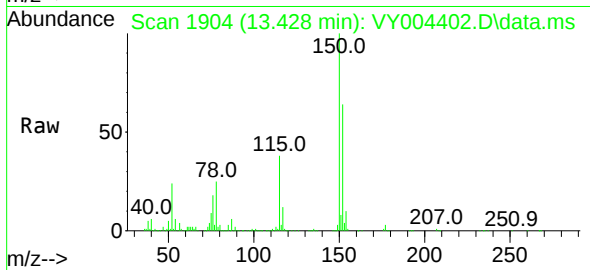




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY004402.D
Acq: 13 Apr 2021 12:02

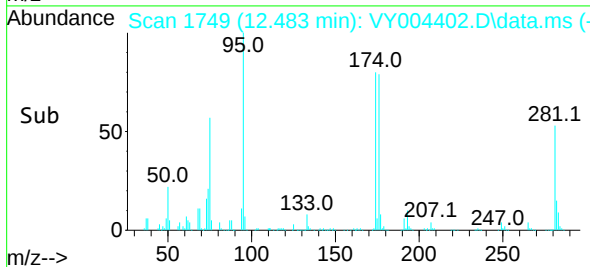
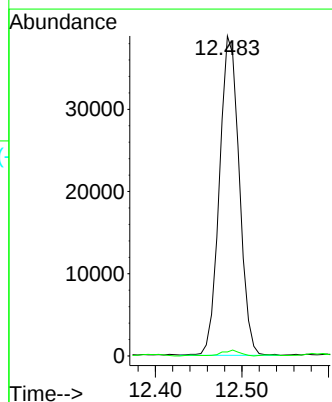
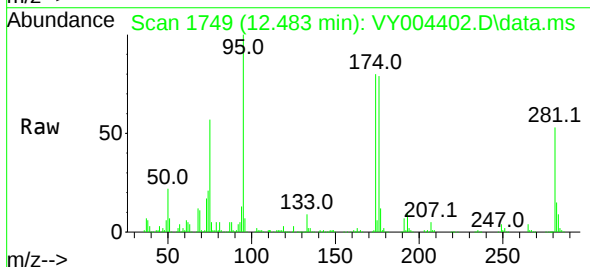
Instrument :
MSVOA_Y
ClientSampled :

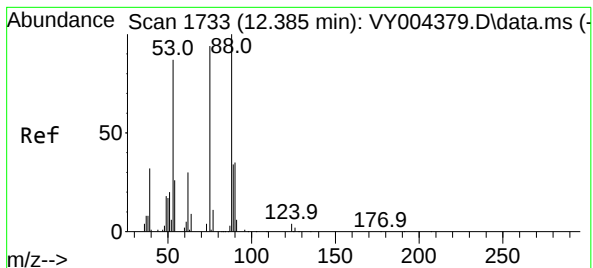
Tgt Ion:152 Resp: 103504
Ion Ratio Lower Upper
152 100
115 58.8 29.6 88.8
150 155.9 0.0 348.4



#76
1,2,3-Trichloropropane
Concen: 55.45 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY004402.D
Acq: 13 Apr 2021 12:02

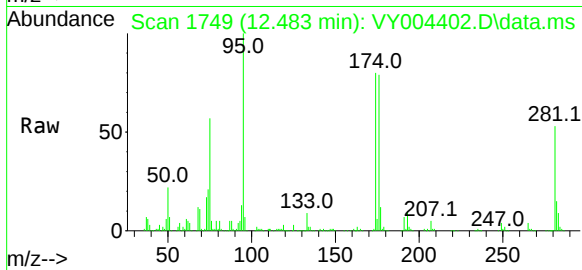
Tgt Ion: 75 Resp: 61600
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 99.20 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.098 min
 Lab File: VY004402.D
 Acq: 13 Apr 2021 12:02

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 61600
 Ion Ratio Lower Upper
 75 100
 53 0.0 75.0 112.6#
 89 1.8 36.1 54.1#

