

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060421\
 Data File : VY004971.D
 Acq On : 04 Jun 2021 17:50
 Operator : SY/MD
 Sample : M2613-10
 Misc : 9.43G/5ML/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 18-B12(122-126)

Quant Time: Jun 05 01:35:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 03 04:43:33 2021
 Response via : Initial Calibration

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

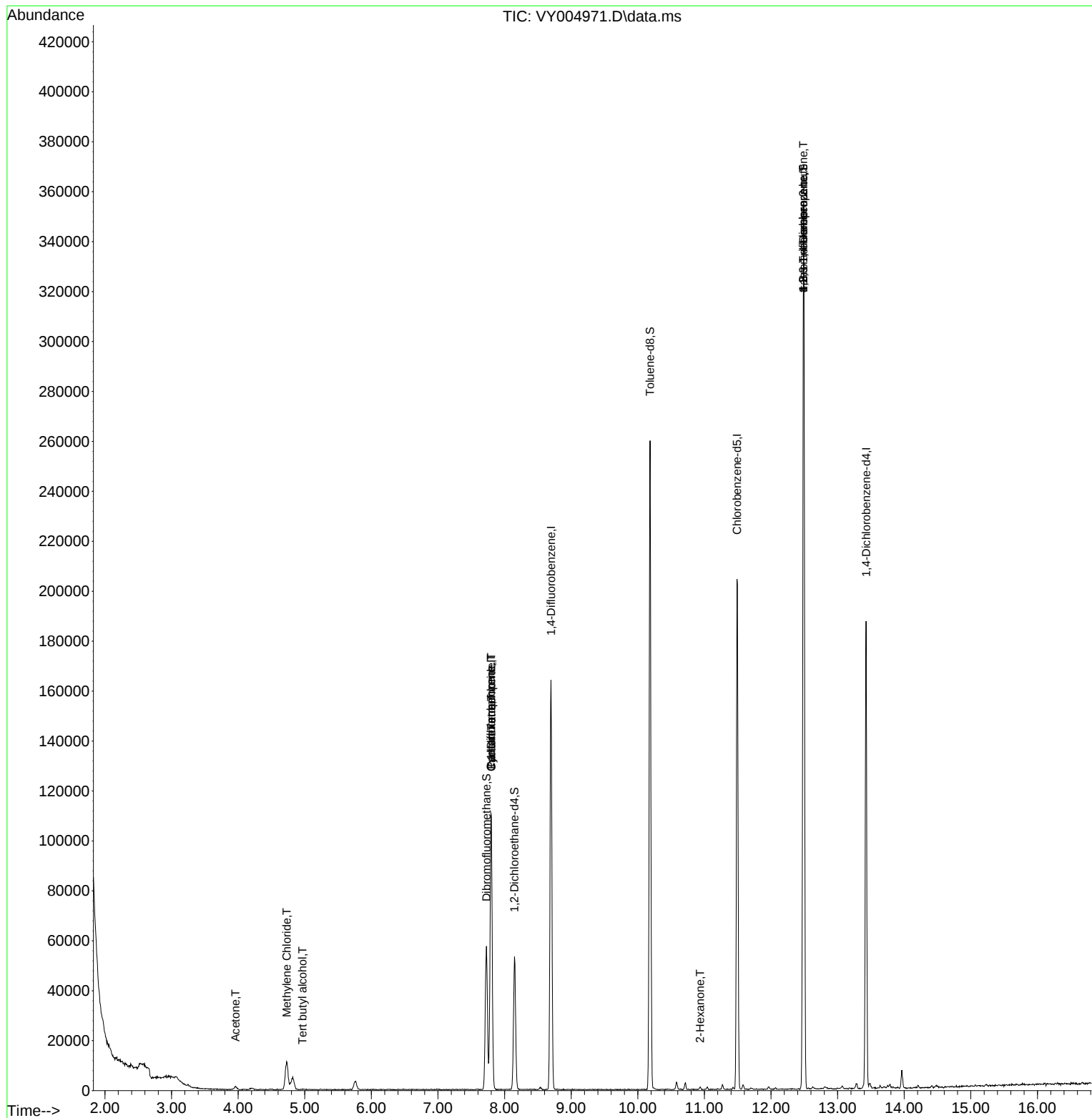
Internal Standards						
1) Pentafluorobenzene	7.795	168	83103	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	135502	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	110149	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	45600	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	39649	45.130	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.260%
35) Dibromofluoromethane	7.728	113	40413	55.435	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.860%
50) Toluene-d8	10.185	98	162794	53.768	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.540%
62) 4-Bromofluorobenzene	12.483	95	44356	42.598	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	85.200%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.966	59	247	2.445	ug/l #	74
16) Acetone	3.960	43	2054	9.712	ug/l	89
20) Methylene Chloride	4.728	84	8018	2.211	ug/l	93
31) Cyclohexane	7.801	56	1796	1.161	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	7136	5.381	ug/l #	50
38) Carbon Tetrachloride	7.801	117	8686	7.526	ug/l #	16
59) 2-Hexanone	10.935	43	615	1.108	ug/l #	25
76) 1,2,3-Trichloropropane	12.483	75	25395	50.804	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	25395	93.366	ug/l #	17

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

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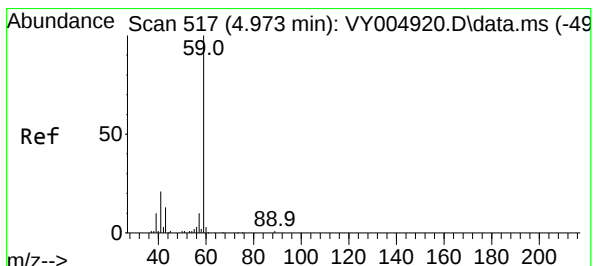
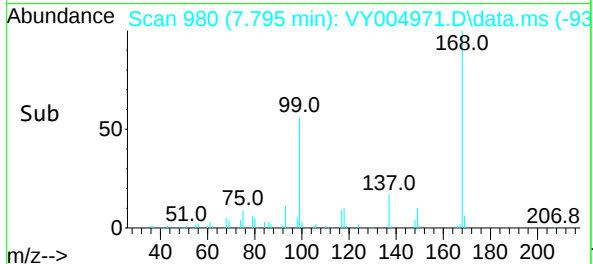
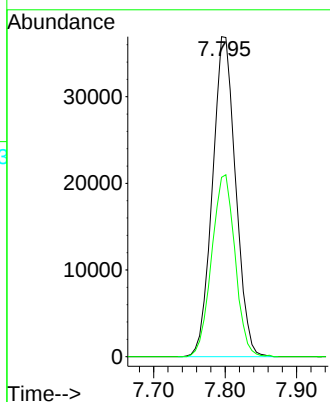
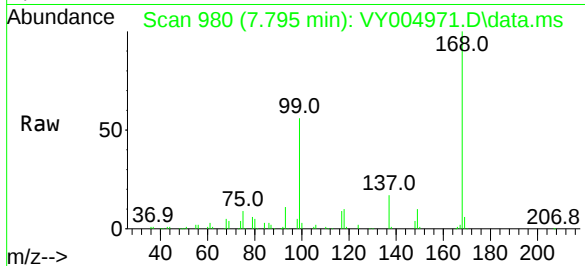




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.006 min
Lab File: VY004971.D
Acq: 04 Jun 2021 17:50

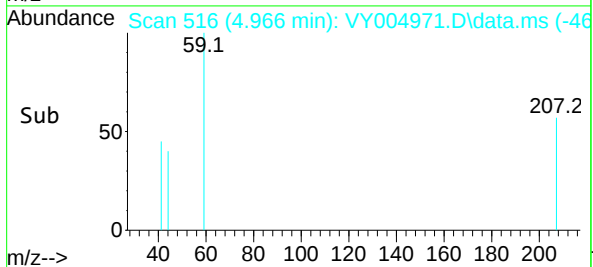
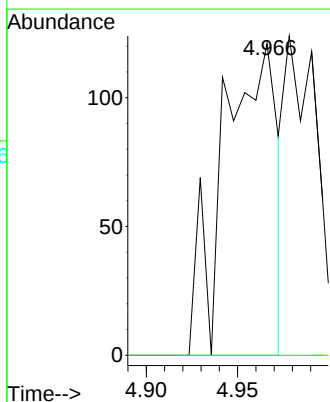
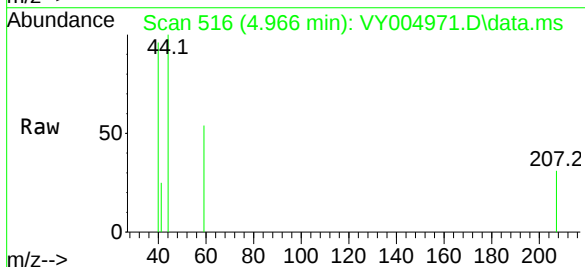
Instrument :
MSVOA_Y
ClientSampleId :
18-B12(122-126)

Tgt Ion:168 Resp: 83103
Ion Ratio Lower Upper
168 100
99 56.0 43.9 65.9



#11
Tert butyl alcohol
Concen: 2.445 ug/l
RT: 4.966 min Scan# 516
Delta R.T. -0.007 min
Lab File: VY004971.D
Acq: 04 Jun 2021 17:50

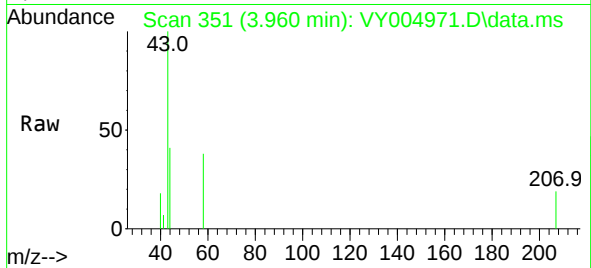
Tgt Ion: 59 Resp: 247
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#



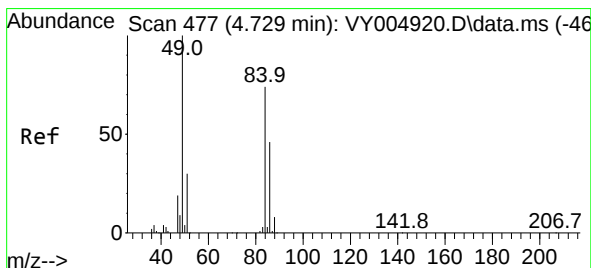
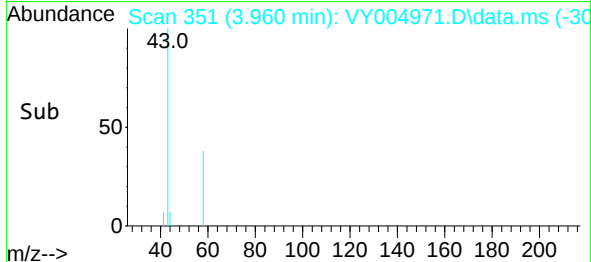
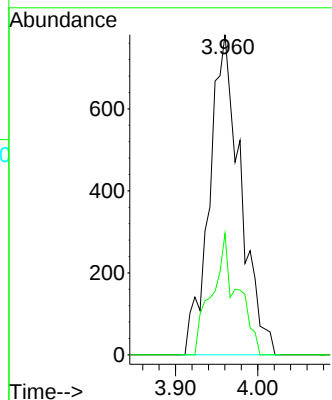


#16
Acetone
Concen: 9.712 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY004971.D
Acq: 04 Jun 2021 17:50

Instrument :
MSVOA_Y
ClientSampleId :
18-B12(122-126)

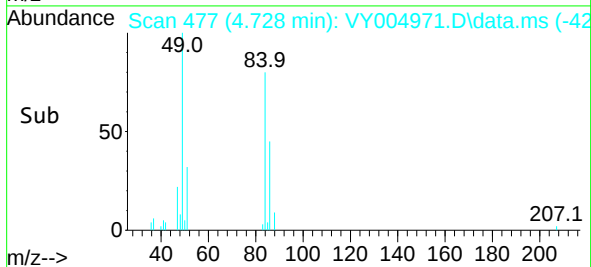
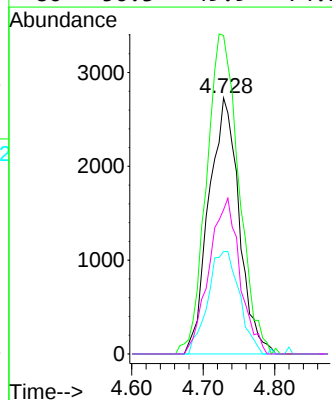
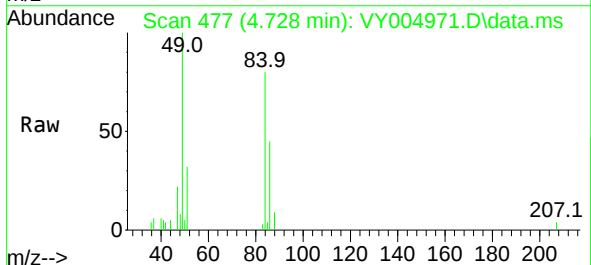


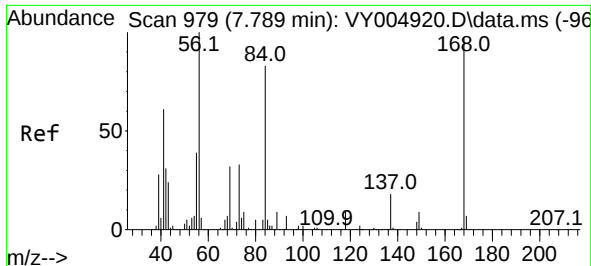
Tgt Ion: 43 Resp: 2054
Ion Ratio Lower Upper
43 100
58 37.9 25.3 37.9



#20
Methylene Chloride
Concen: 2.211 ug/l
RT: 4.728 min Scan# 477
Delta R.T. -0.001 min
Lab File: VY004971.D
Acq: 04 Jun 2021 17:50

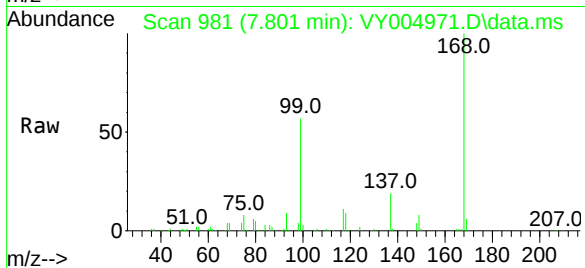
Tgt Ion: 84 Resp: 8018
Ion Ratio Lower Upper
84 100
49 124.4 108.0 162.0
51 40.0 32.6 48.8
86 56.3 49.9 74.9



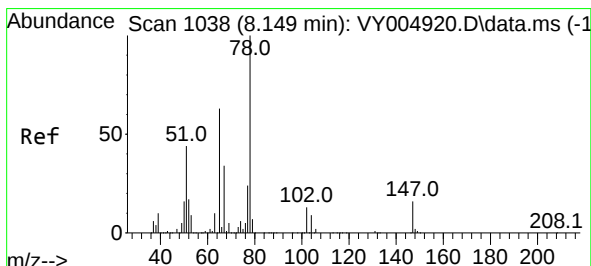
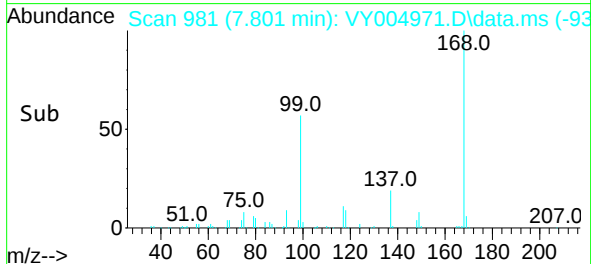
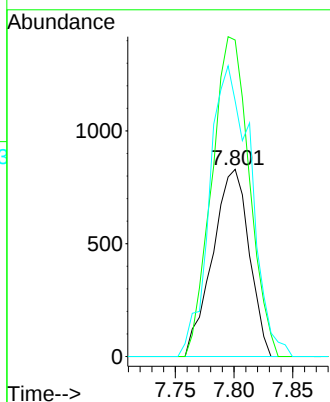


#31
Cyclohexane
Concen: 1.161 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.012 min
Lab File: VY004971.D
Acq: 04 Jun 2021 17:50

Instrument :
MSVOA_Y
ClientSampleId :
18-B12(122-126)

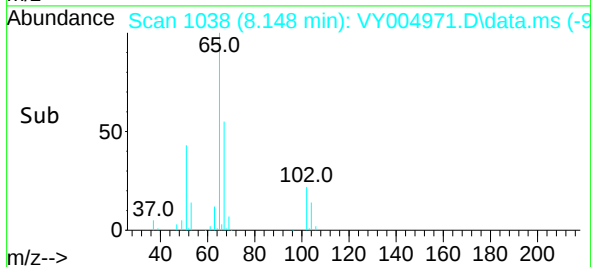
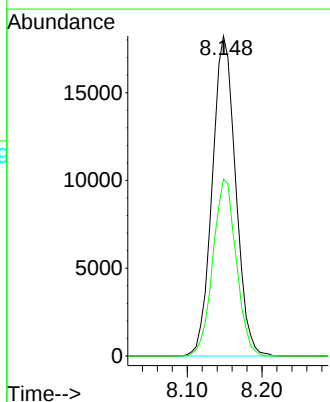
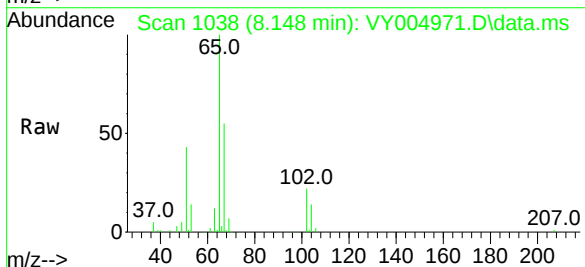


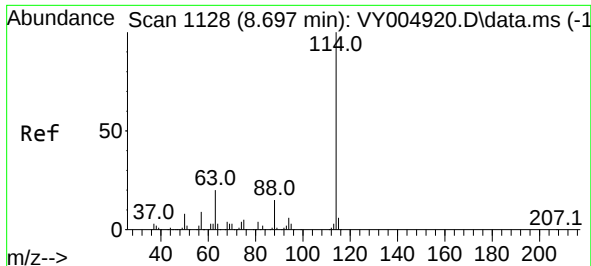
Tgt Ion: 56 Resp: 1796
Ion Ratio Lower Upper
56 100
69 169.0 25.3 37.9#
84 136.5 66.2 99.4#



#33
1,2-Dichloroethane-d4
Concen: 45.130 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY004971.D
Acq: 04 Jun 2021 17:50

Tgt Ion: 65 Resp: 39649
Ion Ratio Lower Upper
65 100
67 55.1 0.0 110.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VY004971.D

Acq: 04 Jun 2021 17:50

Tgt Ion:114 Resp: 135502

Ion Ratio Lower Upper

114 100

63 20.7 0.0 41.0

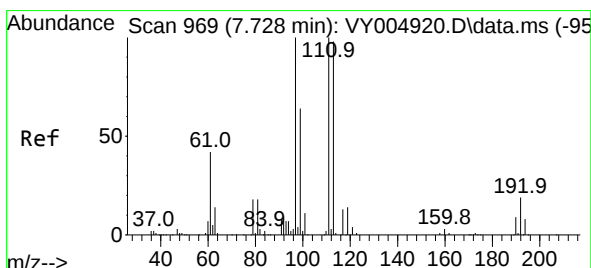
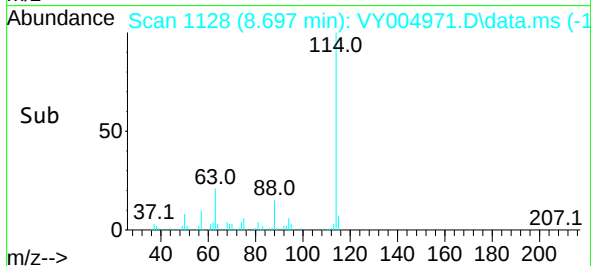
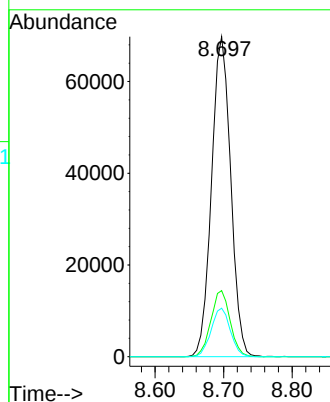
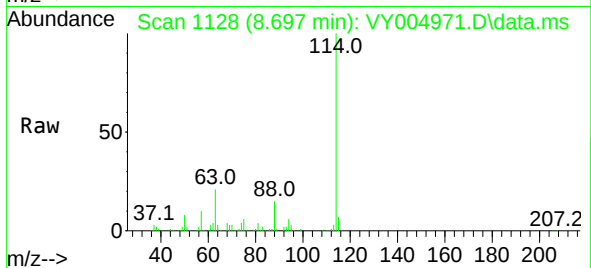
88 15.2 0.0 30.6

Instrument :

MSVOA_Y

ClientSampleId :

18-B12(122-126)



#35

Dibromofluoromethane

Concen: 55.435 ug/l

RT: 7.728 min Scan# 969

Delta R.T. -0.000 min

Lab File: VY004971.D

Acq: 04 Jun 2021 17:50

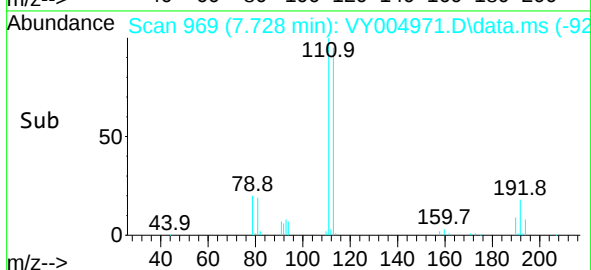
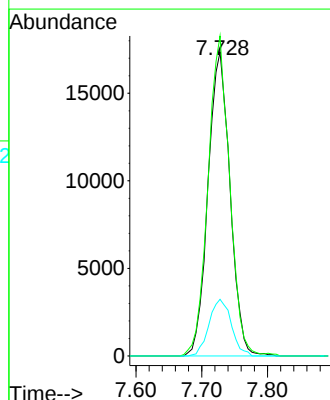
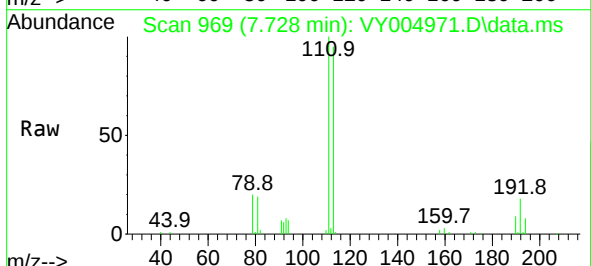
Tgt Ion:113 Resp: 40413

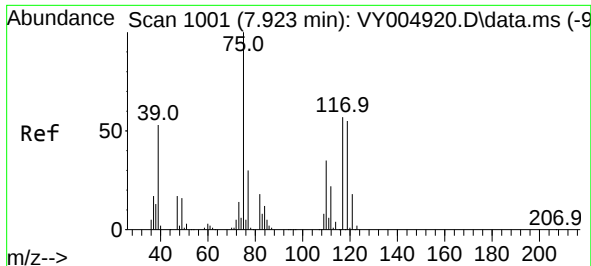
Ion Ratio Lower Upper

113 100

111 103.5 81.8 122.8

192 18.9 15.3 22.9





#36

1,1-Dichloropropene

Concen: 5.381 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.128 min

Lab File: VY004971.D

Acq: 04 Jun 2021 17:50

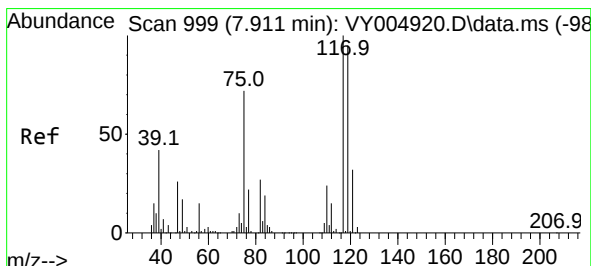
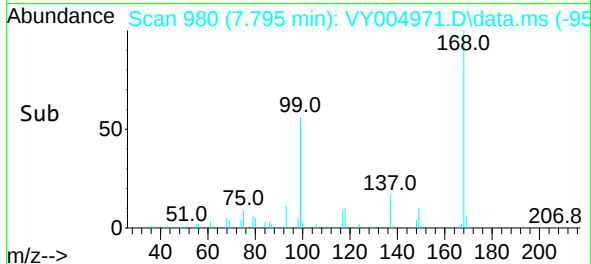
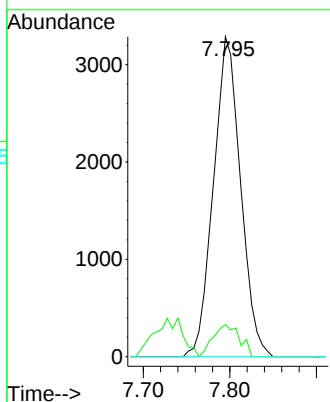
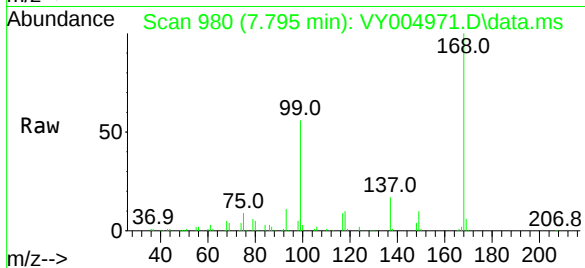
Instrument :

MSVOA_Y

ClientSampleId :

18-B12(122-126)

Tgt Ion:	75	Resp:	7136
Ion	Ratio	Lower	Upper
75	100		
110	9.8	17.5	52.5#
77	0.0	25.1	37.7#



#38

Carbon Tetrachloride

Concen: 7.526 ug/l

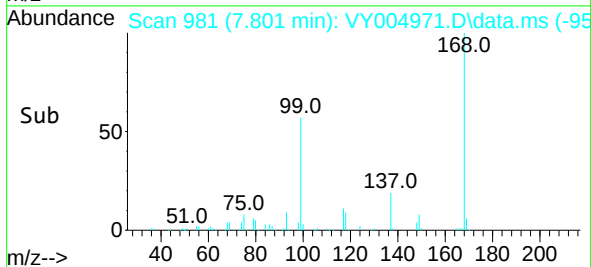
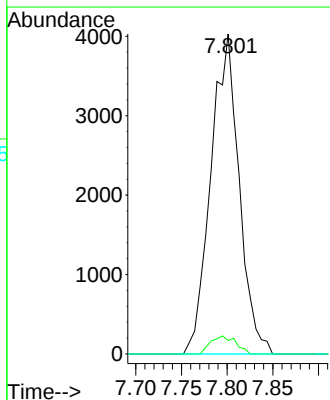
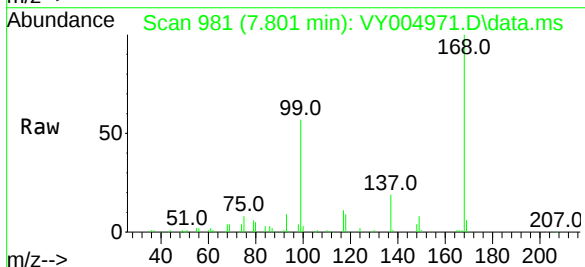
RT: 7.801 min Scan# 981

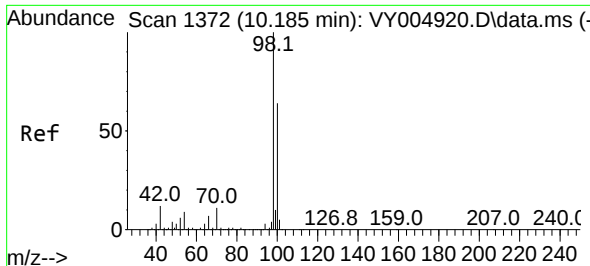
Delta R.T. -0.110 min

Lab File: VY004971.D

Acq: 04 Jun 2021 17:50

Tgt Ion:	117	Resp:	8686
Ion	Ratio	Lower	Upper
117	100		
119	4.2	76.1	114.1#
121	0.0	25.5	38.3#

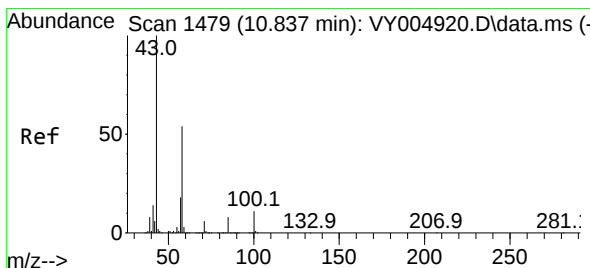
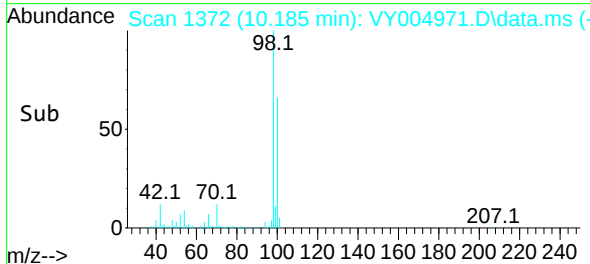
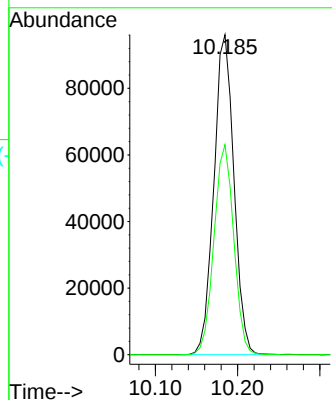
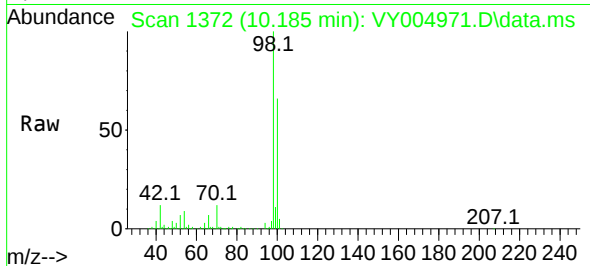




#50
Toluene-d8
Concen: 53.768 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004971.D
Acq: 04 Jun 2021 17:50

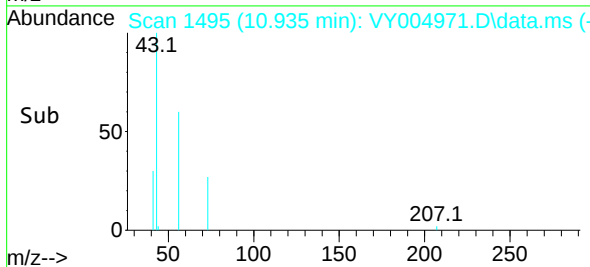
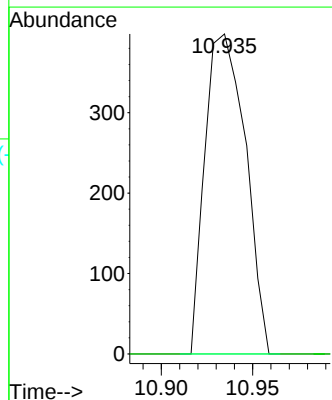
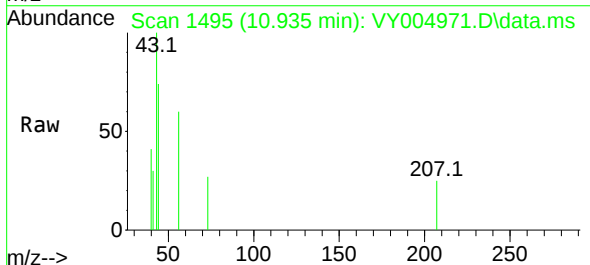
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MSVOA_Y
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18-B12(122-126)

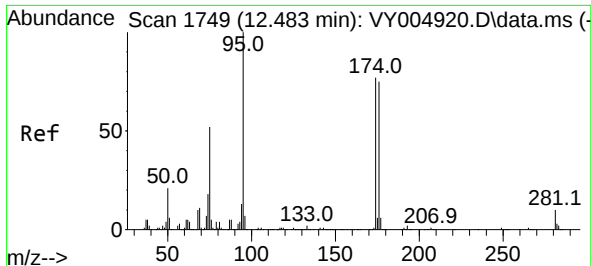
Tgt Ion: 98 Resp: 162794
Ion Ratio Lower Upper
98 100
100 64.8 51.8 77.6



#59
2-Hexanone
Concen: 1.108 ug/l
RT: 10.935 min Scan# 1495
Delta R.T. 0.097 min
Lab File: VY004971.D
Acq: 04 Jun 2021 17:50

Tgt Ion: 43 Resp: 615
Ion Ratio Lower Upper
43 100
58 0.0 27.0 80.8#

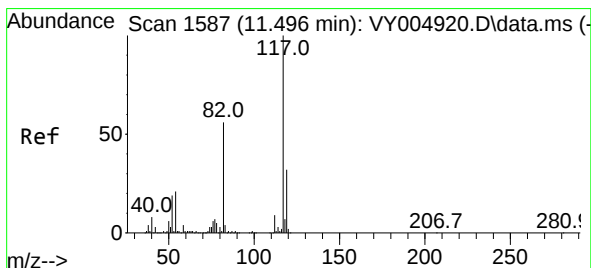
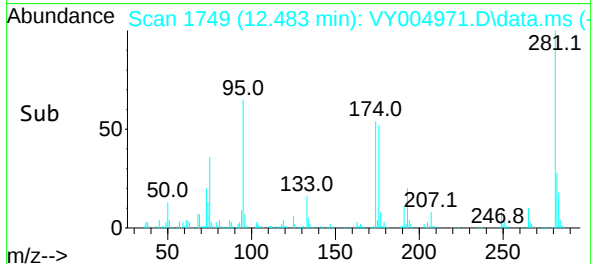
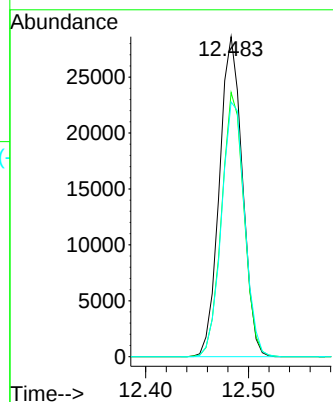
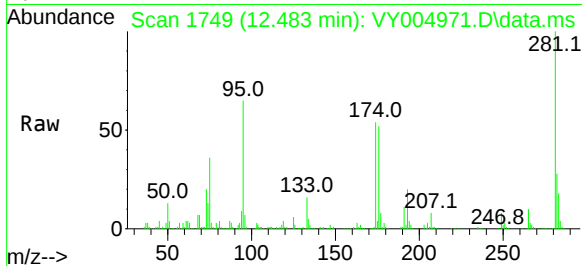




#62
4-Bromofluorobenzene
Concen: 42.598 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004971.D
Acq: 04 Jun 2021 17:50

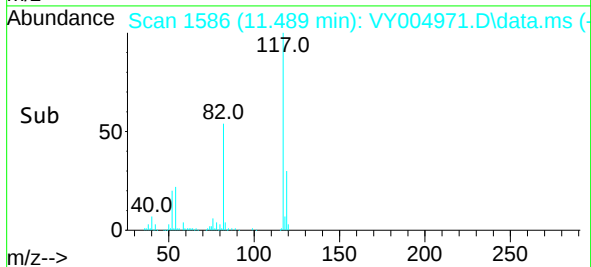
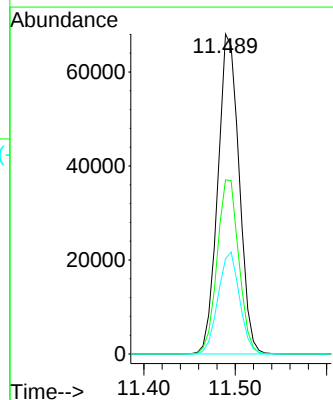
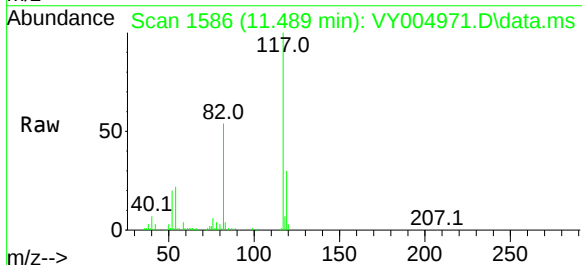
Instrument :
MSVOA_Y
ClientSampleId :
18-B12(122-126)

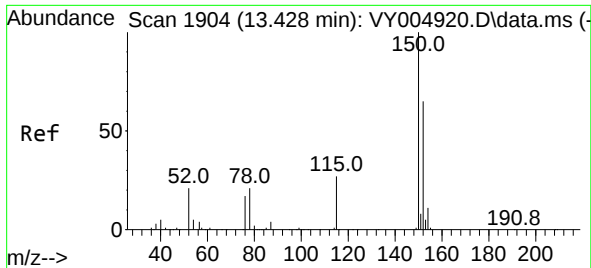
Tgt Ion:	95	Resp:	44356
Ion Ratio	100	Lower	Upper
174	80.4	0.0	160.8
176	80.5	0.0	155.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY004971.D
Acq: 04 Jun 2021 17:50

Tgt Ion:	117	Resp:	110149
Ion Ratio	100	Lower	Upper
82	54.4	44.8	67.2
119	29.7	25.2	37.8

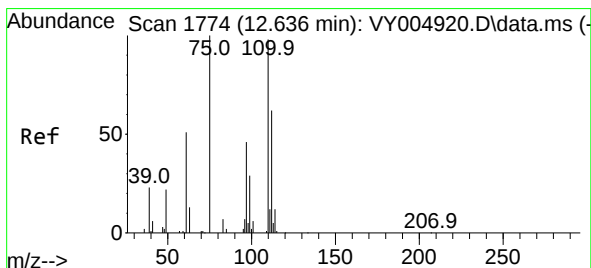
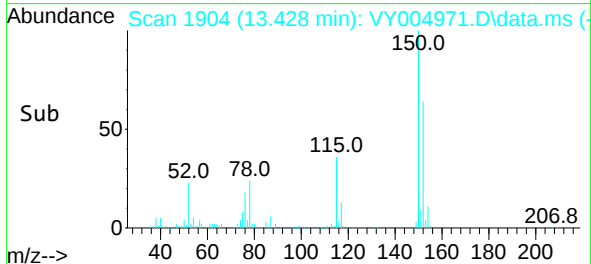
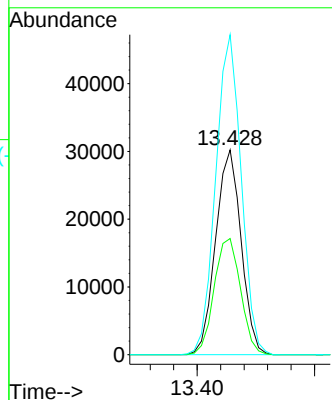
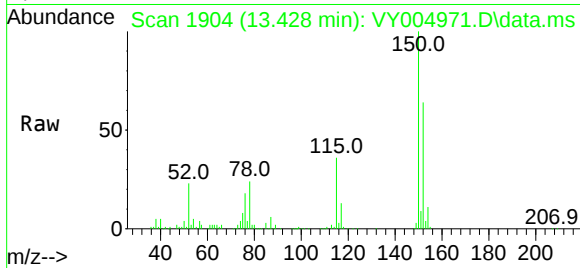




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY004971.D
 Acq: 04 Jun 2021 17:50

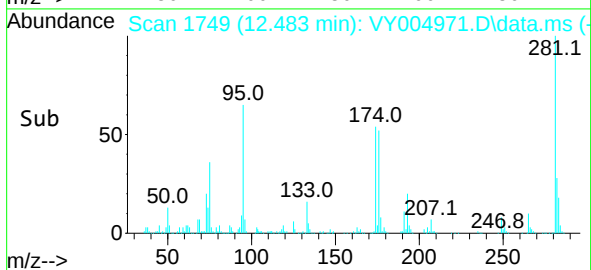
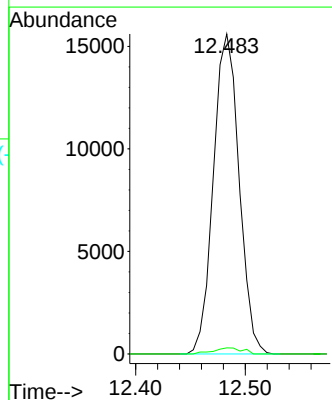
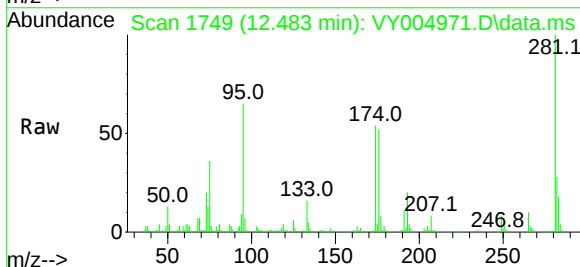
Instrument :
 MSVOA_Y
 ClientSampleId :
 18-B12(122-126)

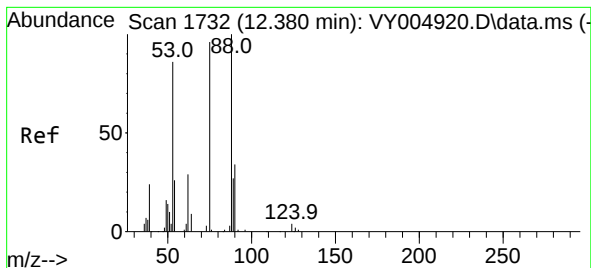
Tgt Ion:152 Resp: 45600
 Ion Ratio Lower Upper
 152 100
 115 58.7 29.9 89.7
 150 156.2 0.0 347.8



#76
 1,2,3-Trichloropropane
 Concen: 50.804 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. -0.153 min
 Lab File: VY004971.D
 Acq: 04 Jun 2021 17:50

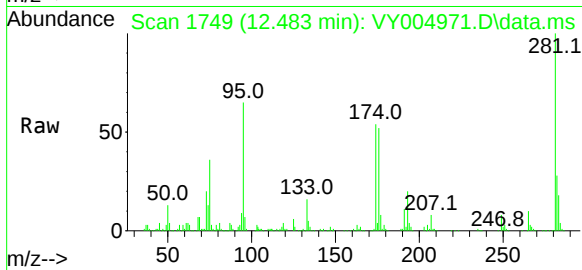
Tgt Ion: 75 Resp: 25395
 Ion Ratio Lower Upper
 75 100
 77 2.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 93.366 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.103 min
 Lab File: VY004971.D
 Acq: 04 Jun 2021 17:50

Instrument :
 MSVOA_Y
 ClientSampleId :
 18-B12(122-126)



Tgt Ion: 75 Resp: 25395
 Ion Ratio Lower Upper
 75 100
 53 0.1 69.3 103.9#
 89 3.9 35.0 52.6#

