

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061721\
 Data File : VY005153.D
 Acq On : 17 Jun 2021 13:50
 Operator : SY/MD
 Sample : M2749-01
 Misc : 5.08G/5ML/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 18 03:01:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061521S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 16 04:40:35 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	156664	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	273033	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	270929	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	127017	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	99582	65.740	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	131.480%
35) Dibromofluoromethane	7.728	113	85186	72.814	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	145.620%
50) Toluene-d8	10.185	98	332458	57.155	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	114.300%
62) 4-Bromofluorobenzene	12.483	95	115430	59.004	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	118.000%

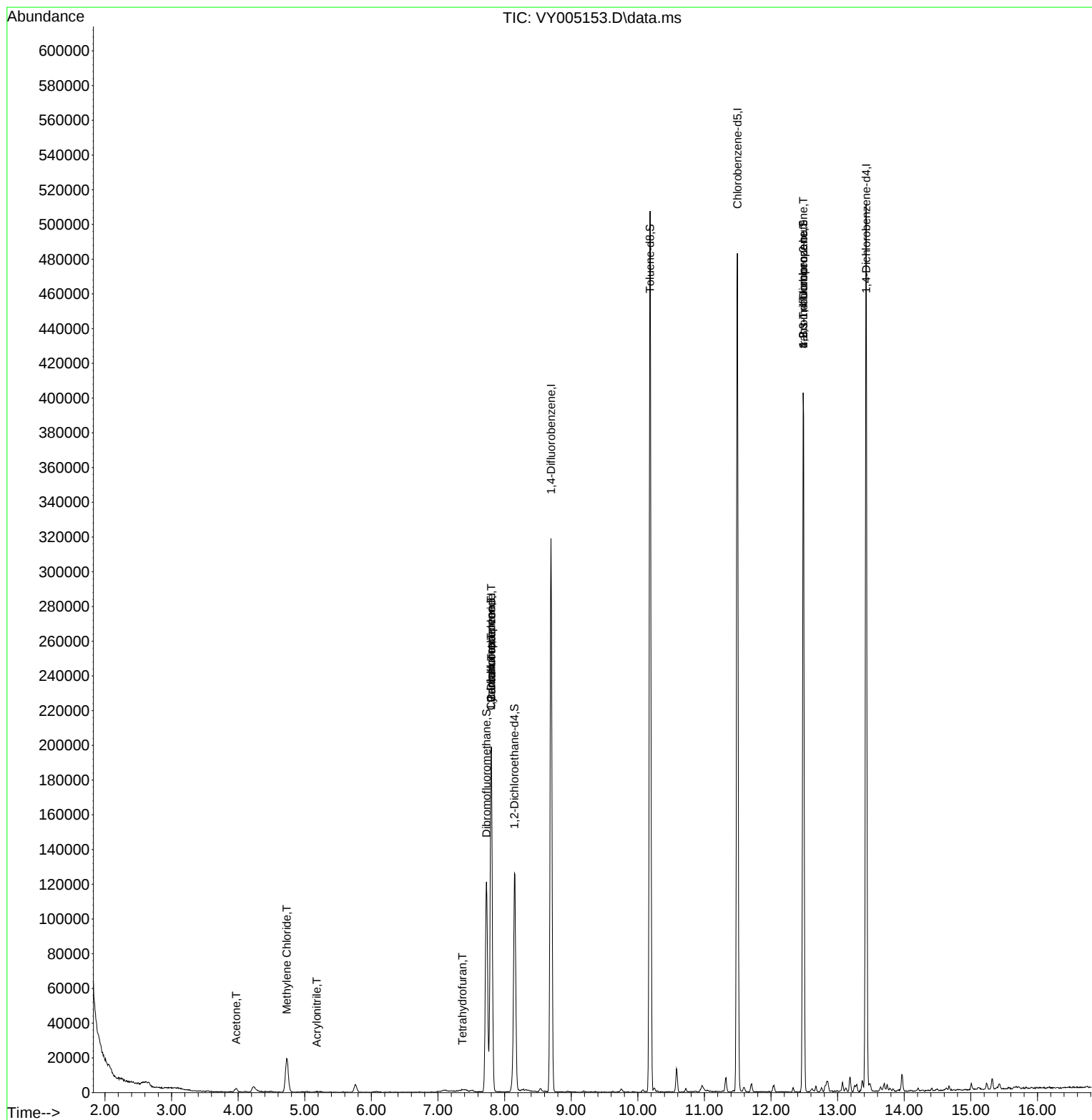
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.966	59	323	Below Cal	#	74
15) Acrylonitrile	5.180	53	545	1.304	ug/l #	73
16) Acetone	3.972	43	4123	13.382	ug/l	92
20) Methylene Chloride	4.728	84	15633	2.788	ug/l	94
29) Tetrahydrofuran	7.368	42	476	1.495	ug/l #	64
31) Cyclohexane	7.795	56	3375	1.310	ug/l #	6
36) 1,1-Dichloropropene	7.795	75	11353	4.541	ug/l #	49
38) Carbon Tetrachloride	7.801	117	15553	5.859	ug/l #	16
76) 1,2,3-Trichloropropane	12.483	75	61756	54.317	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	61756	101.333	ug/l #	11

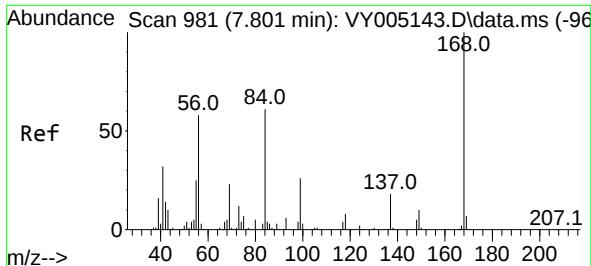
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 18 03:01:23 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061521S.M
Quant Title : SW846 8260
QLast Update : Wed Jun 16 04:40:35 2021
Response via : Initial Calibration

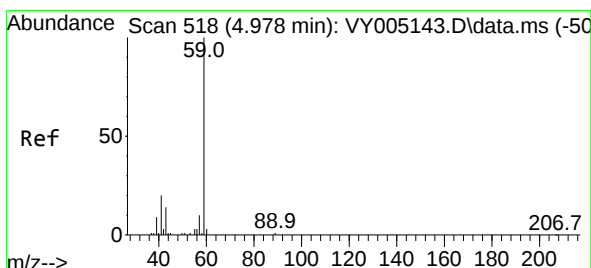
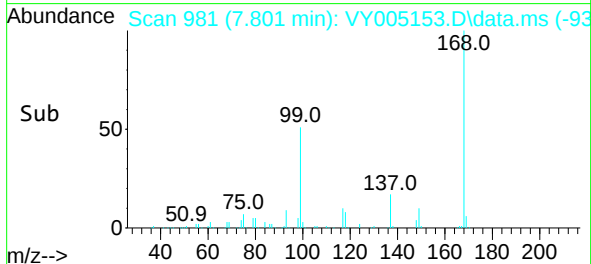
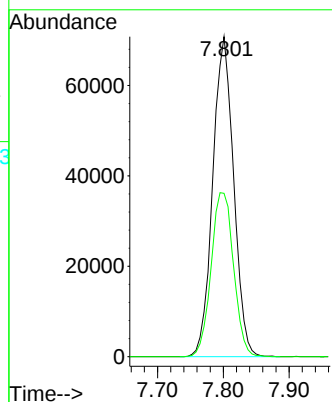
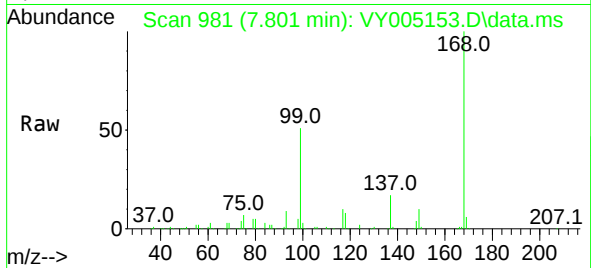




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005153.D
Acq: 17 Jun 2021 13:50

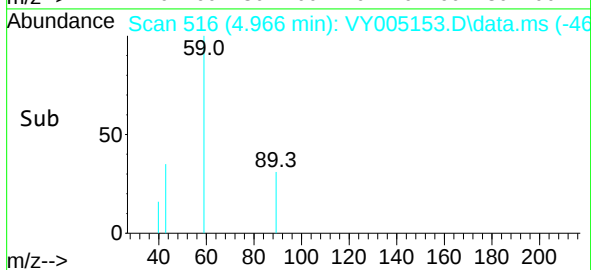
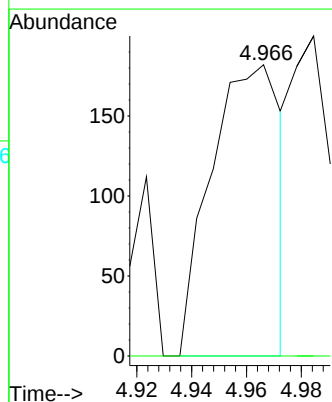
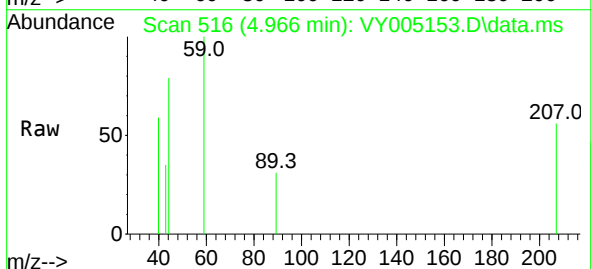
Instrument :
MSVOA_Y
ClientSampleId :

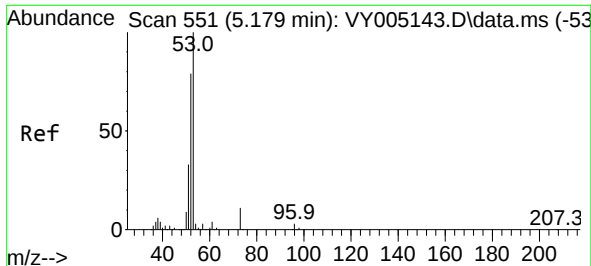
Tgt Ion:168 Resp: 156664
Ion Ratio Lower Upper
168 100
99 51.0 44.5 66.7



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.966 min Scan# 516
Delta R.T. -0.012 min
Lab File: VY005153.D
Acq: 17 Jun 2021 13:50

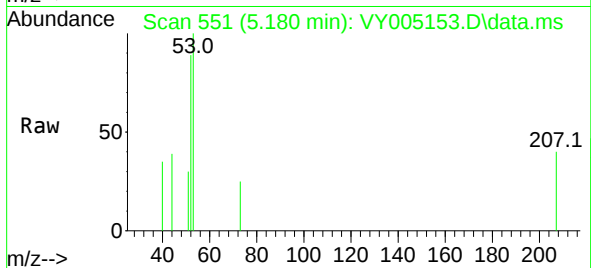
Tgt Ion: 59 Resp: 323
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#



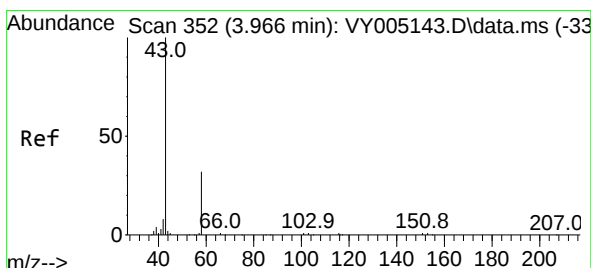
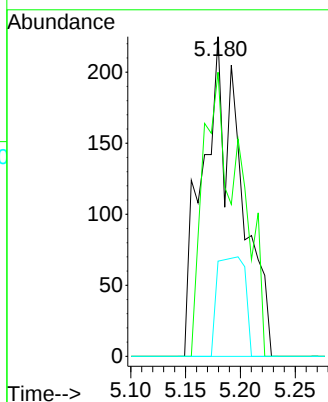
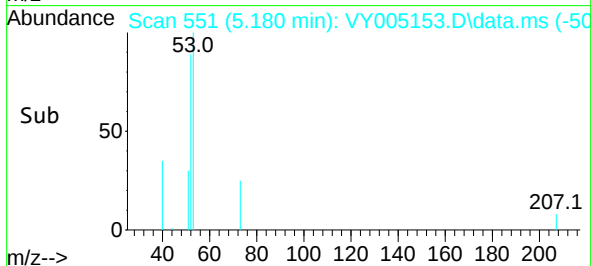


#15
Acrylonitrile
Concen: 1.304 ug/l
RT: 5.180 min Scan# 551
Delta R.T. 0.000 min
Lab File: VY005153.D
Acq: 17 Jun 2021 13:50

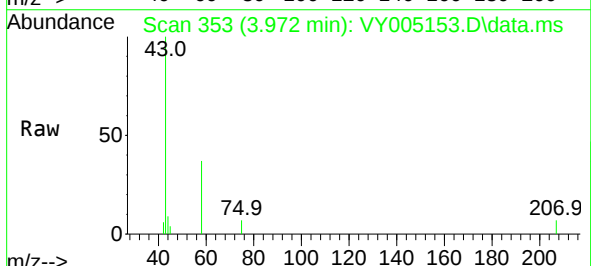
Instrument :
MSVOA_Y
ClientSampleId :



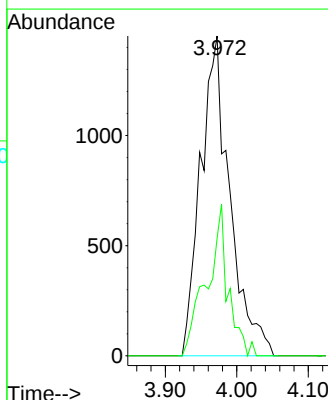
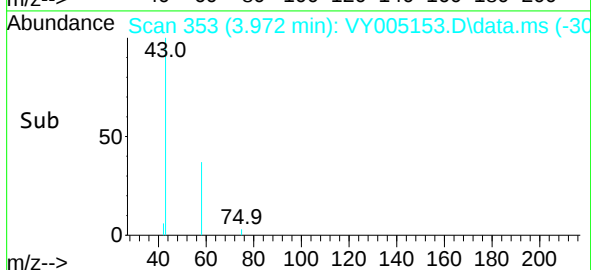
Tgt Ion: 53 Resp: 545
Ion Ratio Lower Upper
53 100
52 55.8 65.6 98.4#
51 22.6 28.8 43.2#

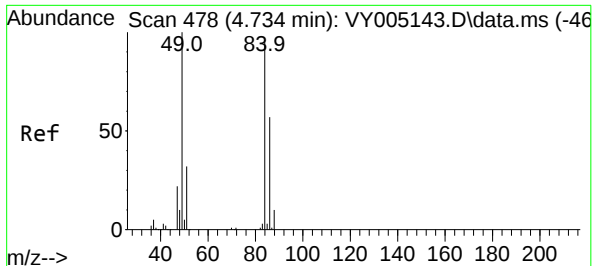


#16
Acetone
Concen: 13.382 ug/l
RT: 3.972 min Scan# 353
Delta R.T. 0.006 min
Lab File: VY005153.D
Acq: 17 Jun 2021 13:50



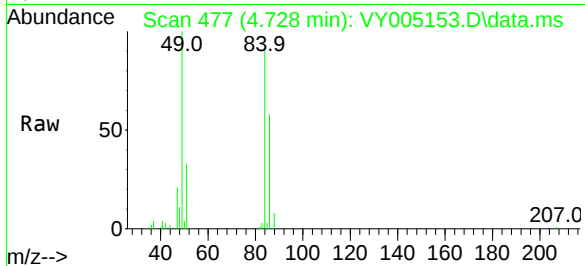
Tgt Ion: 43 Resp: 4123
Ion Ratio Lower Upper
43 100
58 36.7 25.6 38.4



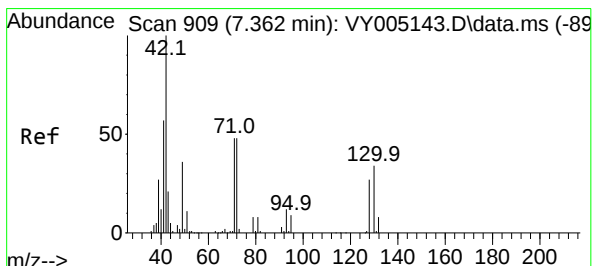
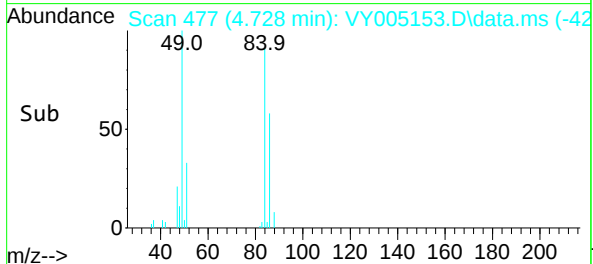
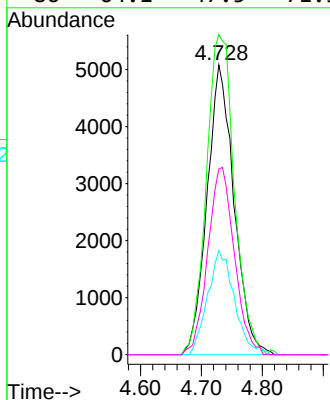


#20
Methylene Chloride
Concen: 2.788 ug/l
RT: 4.728 min Scan# 477
Delta R.T. -0.006 min
Lab File: VY005153.D
Acq: 17 Jun 2021 13:50

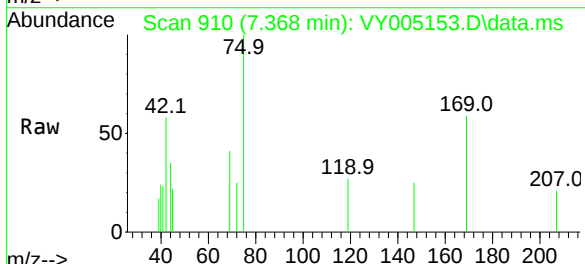
Instrument :
MSVOA_Y
ClientSampleId :



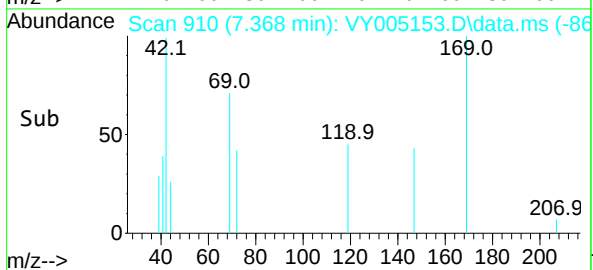
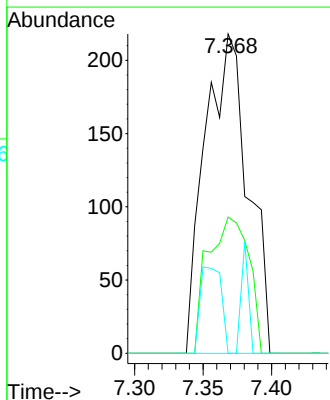
Tgt Ion:	84	Resp:	15633
Ion	Ratio	Lower	Upper
84	100		
49	110.4	83.4	125.2
51	36.0	26.8	40.2
86	64.1	47.5	71.3

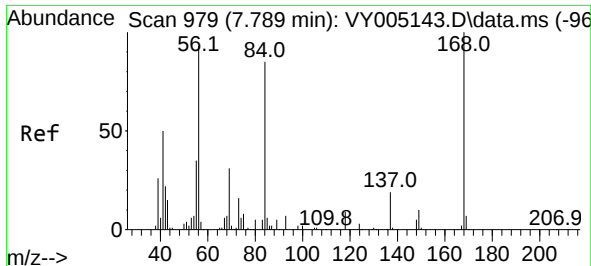


#29
Tetrahydrofuran
Concen: 1.495 ug/l
RT: 7.368 min Scan# 910
Delta R.T. 0.006 min
Lab File: VY005153.D
Acq: 17 Jun 2021 13:50



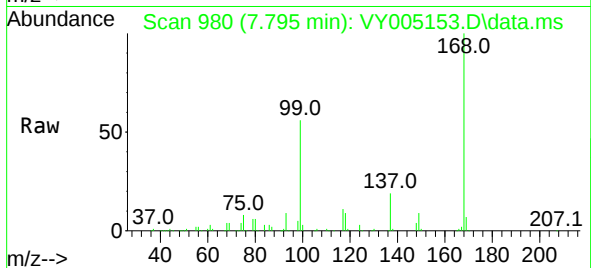
Tgt Ion:	42	Resp:	476
Ion	Ratio	Lower	Upper
42	100		
72	40.8	39.4	59.2
71	5.9	37.4	56.2#



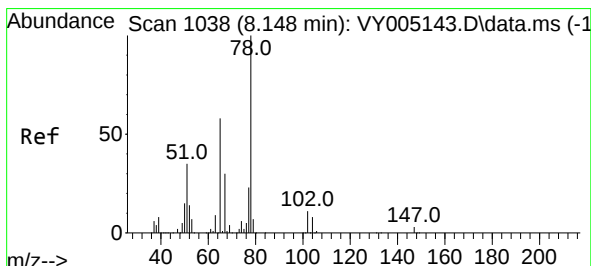
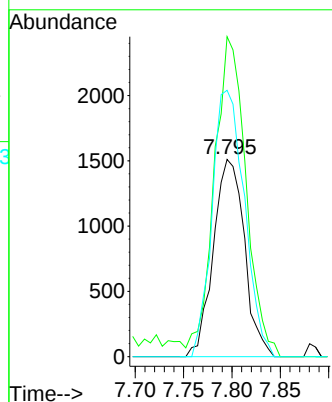
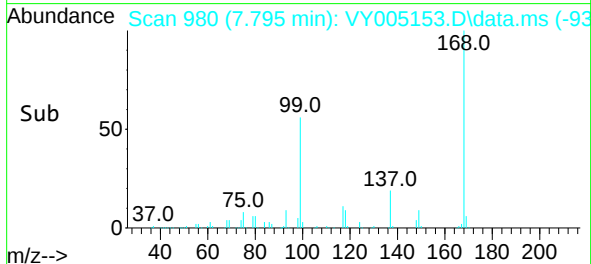


#31
Cyclohexane
Concen: 1.310 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY005153.D
Acq: 17 Jun 2021 13:50

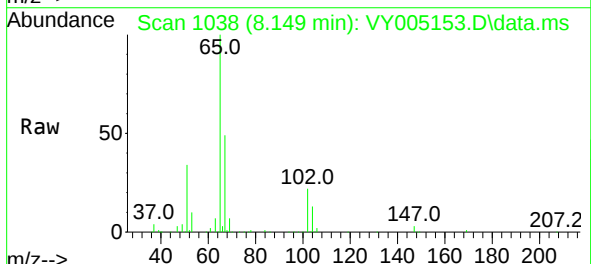
Instrument :
MSVOA_Y
ClientSampled :



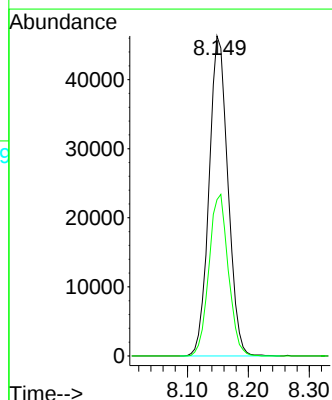
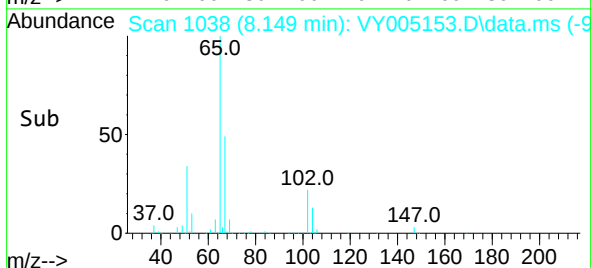
Tgt Ion: 56 Resp: 3375
Ion Ratio Lower Upper
56 100
69 162.2 26.3 39.5#
84 135.1 73.2 109.8#

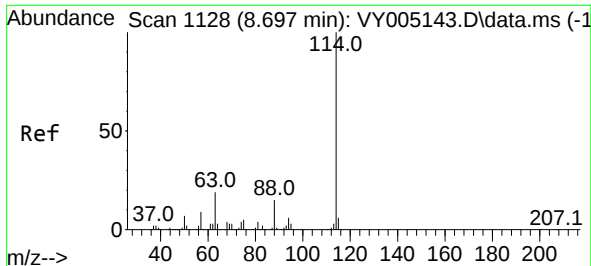


#33
1,2-Dichloroethane-d4
Concen: 65.740 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.001 min
Lab File: VY005153.D
Acq: 17 Jun 2021 13:50



Tgt Ion: 65 Resp: 99582
Ion Ratio Lower Upper
65 100
67 51.8 0.0 100.2

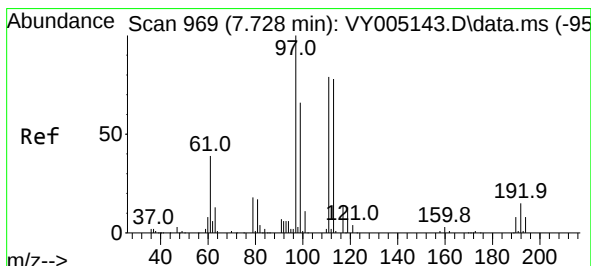
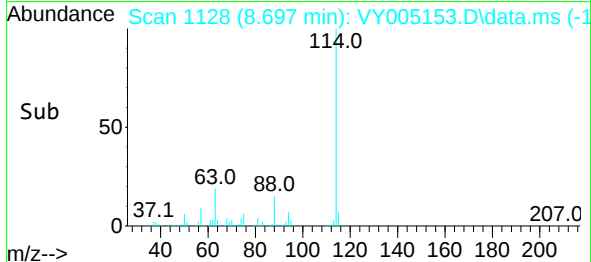
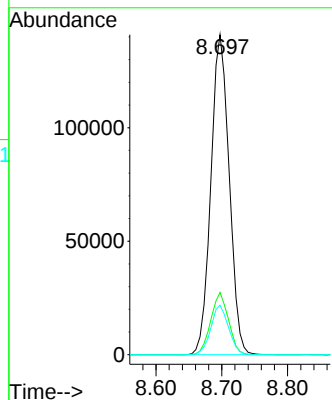
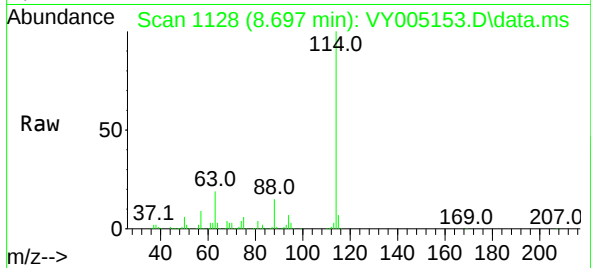




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.000 min
Lab File: VY005153.D
Acq: 17 Jun 2021 13:50

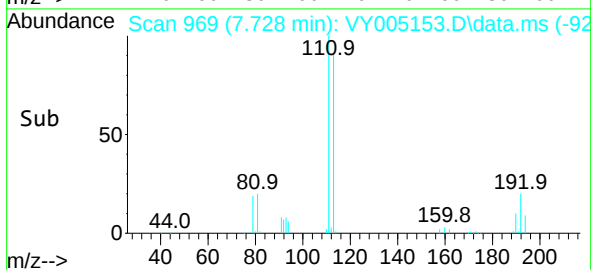
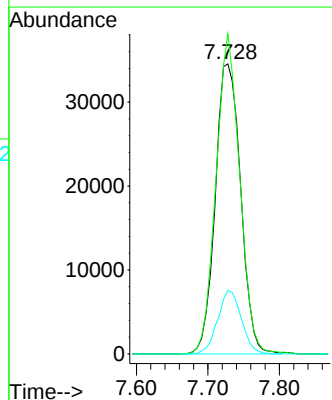
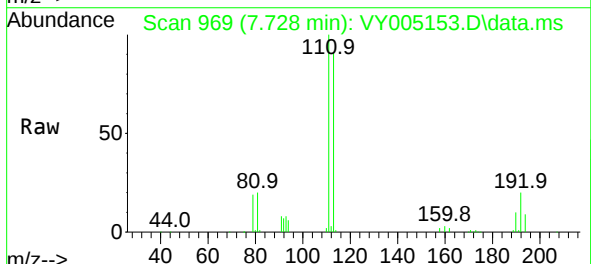
Instrument :
MSVOA_Y
ClientSampled :

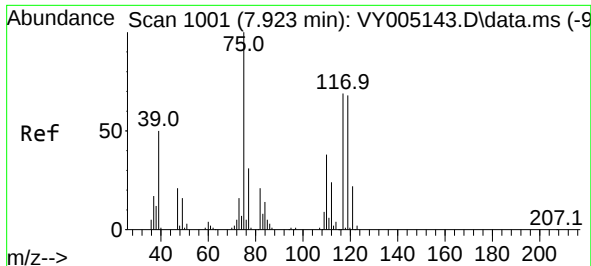
Tgt Ion:114 Resp: 273033
Ion Ratio Lower Upper
114 100
63 19.5 0.0 37.6
88 15.5 0.0 29.6



#35
Dibromofluoromethane
Concen: 72.814 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005153.D
Acq: 17 Jun 2021 13:50

Tgt Ion:113 Resp: 85186
Ion Ratio Lower Upper
113 100
111 103.2 82.3 123.5
192 20.4 16.2 24.2

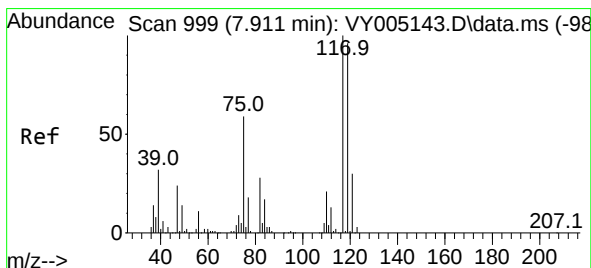
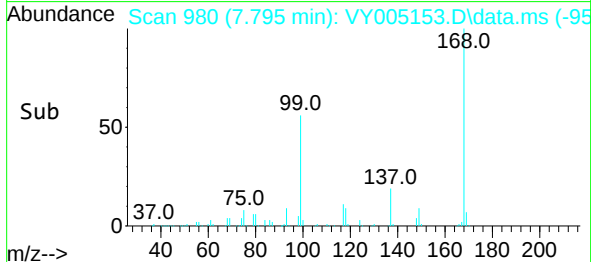
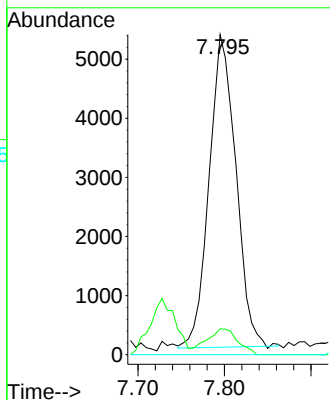
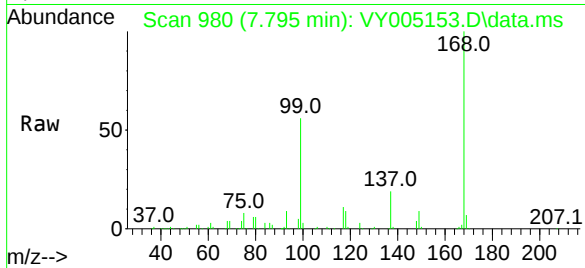




#36
1,1-Dichloropropene
Concen: 4.541 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005153.D
Acq: 17 Jun 2021 13:50

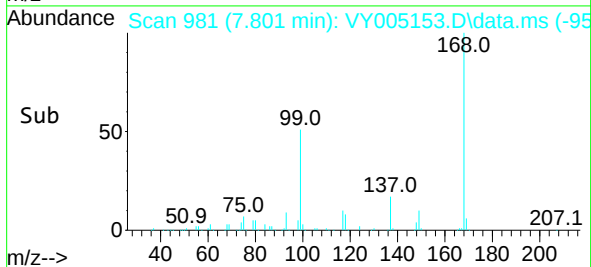
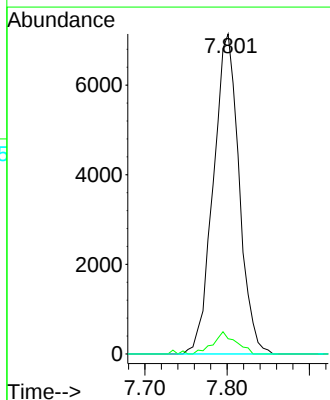
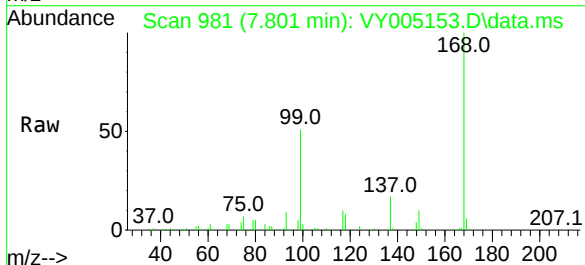
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MSVOA_Y
ClientSampleId :

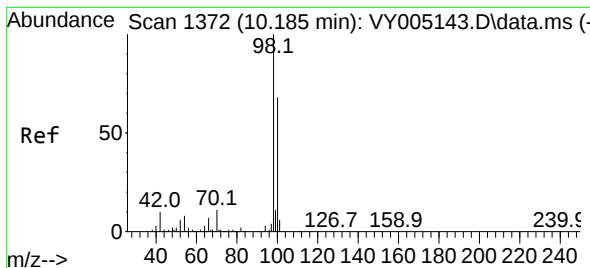
Tgt Ion: 75 Resp: 11353
Ion Ratio Lower Upper
75 100
110 9.4 18.8 56.3#
77 0.0 24.6 36.8#



#38
Carbon Tetrachloride
Concen: 5.859 ug/l
RT: 7.801 min Scan# 981
Delta R.T. -0.110 min
Lab File: VY005153.D
Acq: 17 Jun 2021 13:50

Tgt Ion: 117 Resp: 15553
Ion Ratio Lower Upper
117 100
119 4.8 76.9 115.3#
121 0.0 24.2 36.4#

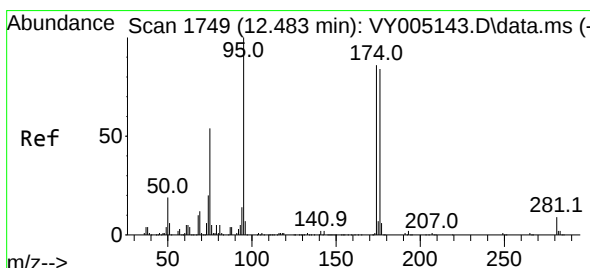
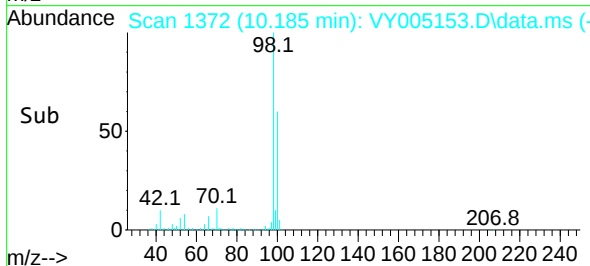
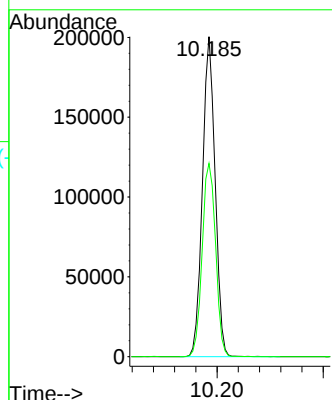
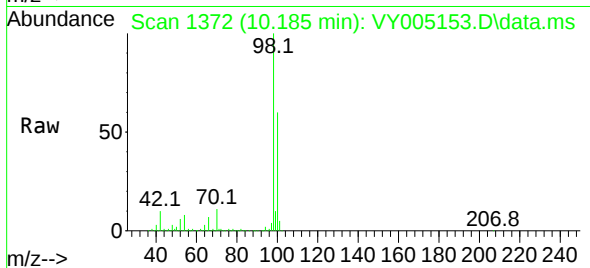




#50
Toluene-d8
Concen: 57.155 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY005153.D
Acq: 17 Jun 2021 13:50

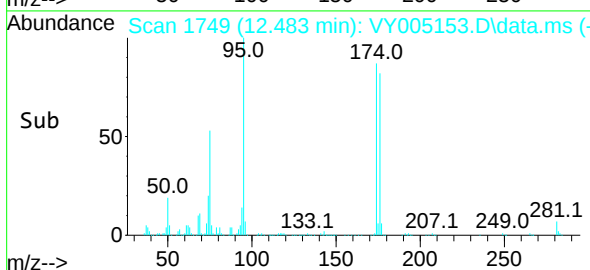
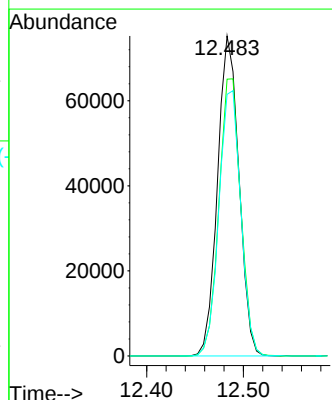
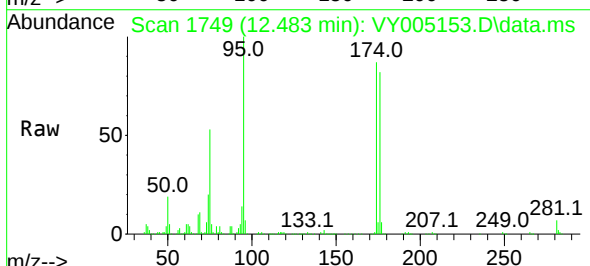
Instrument :
MSVOA_Y
ClientSampled :

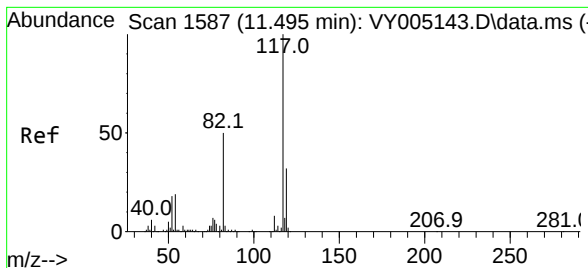
Tgt Ion: 98 Resp: 332458
Ion Ratio Lower Upper
98 100
100 64.0 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 59.004 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY005153.D
Acq: 17 Jun 2021 13:50

Tgt Ion: 95 Resp: 115430
Ion Ratio Lower Upper
95 100
174 87.9 0.0 179.2
176 85.0 0.0 174.0

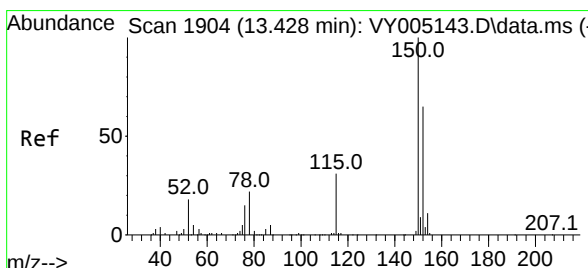
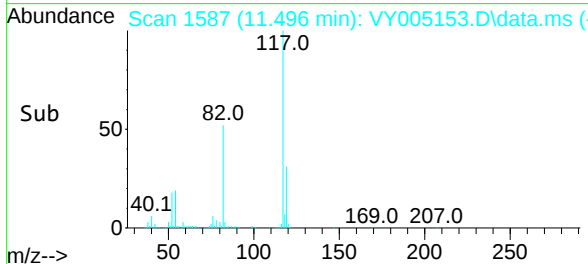
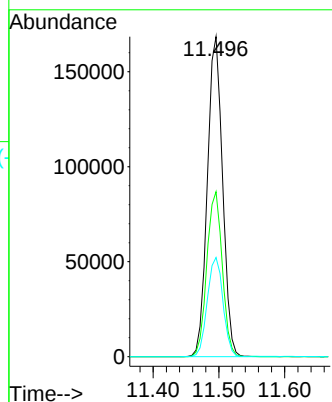
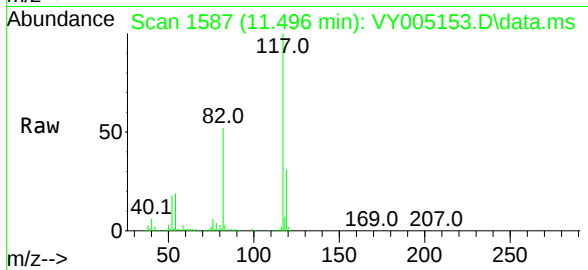




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY005153.D
Acq: 17 Jun 2021 13:50

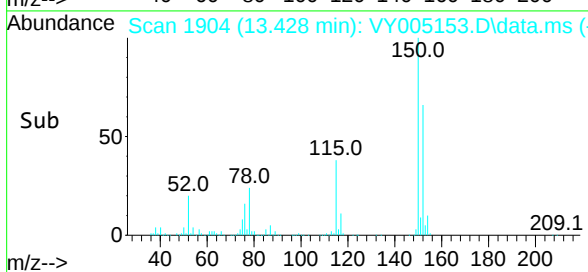
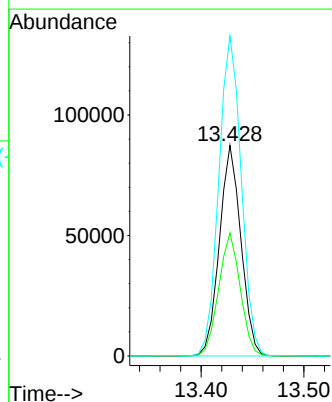
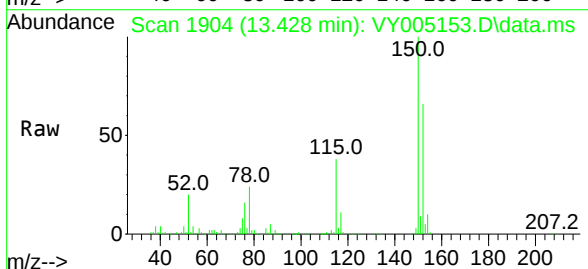
Instrument :
MSVOA_Y
ClientSampleId :

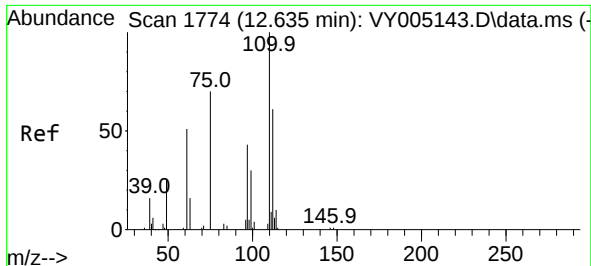
Tgt Ion:117 Resp: 270929
Ion Ratio Lower Upper
117 100
82 51.6 39.8 59.6
119 31.0 25.9 38.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY005153.D
Acq: 17 Jun 2021 13:50

Tgt Ion:152 Resp: 127017
Ion Ratio Lower Upper
152 100
115 58.6 29.5 88.6
150 158.3 0.0 348.2

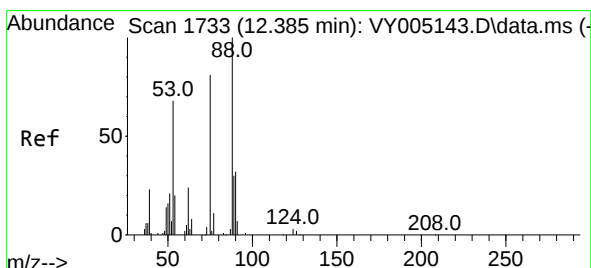
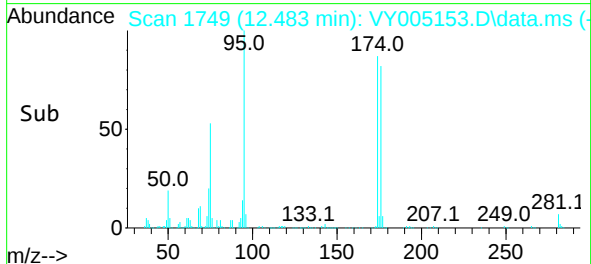
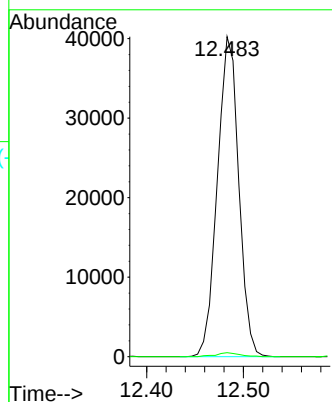
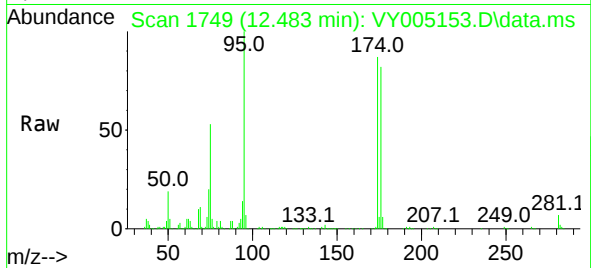




#76
1,2,3-Trichloropropane
Concen: 54.317 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005153.D
Acq: 17 Jun 2021 13:50

Instrument :
MSVOA_Y
ClientSampled :

Tgt Ion: 75 Resp: 61756
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 101.333 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.098 min
Lab File: VY005153.D
Acq: 17 Jun 2021 13:50

Tgt Ion: 75 Resp: 61756
Ion Ratio Lower Upper
75 100
53 0.0 73.2 109.8#
89 0.3 44.1 66.1#

