

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051821\
 Data File : VY004833.D
 Acq On : 18 May 2021 17:47
 Operator : SY/MD
 Sample : M2435-16
 Misc : 6.53G/5ML/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 19 01:05:50 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)

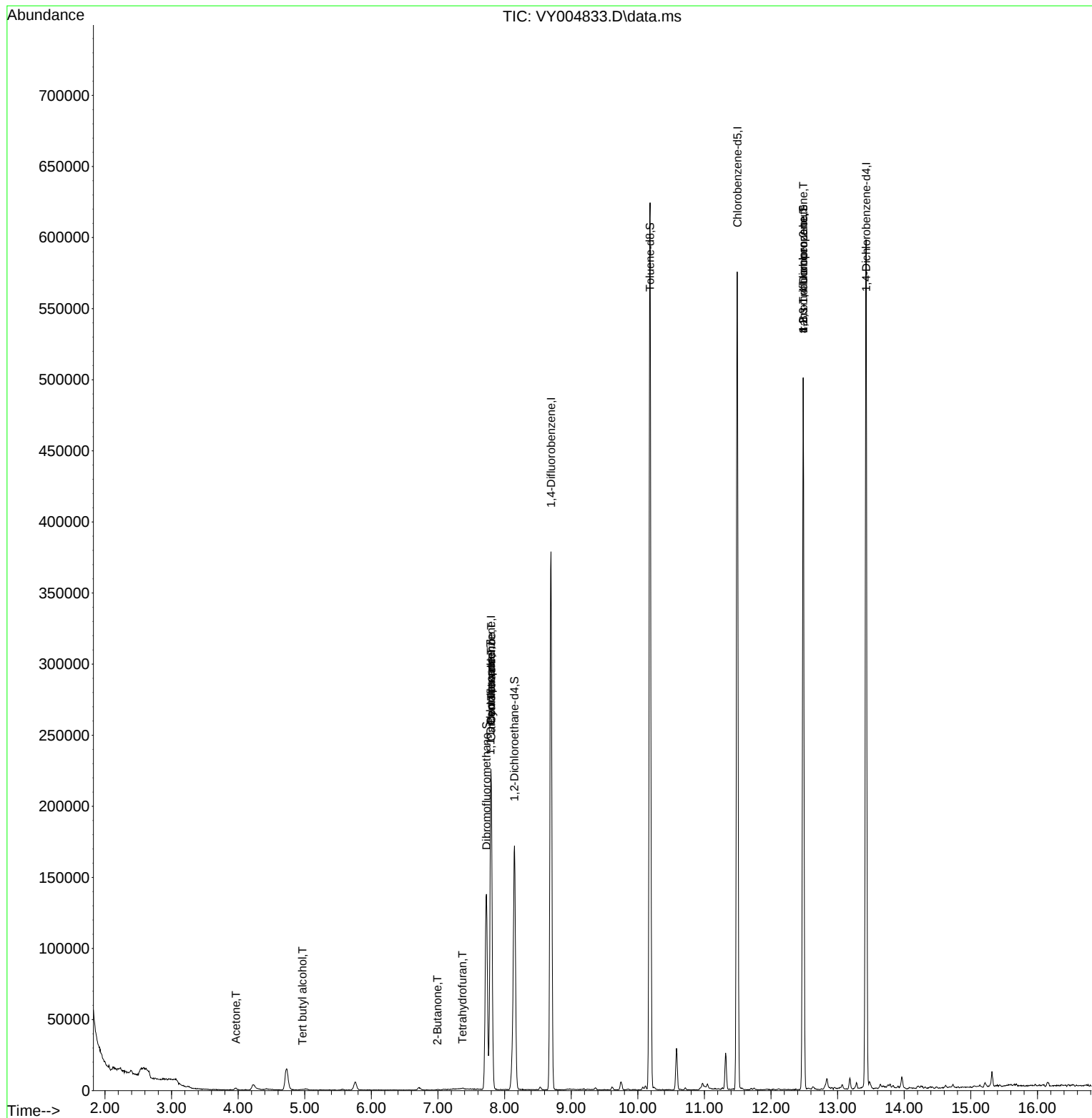
Internal Standards						
1) Pentafluorobenzene	7.795	168	170603	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	307611	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	306386	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	143450	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	124042	61.08	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 122.16%			
35) Dibromofluoromethane	7.728	113	96079	57.05	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 114.10%			
50) Toluene-d8	10.185	98	388656	51.09	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 102.18%			
62) 4-Bromofluorobenzene	12.483	95	139141	54.19	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 108.38%			
Target Compounds						Qvalue
11) Tert butyl alcohol	4.966	59	1465	7.18	ug/l #	71
16) Acetone	3.966	43	2332	5.11	ug/l	97
20) Methylene Chloride	4.722	84	11042	Below Cal		96
25) 2-Butanone	6.990	43	879	1.08	ug/l #	51
29) Tetrahydrofuran	7.368	42	527	1.02	ug/l #	59
31) Cyclohexane	7.795	56	4153	1.26	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	14871	4.72	ug/l #	50
38) Carbon Tetrachloride	7.801	117	16979	5.99	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	77050	50.57	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	77050	87.68	ug/l #	13

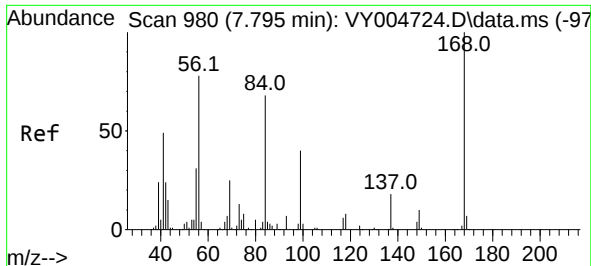
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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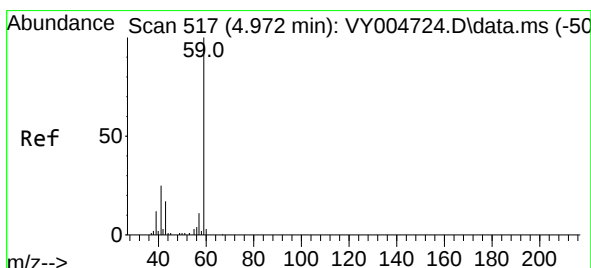
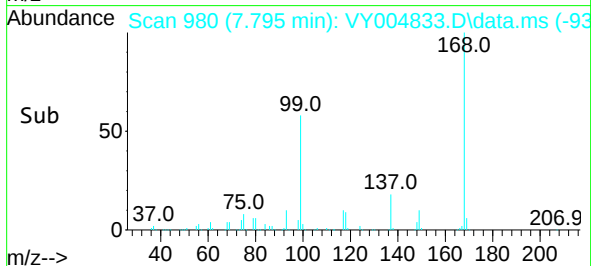
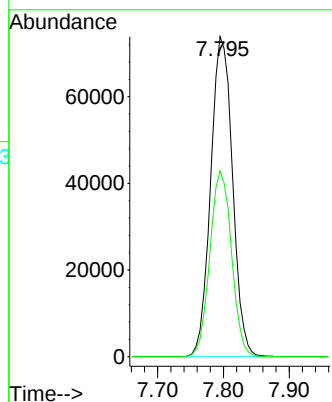
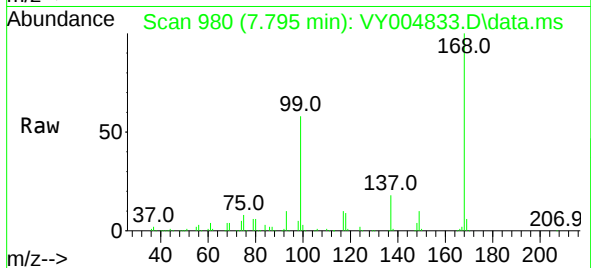




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY004833.D
Acq: 18 May 2021 17:47

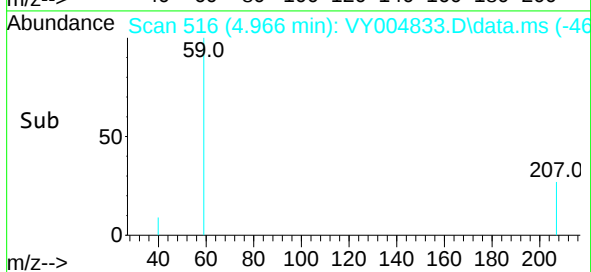
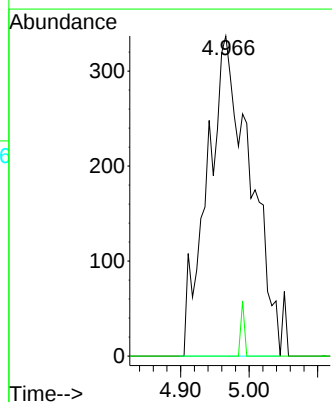
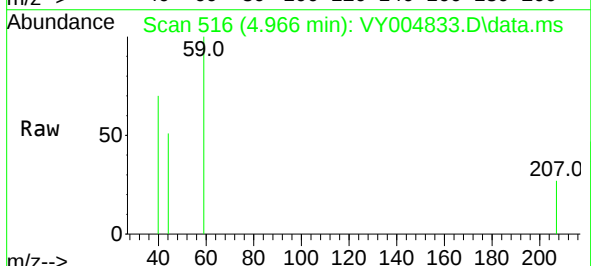
Instrument :
MSVOA_Y
ClientSampled :

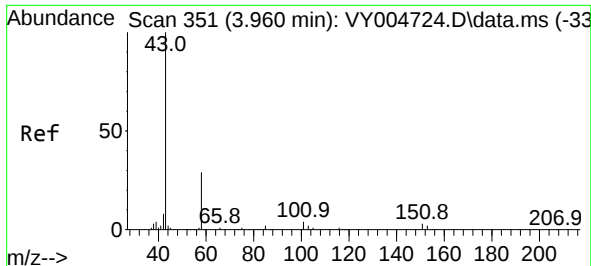
Tgt Ion:168 Resp: 170603
Ion Ratio Lower Upper
168 100
99 58.0 45.6 68.4



#11
Tert butyl alcohol
Concen: 7.18 ug/l
RT: 4.966 min Scan# 516
Delta R.T. -0.006 min
Lab File: VY004833.D
Acq: 18 May 2021 17:47

Tgt Ion: 59 Resp: 1465
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#

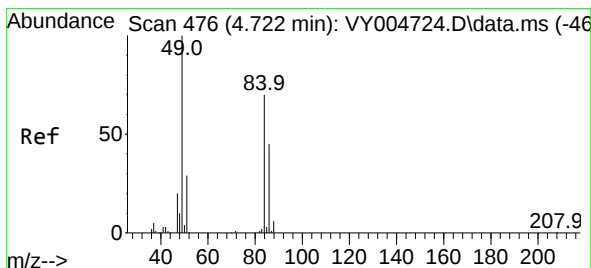
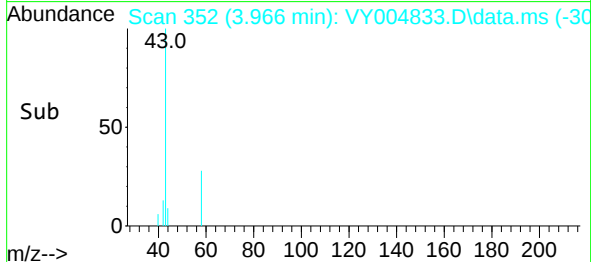
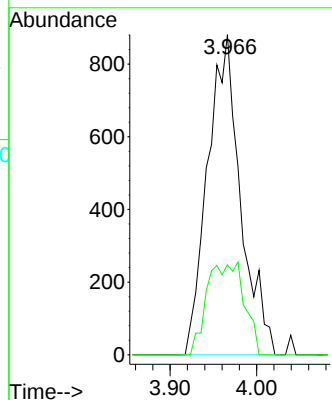
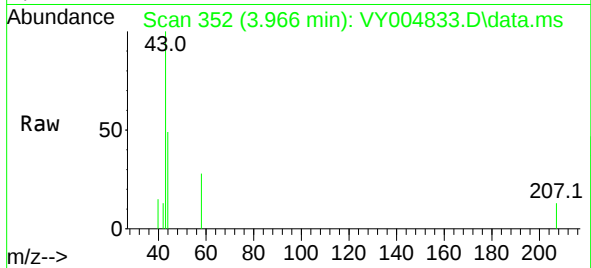




#16
Acetone
Concen: 5.11 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.006 min
Lab File: VY004833.D
Acq: 18 May 2021 17:47

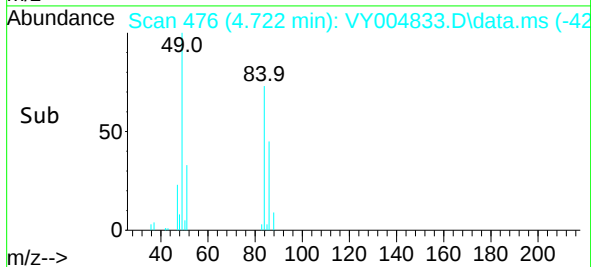
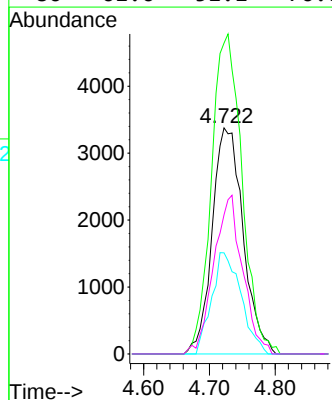
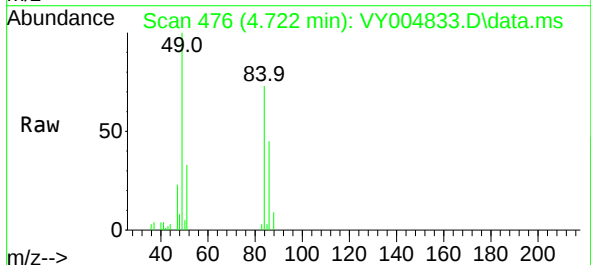
Instrument :
MSVOA_Y
ClientSampled :

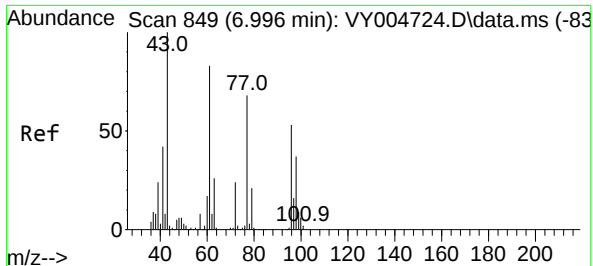
Tgt Ion: 43 Resp: 2332
Ion Ratio Lower Upper
43 100
58 28.1 23.6 35.4



#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 476
Delta R.T. 0.000 min
Lab File: VY004833.D
Acq: 18 May 2021 17:47

Tgt Ion: 84 Resp: 11042
Ion Ratio Lower Upper
84 100
49 137.5 113.8 170.8
51 44.7 33.5 50.3
86 61.6 51.1 76.7





#25

2-Butanone

Concen: 1.08 ug/l

RT: 6.990 min Scan# 848

Delta R.T. -0.006 min

Lab File: VY004833.D

Acq: 18 May 2021 17:47

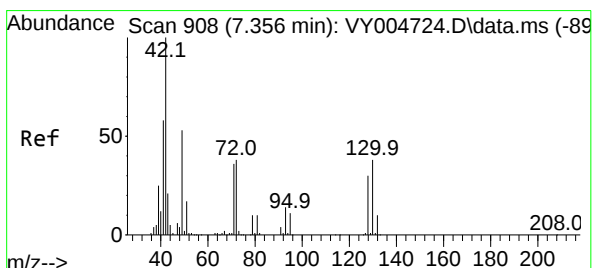
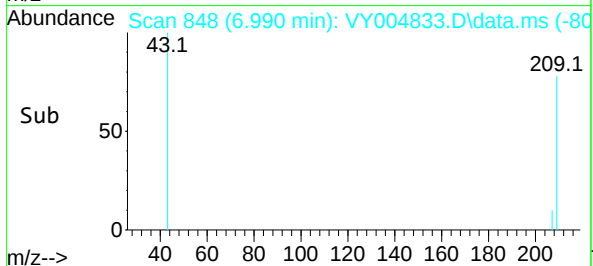
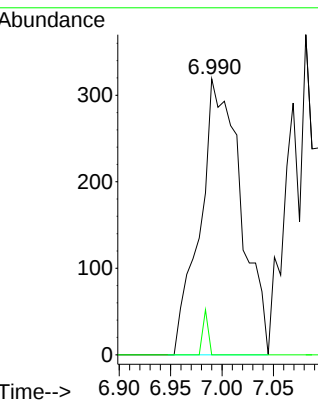
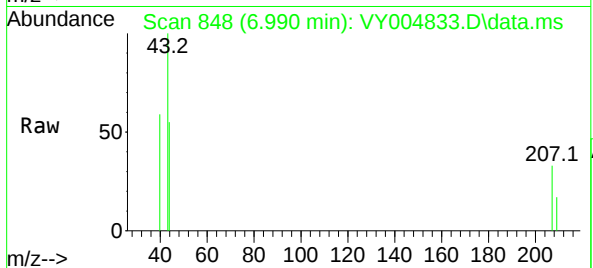
Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 43 Resp: 879

Ion Ratio Lower Upper

43 100

72 0.0 19.4 29.0#



#29

Tetrahydrofuran

Concen: 1.02 ug/l

RT: 7.368 min Scan# 910

Delta R.T. 0.012 min

Lab File: VY004833.D

Acq: 18 May 2021 17:47

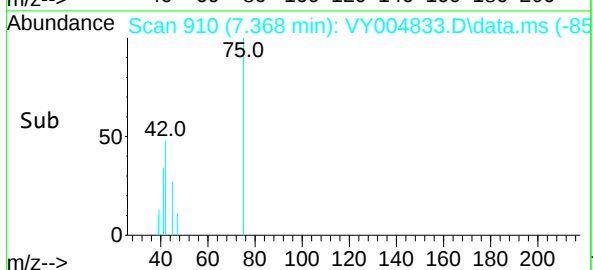
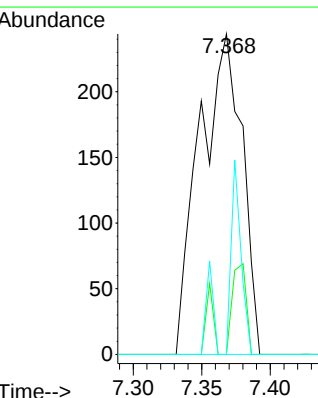
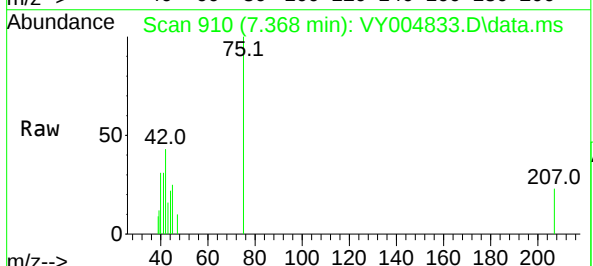
Tgt Ion: 42 Resp: 527

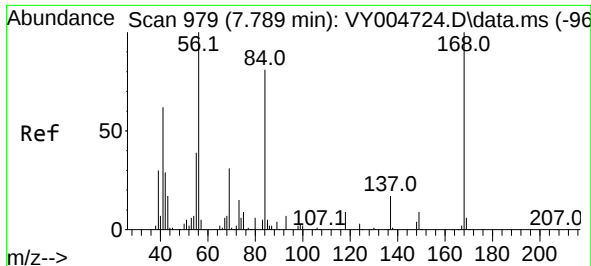
Ion Ratio Lower Upper

42 100

72 9.3 29.4 44.0#

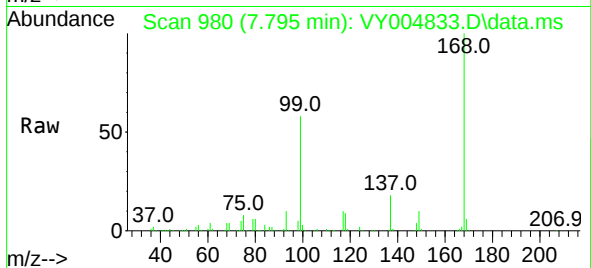
71 14.0 28.0 42.0#



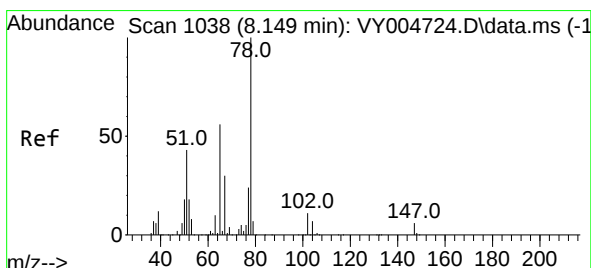
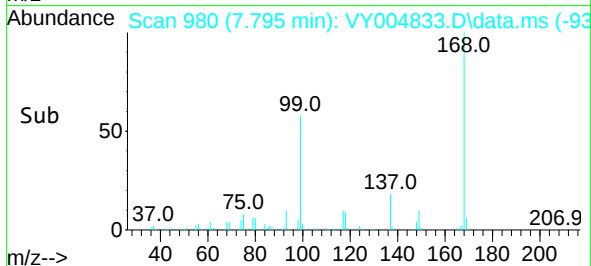
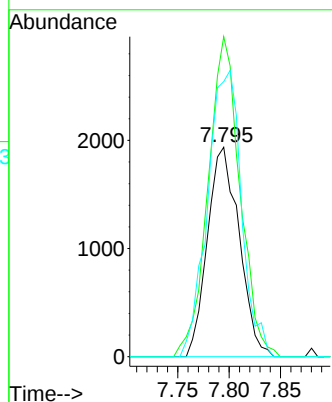


#31
Cyclohexane
Concen: 1.26 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY004833.D
Acq: 18 May 2021 17:47

Instrument :
MSVOA_Y
ClientSampleId :

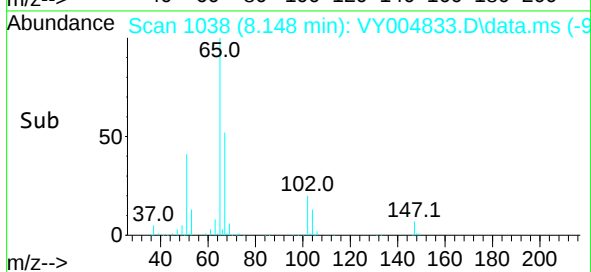
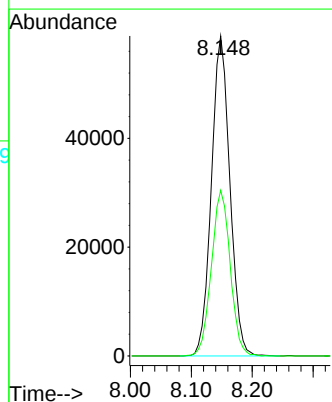
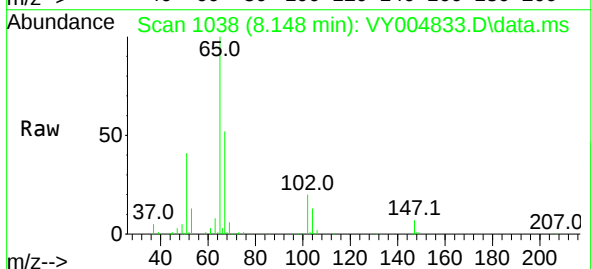


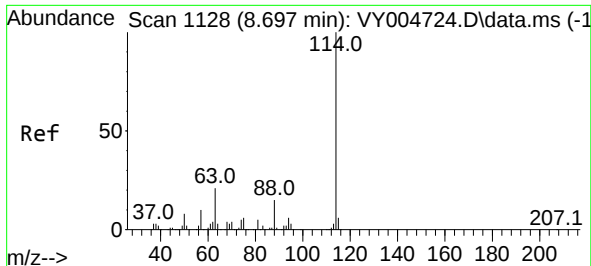
Tgt Ion: 56 Resp: 4153
Ion Ratio Lower Upper
56 100
69 152.8 24.4 36.6#
84 131.3 64.8 97.2#



#33
1,2-Dichloroethane-d4
Concen: 61.08 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY004833.D
Acq: 18 May 2021 17:47

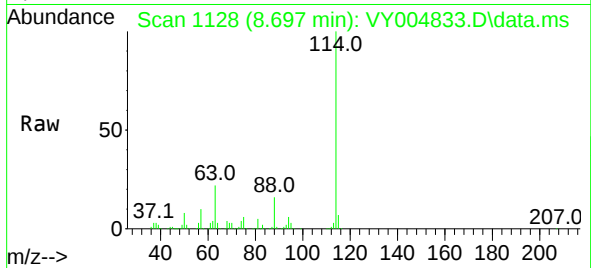
Tgt Ion: 65 Resp: 124042
Ion Ratio Lower Upper
65 100
67 52.6 0.0 108.0



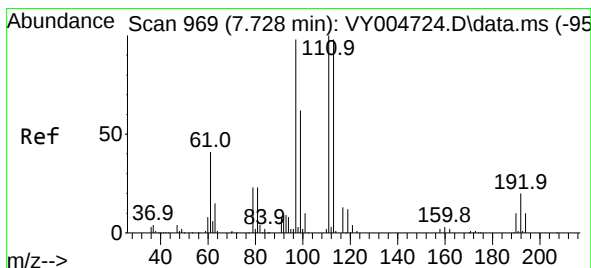
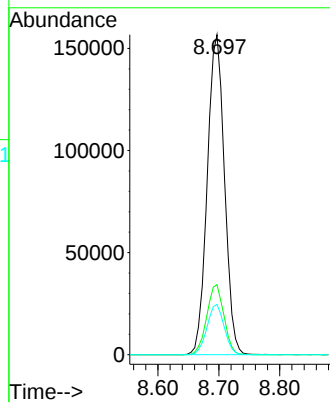
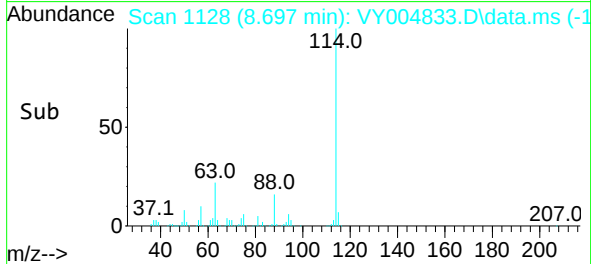


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY004833.D
Acq: 18 May 2021 17:47

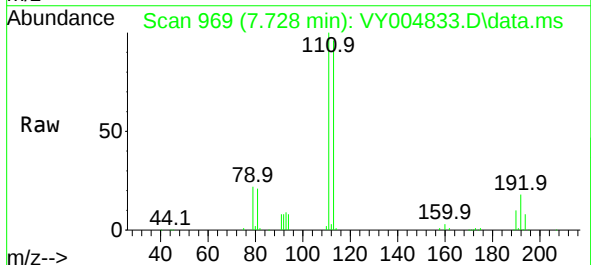
Instrument :
MSVOA_Y
ClientSampleId :



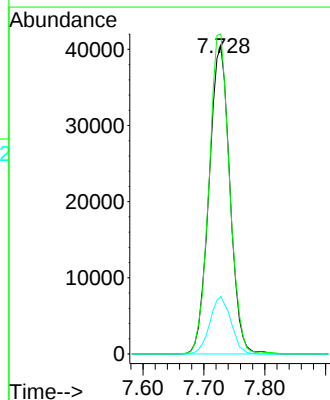
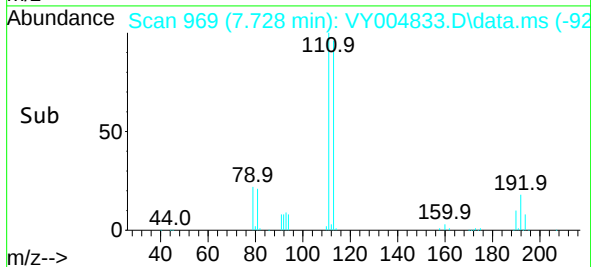
Tgt Ion:114 Resp: 307611
Ion Ratio Lower Upper
114 100
63 21.9 0.0 42.8
88 15.7 0.0 31.0

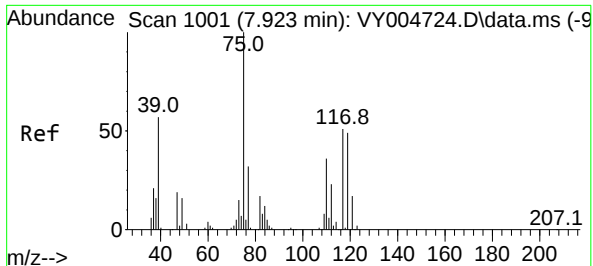


#35
Dibromofluoromethane
Concen: 57.05 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY004833.D
Acq: 18 May 2021 17:47



Tgt Ion:113 Resp: 96079
Ion Ratio Lower Upper
113 100
111 102.9 80.5 120.7
192 18.8 15.0 22.6





#36

1,1-Dichloropropene

Concen: 4.72 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.134 min

Lab File: VY004833.D

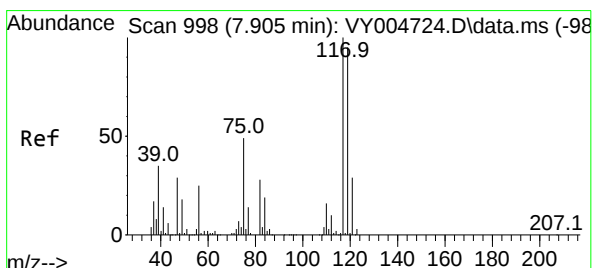
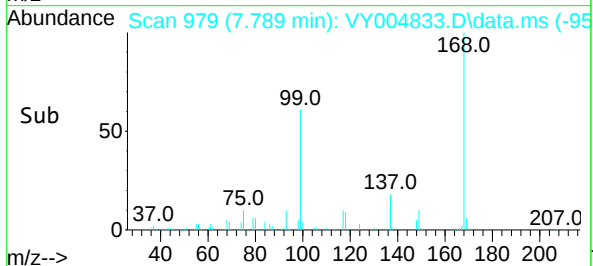
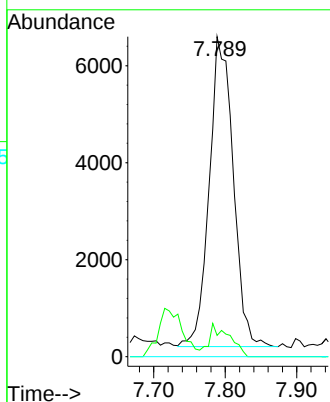
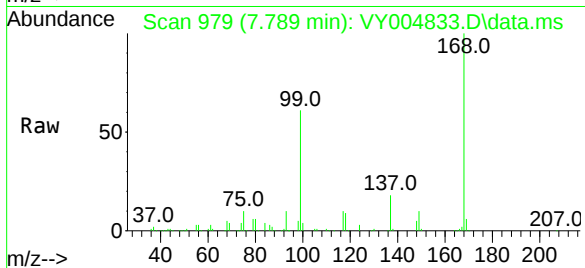
Acq: 18 May 2021 17:47

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	75	Resp:	14871
Ion Ratio	Lower	Upper	
75	100		
110	9.0	17.0	50.9#
77	0.0	25.0	37.4#



#38

Carbon Tetrachloride

Concen: 5.99 ug/l

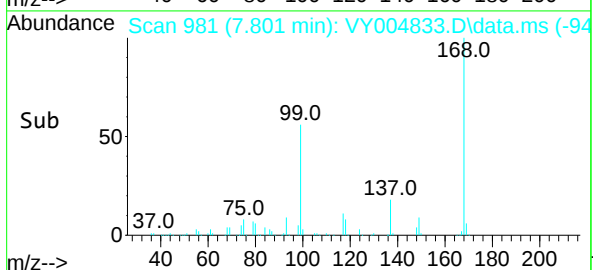
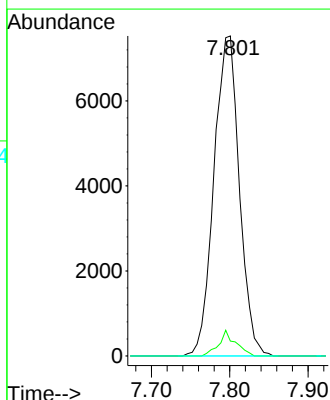
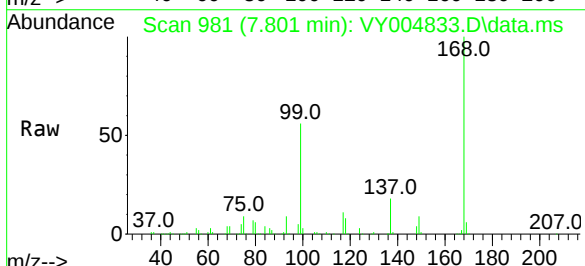
RT: 7.801 min Scan# 981

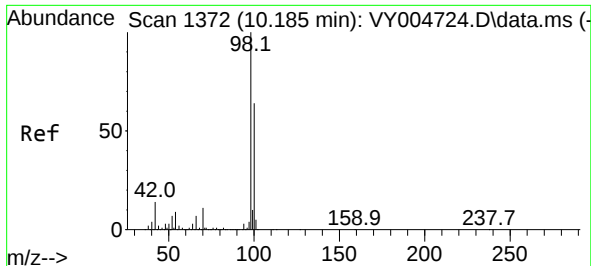
Delta R.T. -0.104 min

Lab File: VY004833.D

Acq: 18 May 2021 17:47

Tgt Ion:	117	Resp:	16979
Ion Ratio	Lower	Upper	
117	100		
119	4.6	76.3	114.5#
121	0.0	23.0	34.6#

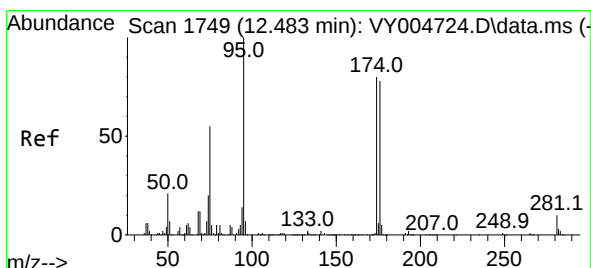
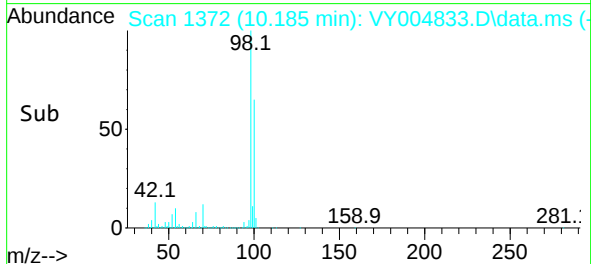
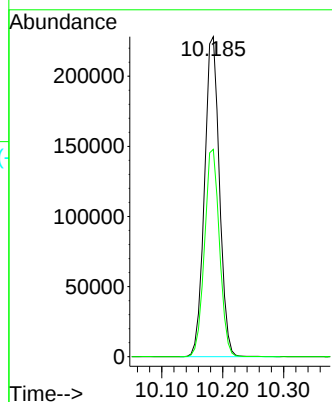
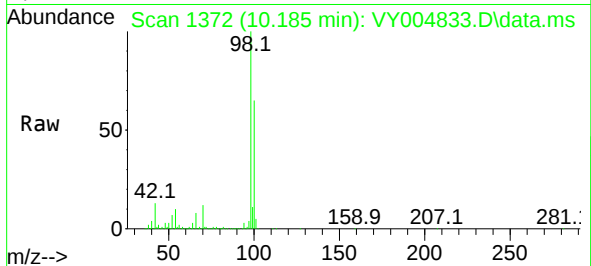




#50
Toluene-d8
Concen: 51.09 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY004833.D
Acq: 18 May 2021 17:47

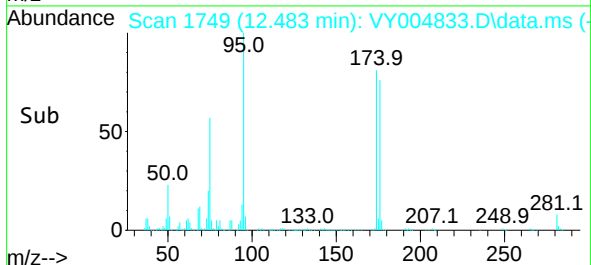
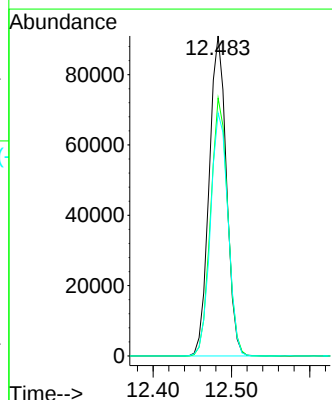
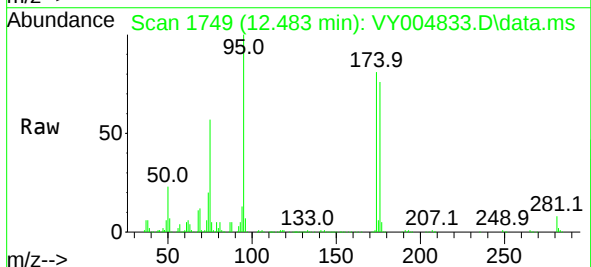
Instrument :
MSVOA_Y
ClientSampled :

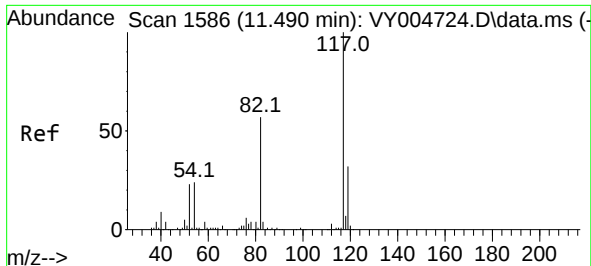
Tgt Ion: 98 Resp: 388656
Ion Ratio Lower Upper
98 100
100 64.9 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 54.19 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY004833.D
Acq: 18 May 2021 17:47

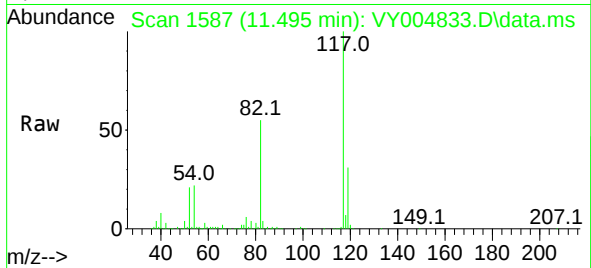
Tgt Ion: 95 Resp: 139141
Ion Ratio Lower Upper
95 100
174 79.8 0.0 164.2
176 77.1 0.0 159.0



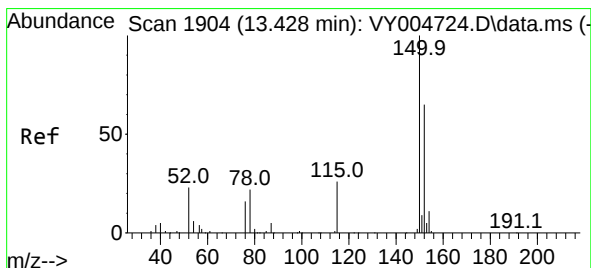
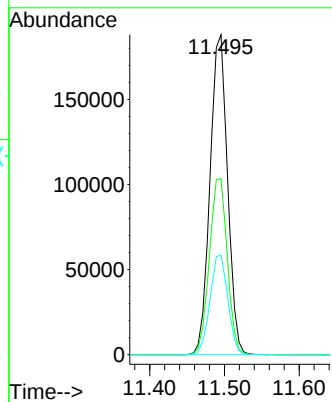
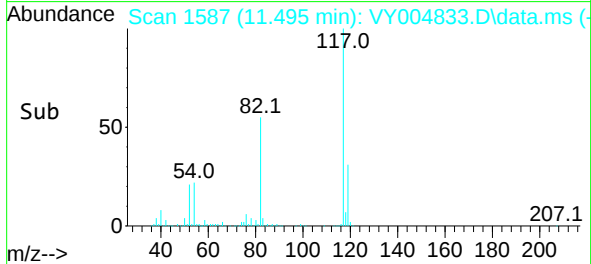


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY004833.D
Acq: 18 May 2021 17:47

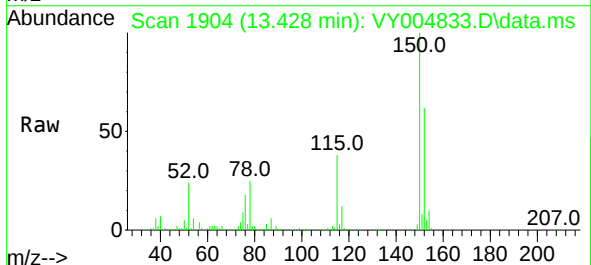
Instrument :
MSVOA_Y
ClientSampleId :



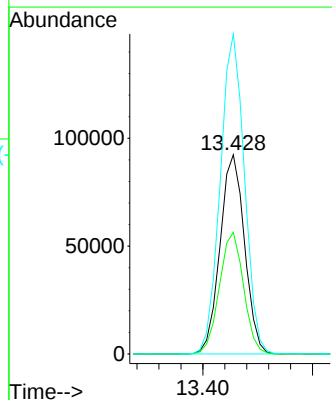
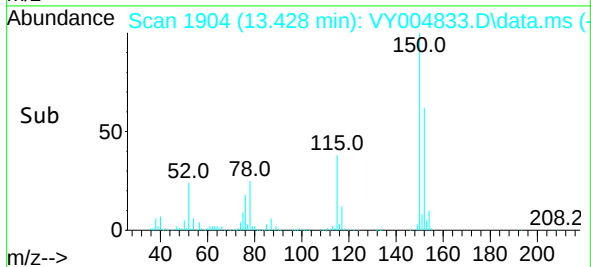
Tgt Ion:117 Resp: 306386
Ion Ratio Lower Upper
117 100
82 55.0 45.4 68.2
119 31.2 25.8 38.6

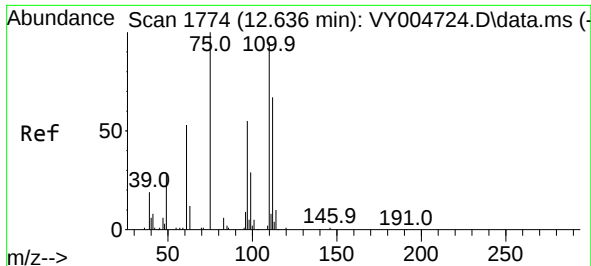


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY004833.D
Acq: 18 May 2021 17:47



Tgt Ion:152 Resp: 143450
Ion Ratio Lower Upper
152 100
115 60.2 29.4 88.3
150 158.3 0.0 349.8

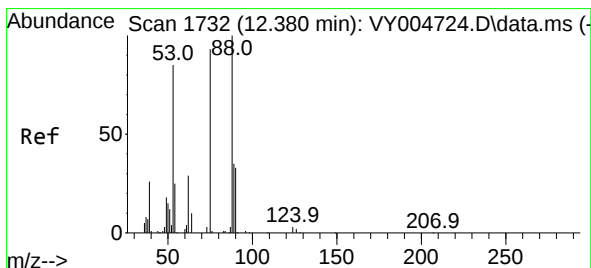
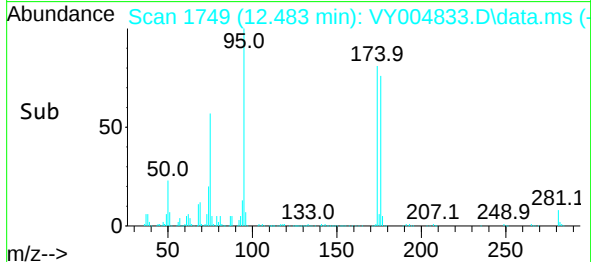
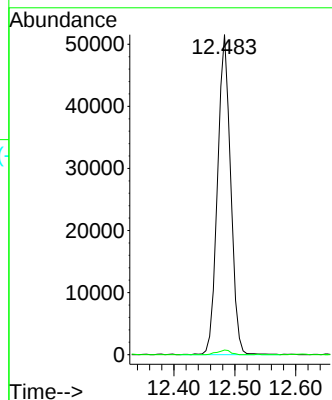
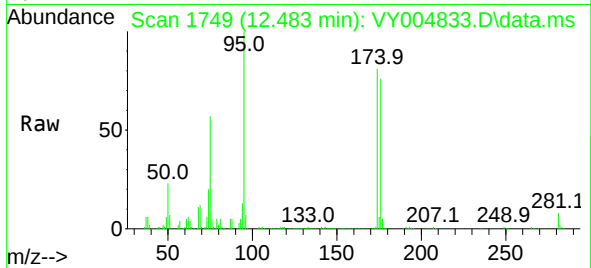




#76
1,2,3-Trichloropropane
Concen: 50.57 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY004833.D
Acq: 18 May 2021 17:47

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 75 Resp: 77050
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 87.68 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY004833.D
Acq: 18 May 2021 17:47

Tgt Ion: 75 Resp: 77050
Ion Ratio Lower Upper
75 100
53 0.1 73.9 110.9#
89 0.0 35.5 53.3#

