

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070221\
 Data File : VY005347.D
 Acq On : 02 Jul 2021 17:04
 Operator : SY/MD
 Sample : M2932-01
 Misc : 5.02G/5ML/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DRUM-1

Quant Time: Jul 05 01:07:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062221S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 23 07:57:52 2021
 Response via : Initial Calibration

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

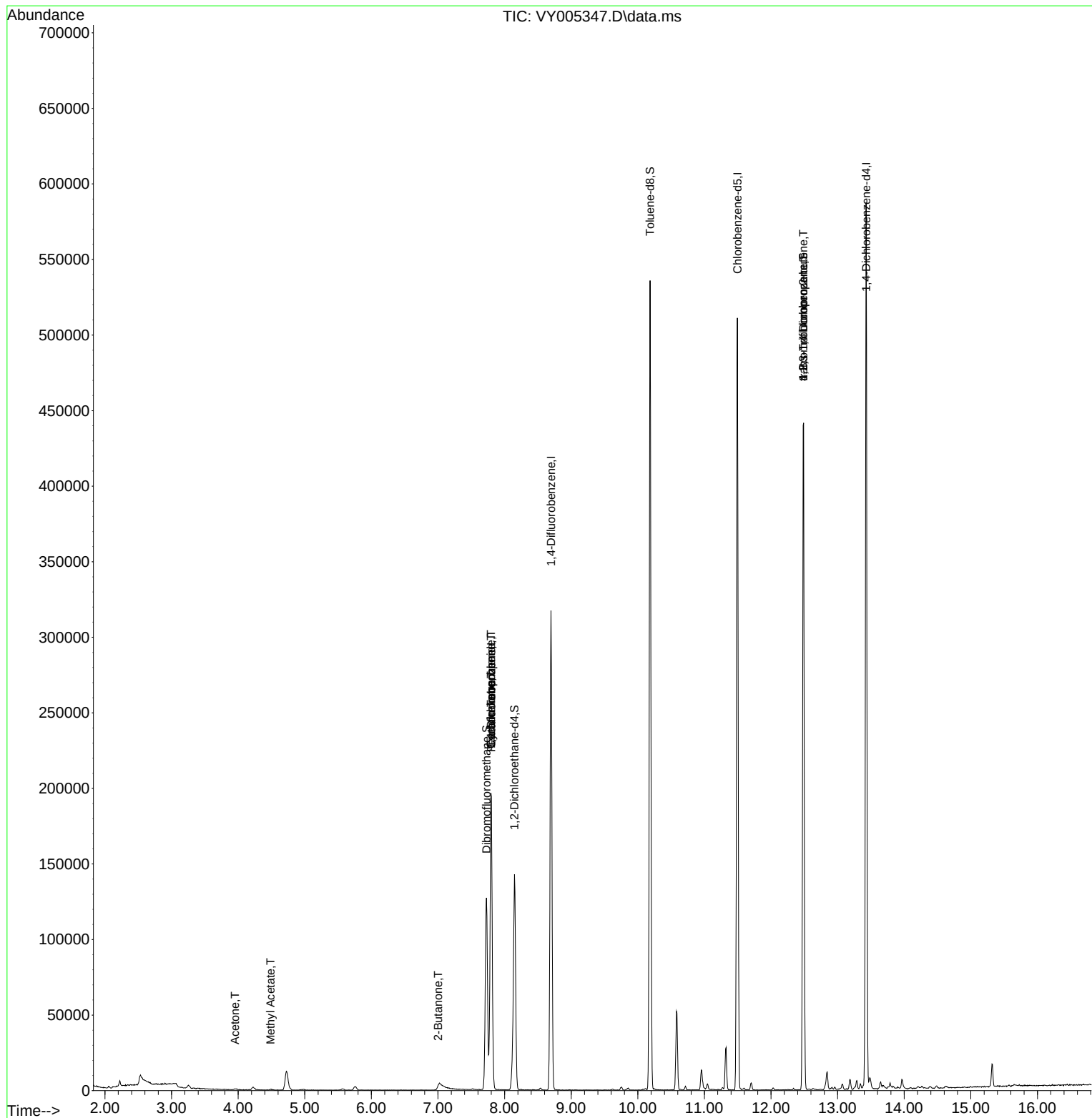
Internal Standards						
1) Pentafluorobenzene	7.801	168	167508	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	273821	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	290214	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	154063	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	105369	75.801	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 151.600%			
35) Dibromofluoromethane	7.728	113	89419	55.372	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.740%			
50) Toluene-d8	10.185	98	342391	53.018	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 106.040%			
62) 4-Bromofluorobenzene	12.483	95	121754	56.577	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 113.160%			
Target Compounds						
11) Tert butyl alcohol	4.978	59	1162	Below Cal	#	83
16) Acetone	3.954	43	1118	3.482	ug/l	94
18) Methyl Acetate	4.485	43	905	1.060	ug/l	# 86
20) Methylene Chloride	4.722	84	9520	Below Cal		93
25) 2-Butanone	7.002	43	543	1.160	ug/l	# 43
31) Cyclohexane	7.795	56	2855	1.150	ug/l	# 16
36) 1,1-Dichloropropene	7.795	75	10737	4.453	ug/l	# 47
38) Carbon Tetrachloride	7.795	117	14321	5.674	ug/l	# 16
76) 1,2,3-Trichloropropane	12.483	75	61793	45.224	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	61793	84.378	ug/l	# 17

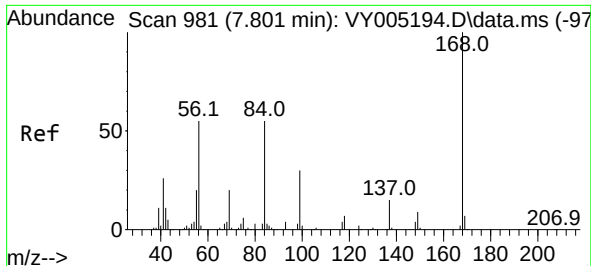
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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DRUM-1

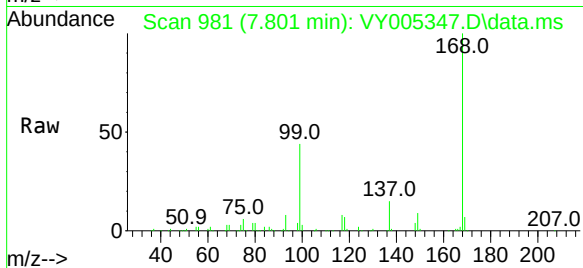
Quant Time: Jul 05 01:07:01 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062221S.M
Quant Title : SW846 8260
QLast Update : Wed Jun 23 07:57:52 2021
Response via : Initial Calibration



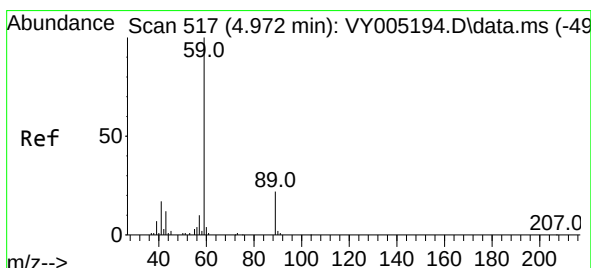
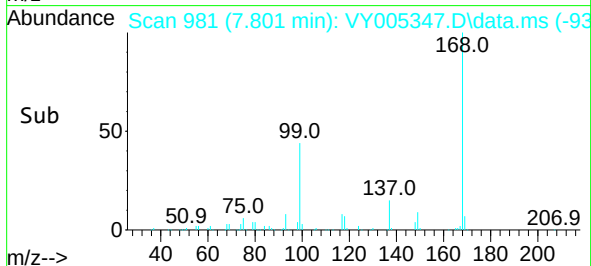
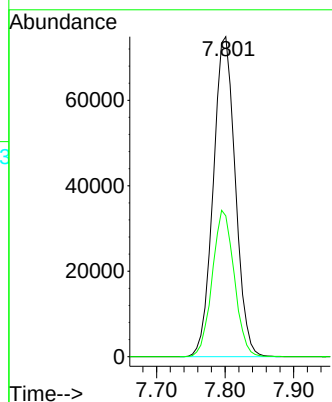


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY005347.D
Acq: 02 Jul 2021 17:04

Instrument :
MSVOA_Y
ClientSampleId :
DRUM-1

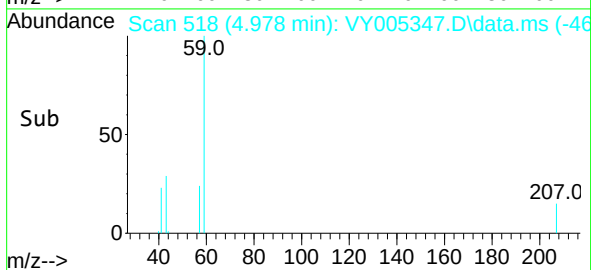
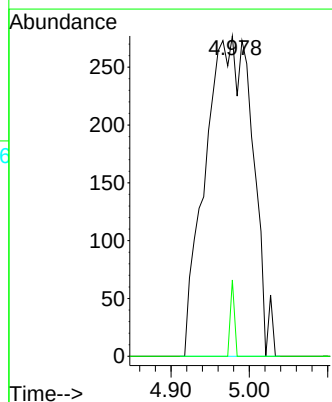
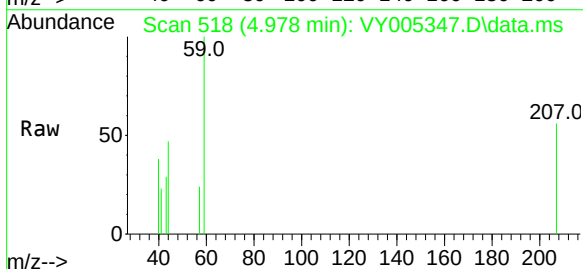


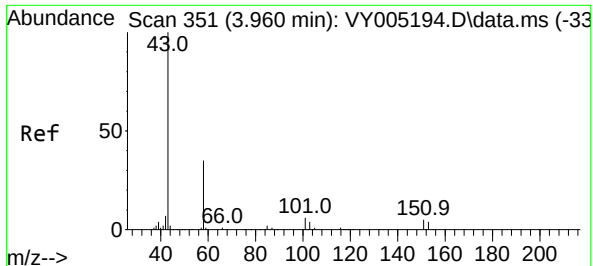
Tgt Ion:168 Resp: 167508
Ion Ratio Lower Upper
168 100
99 44.0 36.2 54.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.978 min Scan# 518
Delta R.T. 0.006 min
Lab File: VY005347.D
Acq: 02 Jul 2021 17:04

Tgt Ion: 59 Resp: 1162
Ion Ratio Lower Upper
59 100
57 2.1 6.5 9.7#

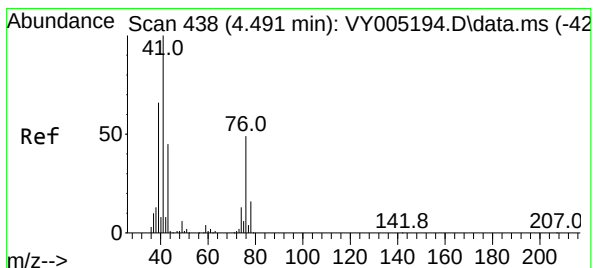
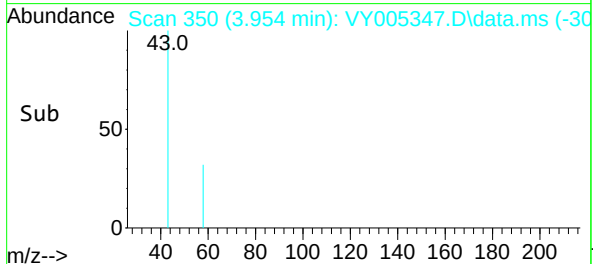
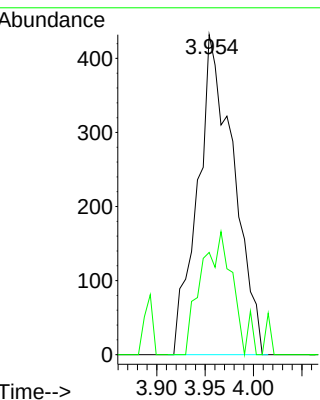
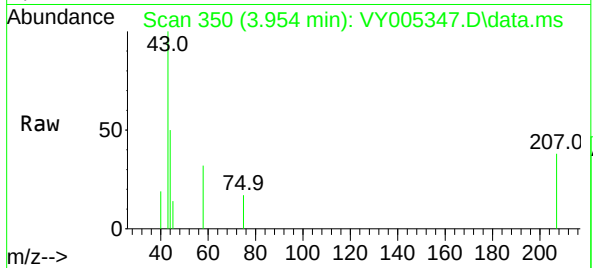




#16
Acetone
Concen: 3.482 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY005347.D
Acq: 02 Jul 2021 17:04

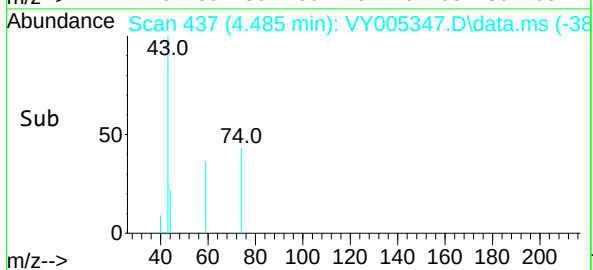
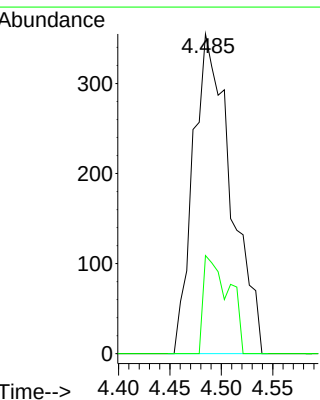
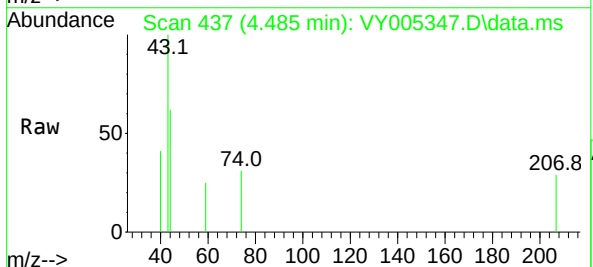
Instrument :
MSVOA_Y
ClientSampleId :
DRUM-1

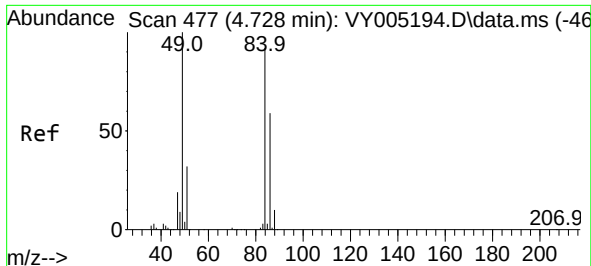
Tgt Ion: 43 Resp: 1118
Ion Ratio Lower Upper
43 100
58 31.9 28.2 42.2



#18
Methyl Acetate
Concen: 1.060 ug/l
RT: 4.485 min Scan# 437
Delta R.T. -0.006 min
Lab File: VY005347.D
Acq: 02 Jul 2021 17:04

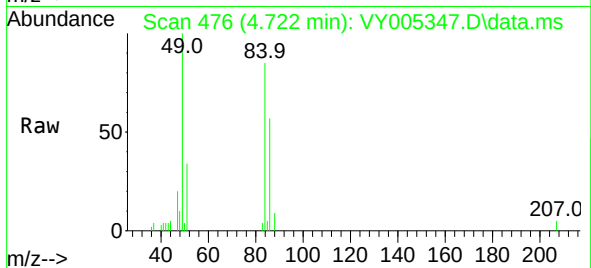
Tgt Ion: 43 Resp: 905
Ion Ratio Lower Upper
43 100
74 20.7 22.5 33.7#



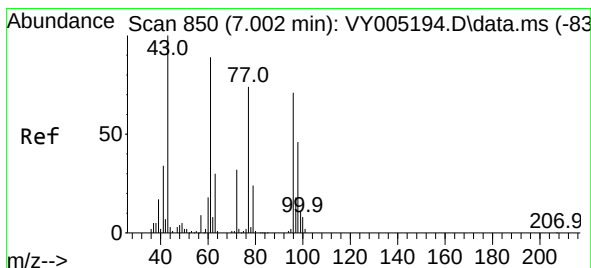
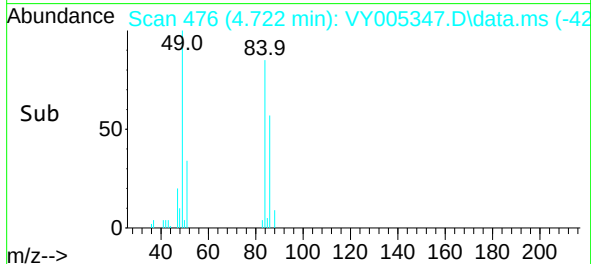
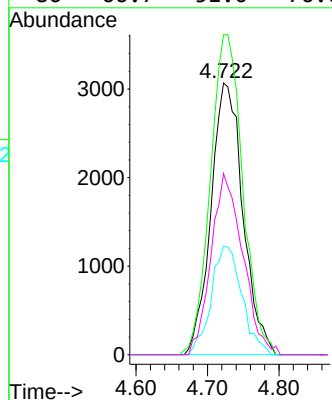


#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 476
Delta R.T. -0.006 min
Lab File: VY005347.D
Acq: 02 Jul 2021 17:04

Instrument :
MSVOA_Y
ClientSampleId :
DRUM-1

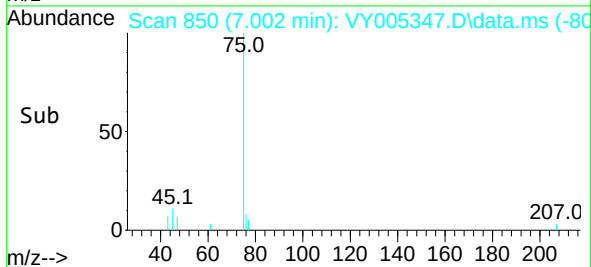
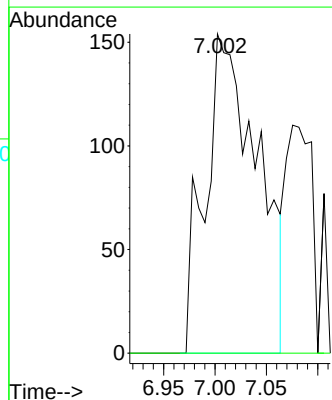
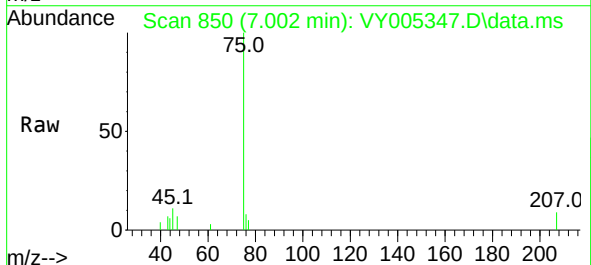


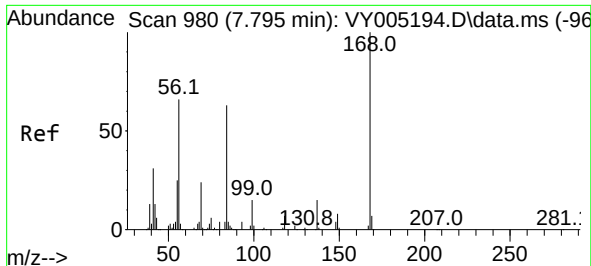
Tgt Ion:	84	Resp:	9520
Ion	Ratio	Lower	Upper
84	100		
49	117.8	86.9	130.3
51	39.8	27.4	41.2
86	66.7	51.0	76.6



#25
2-Butanone
Concen: 1.160 ug/l
RT: 7.002 min Scan# 850
Delta R.T. -0.000 min
Lab File: VY005347.D
Acq: 02 Jul 2021 17:04

Tgt Ion:	43	Resp:	543
Ion	Ratio	Lower	Upper
43	100		
72	0.0	25.3	37.9#

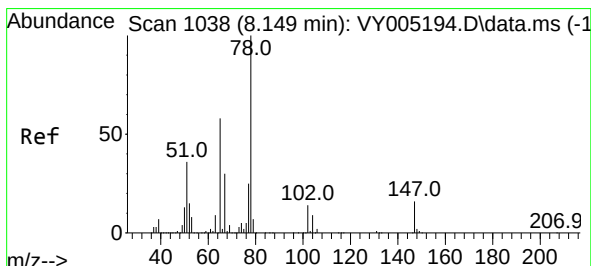
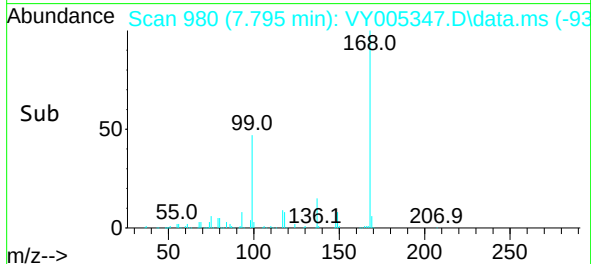
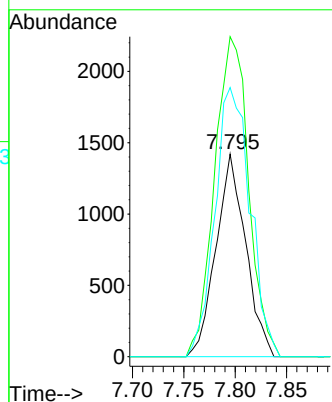
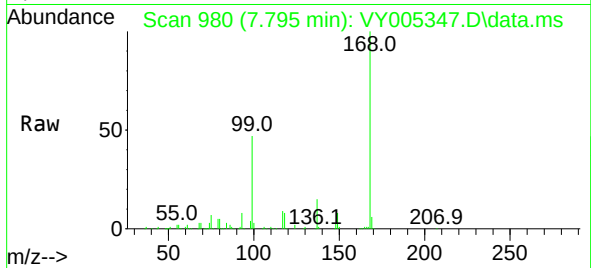




#31
Cyclohexane
Concen: 1.150 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.000 min
Lab File: VY005347.D
Acq: 02 Jul 2021 17:04

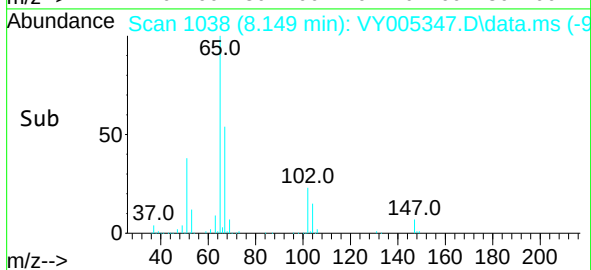
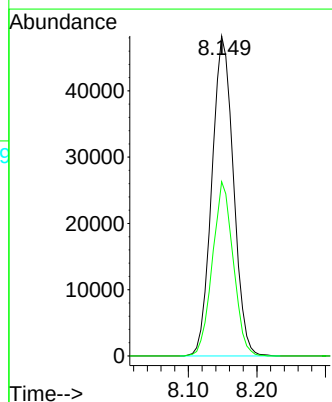
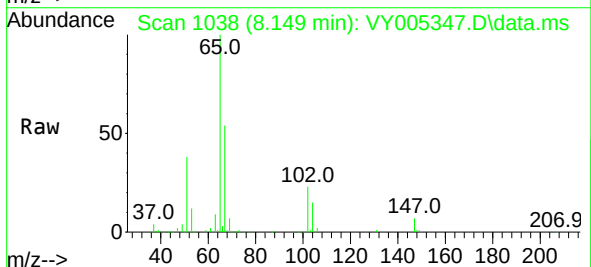
Instrument :
MSVOA_Y
ClientSampleId :
DRUM-1

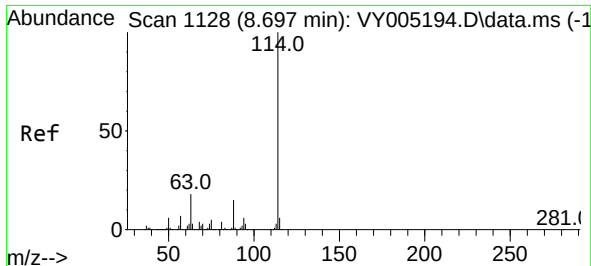
Tgt Ion: 56 Resp: 2855
Ion Ratio Lower Upper
56 100
69 158.0 29.6 44.4#
84 132.8 76.4 114.6#



#33
1,2-Dichloroethane-d4
Concen: 75.801 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY005347.D
Acq: 02 Jul 2021 17:04

Tgt Ion: 65 Resp: 105369
Ion Ratio Lower Upper
65 100
67 52.7 0.0 110.6

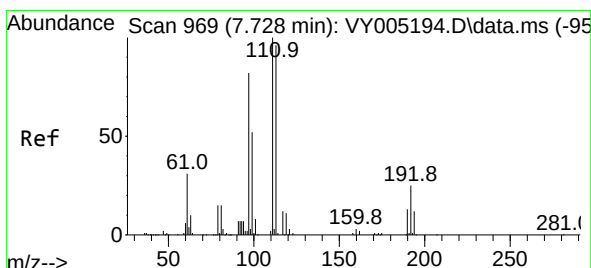
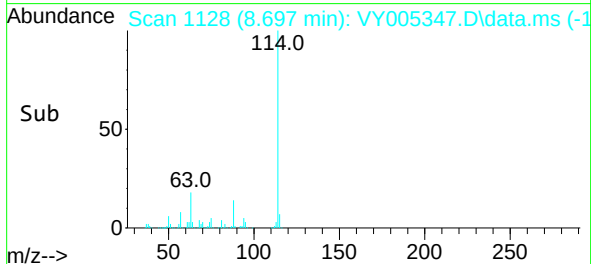
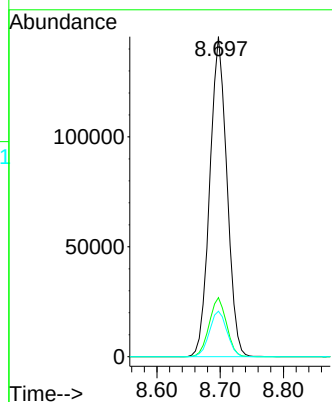
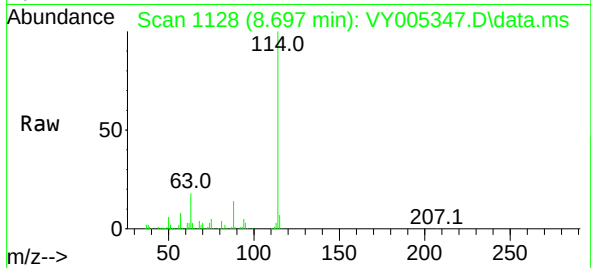




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VY005347.D
Acq: 02 Jul 2021 17:04

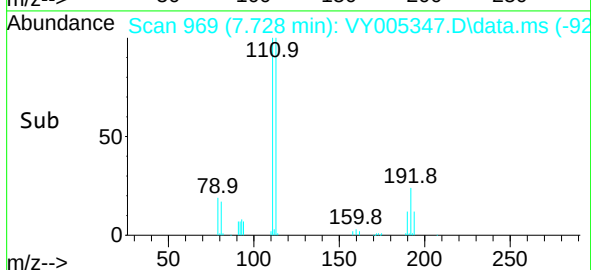
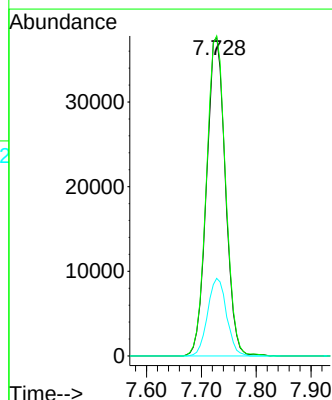
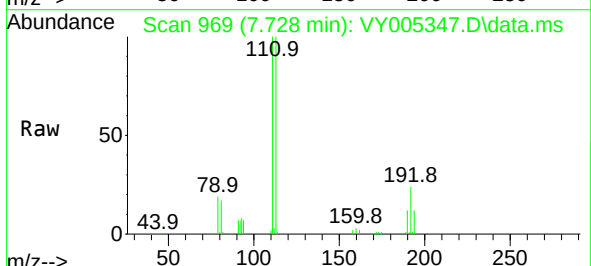
Instrument :
MSVOA_Y
ClientSampled :
DRUM-1

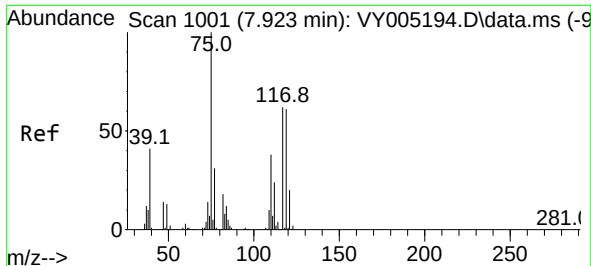
Tgt Ion:114 Resp: 273821
Ion Ratio Lower Upper
114 100
63 18.4 0.0 35.2
88 14.2 0.0 29.4



#35
Dibromofluoromethane
Concen: 55.372 ug/l
RT: 7.728 min Scan# 969
Delta R.T. -0.000 min
Lab File: VY005347.D
Acq: 02 Jul 2021 17:04

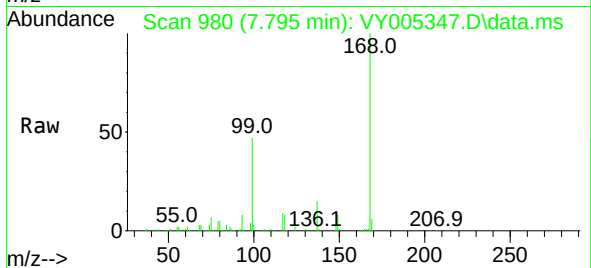
Tgt Ion:113 Resp: 89419
Ion Ratio Lower Upper
113 100
111 102.4 82.6 124.0
192 24.4 20.2 30.2



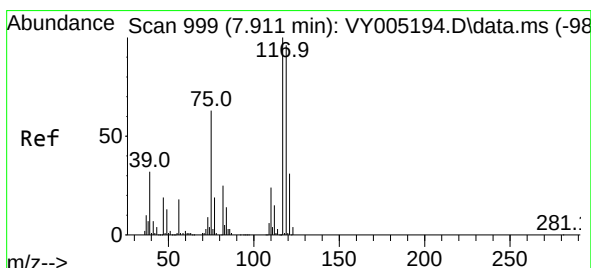
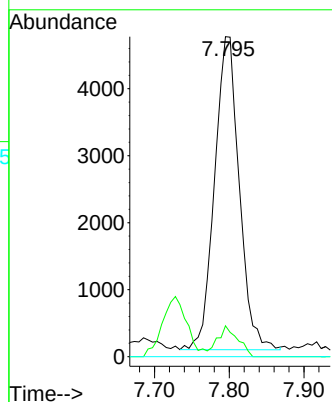
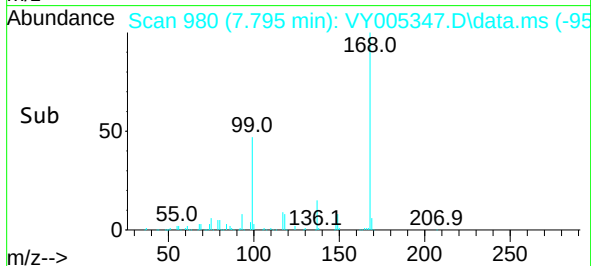


#36
1,1-Dichloropropene
Concen: 4.453 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY005347.D
Acq: 02 Jul 2021 17:04

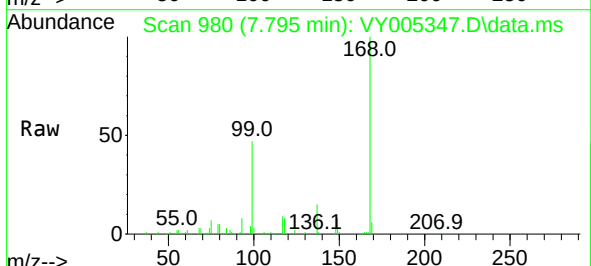
Instrument :
MSVOA_Y
ClientSampled :
DRUM-1



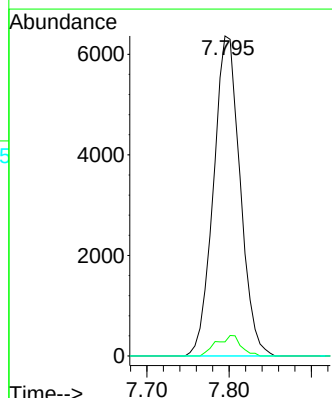
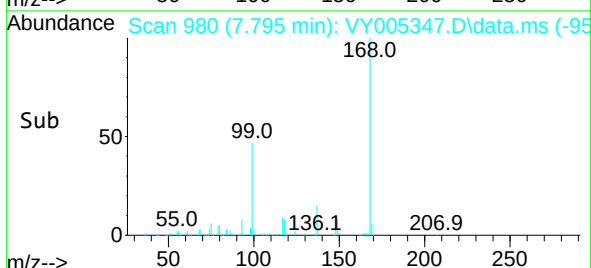
Tgt Ion: 75 Resp: 10737
Ion Ratio Lower Upper
75 100
110 8.0 19.1 57.5#
77 0.0 25.2 37.8#

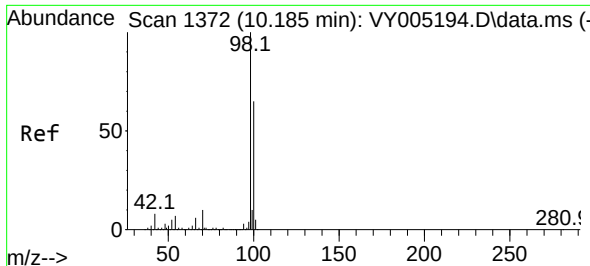


#38
Carbon Tetrachloride
Concen: 5.674 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.116 min
Lab File: VY005347.D
Acq: 02 Jul 2021 17:04



Tgt Ion: 117 Resp: 14321
Ion Ratio Lower Upper
117 100
119 4.4 76.2 114.4#
121 0.0 24.7 37.1#

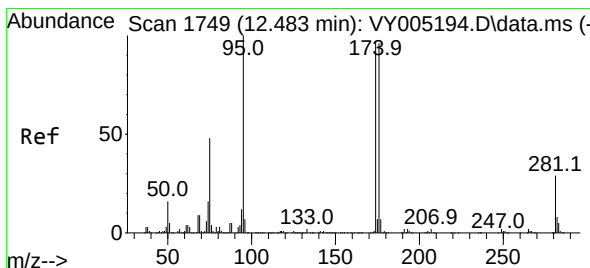
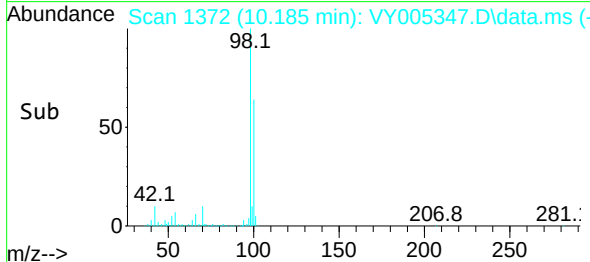
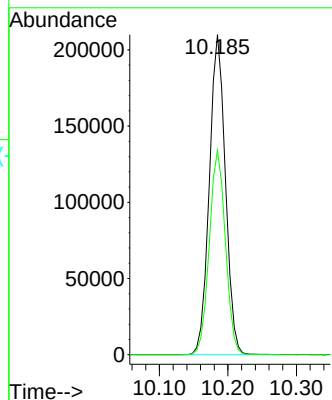
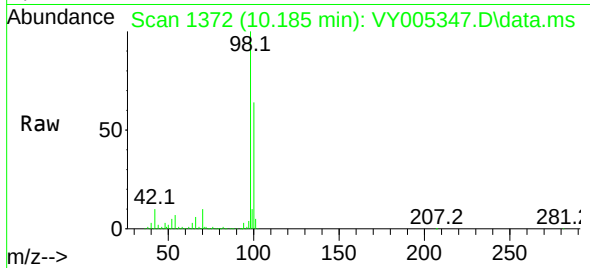




#50
Toluene-d8
Concen: 53.018 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY005347.D
Acq: 02 Jul 2021 17:04

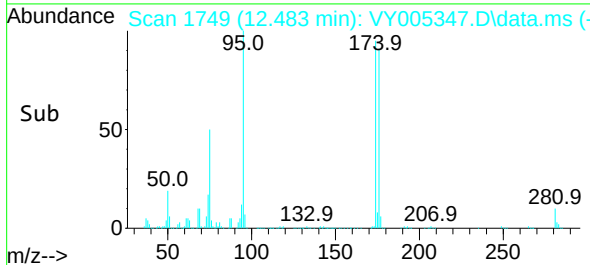
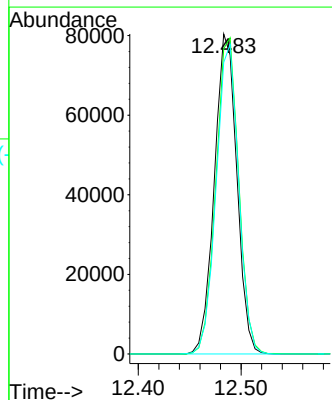
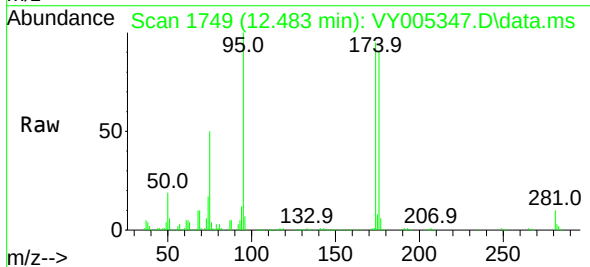
Instrument :
MSVOA_Y
ClientSampleId :
DRUM-1

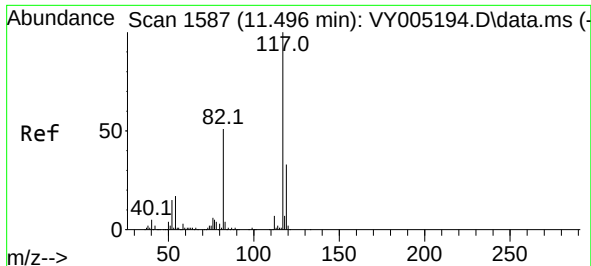
Tgt Ion: 98 Resp: 342391
Ion Ratio Lower Upper
98 100
100 64.1 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 56.577 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY005347.D
Acq: 02 Jul 2021 17:04

Tgt Ion: 95 Resp: 121754
Ion Ratio Lower Upper
95 100
174 100.2 0.0 201.6
176 96.6 0.0 197.4

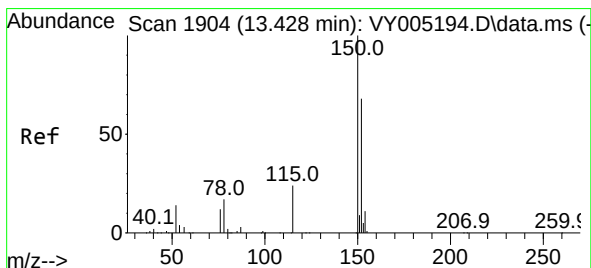
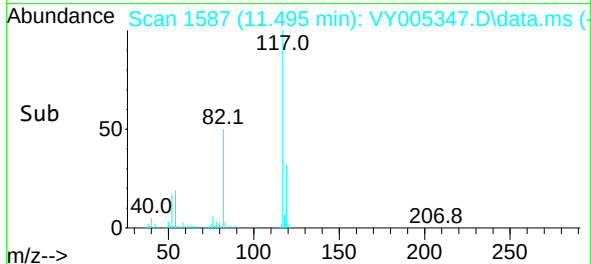
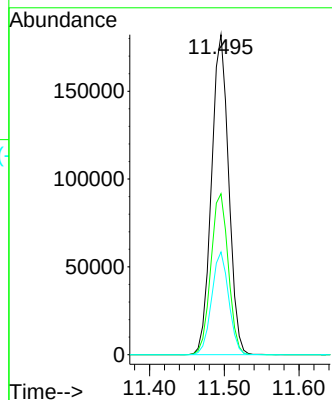
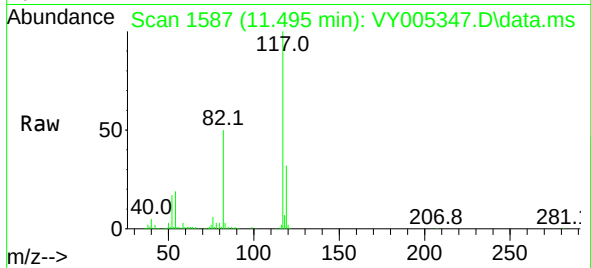




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VY005347.D
Acq: 02 Jul 2021 17:04

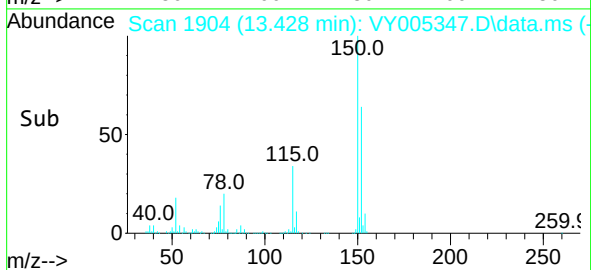
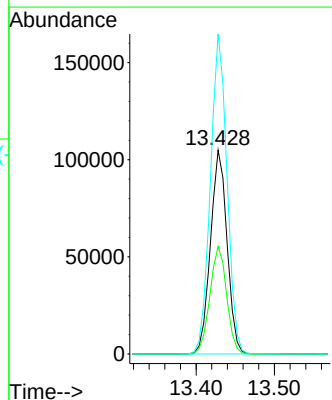
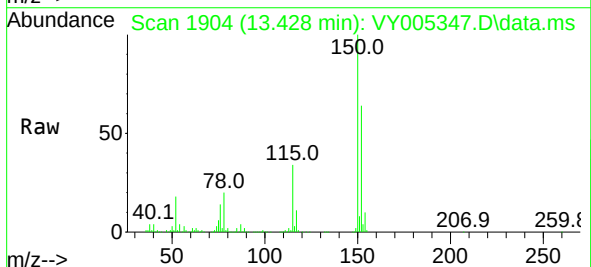
Instrument :
MSVOA_Y
ClientSampleId :
DRUM-1

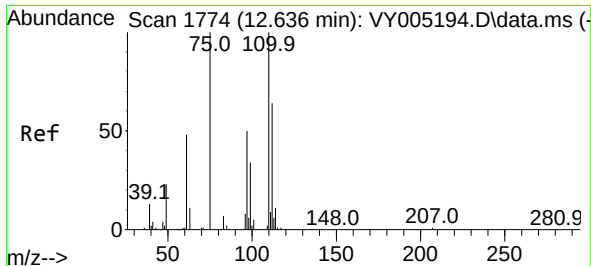
Tgt Ion:117 Resp: 290214
Ion Ratio Lower Upper
117 100
82 50.3 40.6 60.8
119 32.1 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY005347.D
Acq: 02 Jul 2021 17:04

Tgt Ion:152 Resp: 154063
Ion Ratio Lower Upper
152 100
115 53.2 26.3 78.8
150 157.0 0.0 344.2

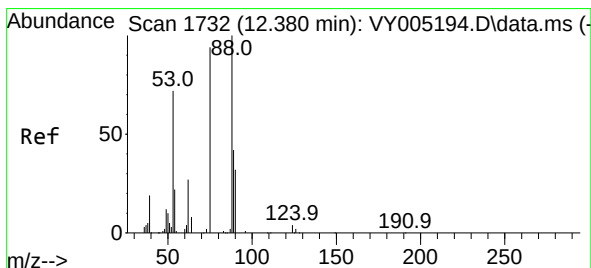
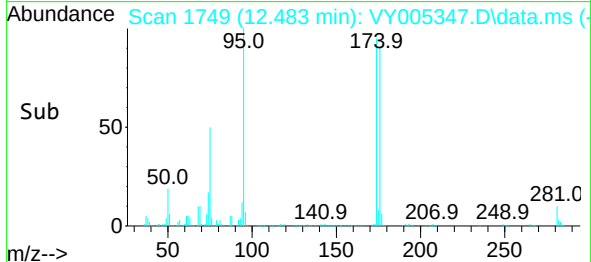
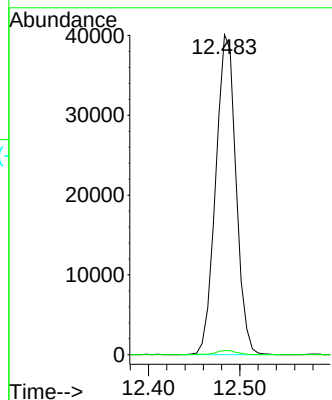
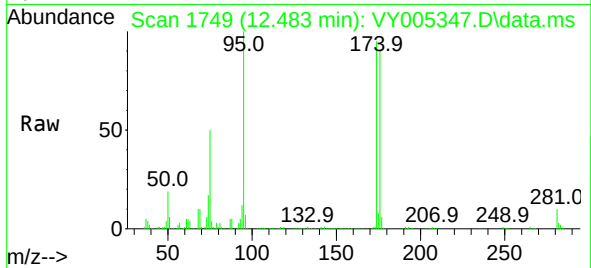




#76
1,2,3-Trichloropropane
Concen: 45.224 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY005347.D
Acq: 02 Jul 2021 17:04

Instrument :
MSVOA_Y
ClientSampleId :
DRUM-1

Tgt Ion: 75 Resp: 61793
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 84.378 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY005347.D
Acq: 02 Jul 2021 17:04

Tgt Ion: 75 Resp: 61793
Ion Ratio Lower Upper
75 100
53 0.1 63.0 94.4#
89 0.0 38.0 57.0#

