

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042621\
 Data File : VY004635.D
 Acq On : 26 Apr 2021 17:22
 Operator : SY/MD
 Sample : M2176-13
 Misc : 6.24G/5ML/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Apr 27 09:34:46 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)

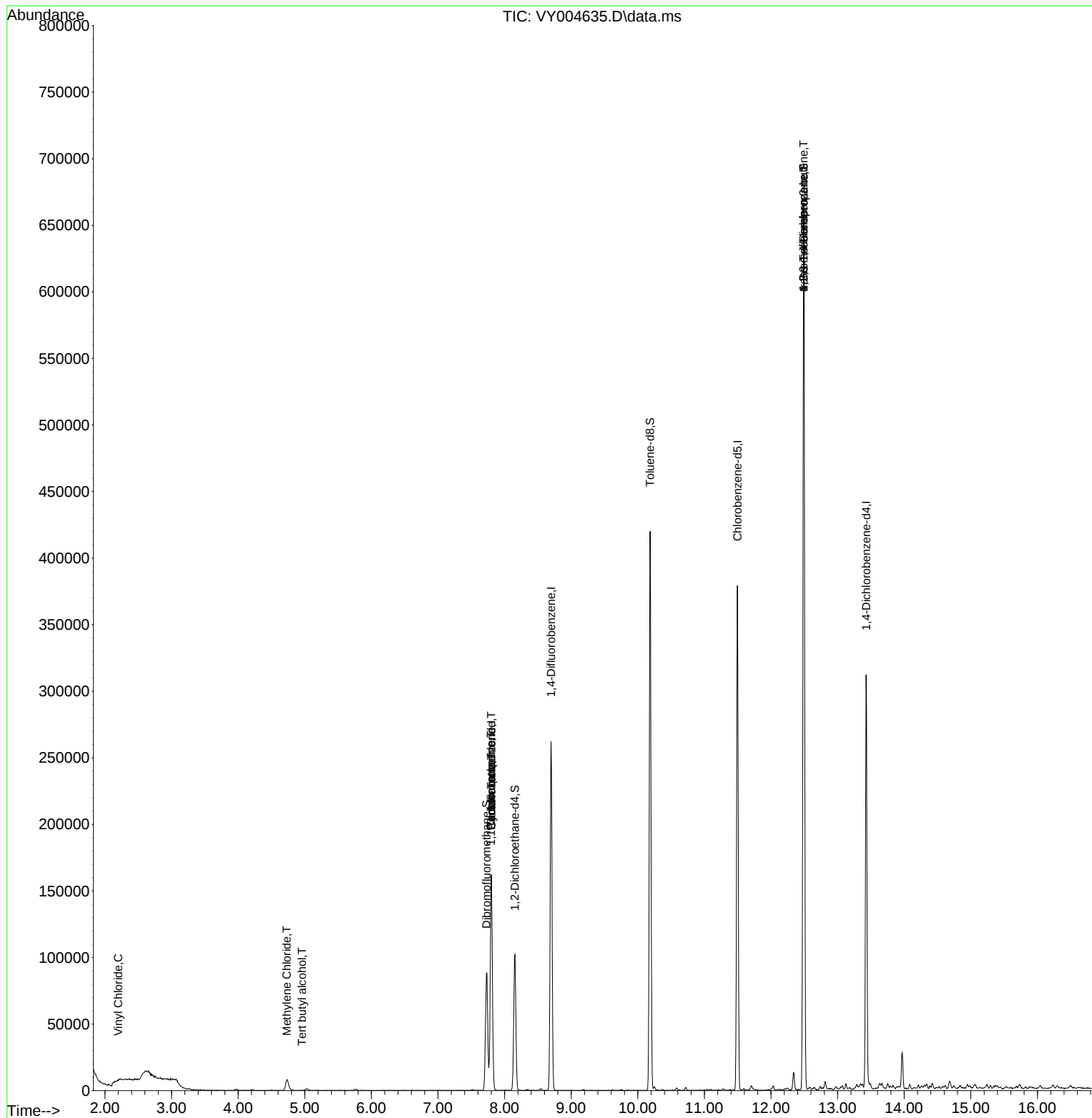
Internal Standards						
1) Pentafluorobenzene	7.801	168	120870	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	210865	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	193756	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	73448	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	79955	59.54	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.08%
35) Dibromofluoromethane	7.728	113	60735	51.90	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.80%
50) Toluene-d8	10.185	98	260946	52.42	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.84%
62) 4-Bromofluorobenzene	12.489	95	83214	49.26	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.52%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.198	62	2863	1.67	ug/l #	43
11) Tert butyl alcohol	4.960	59	206	1.56	ug/l #	73
16) Acetone	3.960	43	1693	Below	Cal	95
20) Methylene Chloride	4.728	84	5478	4.22	ug/l #	85
31) Cyclohexane	7.801	56	2970	1.21	ug/l #	8
36) 1,1-Dichloropropene	7.795	75	9823	4.69	ug/l #	50
38) Carbon Tetrachloride	7.801	117	11765	6.50	ug/l #	16
76) 1,2,3-Trichloropropane	12.489	75	49985	63.41	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.489	75	49985	113.43	ug/l #	13

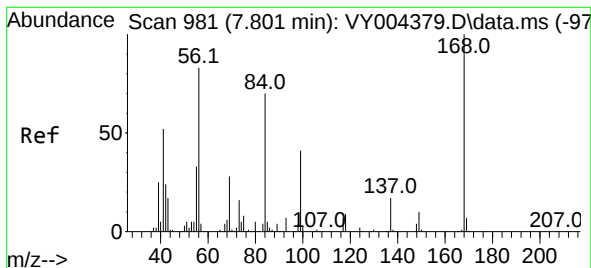
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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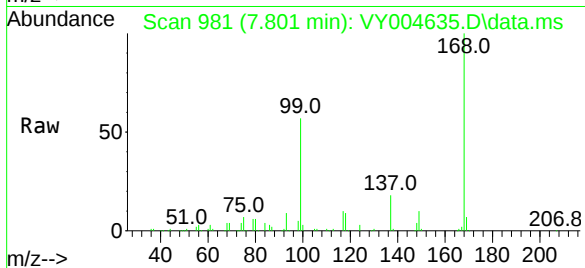
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 13 03:38:02 2021
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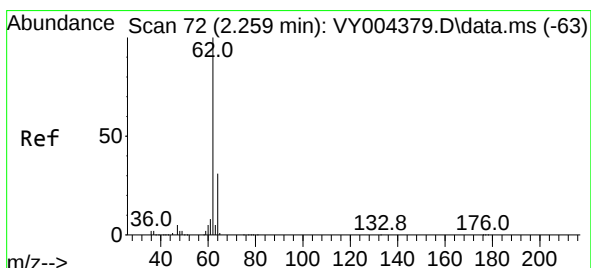
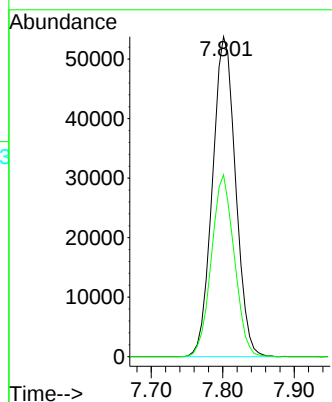
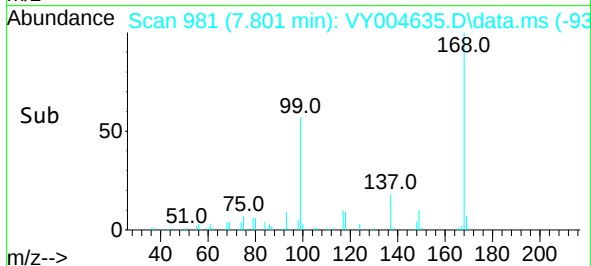


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004635.D
Acq: 26 Apr 2021 17:22

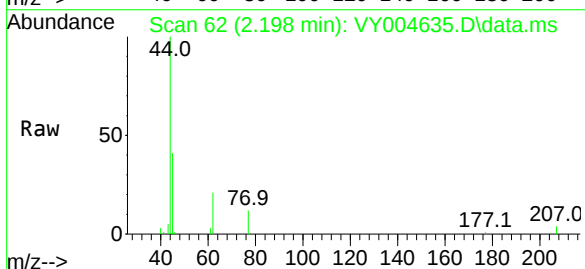
Instrument :
MSVOA_Y
ClientSampled :



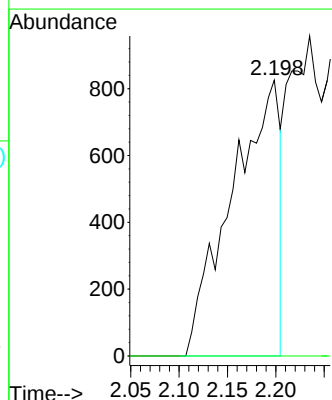
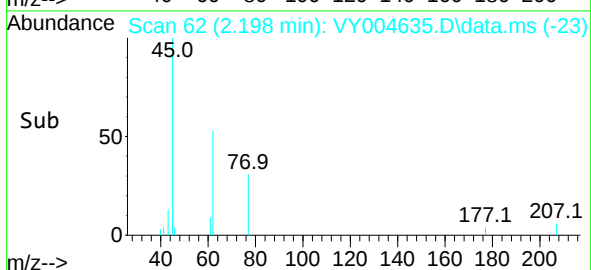
Tgt Ion:168 Resp: 120870
Ion Ratio Lower Upper
168 100
99 56.9 45.5 68.3

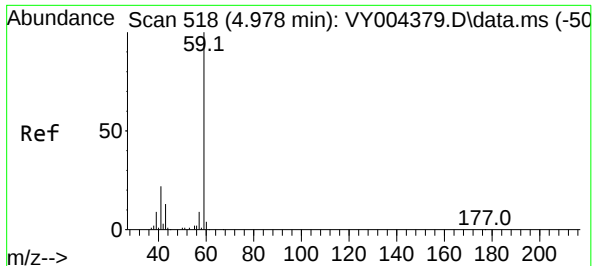


#4
Vinyl Chloride
Concen: 1.67 ug/l
RT: 2.198 min Scan# 62
Delta R.T. -0.061 min
Lab File: VY004635.D
Acq: 26 Apr 2021 17:22



Tgt Ion: 62 Resp: 2863
Ion Ratio Lower Upper
62 100
64 0.0 25.1 37.7#

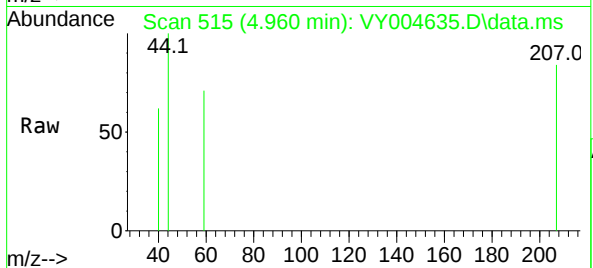




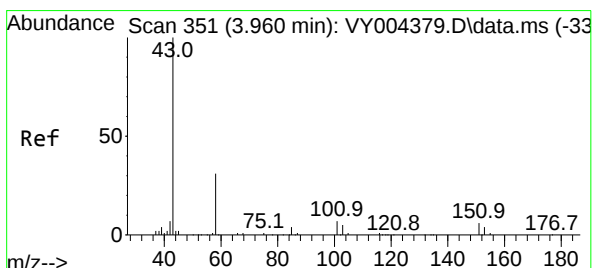
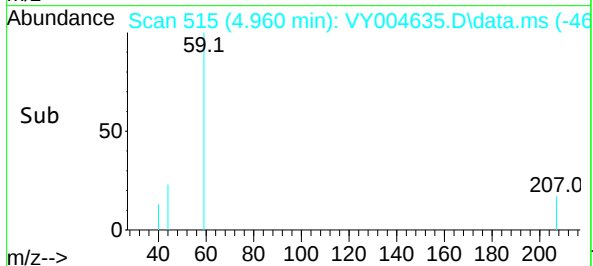
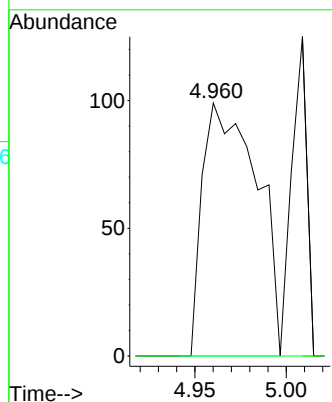
#11

Tert butyl alcohol
Concen: 1.56 ug/l
RT: 4.960 min Scan# 515
Delta R.T. -0.018 min
Lab File: VY004635.D
Acq: 26 Apr 2021 17:22

Instrument :
MSVOA_Y
ClientSampled :



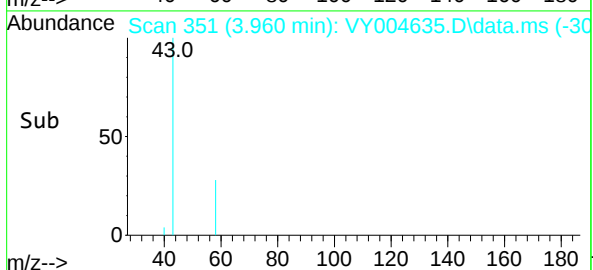
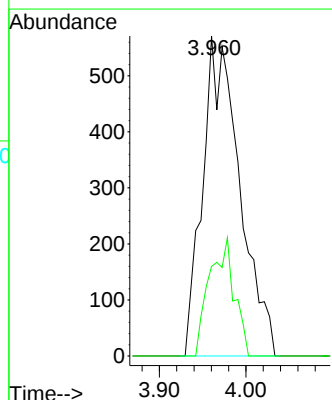
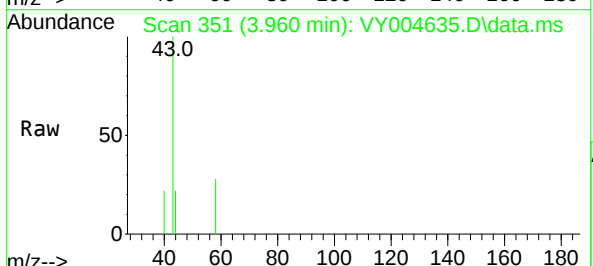
Tgt Ion: 59 Resp: 206
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

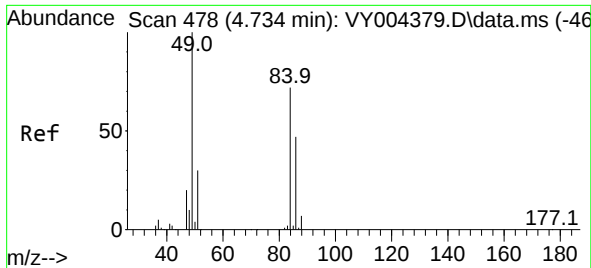


#16

Acetone
Concen: Below Cal
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY004635.D
Acq: 26 Apr 2021 17:22

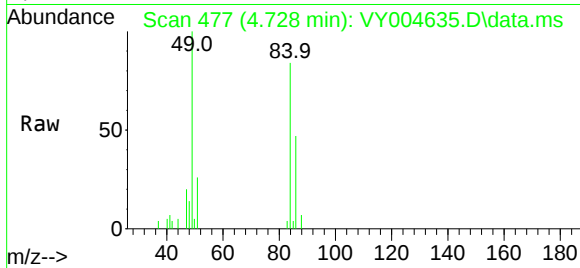
Tgt Ion: 43 Resp: 1693
Ion Ratio Lower Upper
43 100
58 28.0 24.6 37.0





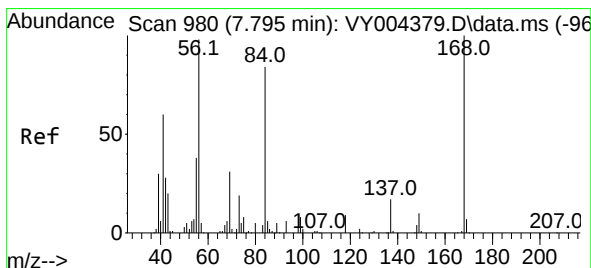
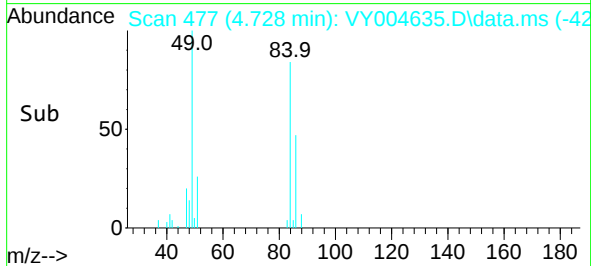
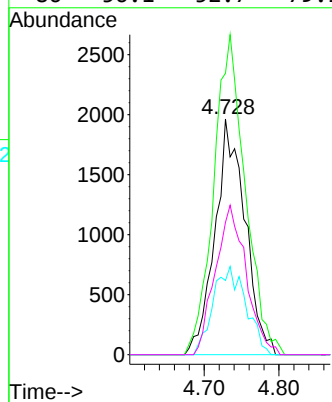
#20
Methylene Chloride
Concen: 4.22 ug/l
RT: 4.728 min Scan# 477
Delta R.T. -0.006 min
Lab File: VY004635.D
Acq: 26 Apr 2021 17:22

Instrument :
MSVOA_Y
ClientSampleId :

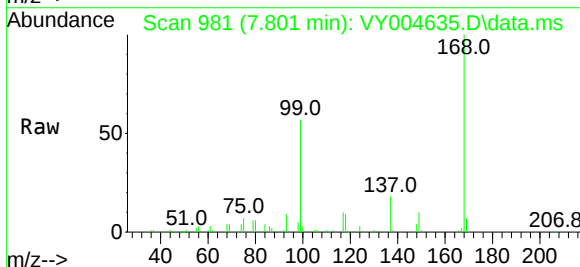


Tgt Ion: 84 Resp: 5478

Ion	Ratio	Lower	Upper
84	100		
49	119.5	111.2	166.8
51	31.5	33.4	50.2#
86	56.1	52.7	79.1

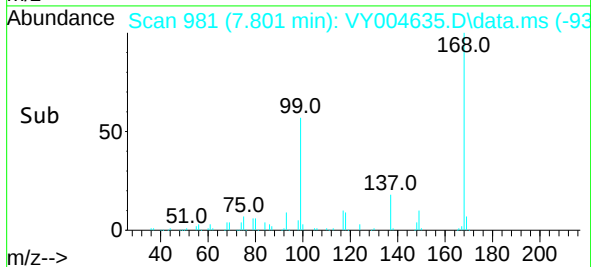
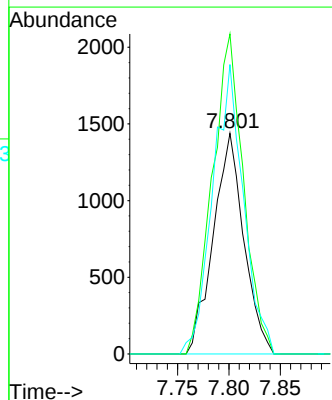


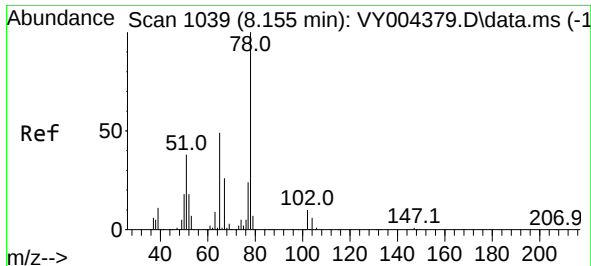
#31
Cyclohexane
Concen: 1.21 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY004635.D
Acq: 26 Apr 2021 17:22



Tgt Ion: 56 Resp: 2970

Ion	Ratio	Lower	Upper
56	100		
69	145.0	25.8	38.6#
84	131.2	68.2	102.4#

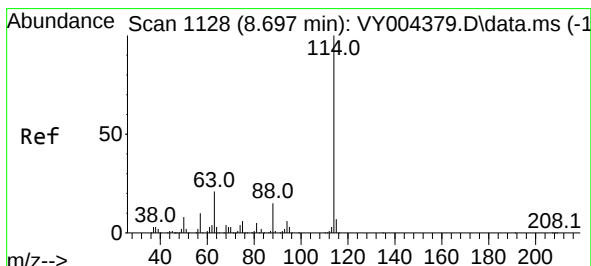
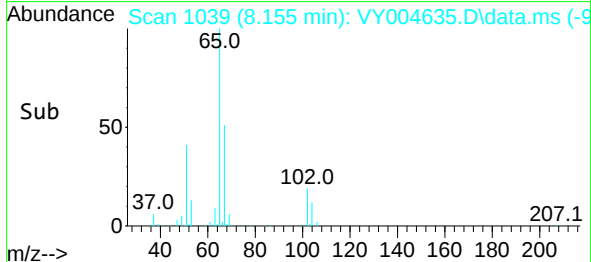
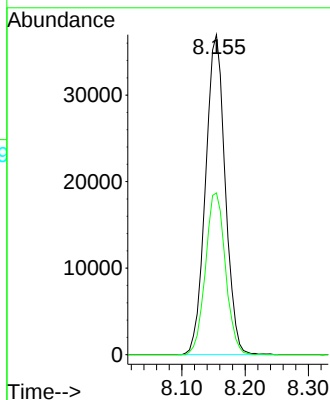
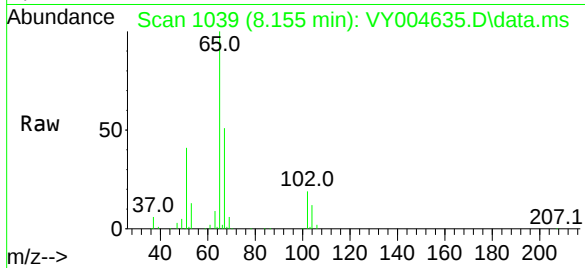




#33
 1,2-Dichloroethane-d4
 Concen: 59.54 ug/l
 RT: 8.155 min Scan# 1039
 Delta R.T. 0.000 min
 Lab File: VY004635.D
 Acq: 26 Apr 2021 17:22

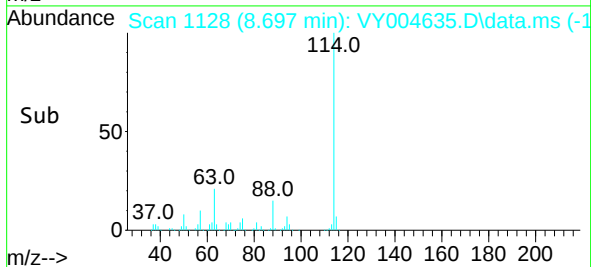
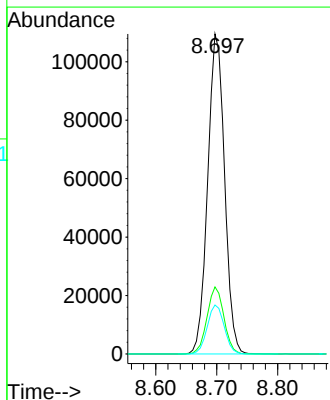
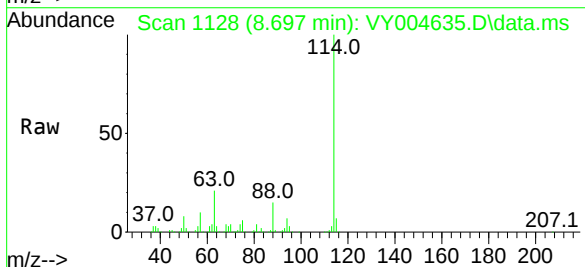
Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion: 65 Resp: 79955
 Ion Ratio Lower Upper
 65 100
 67 51.4 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: VY004635.D
 Acq: 26 Apr 2021 17:22

Tgt Ion:114 Resp: 210865
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 42.4
 88 15.3 0.0 30.8

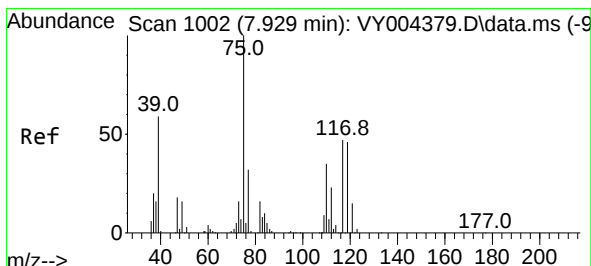
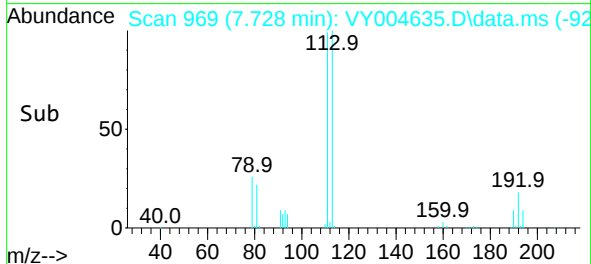
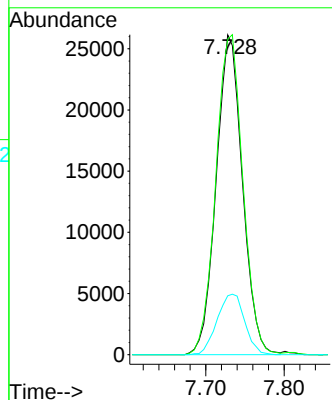
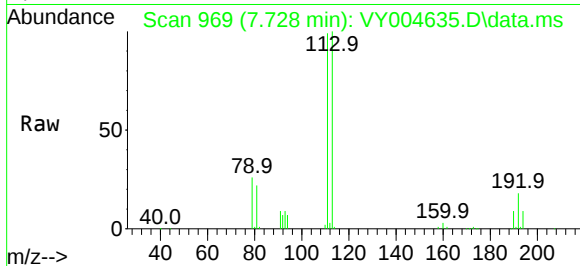




#35
Dibromofluoromethane
Concen: 51.90 ug/l
RT: 7.728 min Scan# 969
Delta R.T. 0.000 min
Lab File: VY004635.D
Acq: 26 Apr 2021 17:22

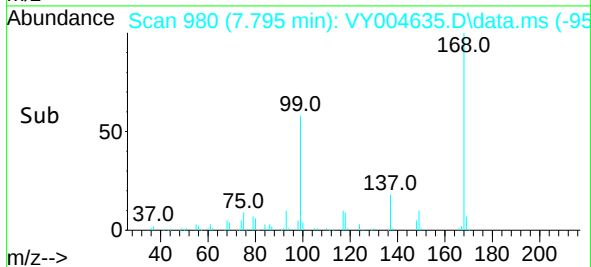
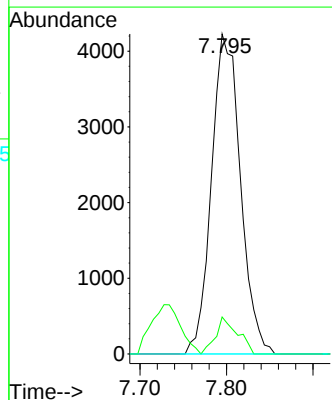
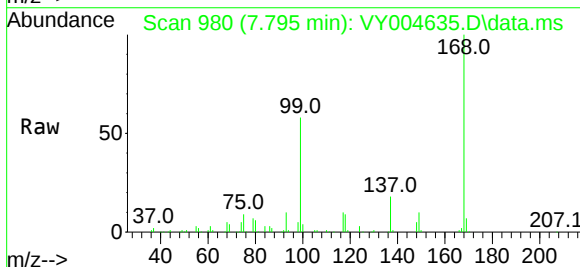
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:	113	Resp:	60735
Ion	Ratio	Lower	Upper
113	100		
111	103.4	82.6	123.8
192	19.9	16.1	24.1



#36
1,1-Dichloropropene
Concen: 4.69 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.134 min
Lab File: VY004635.D
Acq: 26 Apr 2021 17:22

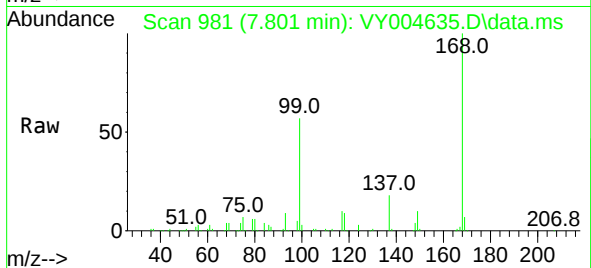
Tgt Ion:	75	Resp:	9823
Ion	Ratio	Lower	Upper
75	100		
110	8.7	17.3	51.7#
77	0.0	24.3	36.5#



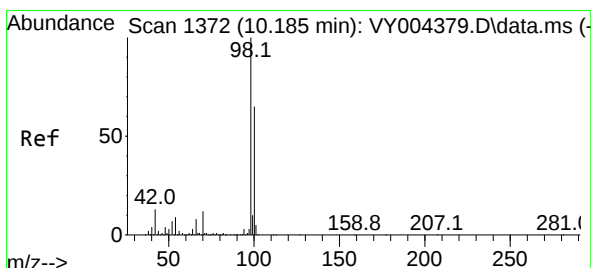
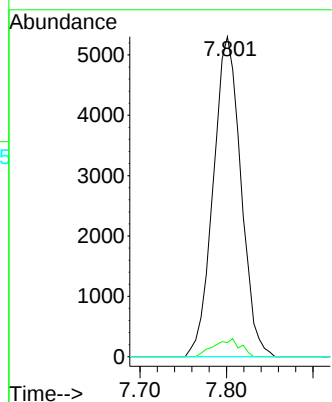
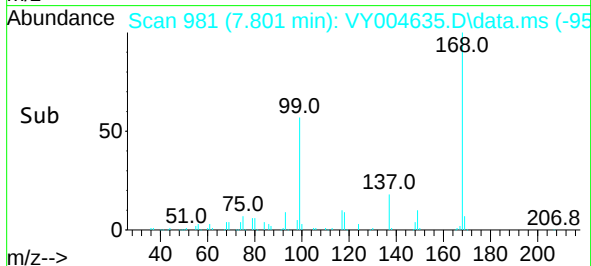


#38
Carbon Tetrachloride
Concen: 6.50 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY004635.D
Acq: 26 Apr 2021 17:22

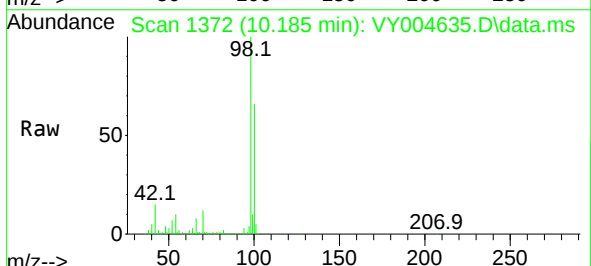
Instrument :
MSVOA_Y
ClientSampled :



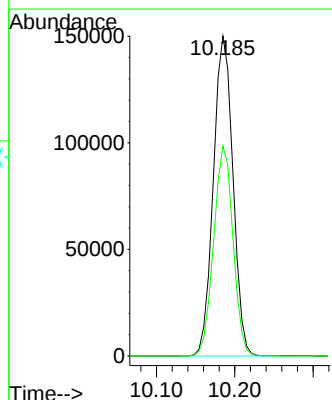
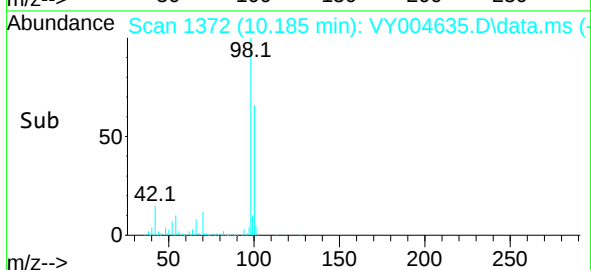
Tgt Ion: 117 Resp: 11765
Ion Ratio Lower Upper
117 100
119 4.4 75.8 113.8#
121 0.0 25.3 37.9#

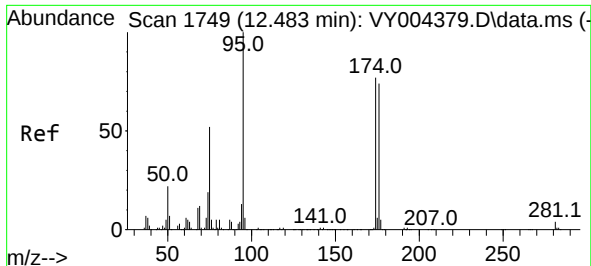


#50
Toluene-d8
Concen: 52.42 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY004635.D
Acq: 26 Apr 2021 17:22



Tgt Ion: 98 Resp: 260946
Ion Ratio Lower Upper
98 100
100 64.9 51.8 77.6

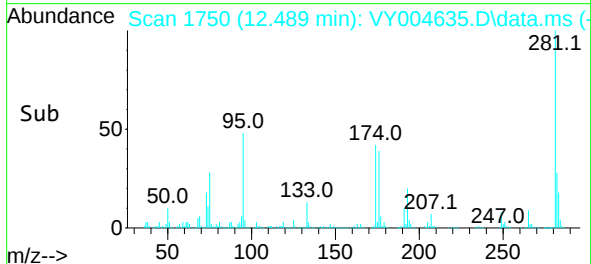
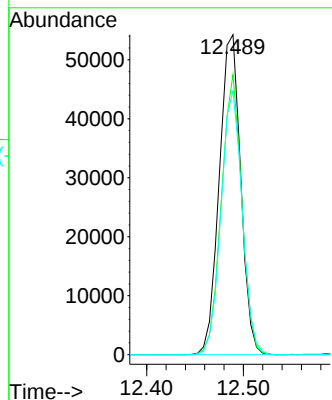
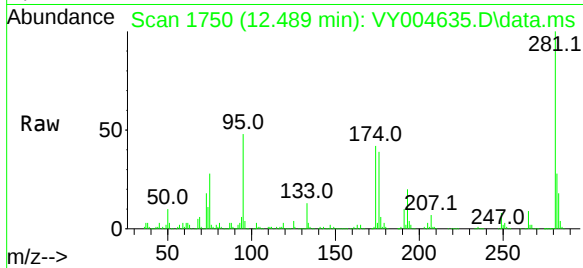




#62
4-Bromofluorobenzene
Concen: 49.26 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY004635.D
Acq: 26 Apr 2021 17:22

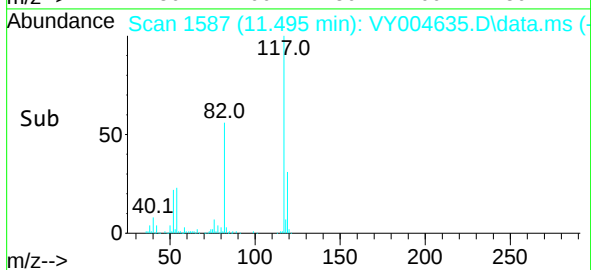
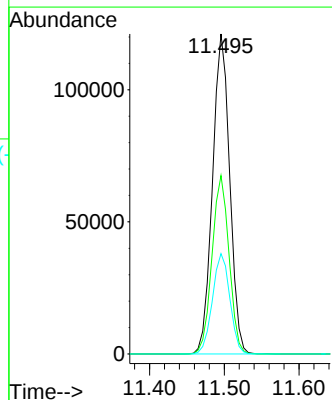
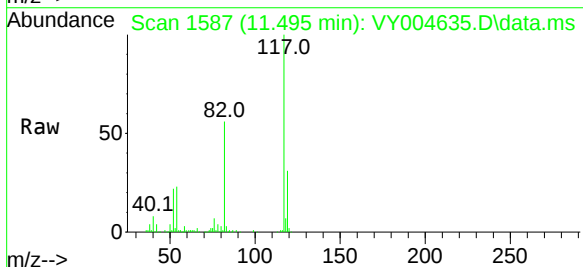
Instrument :
MSVOA_Y
ClientSampleId :

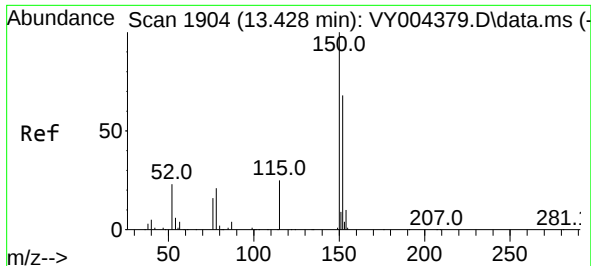
Tgt Ion: 95 Resp: 83214
Ion Ratio Lower Upper
95 100
174 83.6 0.0 162.4
176 81.3 0.0 156.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY004635.D
Acq: 26 Apr 2021 17:22

Tgt Ion: 117 Resp: 193756
Ion Ratio Lower Upper
117 100
82 55.8 44.9 67.3
119 31.3 25.4 38.0

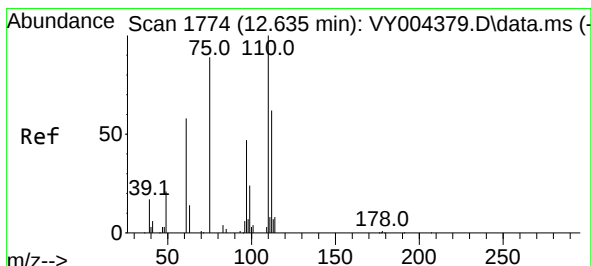
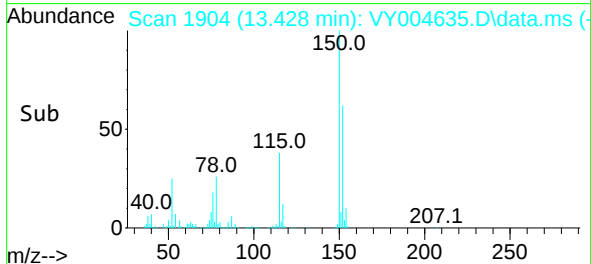
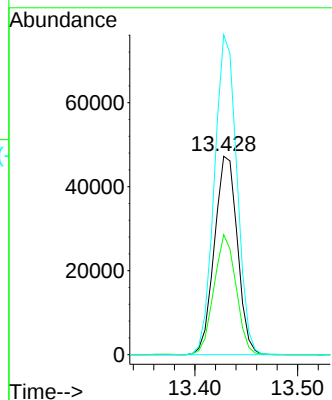
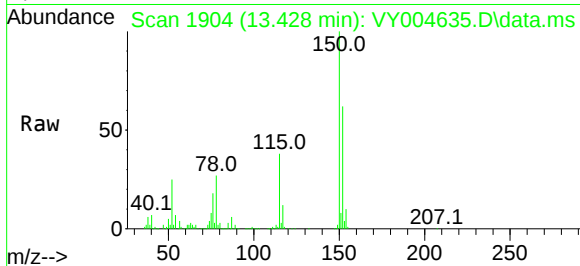




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY004635.D
 Acq: 26 Apr 2021 17:22

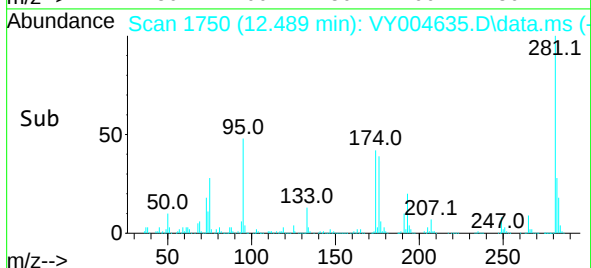
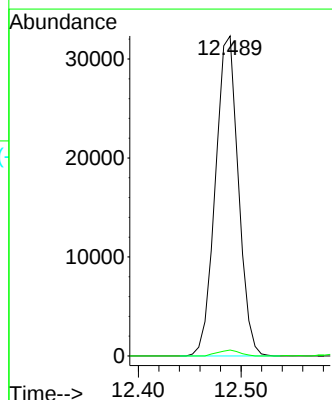
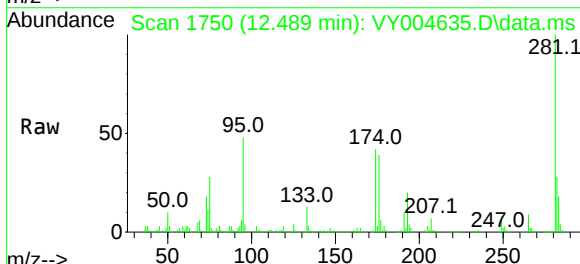
Instrument :
 MSVOA_Y
 ClientSampleId :

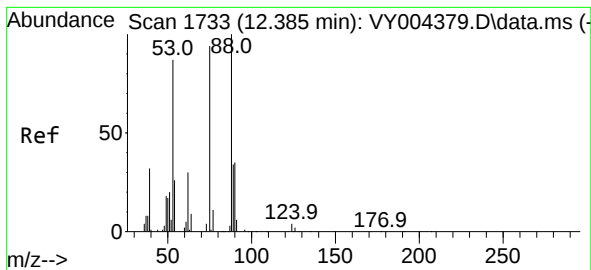
Tgt Ion:152 Resp: 73448
 Ion Ratio Lower Upper
 152 100
 115 58.2 29.6 88.8
 150 157.5 0.0 348.4



#76
 1,2,3-Trichloropropane
 Concen: 63.41 ug/l
 RT: 12.489 min Scan# 1750
 Delta R.T. -0.146 min
 Lab File: VY004635.D
 Acq: 26 Apr 2021 17:22

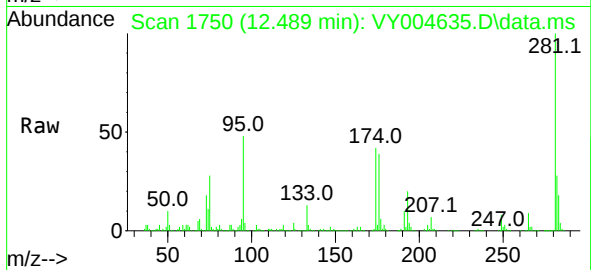
Tgt Ion: 75 Resp: 49985
 Ion Ratio Lower Upper
 75 100
 77 1.7 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 113.43 ug/l
 RT: 12.489 min Scan# 1750
 Delta R.T. 0.104 min
 Lab File: VY004635.D
 Acq: 26 Apr 2021 17:22

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 49985
 Ion Ratio Lower Upper
 75 100
 53 0.0 75.0 112.6#
 89 2.7 36.1 54.1#

