

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110321\
 Data File : VY006610.D
 Acq On : 03 Nov 2021 18:41
 Operator : SY/MD
 Sample : M4472-07
 Misc : 5.01G/5ML/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-2-KD

Quant Time: Nov 03 21:23:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 23 06:59:04 2021
 Response via : Initial Calibration

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

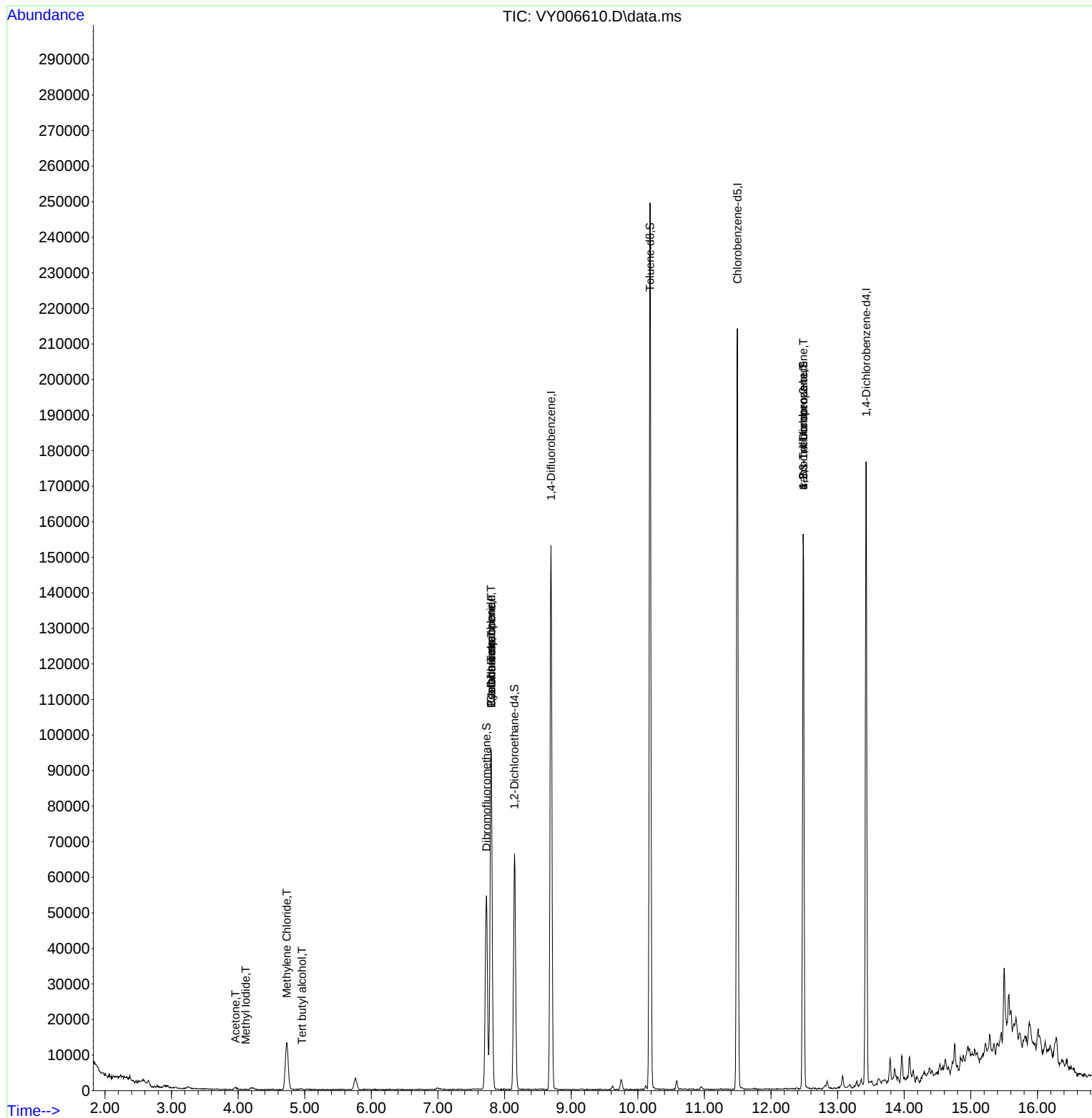
Internal Standards						
1) Pentafluorobenzene	7.801	168	72382	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	120496	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	108434	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	40363	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	52026	58.410	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 116.820%	
35) Dibromofluoromethane	7.728	113	37899	56.430	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.860%	
50) Toluene-d8	10.185	98	152693	53.632	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.260%	
62) 4-Bromofluorobenzene	12.483	95	45051	46.974	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 93.940%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.113	142	57	5.132	ug/l #	36
11) Tert butyl alcohol	4.960	59	173	2.138	ug/l #	72
16) Acetone	3.960	43	1188	4.632	ug/l #	80
20) Methylene Chloride	4.728	84	9253	8.259	ug/l	95
31) Cyclohexane	7.801	56	1832	1.270	ug/l #	14
36) 1,1-Dichloropropene	7.801	75	6156	5.171	ug/l #	51
38) Carbon Tetrachloride	7.795	117	7199	5.481	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	25301	60.830	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	25301	124.882	ug/l #	7

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

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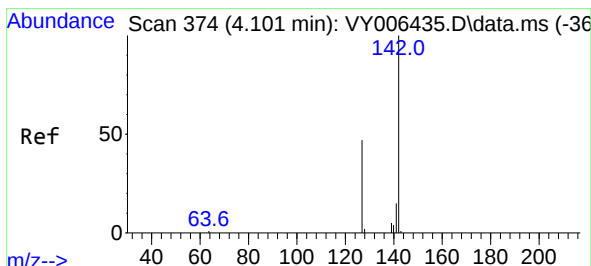
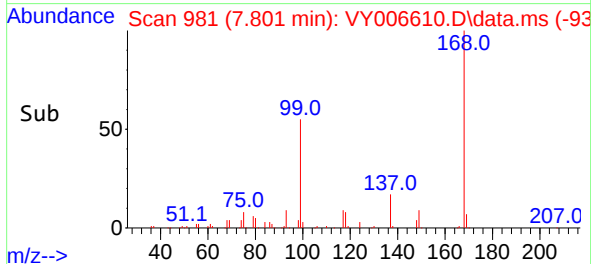
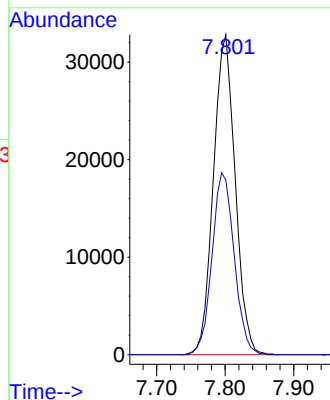
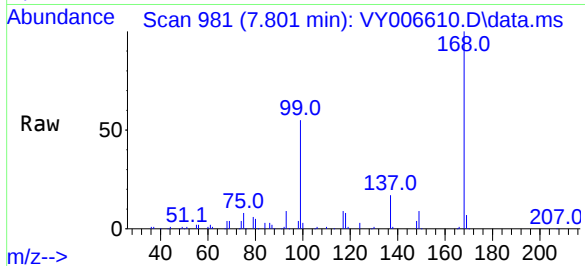




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY006610.D
Acq: 03 Nov 2021 18:41

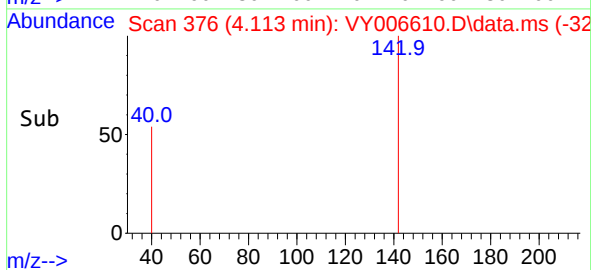
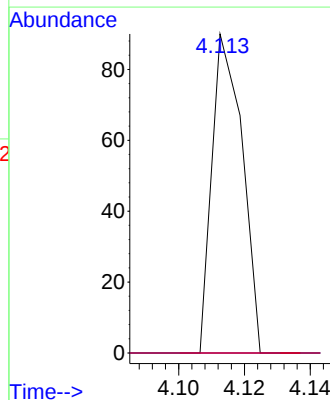
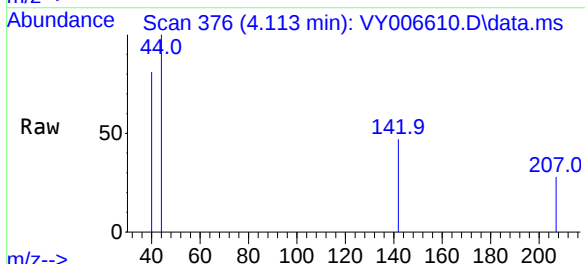
Instrument :
MSVOA_Y
ClientSampleId :
WC-2-KD

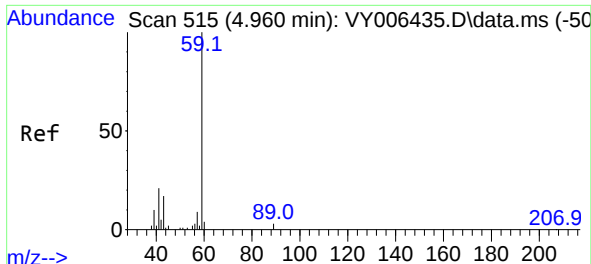
Tgt Ion:168 Resp: 72382
Ion Ratio Lower Upper
168 100
99 54.6 44.8 67.2



#10
Methyl Iodide
Concen: 5.132 ug/l
RT: 4.113 min Scan# 376
Delta R.T. 0.012 min
Lab File: VY006610.D
Acq: 03 Nov 2021 18:41

Tgt Ion:142 Resp: 57
Ion Ratio Lower Upper
142 100
127 0.0 40.1 60.1#
141 0.0 12.5 18.7#

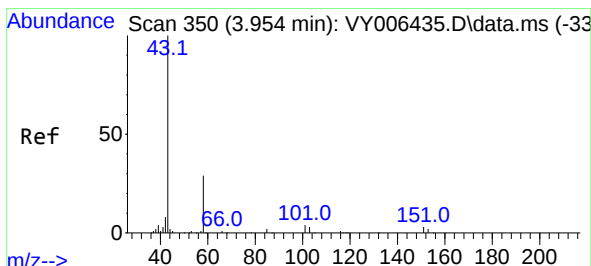
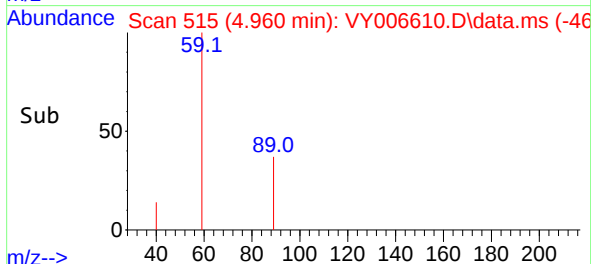
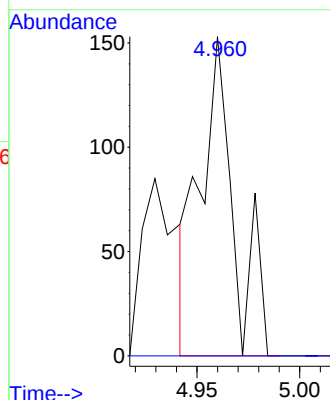
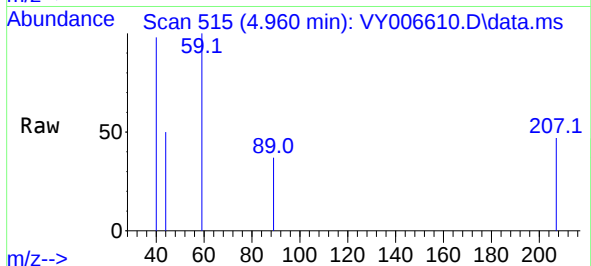




#11
Tert butyl alcohol
Concen: 2.138 ug/l
RT: 4.960 min Scan# 515
Delta R.T. -0.000 min
Lab File: VY006610.D
Acq: 03 Nov 2021 18:41

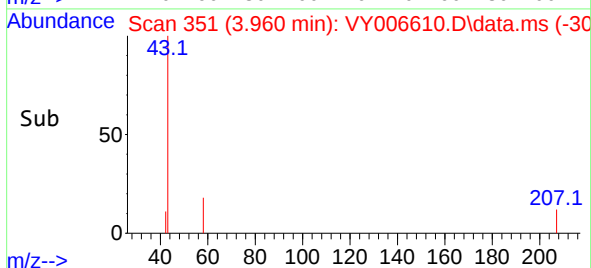
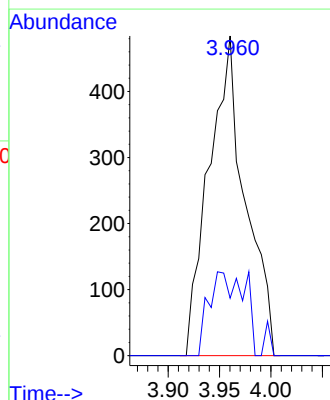
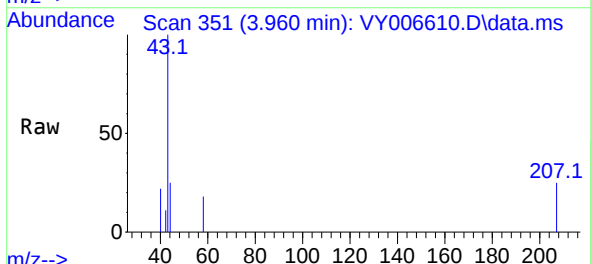
Instrument :
MSVOA_Y
ClientSampleId :
WC-2-KD

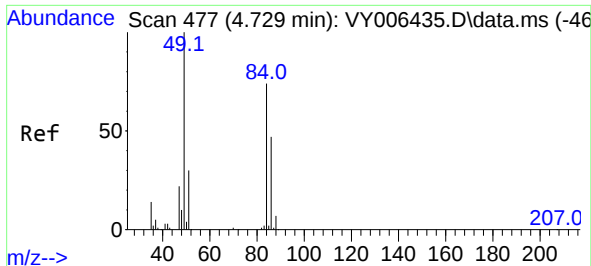
Tgt Ion: 59 Resp: 173
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#



#16
Acetone
Concen: 4.632 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY006610.D
Acq: 03 Nov 2021 18:41

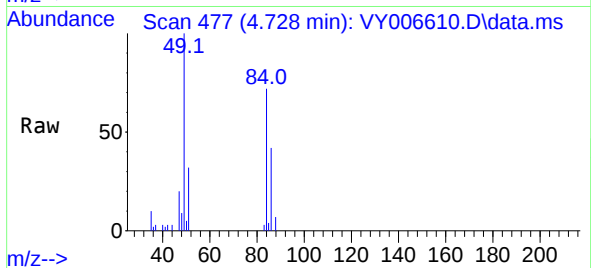
Tgt Ion: 43 Resp: 1188
Ion Ratio Lower Upper
43 100
58 18.0 22.9 34.3#





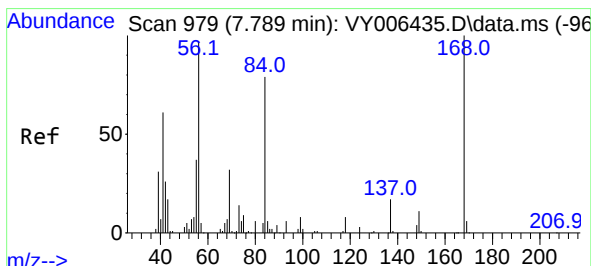
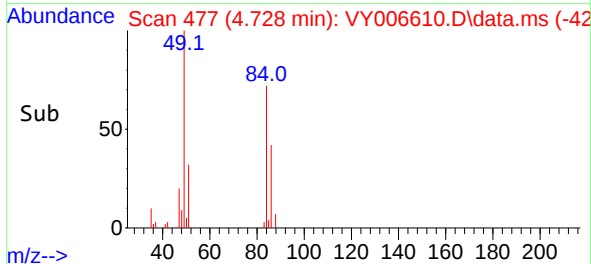
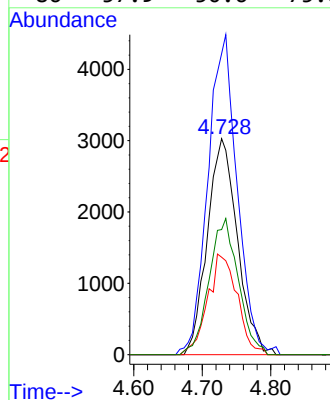
#20
Methylene Chloride
Concen: 8.259 ug/l
RT: 4.728 min Scan# 41
Delta R.T. -0.001 min
Lab File: VY006610.D
Acq: 03 Nov 2021 18:41

Instrument :
MSVOA_Y
ClientSampleId :
WC-2-KD



Tgt Ion: 84 Resp: 9253

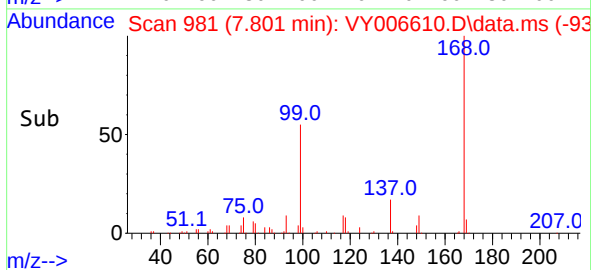
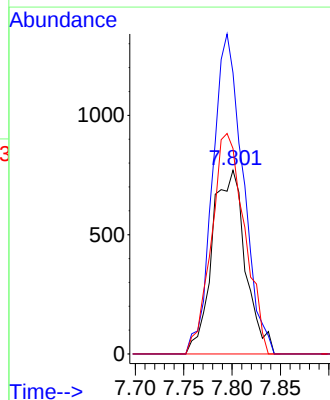
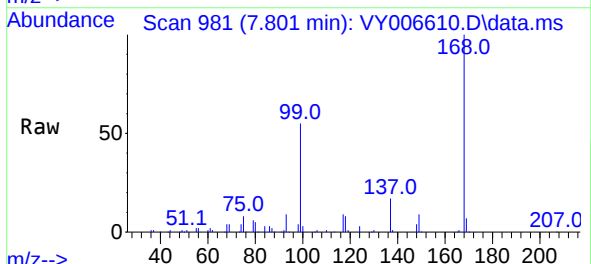
Ion	Ratio	Lower	Upper
84	100		
49	139.4	107.8	161.8
51	45.1	32.8	49.2
86	57.9	50.6	75.8

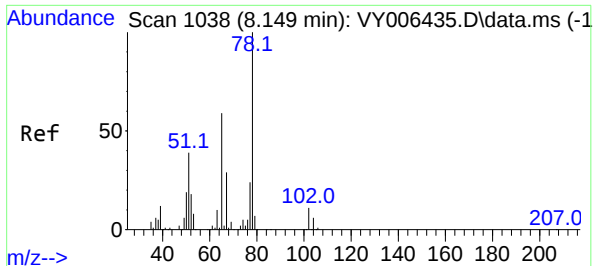


#31
Cyclohexane
Concen: 1.270 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY006610.D
Acq: 03 Nov 2021 18:41

Tgt Ion: 56 Resp: 1832

Ion	Ratio	Lower	Upper
56	100		
69	153.0	26.6	40.0#
84	111.8	65.0	97.4#





#33

1,2-Dichloroethane-d4

Concen: 58.410 ug/l

RT: 8.148 min Scan# 1103

Delta R.T. -0.000 min

Lab File: VY006610.D

Acq: 03 Nov 2021 18:41

Instrument :

MSVOA_Y

ClientSampleId :

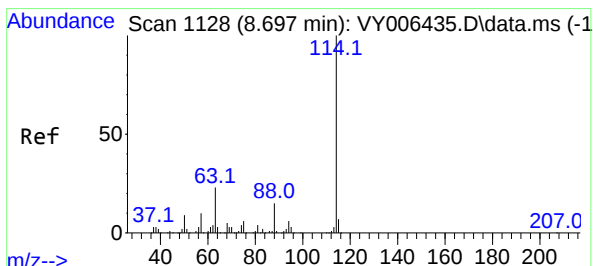
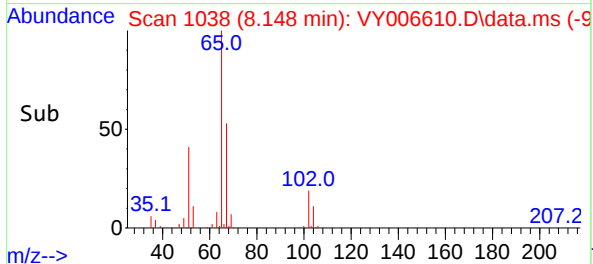
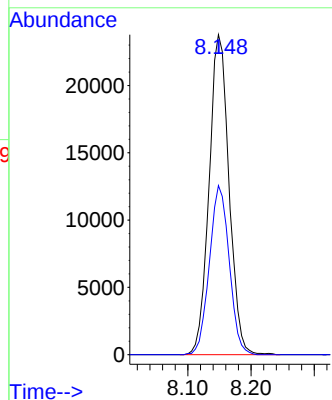
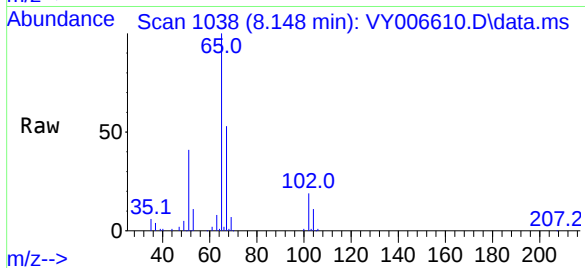
WC-2-KD

Tgt Ion: 65 Resp: 52026

Ion Ratio Lower Upper

65 100

67 52.5 0.0 98.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VY006610.D

Acq: 03 Nov 2021 18:41

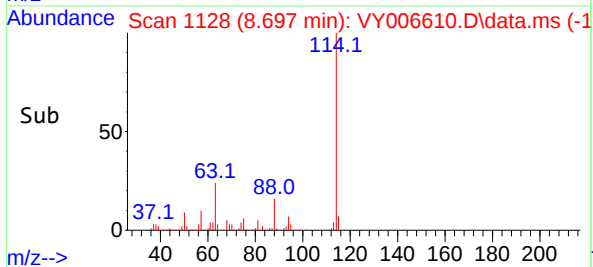
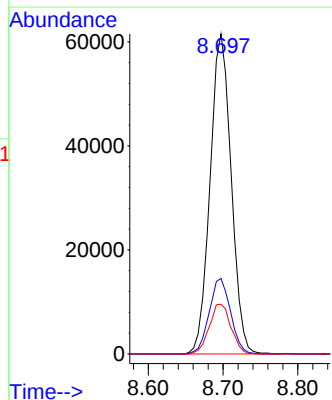
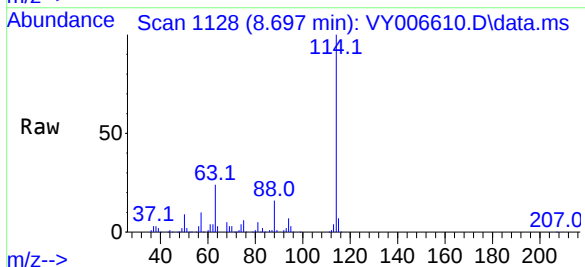
Tgt Ion: 114 Resp: 120496

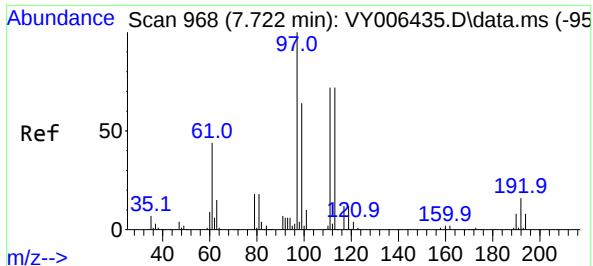
Ion Ratio Lower Upper

114 100

63 23.6 0.0 45.0

88 15.5 0.0 30.6

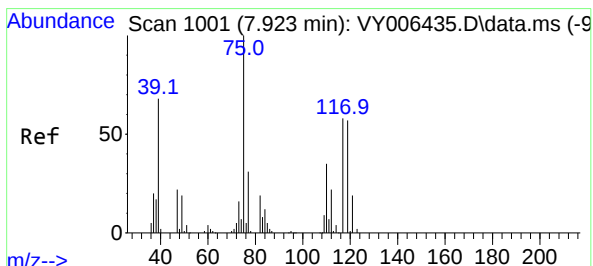
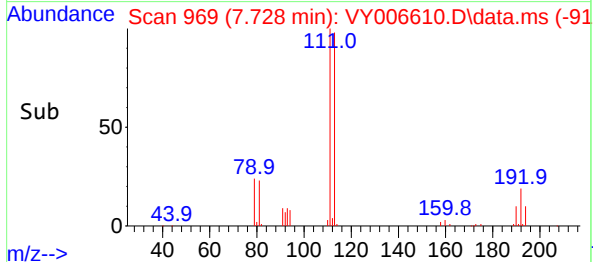
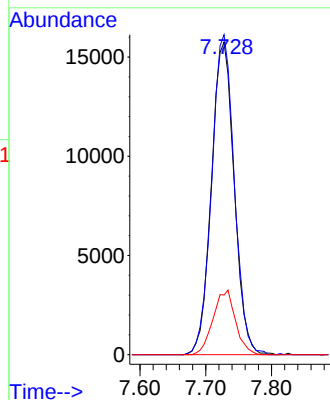
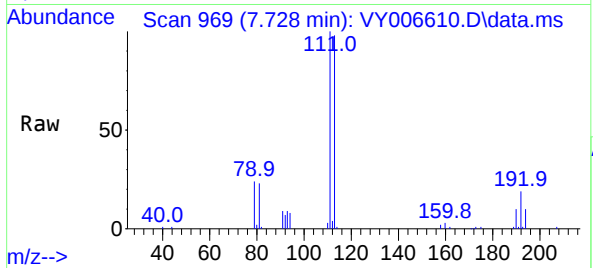




#35
Dibromofluoromethane
Concen: 56.430 ug/l
RT: 7.728 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY006610.D
Acq: 03 Nov 2021 18:41

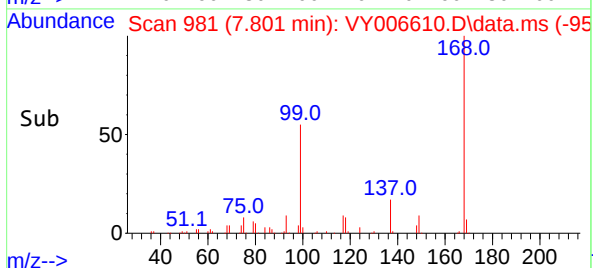
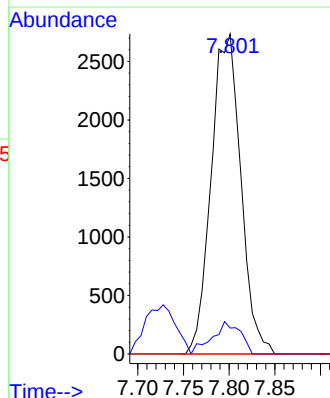
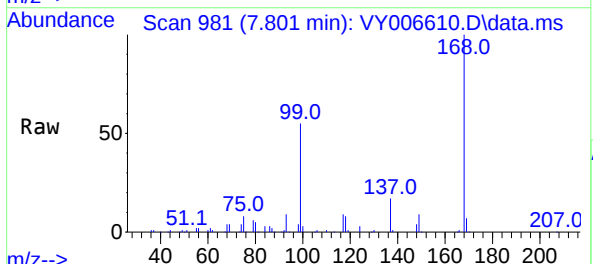
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ClientSampleId :
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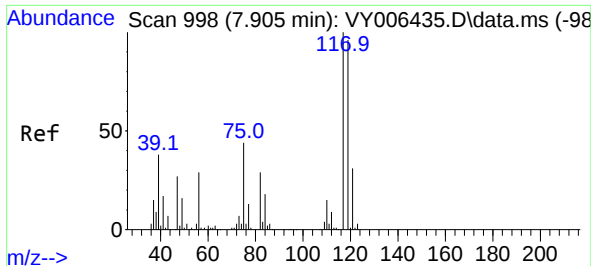
Tgt Ion:113 Resp: 37899
Ion Ratio Lower Upper
113 100
111 101.6 82.3 123.5
192 20.3 17.4 26.2



#36
1,1-Dichloropropene
Concen: 5.171 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.122 min
Lab File: VY006610.D
Acq: 03 Nov 2021 18:41

Tgt Ion: 75 Resp: 6156
Ion Ratio Lower Upper
75 100
110 9.5 17.1 51.3#
77 0.0 24.9 37.3#

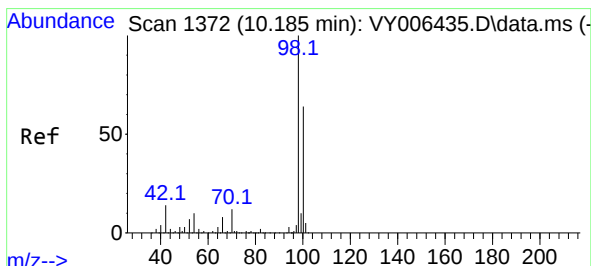
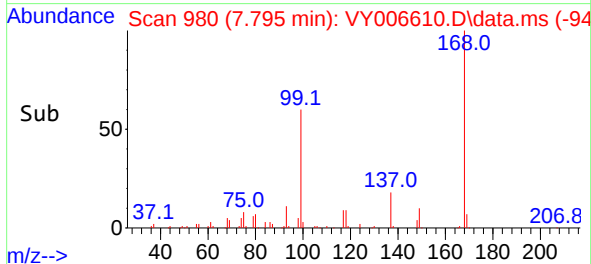
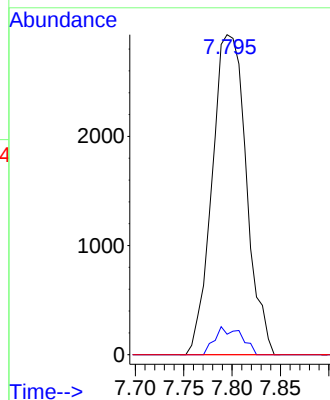
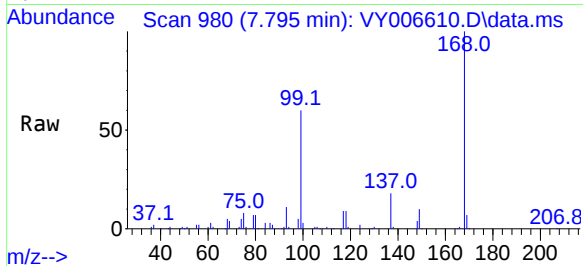




#38
Carbon Tetrachloride
Concen: 5.481 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY006610.D
Acq: 03 Nov 2021 18:41

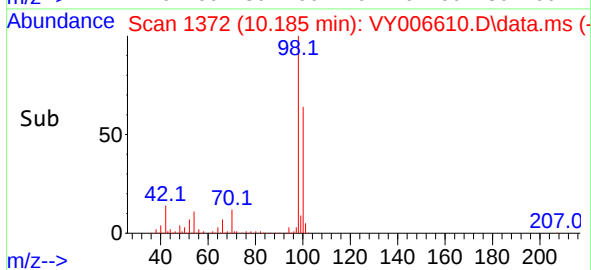
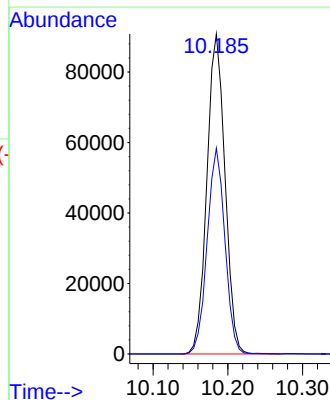
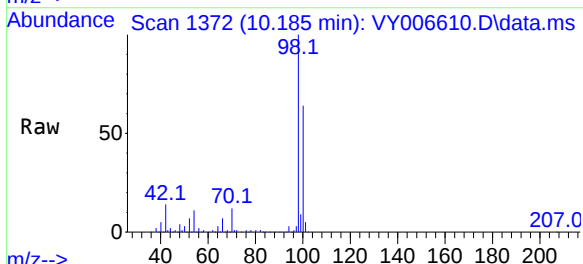
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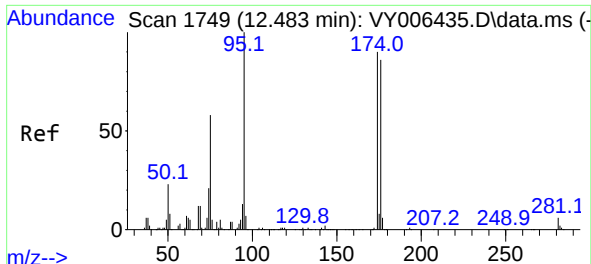
Tgt Ion:117 Resp: 7199
Ion Ratio Lower Upper
117 100
119 6.4 76.6 115.0#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 53.632 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY006610.D
Acq: 03 Nov 2021 18:41

Tgt Ion: 98 Resp: 152693
Ion Ratio Lower Upper
98 100
100 63.0 50.9 76.3

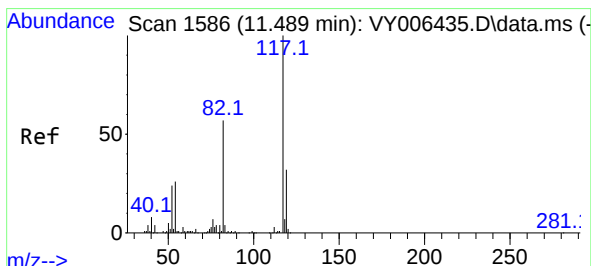
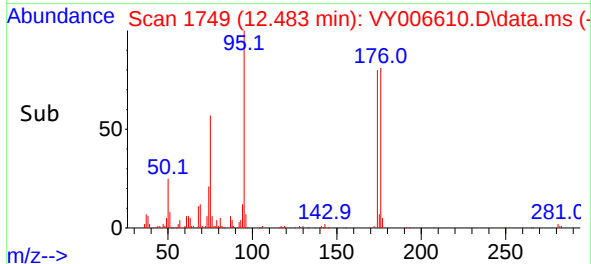
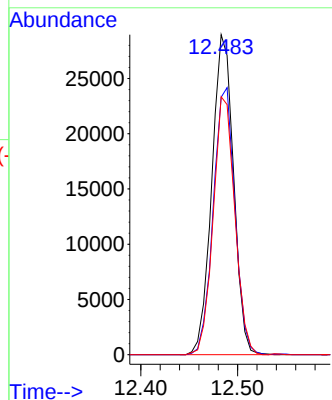
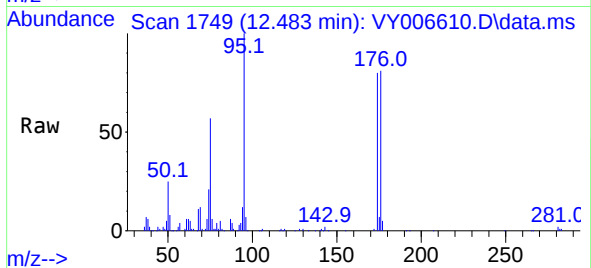




#62
4-Bromofluorobenzene
Concen: 46.974 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY006610.D
Acq: 03 Nov 2021 18:41

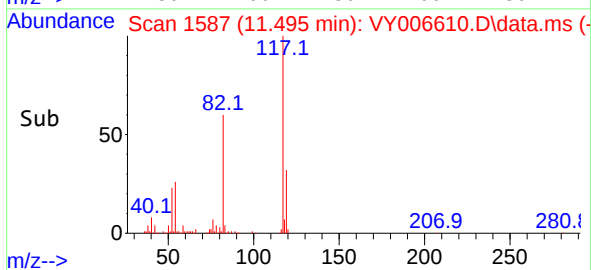
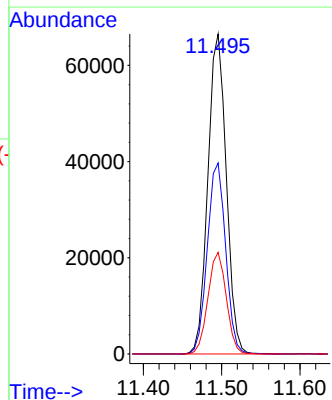
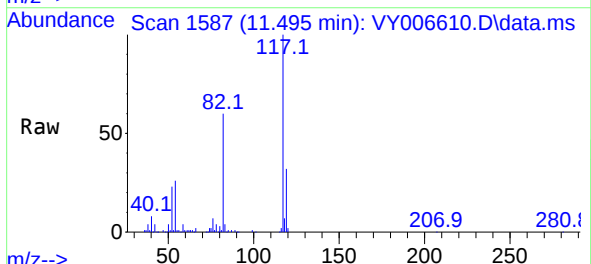
Instrument :
MSVOA_Y
ClientSampleId :
WC-2-KD

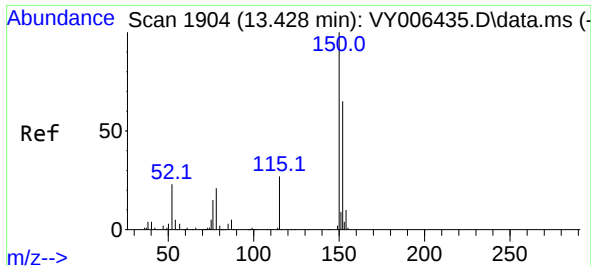
Tgt Ion: 95 Resp: 45051
Ion Ratio Lower Upper
95 100
174 83.3 0.0 177.0
176 80.2 0.0 169.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY006610.D
Acq: 03 Nov 2021 18:41

Tgt Ion: 117 Resp: 108434
Ion Ratio Lower Upper
117 100
82 59.6 45.7 68.5
119 31.7 25.5 38.3

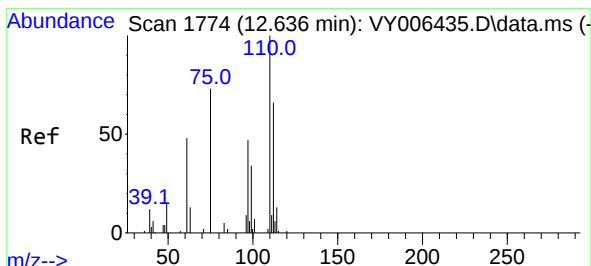
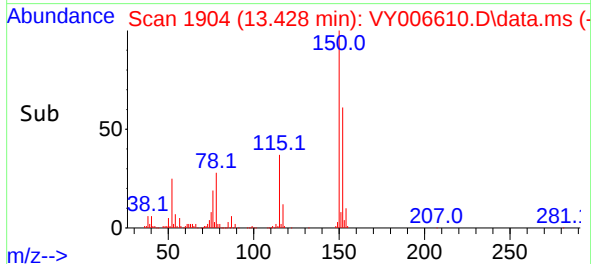
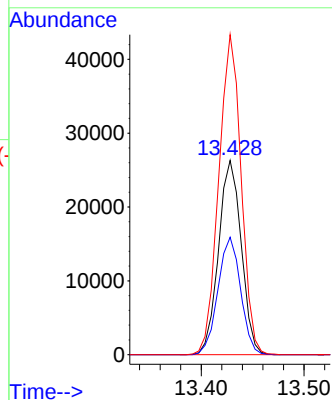
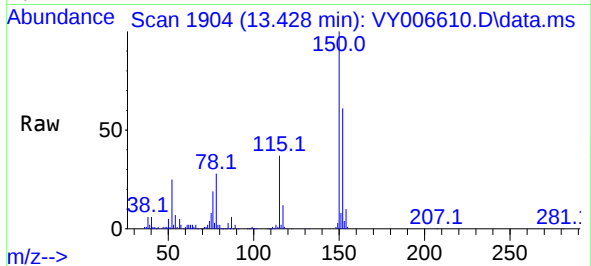




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY006610.D
Acq: 03 Nov 2021 18:41

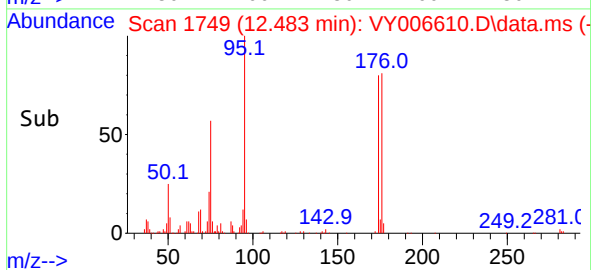
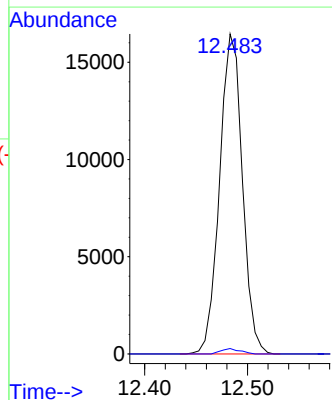
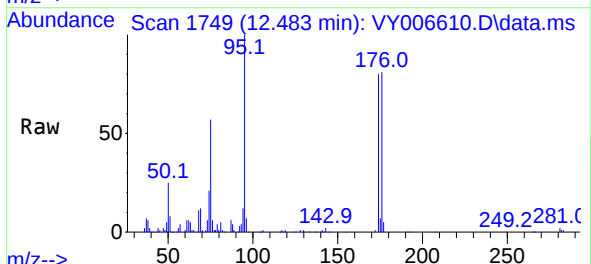
Instrument :
MSVOA_Y
ClientSampleId :
WC-2-KD

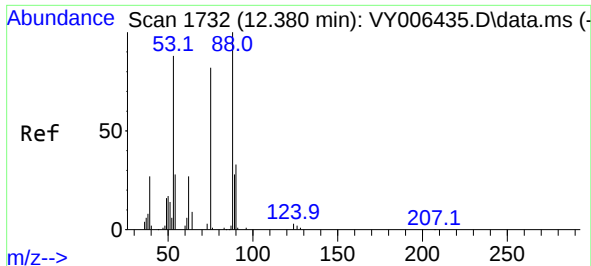
Tgt Ion:152 Resp: 40363
Ion Ratio Lower Upper
152 100
115 60.3 28.5 85.5
150 162.1 0.0 348.2



#76
1,2,3-Trichloropropane
Concen: 60.830 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY006610.D
Acq: 03 Nov 2021 18:41

Tgt Ion: 75 Resp: 25301
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 124.882 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.103 min
Lab File: VY006610.D
Acq: 03 Nov 2021 18:41

Instrument :
MSVOA_Y
ClientSampleId :
WC-2-KD

Tgt Ion: 75 Resp: 25301
Ion Ratio Lower Upper
75 100
53 0.2 85.8 128.6#
89 0.2 39.3 58.9#

