

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060721\
 Data File : VY004989.D
 Acq On : 07 Jun 2021 13:50
 Operator : SY/MD
 Sample : M2613-10RE
 Misc : 10.44G/5ML/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 08 02:08:37 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)

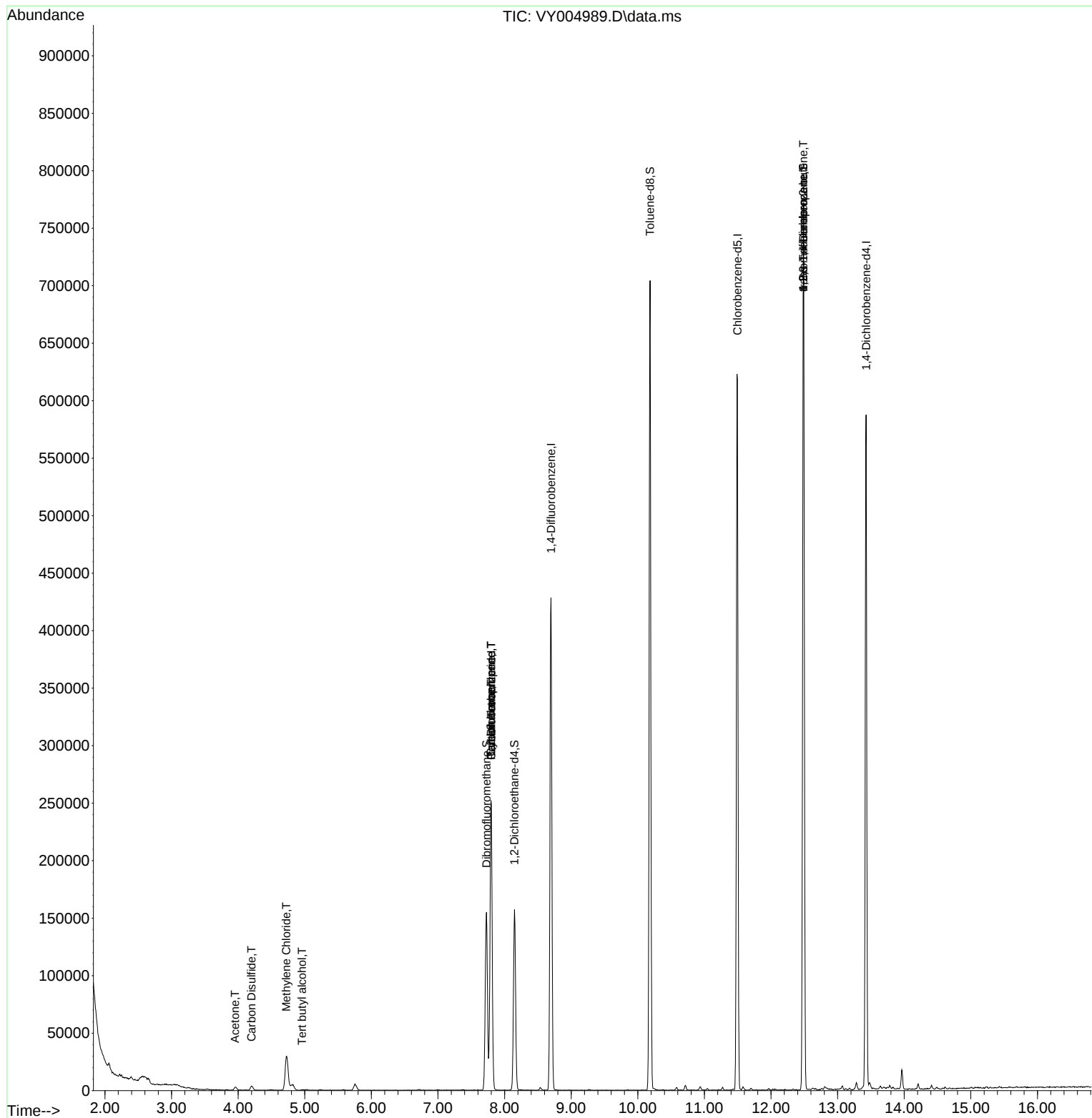
Internal Standards						
1) Pentafluorobenzene	7.801	168	194445	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	361411	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	338802	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	147200	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	118007	57.407	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 114.820%			
35) Dibromofluoromethane	7.728	113	111017	57.095	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 114.180%			
50) Toluene-d8	10.185	98	451891	55.958	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 111.920%			
62) 4-Bromofluorobenzene	12.483	95	146219	52.648	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 105.300%			
Target Compounds			Qvalue			
11) Tert butyl alcohol	4.960	59	851	3.600	ug/l #	74
13) Acrolein	3.735	56	44	Below Cal	#	15
16) Acetone	3.954	43	4809	9.718	ug/l	93
17) Carbon Disulfide	4.198	76	7022	1.143	ug/l #	94
20) Methylene Chloride	4.722	84	22535	4.009	ug/l	95
31) Cyclohexane	7.795	56	4278	1.182	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	15801	4.467	ug/l #	50
38) Carbon Tetrachloride	7.801	117	19503	6.336	ug/l #	17
76) 1,2,3-Trichloropropane	12.483	75	80296	49.762	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	80296	91.452	ug/l #	16

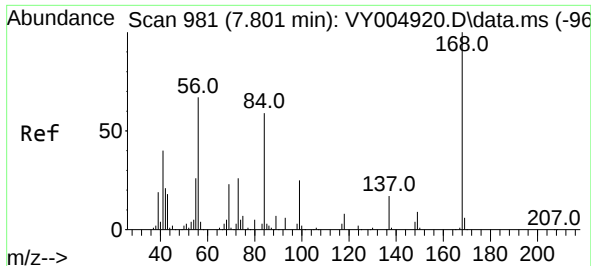
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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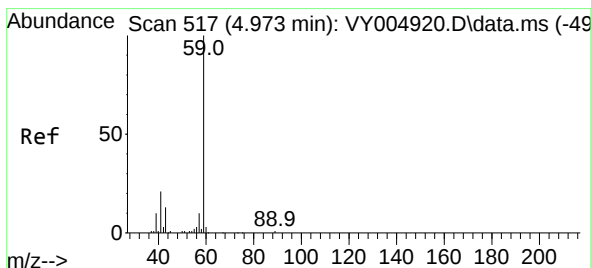
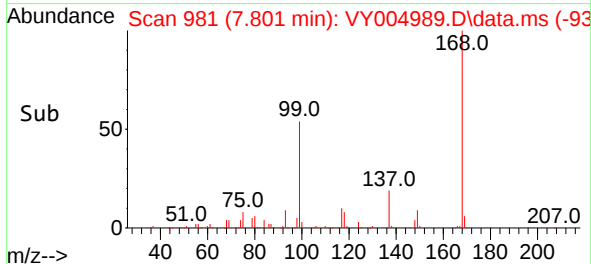
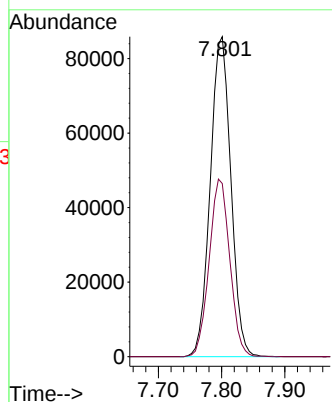
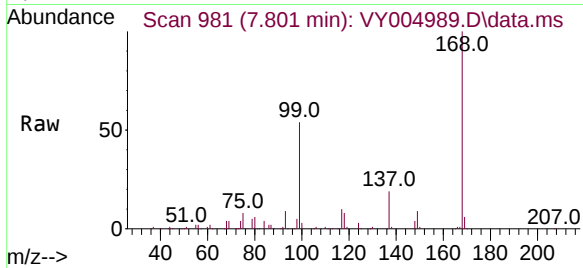




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY004989.D
Acq: 07 Jun 2021 13:50

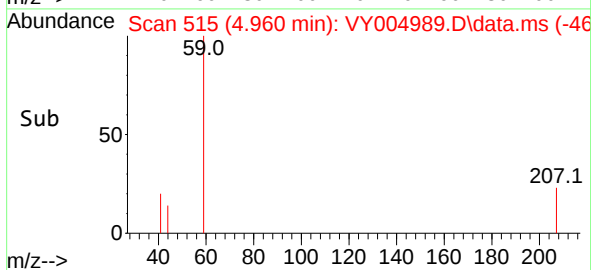
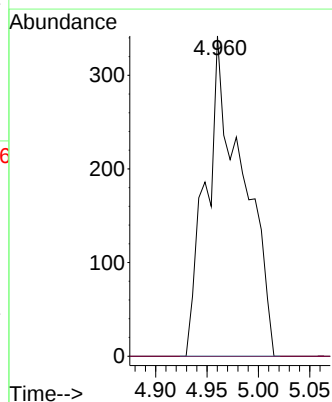
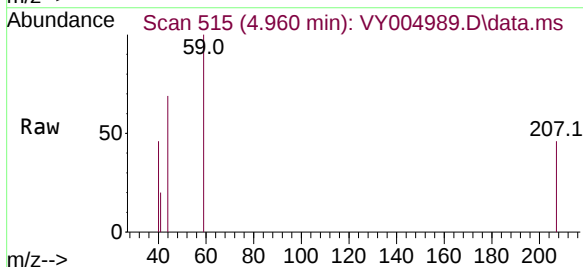
Instrument :
MSVOA_Y
ClientSampleId :

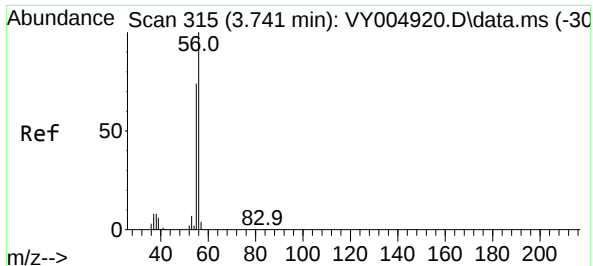
Tgt Ion:168 Resp: 194445
Ion Ratio Lower Upper
168 100
99 54.1 43.9 65.9



#11
Tert butyl alcohol
Concen: 3.600 ug/l
RT: 4.960 min Scan# 515
Delta R.T. -0.013 min
Lab File: VY004989.D
Acq: 07 Jun 2021 13:50

Tgt Ion: 59 Resp: 851
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#

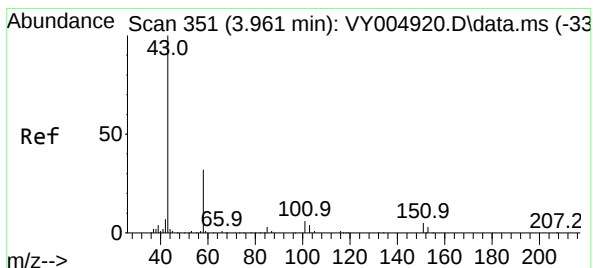
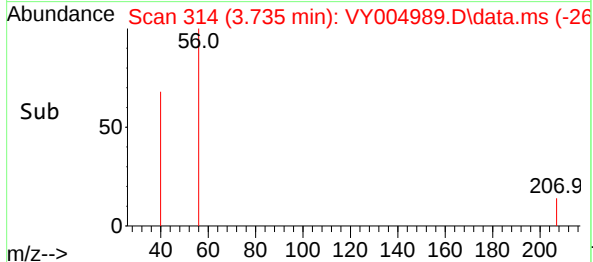
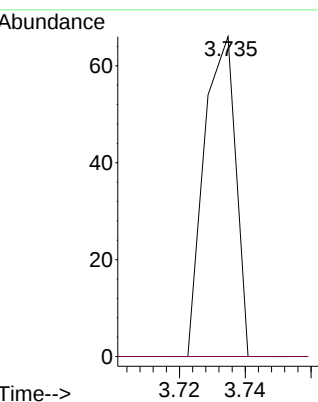
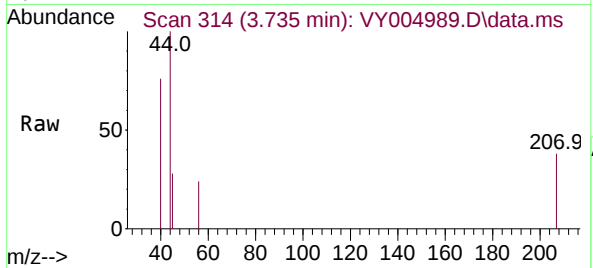




#13
Acrolein
Concen: Below Cal
RT: 3.735 min Scan# 314
Delta R.T. -0.006 min
Lab File: VY004989.D
Acq: 07 Jun 2021 13:50

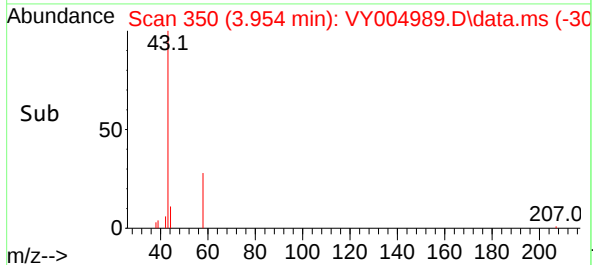
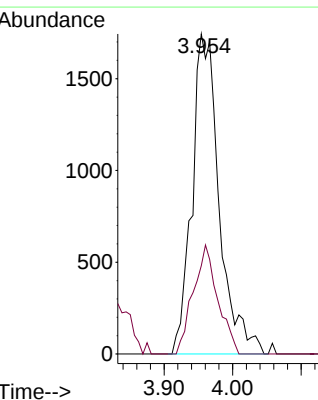
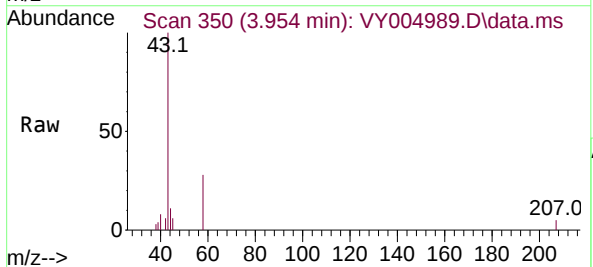
Instrument :
MSVOA_Y
ClientSampled :

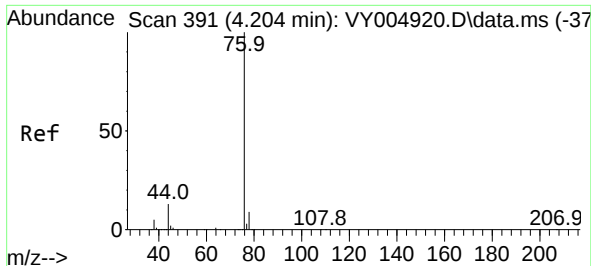
Tgt Ion: 56 Resp: 44
Ion Ratio Lower Upper
56 100
55 0.0 55.4 83.2#



#16
Acetone
Concen: 9.718 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY004989.D
Acq: 07 Jun 2021 13:50

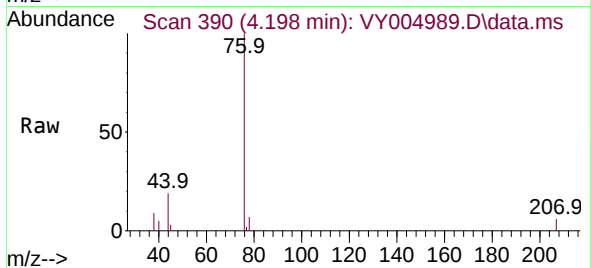
Tgt Ion: 43 Resp: 4809
Ion Ratio Lower Upper
43 100
58 27.6 25.3 37.9



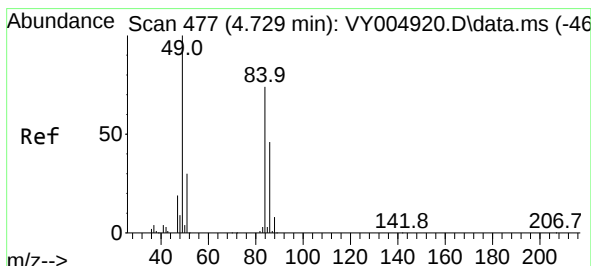
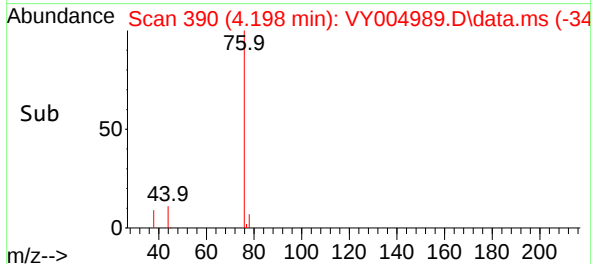
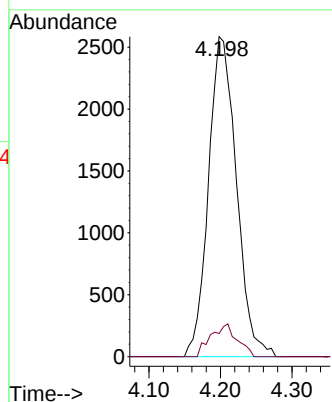


#17
Carbon Disulfide
Concen: 1.143 ug/l
RT: 4.198 min Scan# 390
Delta R.T. -0.006 min
Lab File: VY004989.D
Acq: 07 Jun 2021 13:50

Instrument :
MSVOA_Y
ClientSampled :

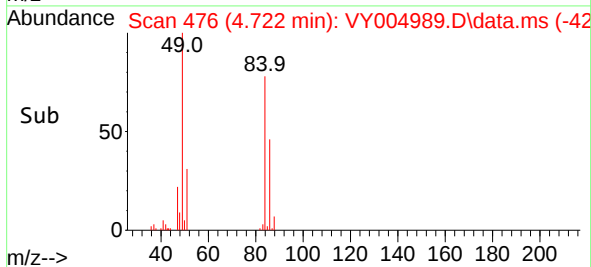
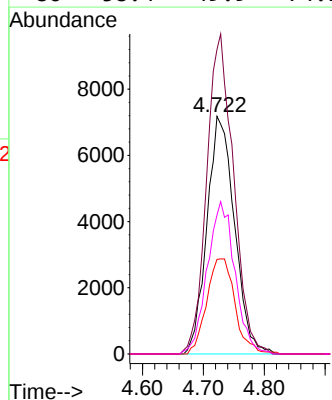
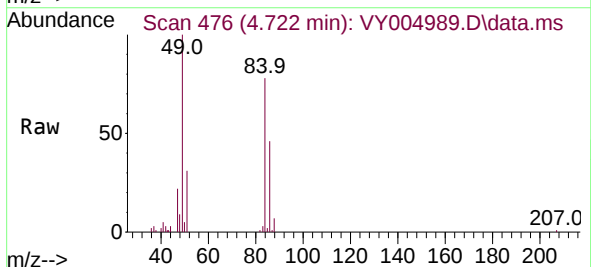


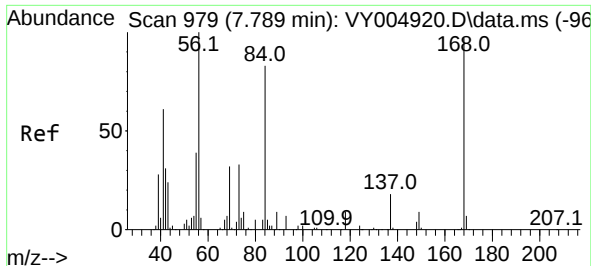
Tgt Ion: 76 Resp: 7022
Ion Ratio Lower Upper
76 100
78 7.2 7.6 11.4#



#20
Methylene Chloride
Concen: 4.009 ug/l
RT: 4.722 min Scan# 476
Delta R.T. -0.007 min
Lab File: VY004989.D
Acq: 07 Jun 2021 13:50

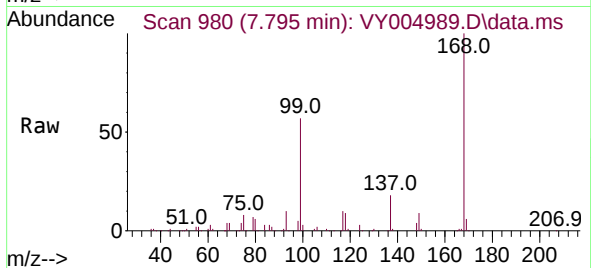
Tgt Ion: 84 Resp: 22535
Ion Ratio Lower Upper
84 100
49 128.2 108.0 162.0
51 39.8 32.6 48.8
86 58.4 49.9 74.9



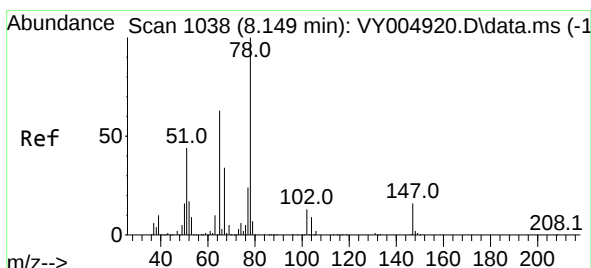
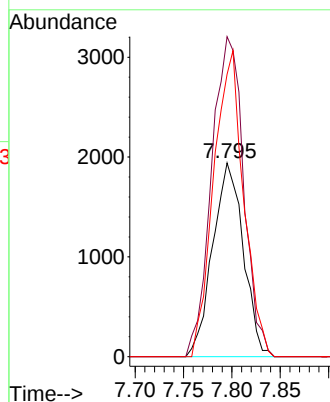
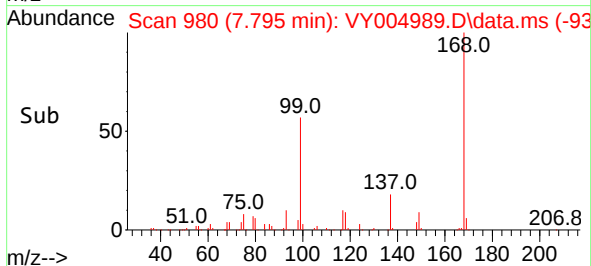


#31
Cyclohexane
Concen: 1.182 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY004989.D
Acq: 07 Jun 2021 13:50

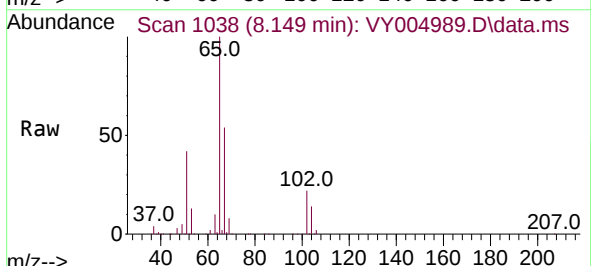
Instrument :
MSVOA_Y
ClientSampleId :



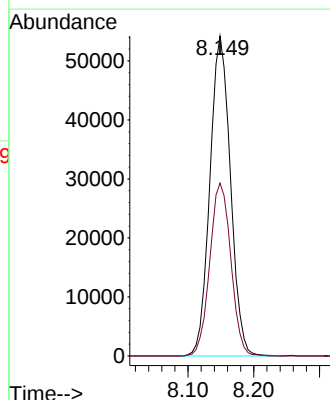
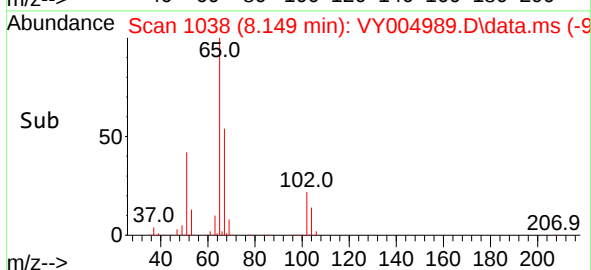
Tgt Ion: 56 Resp: 4278
Ion Ratio Lower Upper
56 100
69 165.1 25.3 37.9#
84 145.7 66.2 99.4#

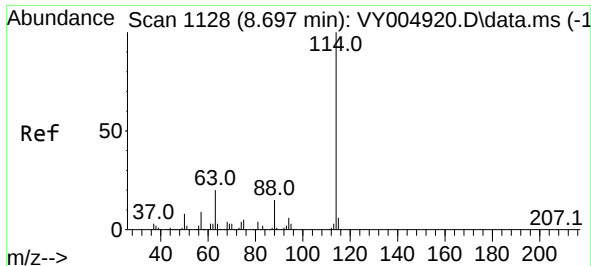


#33
1,2-Dichloroethane-d4
Concen: 57.407 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY004989.D
Acq: 07 Jun 2021 13:50



Tgt Ion: 65 Resp: 118007
Ion Ratio Lower Upper
65 100
67 55.3 0.0 110.6

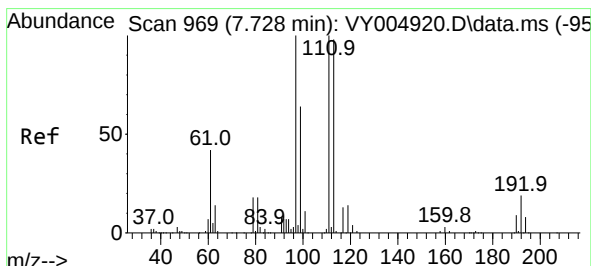
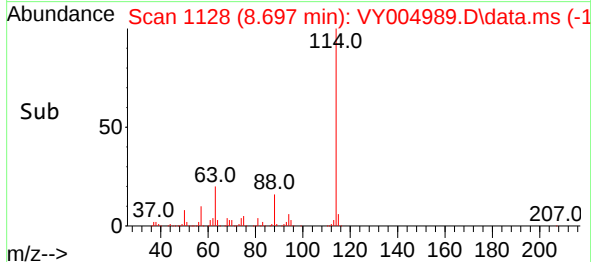
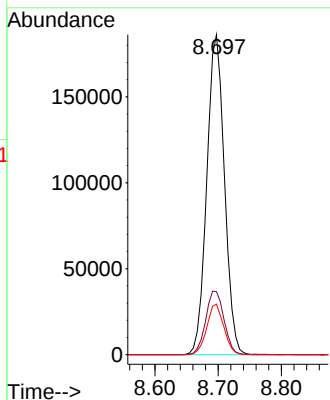
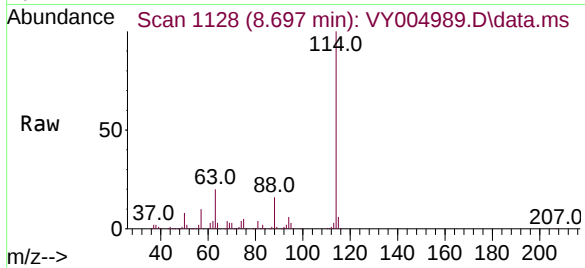




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY004989.D
Acq: 07 Jun 2021 13:50

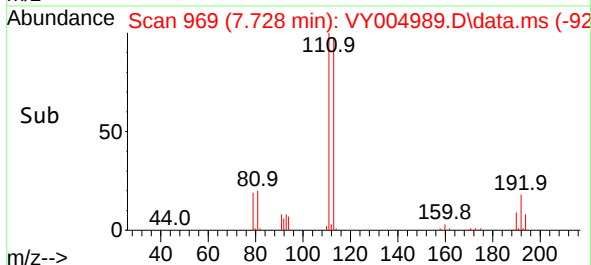
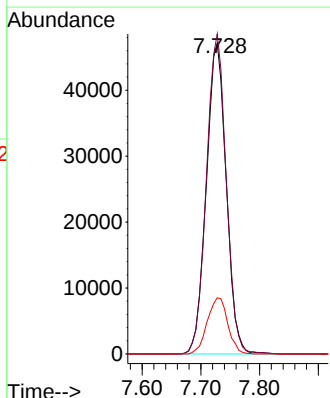
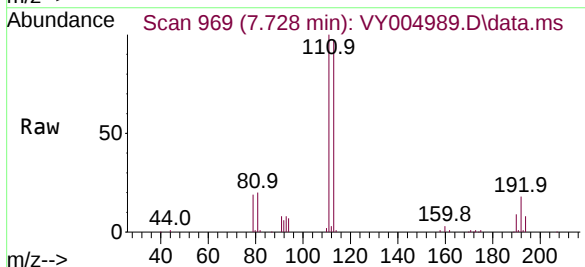
Instrument :
MSVOA_Y
ClientSampleId :

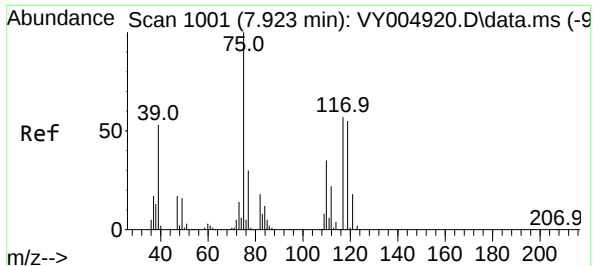
Tgt Ion:	114	Resp:	361411
Ion	Ratio	Lower	Upper
114	100		
63	19.7	0.0	41.0
88	15.8	0.0	30.6



#35
Dibromofluoromethane
Concen: 57.095 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004989.D
Acq: 07 Jun 2021 13:50

Tgt Ion:	113	Resp:	111017
Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.8	122.8
192	18.6	15.3	22.9





#36

1,1-Dichloropropene

Concen: 4.467 ug/l

RT: 7.795 min Scan# 980

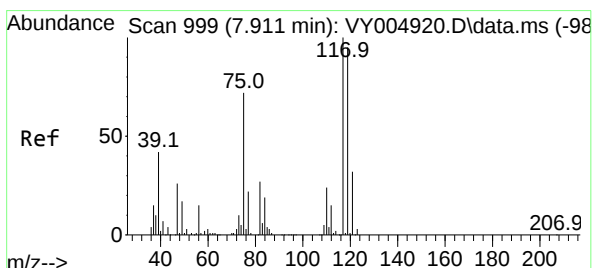
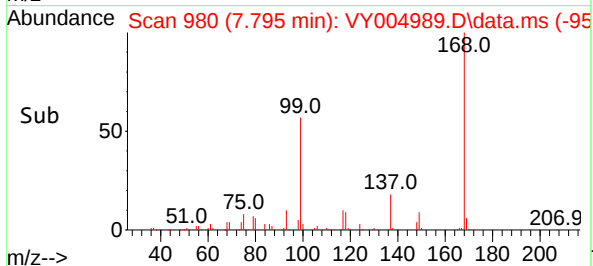
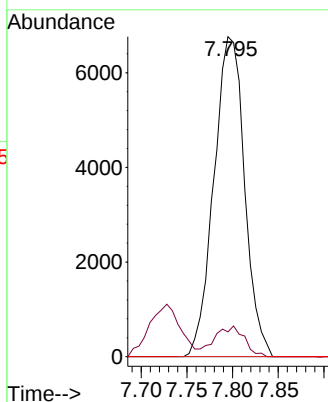
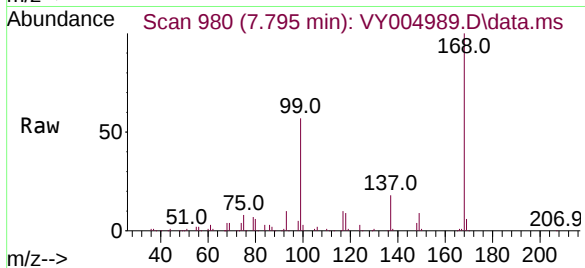
Delta R.T. -0.128 min

Lab File: VY004989.D

Acq: 07 Jun 2021 13:50

Tgt Ion:	75	Resp:	15801
Ion	Ratio	Lower	Upper
75	100		
110	9.1	17.5	52.5#
77	0.0	25.1	37.7#

Instrument :
MSVOA_Y
ClientSampled :



#38

Carbon Tetrachloride

Concen: 6.336 ug/l

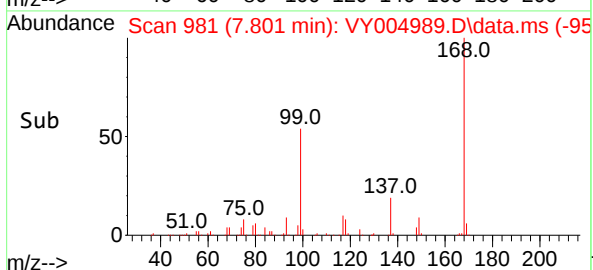
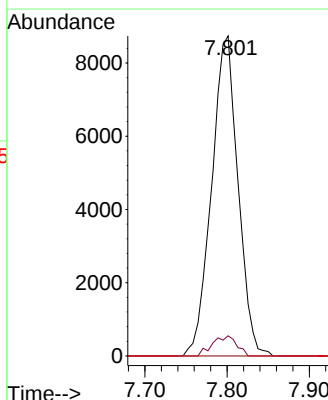
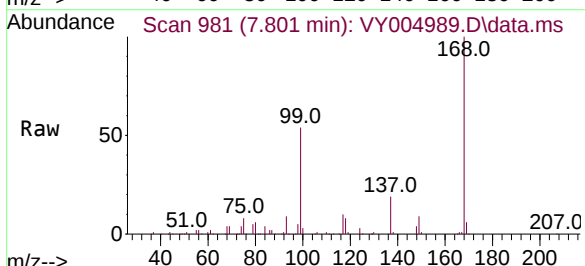
RT: 7.801 min Scan# 981

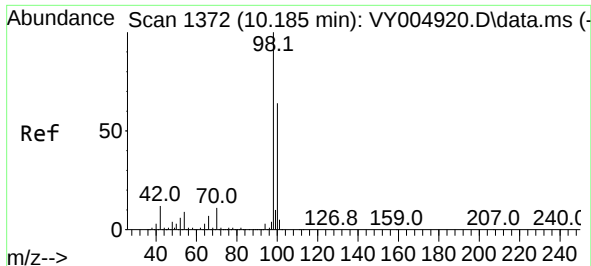
Delta R.T. -0.110 min

Lab File: VY004989.D

Acq: 07 Jun 2021 13:50

Tgt Ion:	117	Resp:	19503
Ion	Ratio	Lower	Upper
117	100		
119	6.3	76.1	114.1#
121	0.0	25.5	38.3#

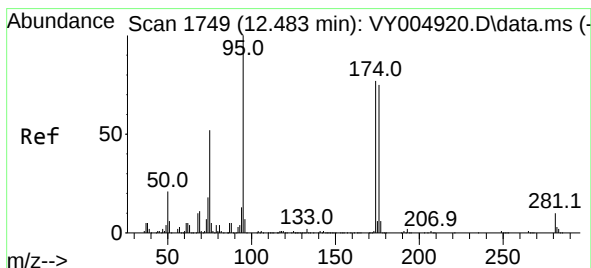
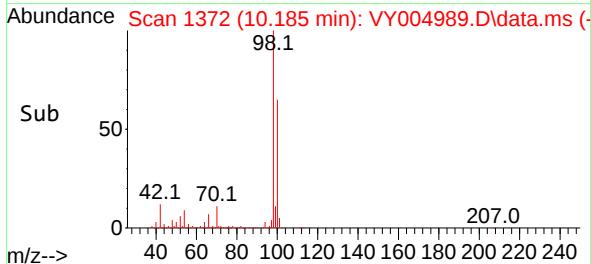
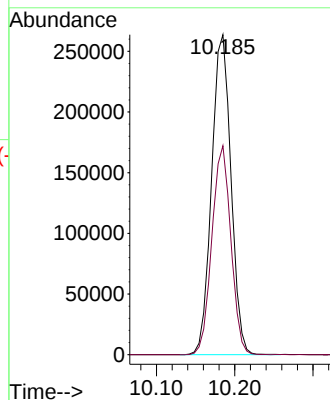
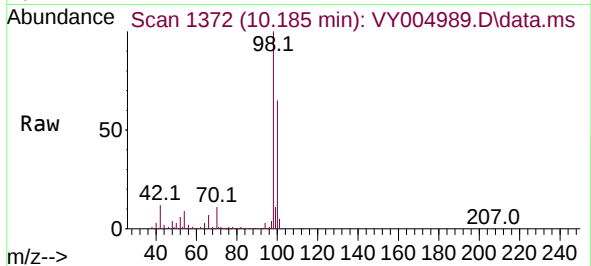




#50
Toluene-d8
Concen: 55.958 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004989.D
Acq: 07 Jun 2021 13:50

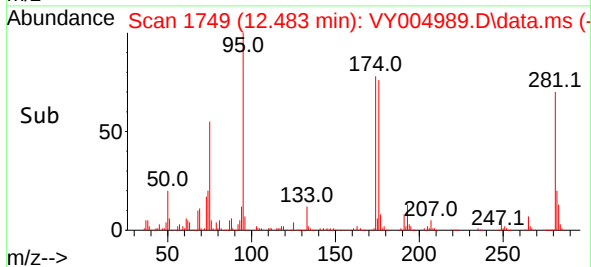
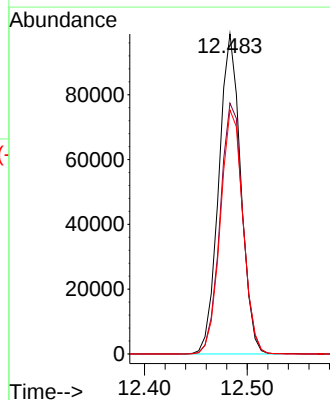
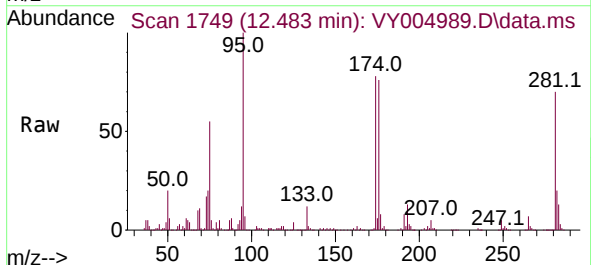
Instrument :
MSVOA_Y
ClientSampled :

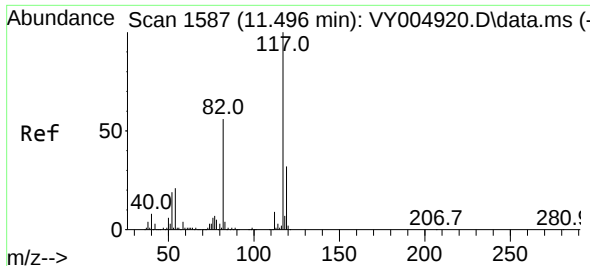
Tgt Ion: 98 Resp: 451891
Ion Ratio Lower Upper
98 100
100 64.0 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 52.648 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004989.D
Acq: 07 Jun 2021 13:50

Tgt Ion: 95 Resp: 146219
Ion Ratio Lower Upper
95 100
174 80.9 0.0 160.8
176 78.4 0.0 155.6

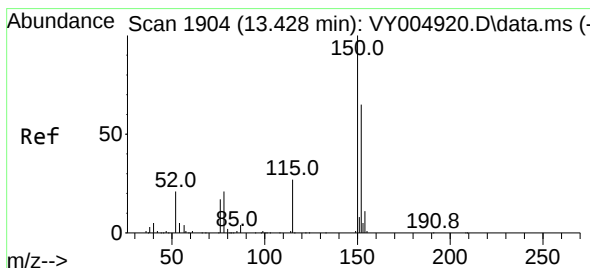
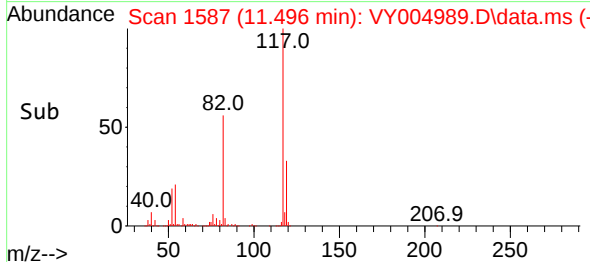
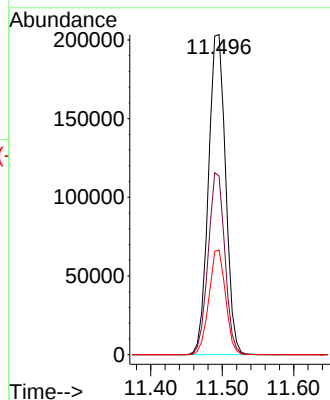
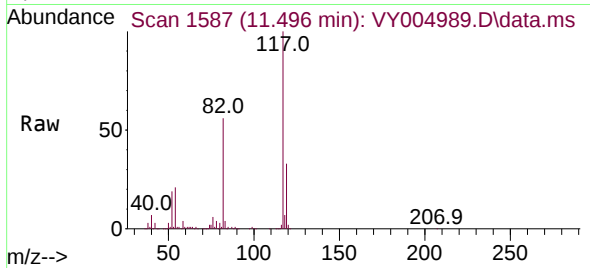




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY004989.D
Acq: 07 Jun 2021 13:50

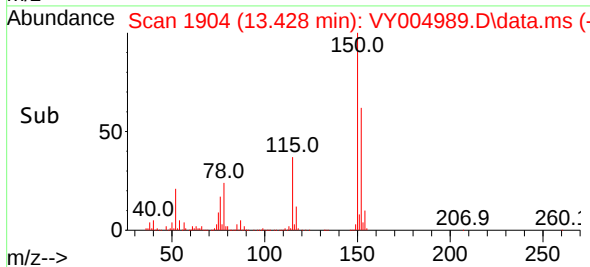
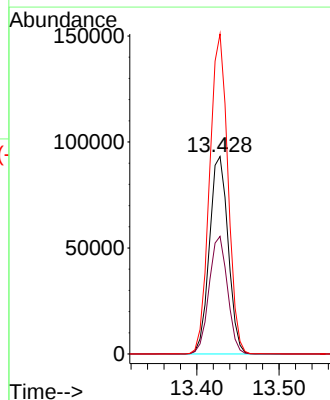
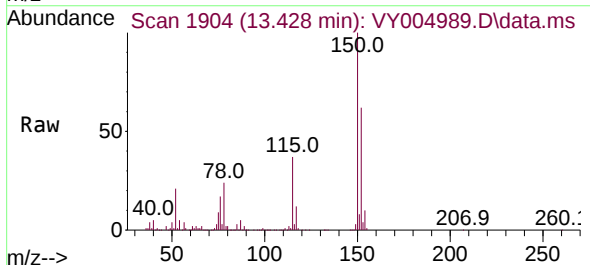
Instrument :
MSVOA_Y
ClientSampleId :

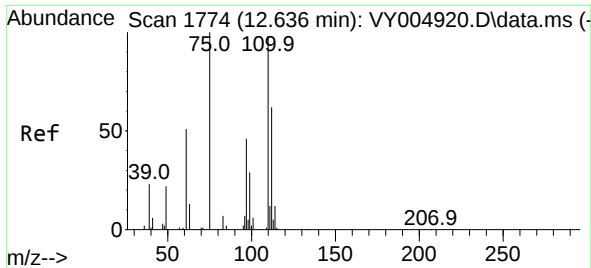
Tgt Ion:117 Resp: 338802
Ion Ratio Lower Upper
117 100
82 55.9 44.8 67.2
119 32.7 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY004989.D
Acq: 07 Jun 2021 13:50

Tgt Ion:152 Resp: 147200
Ion Ratio Lower Upper
152 100
115 58.6 29.9 89.7
150 158.6 0.0 347.8

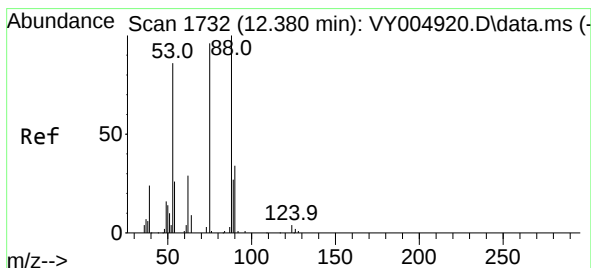
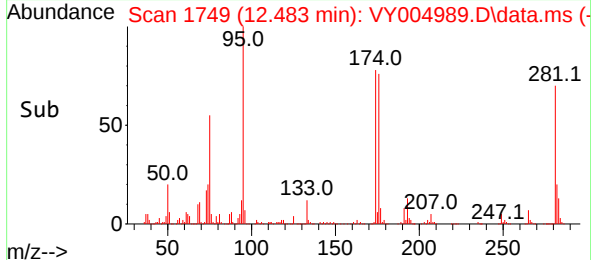
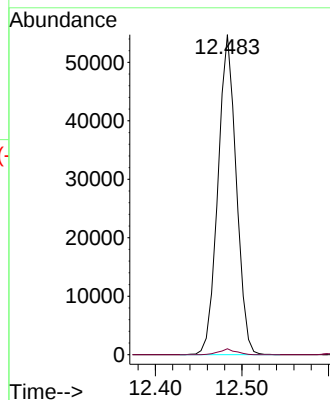
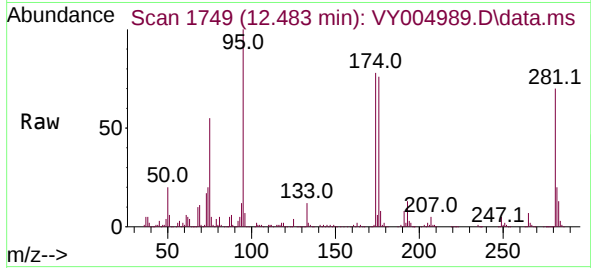




#76
1,2,3-Trichloropropane
Concen: 49.762 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY004989.D
Acq: 07 Jun 2021 13:50

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 80296
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 91.452 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY004989.D
Acq: 07 Jun 2021 13:50

Tgt Ion: 75 Resp: 80296
Ion Ratio Lower Upper
75 100
53 0.2 69.3 103.9#
89 2.0 35.0 52.6#

