

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052721\
 Data File : VY004896.D
 Acq On : 27 May 2021 13:27
 Operator : SY/MD
 Sample : M2518-01RE
 Misc : 3.90G/5ML/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 115

Quant Time: May 27 14:25:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051021S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 11 04:13:44 2021
 Response via : Initial Calibration

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

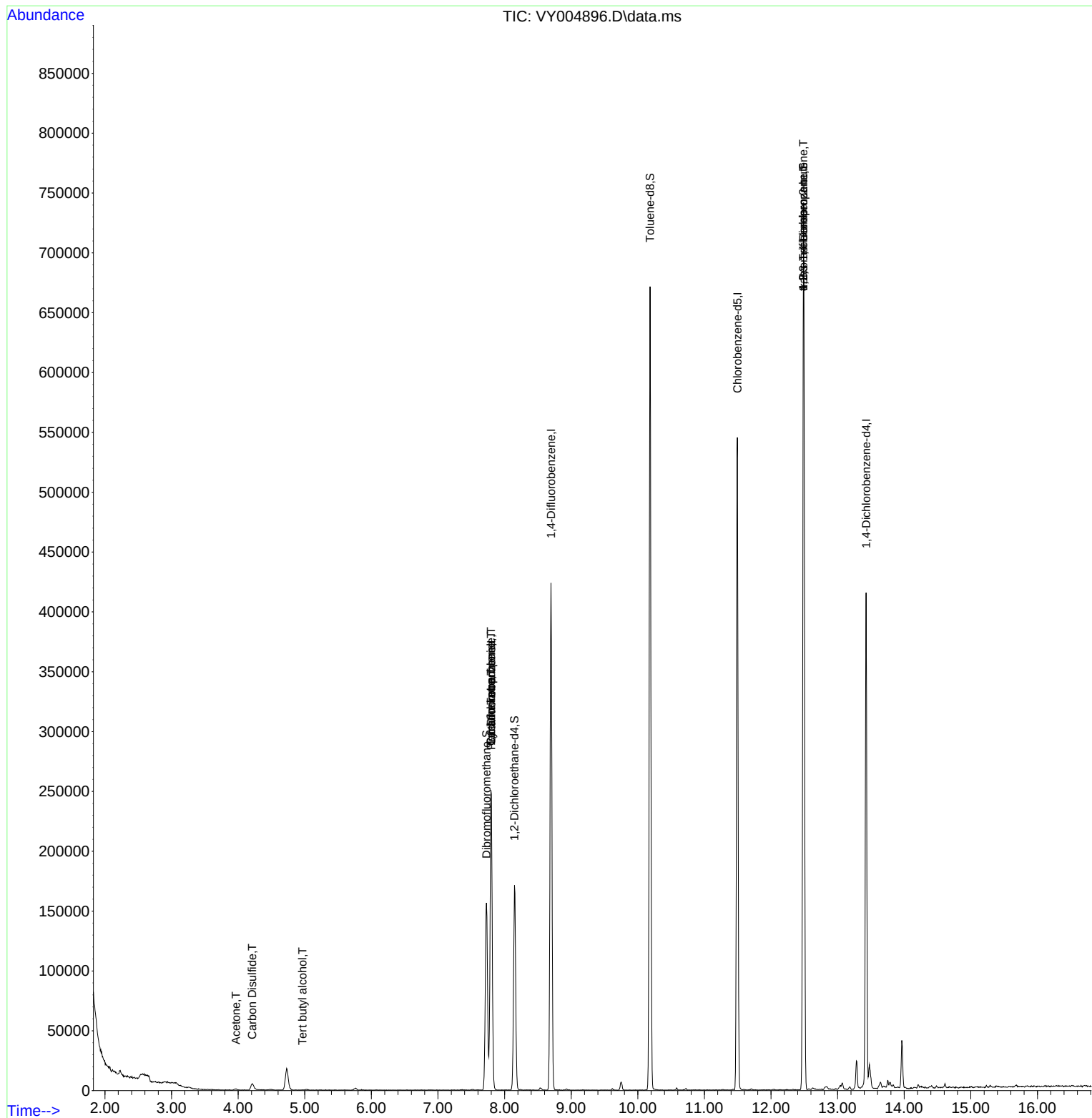
Internal Standards						
1) Pentafluorobenzene	7.801	168	186686	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	345249	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	281985	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	98088	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	131327	59.10	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.20%
35) Dibromofluoromethane	7.728	113	111272	58.87	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	117.74%
50) Toluene-d8	10.185	98	414224	48.51	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.02%
62) 4-Bromofluorobenzene	12.483	95	114812	39.84	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	79.68%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.966	59	318	1.42	ug/l #	71
16) Acetone	3.966	43	1722	3.45	ug/l #	69
17) Carbon Disulfide	4.210	76	7476	1.33	ug/l	99
20) Methylene Chloride	4.728	84	12912	Below	Cal	91
31) Cyclohexane	7.795	56	4240	1.18	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	15587	4.41	ug/l #	50
38) Carbon Tetrachloride	7.795	117	19204	6.04	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	66707	64.03	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	66707	111.02	ug/l #	14

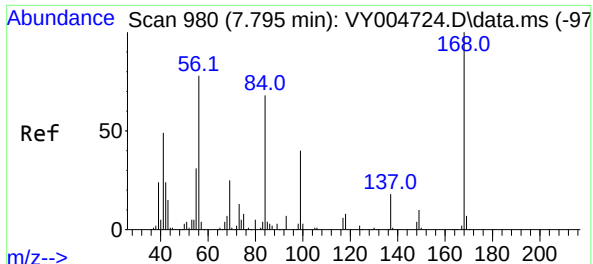
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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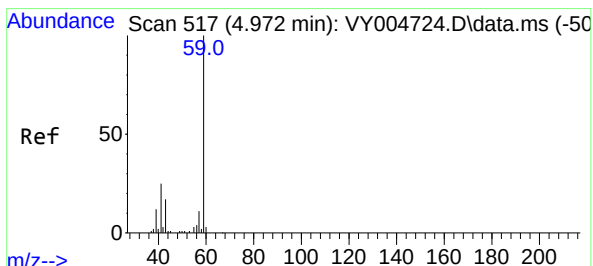
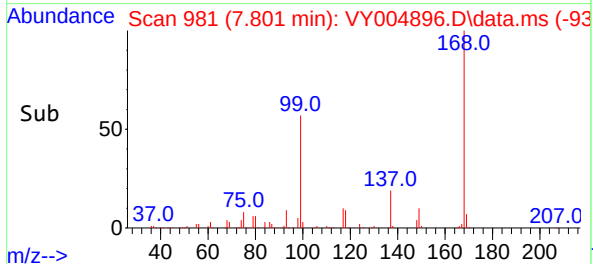
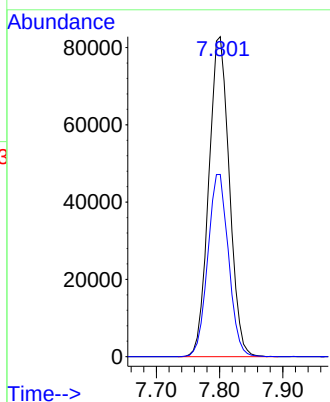
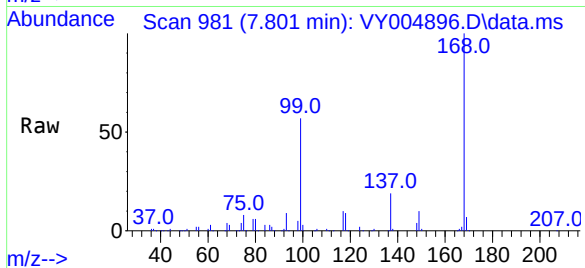




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY004896.D
Acq: 27 May 2021 13:27

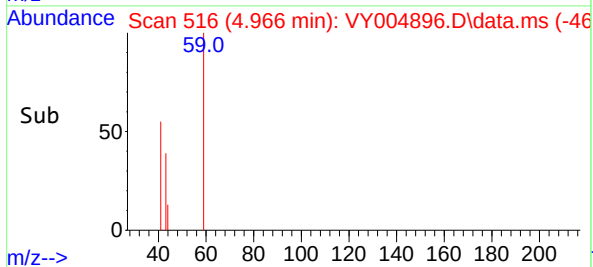
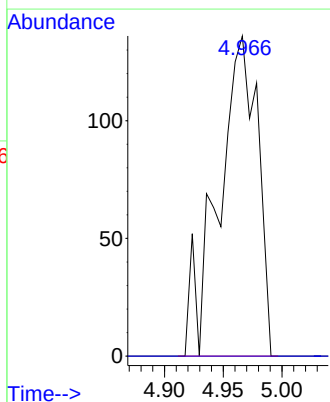
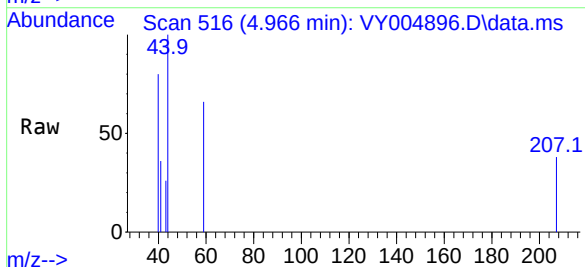
Instrument :
MSVOA_Y
ClientSampled :
115

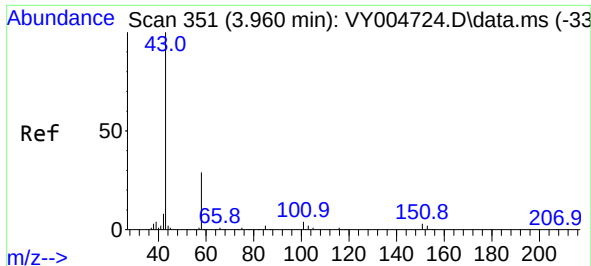
Tgt Ion:168 Resp: 186686
Ion Ratio Lower Upper
168 100
99 57.0 45.6 68.4



#11
Tert butyl alcohol
Concen: 1.42 ug/l
RT: 4.966 min Scan# 516
Delta R.T. -0.006 min
Lab File: VY004896.D
Acq: 27 May 2021 13:27

Tgt Ion: 59 Resp: 318
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#

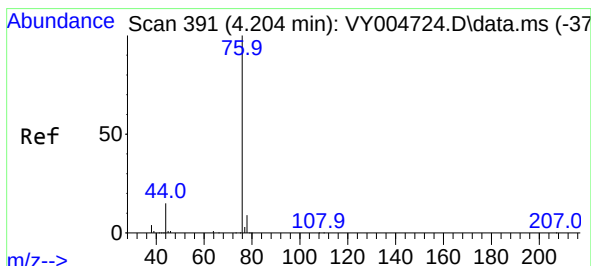
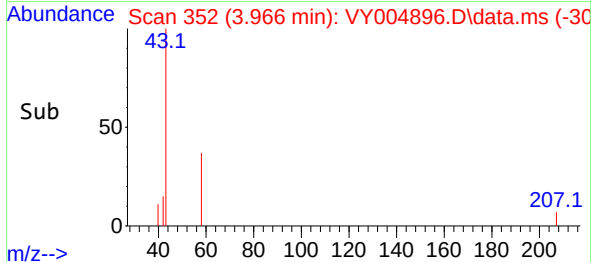
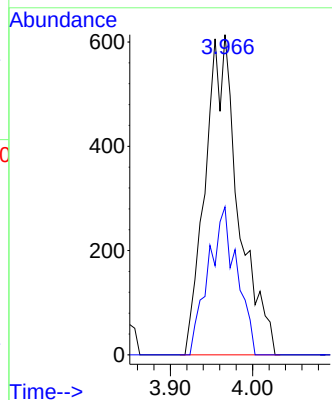
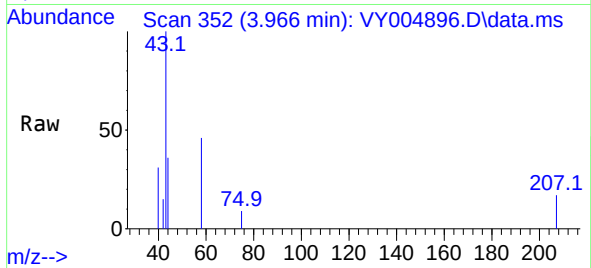




#16
Acetone
Concen: 3.45 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY004896.D
Acq: 27 May 2021 13:27

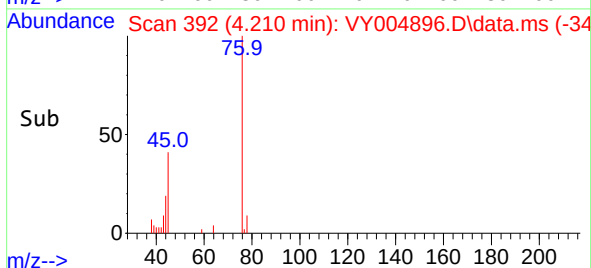
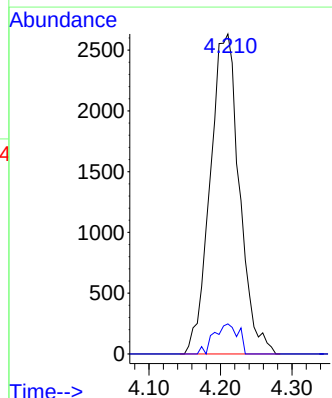
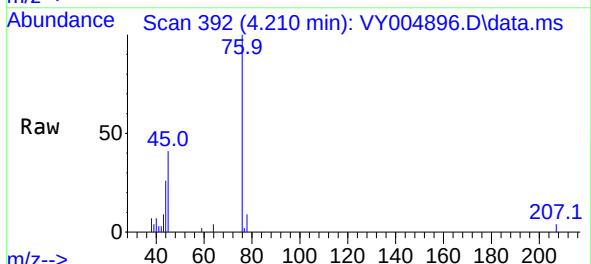
Instrument :
MSVOA_Y
ClientSampled :
115

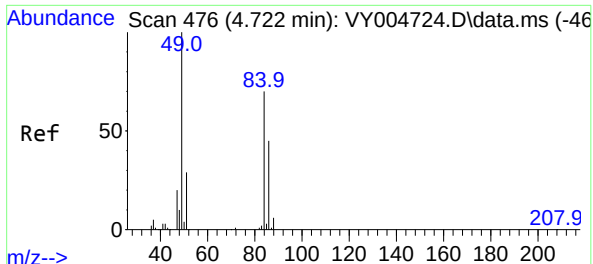
Tgt Ion: 43 Resp: 1722
Ion Ratio Lower Upper
43 100
58 46.3 23.6 35.4#



#17
Carbon Disulfide
Concen: 1.33 ug/l
RT: 4.210 min Scan# 392
Delta R.T. 0.006 min
Lab File: VY004896.D
Acq: 27 May 2021 13:27

Tgt Ion: 76 Resp: 7476
Ion Ratio Lower Upper
76 100
78 9.4 7.2 10.8





#20

Methylene Chloride

Concen: Below Cal

RT: 4.728 min Scan# 477

Delta R.T. 0.006 min

Lab File: VY004896.D

Acq: 27 May 2021 13:27

Instrument :
MSVOA_Y
ClientSampled :
115

Tgt Ion: 84 Resp: 12912

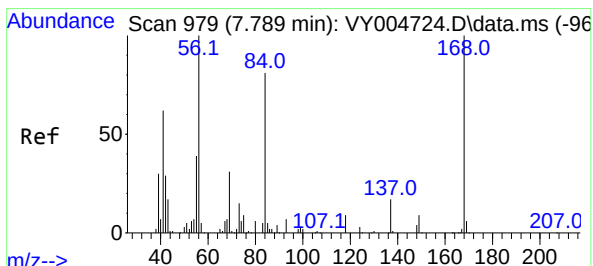
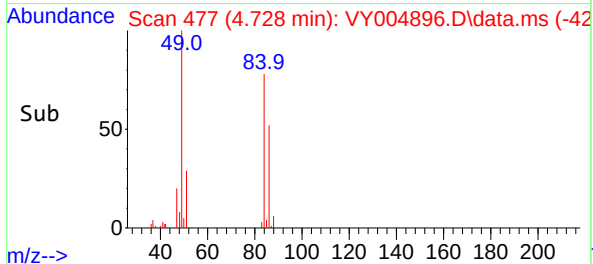
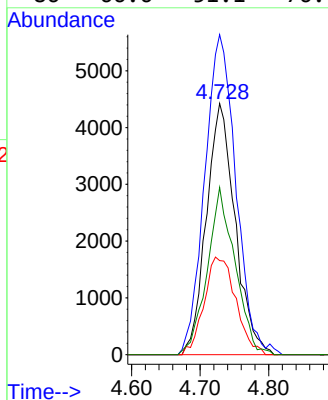
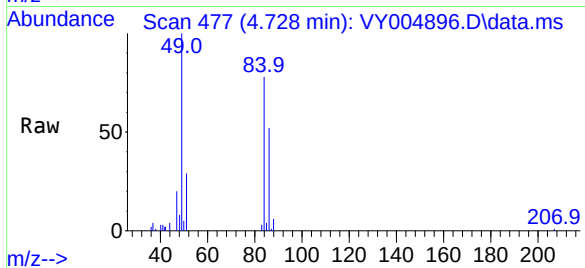
Ion Ratio Lower Upper

84 100

49 127.4 113.8 170.8

51 37.5 33.5 50.3

86 66.6 51.1 76.7



#31

Cyclohexane

Concen: 1.18 ug/l

RT: 7.795 min Scan# 980

Delta R.T. 0.006 min

Lab File: VY004896.D

Acq: 27 May 2021 13:27

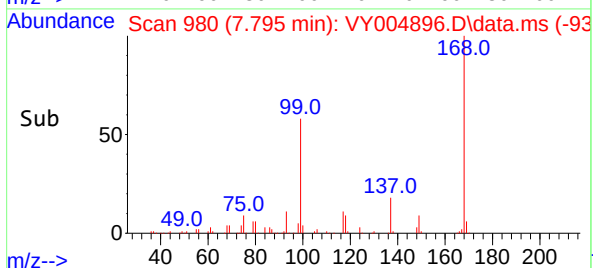
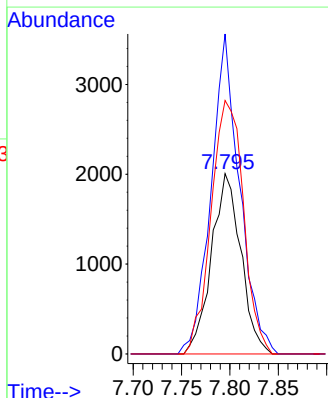
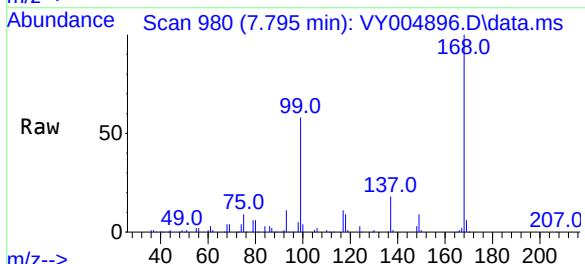
Tgt Ion: 56 Resp: 4240

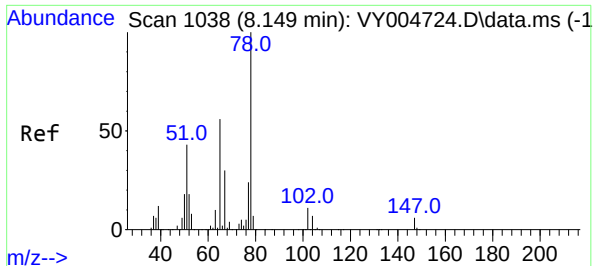
Ion Ratio Lower Upper

56 100

69 177.4 24.4 36.6#

84 140.5 64.8 97.2#

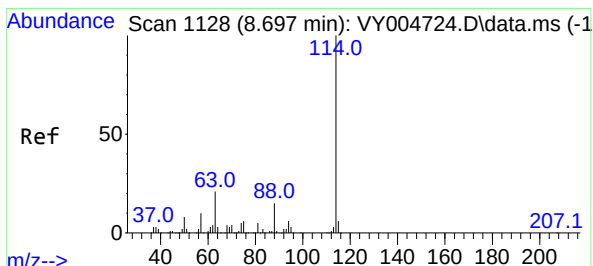
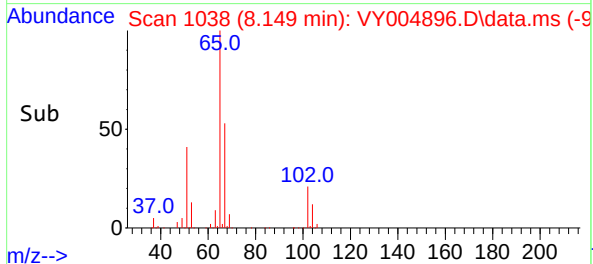
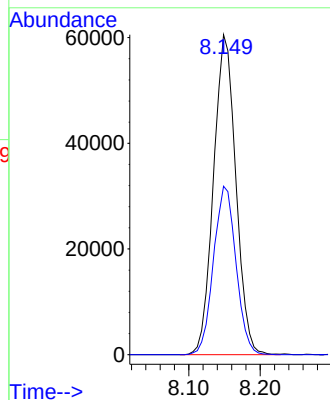
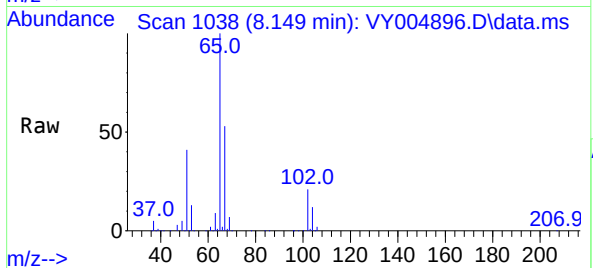




#33
1,2-Dichloroethane-d4
Concen: 59.10 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY004896.D
Acq: 27 May 2021 13:27

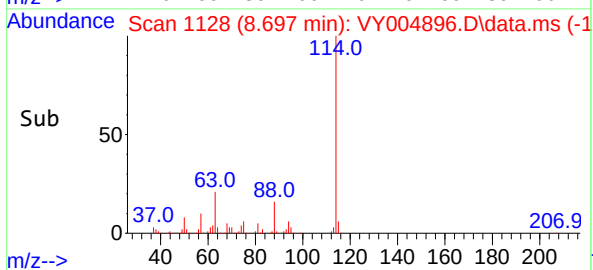
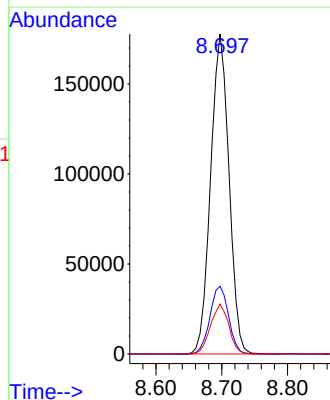
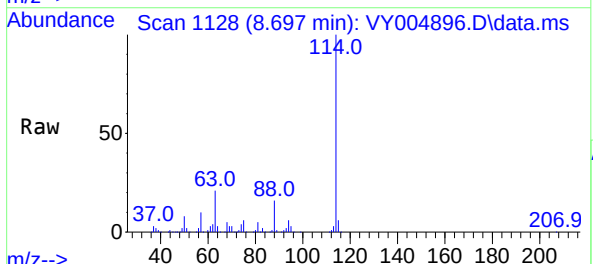
Instrument :
MSVOA_Y
ClientSampled :
115

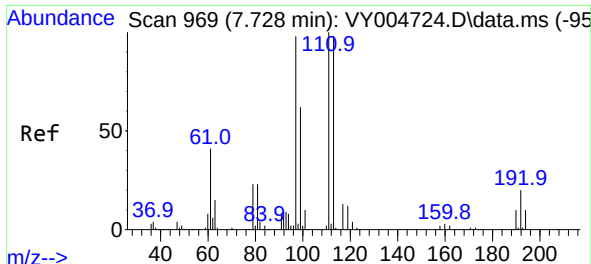
Tgt Ion: 65 Resp: 131327
Ion Ratio Lower Upper
65 100
67 53.0 0.0 108.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY004896.D
Acq: 27 May 2021 13:27

Tgt Ion: 114 Resp: 345249
Ion Ratio Lower Upper
114 100
63 21.1 0.0 42.8
88 15.6 0.0 31.0

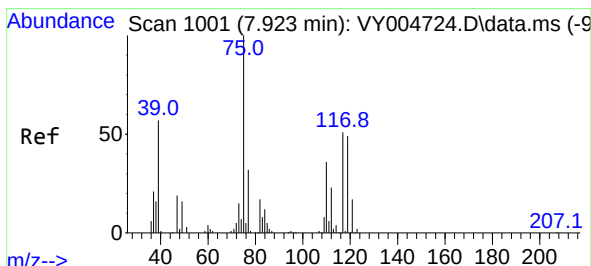
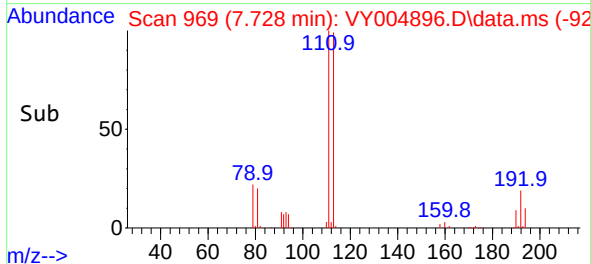
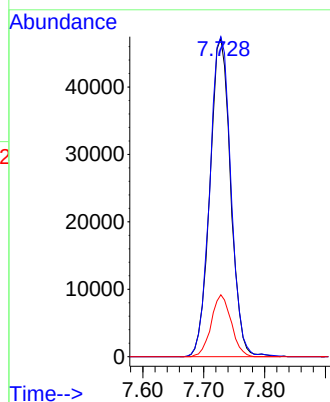
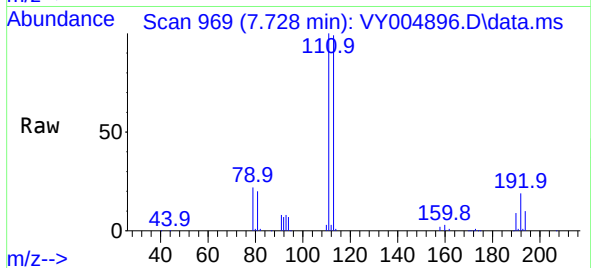




#35
Dibromofluoromethane
Concen: 58.87 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004896.D
Acq: 27 May 2021 13:27

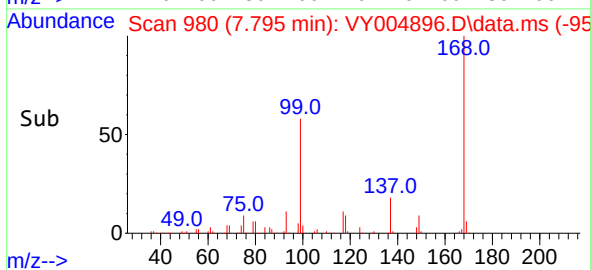
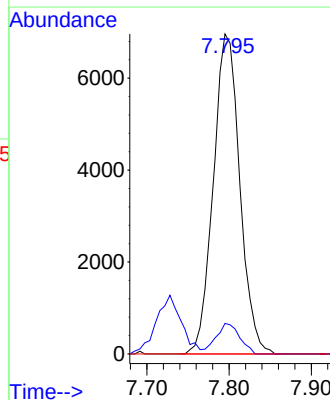
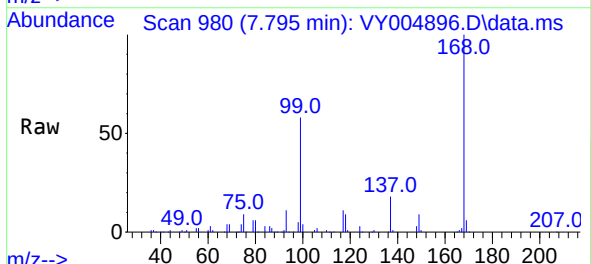
Instrument :
MSVOA_Y
ClientSampled :
115

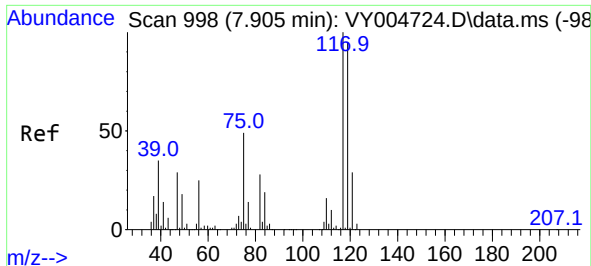
Tgt Ion:	113	Resp:	111272
Ion	Ratio	Lower	Upper
113	100		
111	102.6	80.5	120.7
192	18.8	15.0	22.6



#36
1,1-Dichloropropene
Concen: 4.41 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY004896.D
Acq: 27 May 2021 13:27

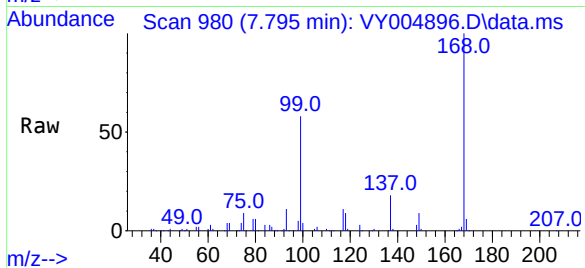
Tgt Ion:	75	Resp:	15587
Ion	Ratio	Lower	Upper
75	100		
110	8.6	17.0	50.9#
77	0.0	25.0	37.4#



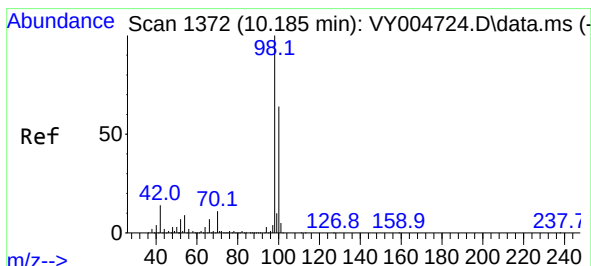
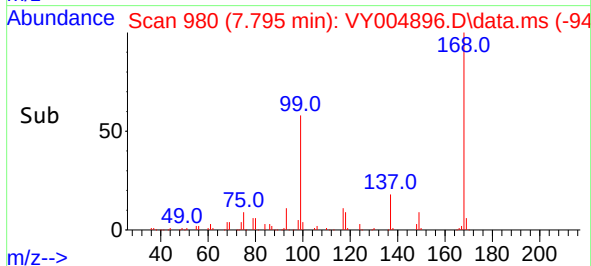
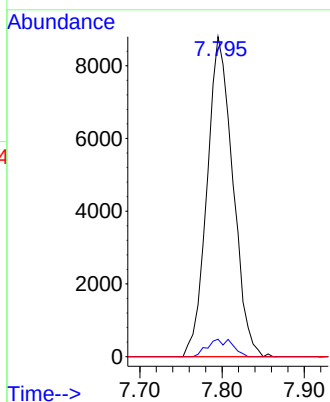


#38
Carbon Tetrachloride
Concen: 6.04 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.110 min
Lab File: VY004896.D
Acq: 27 May 2021 13:27

Instrument :
MSVOA_Y
ClientSampled :
115

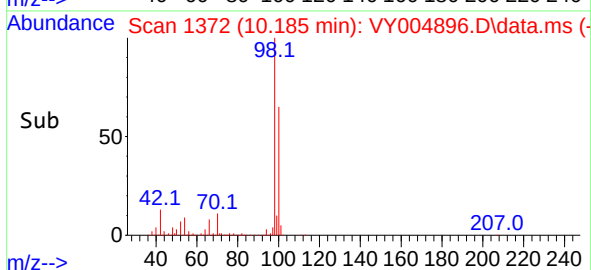
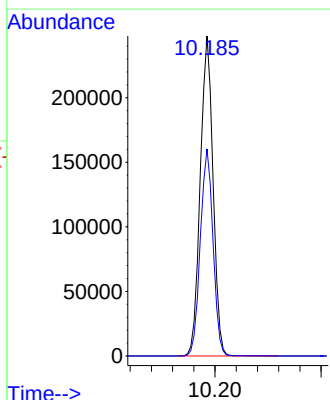
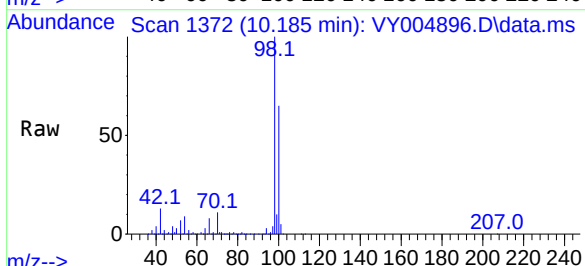


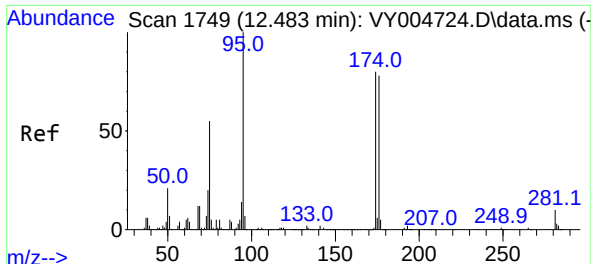
Tgt Ion:117 Resp: 19204
Ion Ratio Lower Upper
117 100
119 5.5 76.3 114.5#
121 0.0 23.0 34.6#



#50
Toluene-d8
Concen: 48.51 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004896.D
Acq: 27 May 2021 13:27

Tgt Ion: 98 Resp: 414224
Ion Ratio Lower Upper
98 100
100 64.3 51.5 77.3

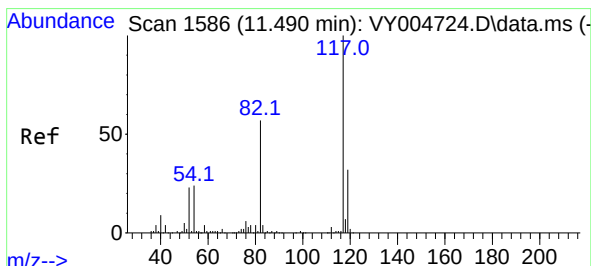
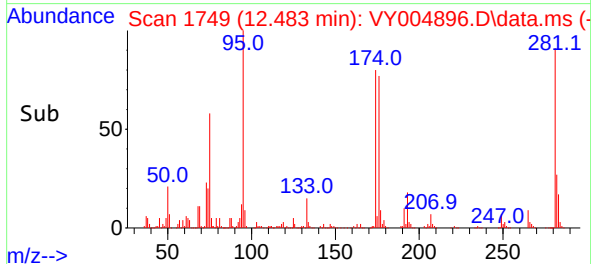
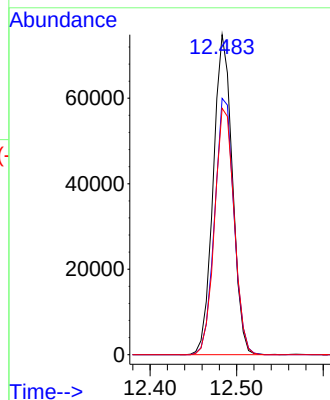
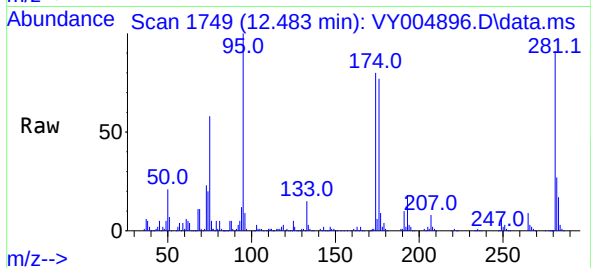




#62
4-Bromofluorobenzene
Concen: 39.84 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004896.D
Acq: 27 May 2021 13:27

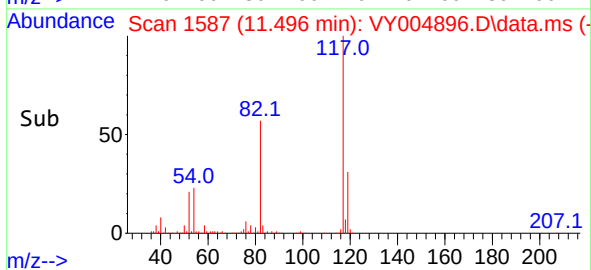
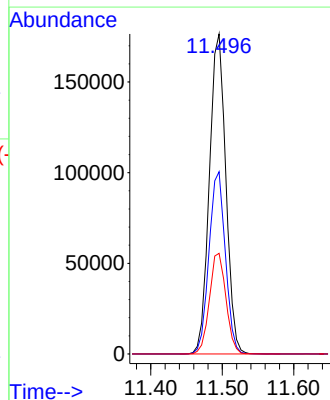
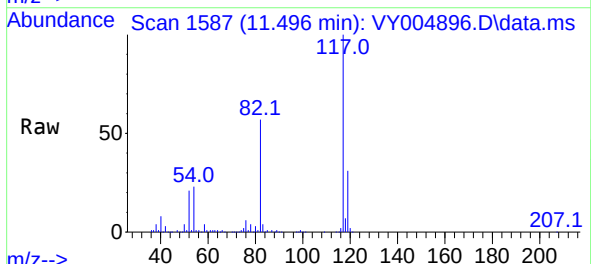
Instrument :
MSVOA_Y
ClientSampled :
115

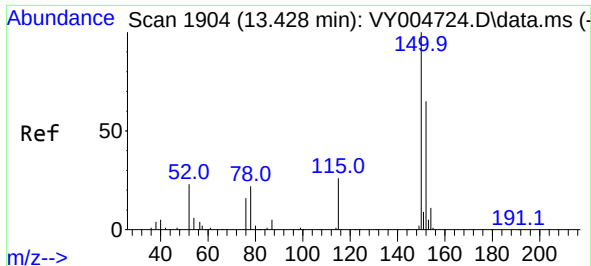
Tgt Ion:	95	Resp:	114812
Ion Ratio	Lower	Upper	
95	100		
174	80.7	0.0	164.2
176	78.7	0.0	159.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY004896.D
Acq: 27 May 2021 13:27

Tgt Ion:	117	Resp:	281985
Ion Ratio	Lower	Upper	
117	100		
82	56.9	45.4	68.2
119	31.5	25.8	38.6

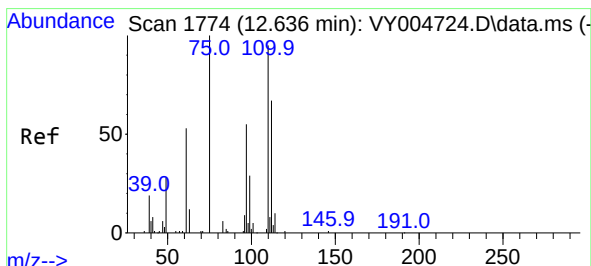
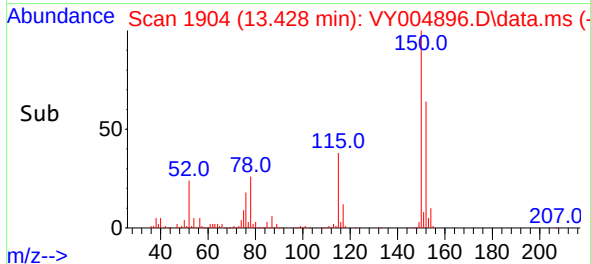
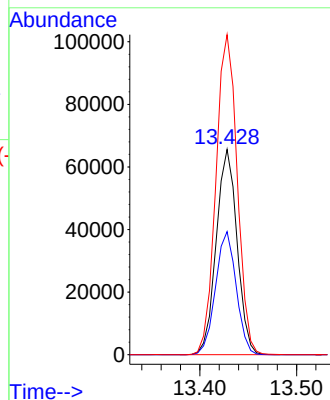
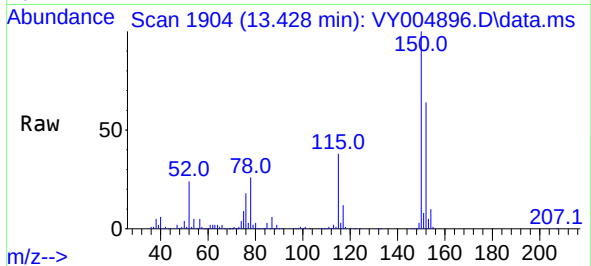




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY004896.D
Acq: 27 May 2021 13:27

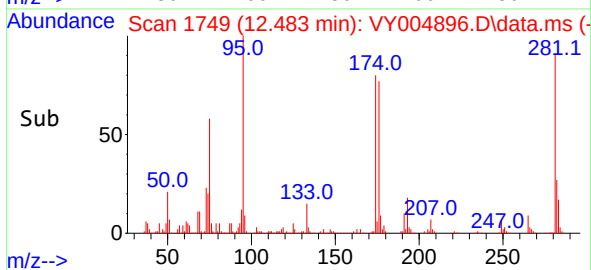
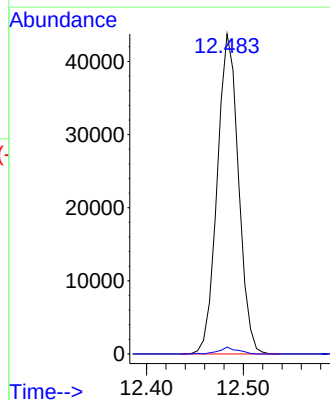
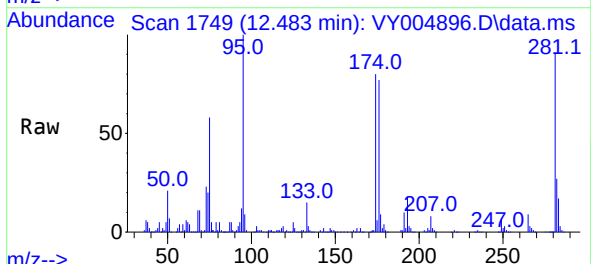
Instrument :
MSVOA_Y
ClientSampled :
115

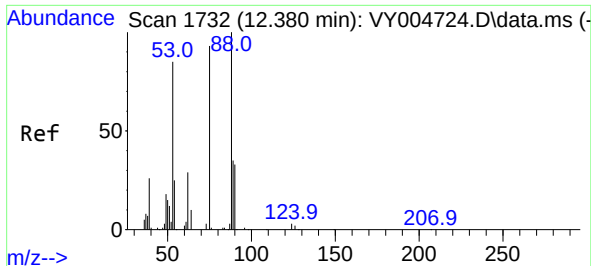
Tgt Ion:152 Resp: 98088
Ion Ratio Lower Upper
152 100
115 59.4 29.4 88.3
150 159.3 0.0 349.8



#76
1,2,3-Trichloropropane
Concen: 64.03 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY004896.D
Acq: 27 May 2021 13:27

Tgt Ion: 75 Resp: 66707
Ion Ratio Lower Upper
75 100
77 1.9 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 111.02 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY004896.D
 Acq: 27 May 2021 13:27

Instrument :
 MSVOA_Y
 ClientSampled :
 115

Tgt Ion: 75 Resp: 66707
 Ion Ratio Lower Upper
 75 100
 53 0.0 73.9 110.9#
 89 2.5 35.5 53.3#

