

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010822\
 Data File : VY007087.D
 Acq On : 08 Jan 2022 18:38
 Operator : SY/MD
 Sample : N1071-01
 Misc : 6.37g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 FM-E6-01-4.5

Quant Time: Jan 10 03:42:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010822S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 10 03:29:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	131727	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	232274	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	210846	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	87345	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	88117	55.916	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.840%
35) Dibromofluoromethane	7.722	113	76316	49.298	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.600%
50) Toluene-d8	10.185	98	281416	49.215	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.420%
62) 4-Bromofluorobenzene	12.483	95	98960	47.986	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.980%

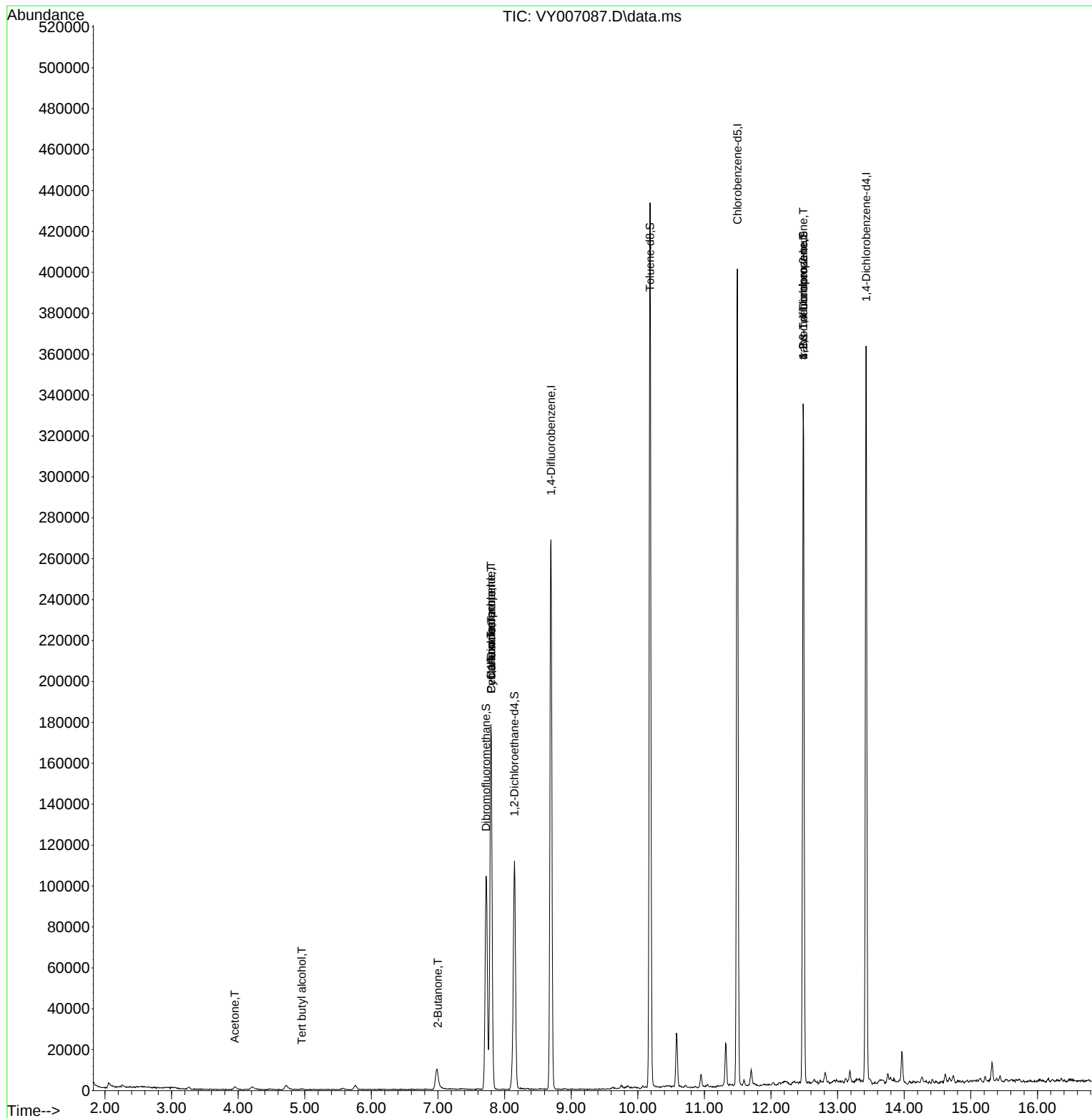
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.954	59	638	5.078	ug/l	# 73
13) Acrolein	3.735	56	40	Below Cal		# 15
16) Acetone	3.948	43	2691	9.101	ug/l	96
20) Methylene Chloride	4.716	84	1324	Below Cal		# 85
25) 2-Butanone	6.996	43	933	2.042	ug/l	# 47
31) Cyclohexane	7.801	56	2832	1.044	ug/l	# 1
36) 1,1-Dichloropropene	7.795	75	11638	4.744	ug/l	# 50
38) Carbon Tetrachloride	7.795	117	14411	5.623	ug/l	# 17
76) 1,2,3-Trichloropropane	12.483	75	54340	54.511	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	54340	102.386	ug/l	# 3

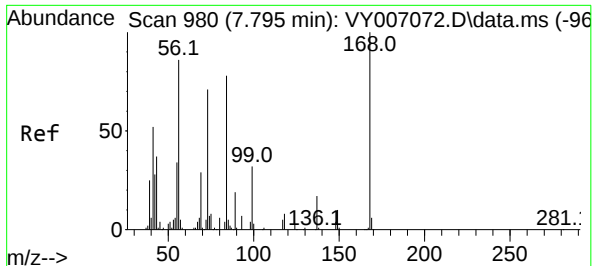
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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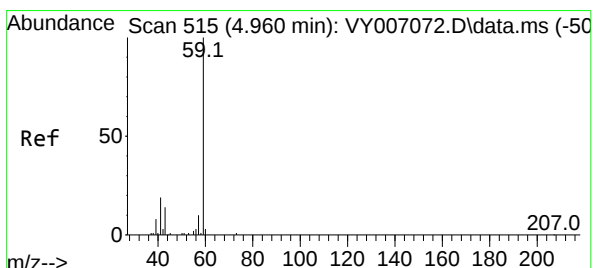
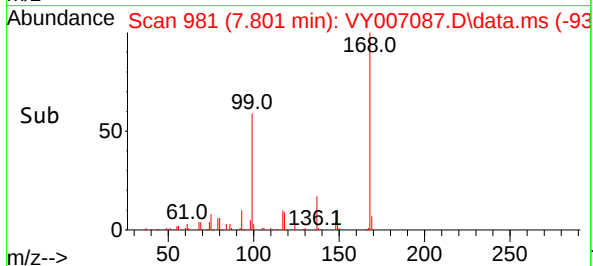
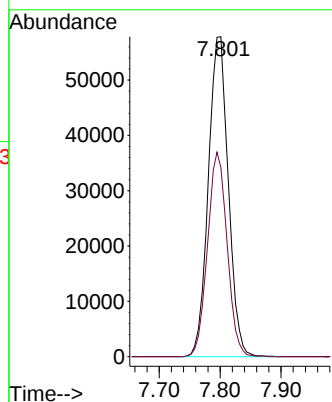
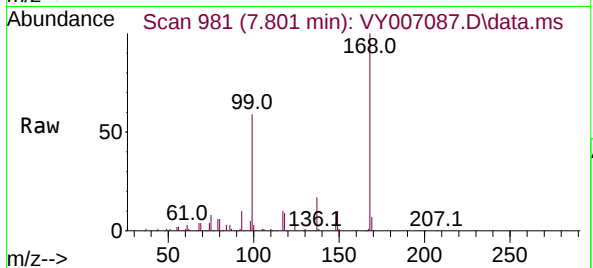




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007087.D
Acq: 08 Jan 2022 18:38

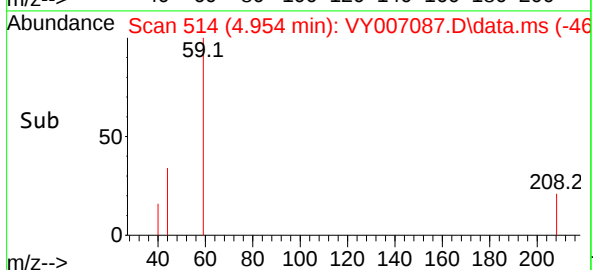
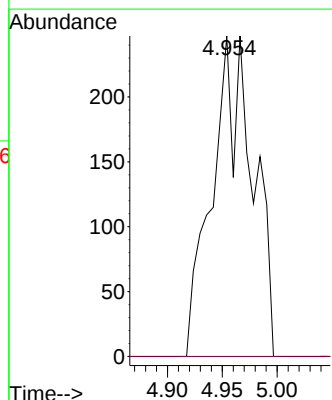
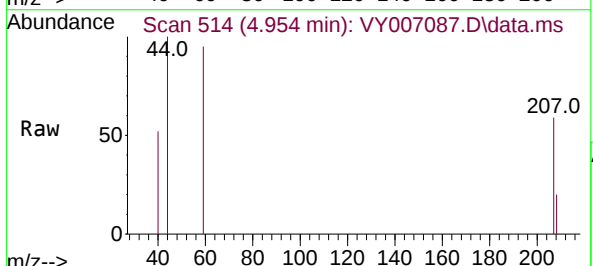
Instrument :
MSVOA_Y
ClientSampleId :
FM-E6-01-4.5

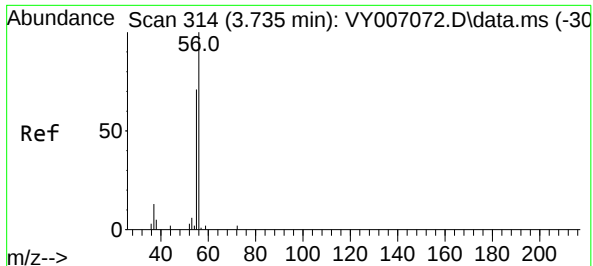
Tgt Ion:168 Resp: 131727
Ion Ratio Lower Upper
168 100
99 59.2 49.1 73.7



#11
Tert butyl alcohol
Concen: 5.078 ug/l
RT: 4.954 min Scan# 514
Delta R.T. -0.006 min
Lab File: VY007087.D
Acq: 08 Jan 2022 18:38

Tgt Ion: 59 Resp: 638
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

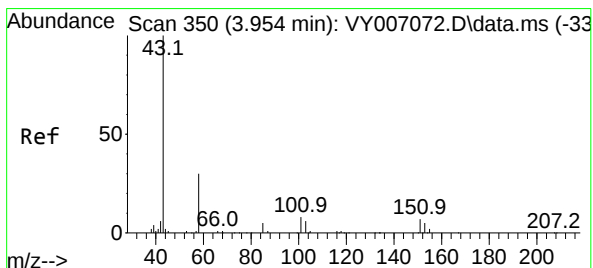
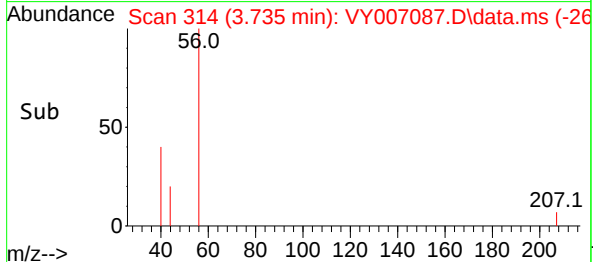
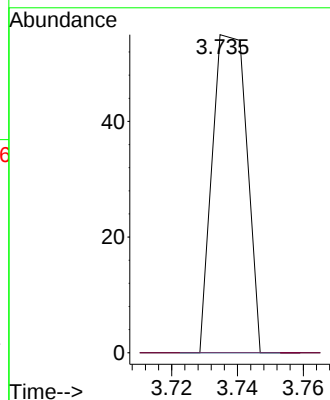
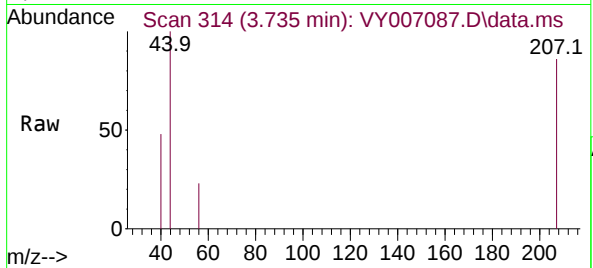




#13
Acrolein
Concen: Below Cal
RT: 3.735 min Scan# 314
Delta R.T. -0.000 min
Lab File: VY007087.D
Acq: 08 Jan 2022 18:38

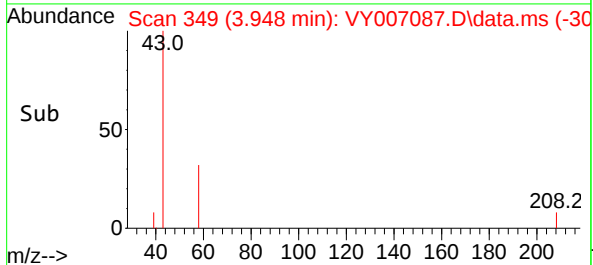
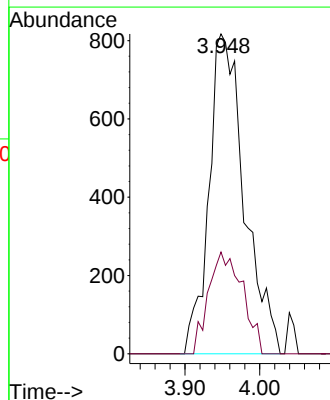
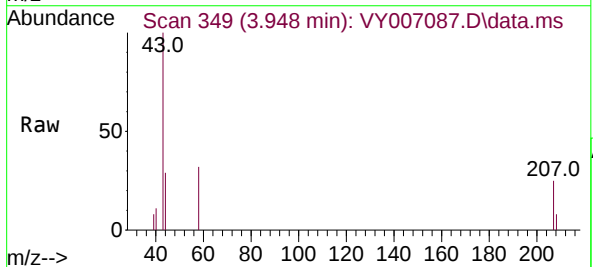
Instrument :
MSVOA_Y
ClientSampleId :
FM-E6-01-4.5

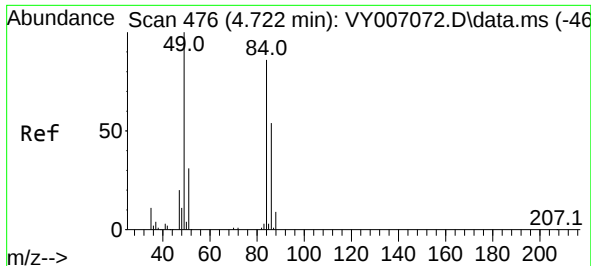
Tgt Ion: 56 Resp: 40
Ion Ratio Lower Upper
56 100
55 0.0 55.7 83.5#



#16
Acetone
Concen: 9.101 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY007087.D
Acq: 08 Jan 2022 18:38

Tgt Ion: 43 Resp: 2691
Ion Ratio Lower Upper
43 100
58 31.8 23.8 35.6

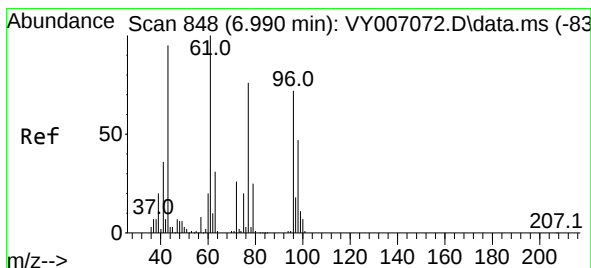
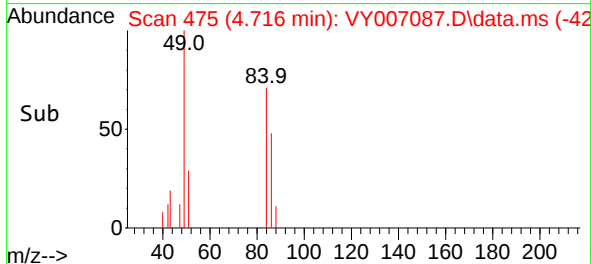
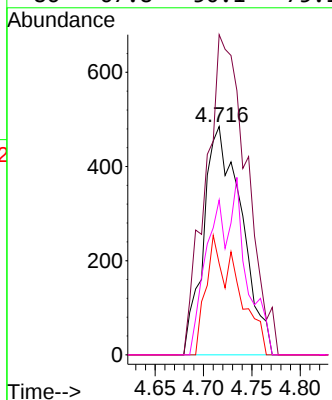
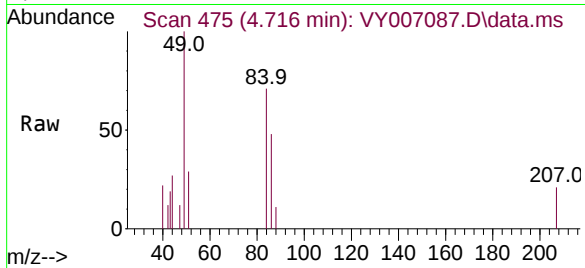




#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 475
Delta R.T. -0.006 min
Lab File: VY007087.D
Acq: 08 Jan 2022 18:38

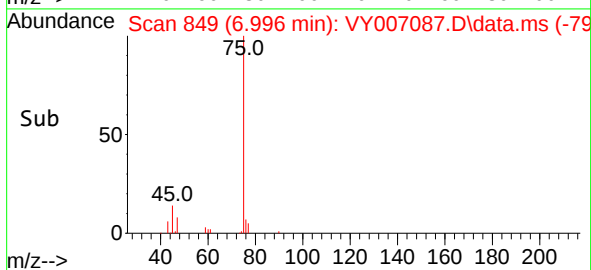
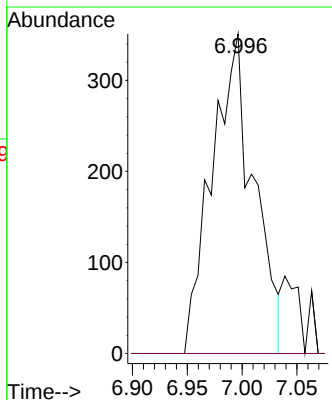
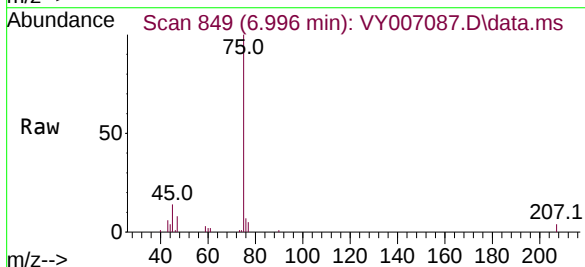
Instrument :
MSVOA_Y
ClientSampleId :
FM-E6-01-4.5

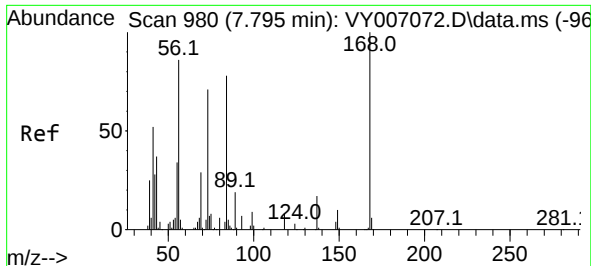
Tgt Ion: 84 Resp: 1324
Ion Ratio Lower Upper
84 100
49 140.2 92.6 139.0#
51 40.0 28.6 42.8
86 67.8 50.1 75.1



#25
2-Butanone
Concen: 2.042 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY007087.D
Acq: 08 Jan 2022 18:38

Tgt Ion: 43 Resp: 933
Ion Ratio Lower Upper
43 100
72 0.0 21.9 32.9#

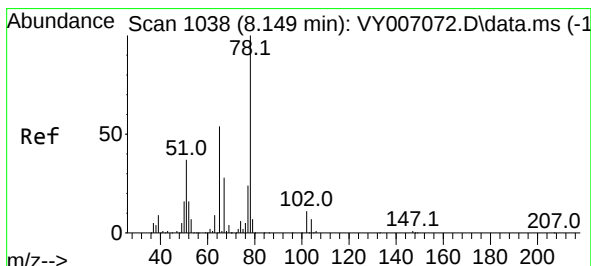
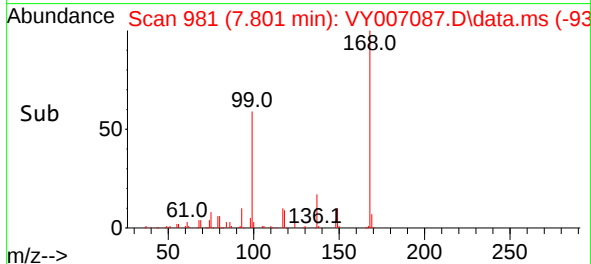
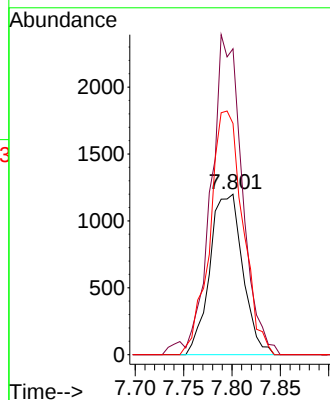
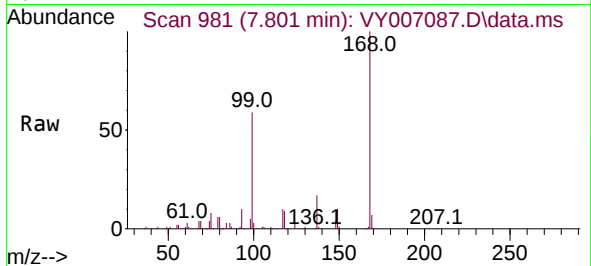




#31
Cyclohexane
Concen: 1.044 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.006 min
Lab File: VY007087.D
Acq: 08 Jan 2022 18:38

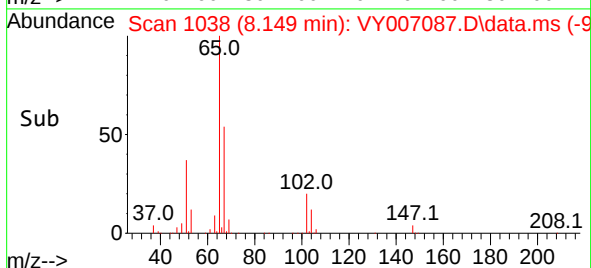
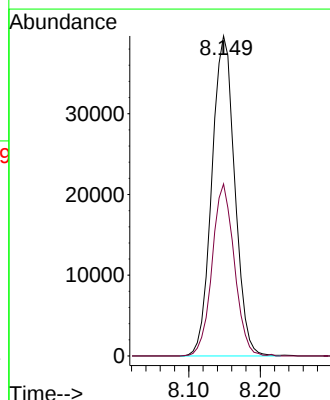
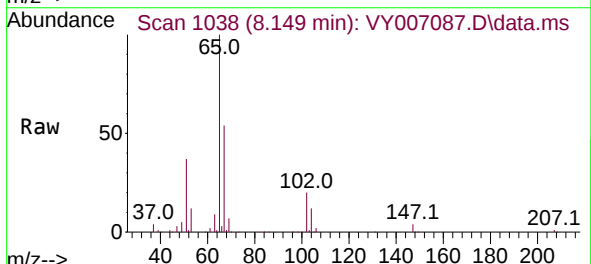
Instrument :
MSVOA_Y
ClientSampleId :
FM-E6-01-4.5

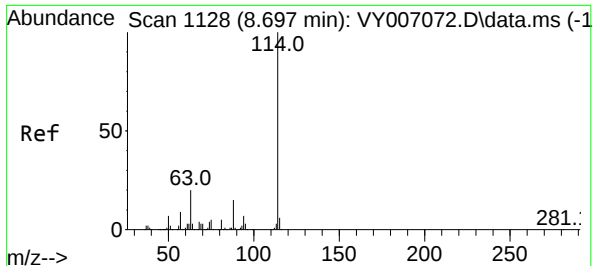
Tgt Ion: 56 Resp: 2832
Ion Ratio Lower Upper
56 100
69 190.7 27.2 40.8#
84 144.1 72.1 108.1#



#33
1,2-Dichloroethane-d4
Concen: 55.916 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY007087.D
Acq: 08 Jan 2022 18:38

Tgt Ion: 65 Resp: 88117
Ion Ratio Lower Upper
65 100
67 52.1 0.0 105.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VY007087.D

Acq: 08 Jan 2022 18:38

Instrument :

MSVOA_Y

ClientSampleId :

FM-E6-01-4.5

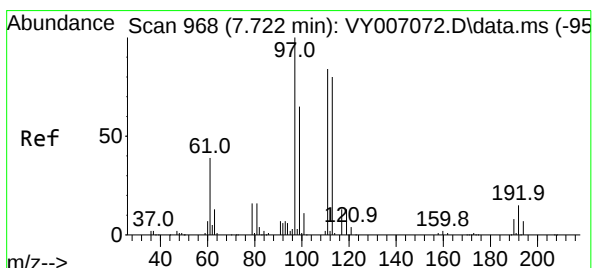
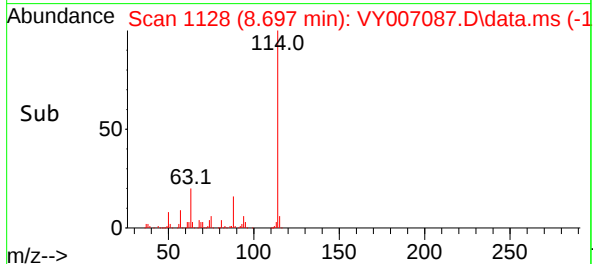
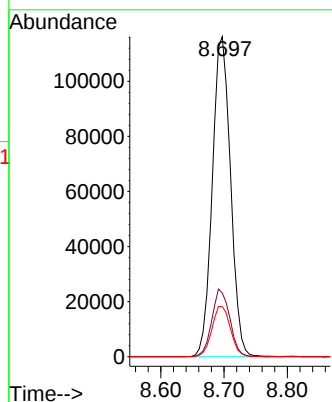
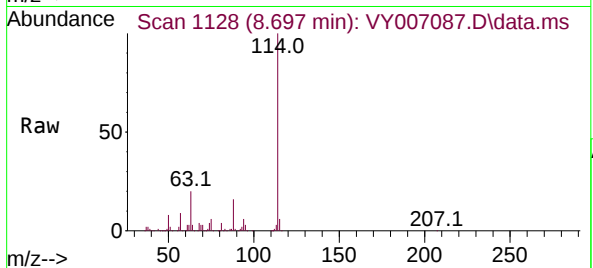
Tgt Ion:114 Resp: 232274

Ion Ratio Lower Upper

114 100

63 19.9 0.0 39.2

88 15.7 0.0 31.0



#35

Dibromofluoromethane

Concen: 49.298 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.000 min

Lab File: VY007087.D

Acq: 08 Jan 2022 18:38

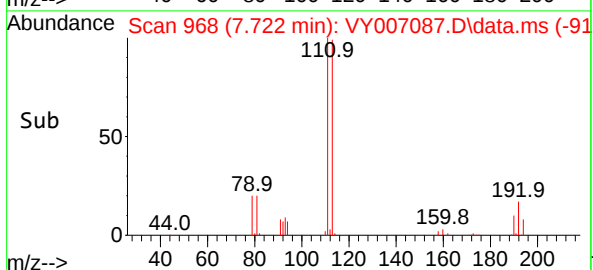
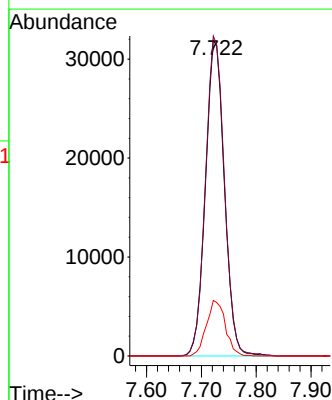
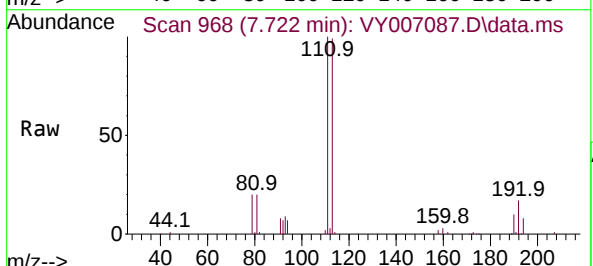
Tgt Ion:113 Resp: 76316

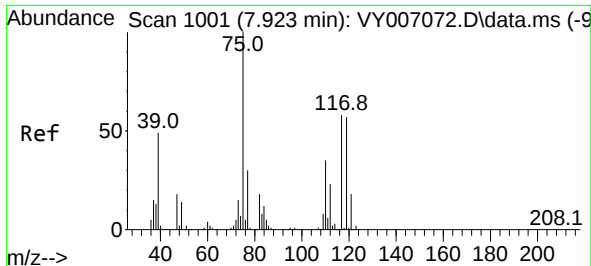
Ion Ratio Lower Upper

113 100

111 101.8 82.2 123.4

192 17.7 14.2 21.4





#36

1,1-Dichloropropene

Concen: 4.744 ug/l

RT: 7.795 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY007087.D

Acq: 08 Jan 2022 18:38

Instrument :

MSVOA_Y

ClientSampleId :

FM-E6-01-4.5

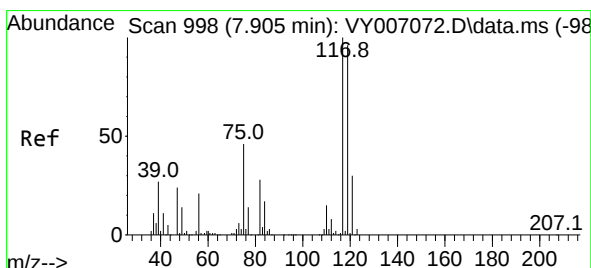
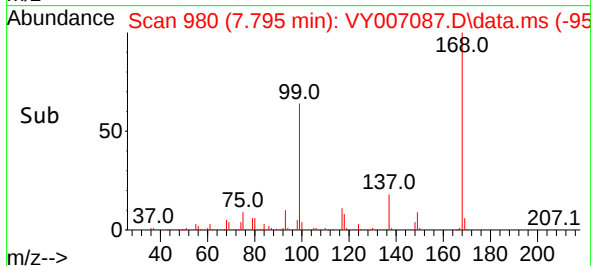
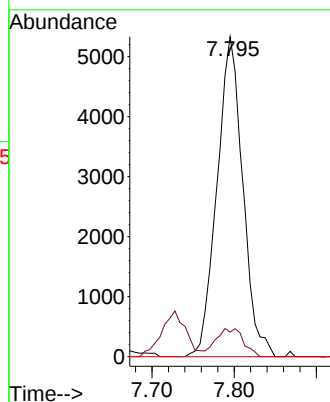
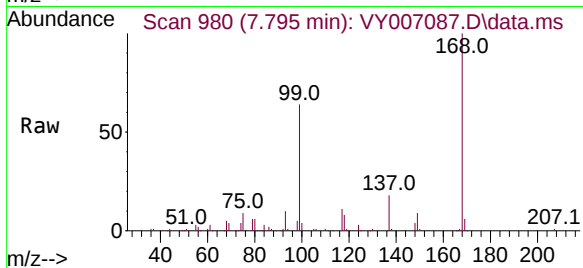
Tgt Ion: 75 Resp: 11638

Ion Ratio Lower Upper

75 100

110 9.2 17.3 51.9#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 5.623 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.110 min

Lab File: VY007087.D

Acq: 08 Jan 2022 18:38

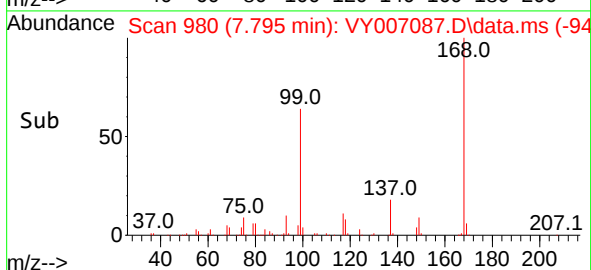
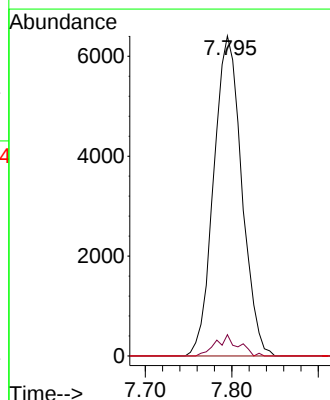
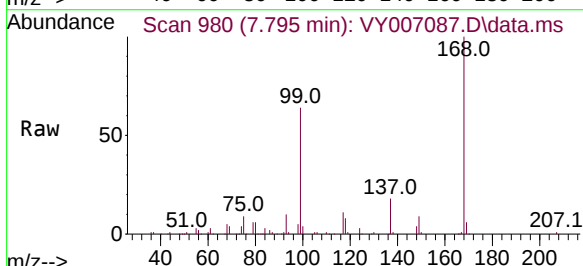
Tgt Ion: 117 Resp: 14411

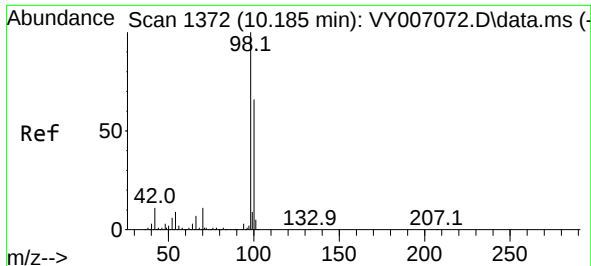
Ion Ratio Lower Upper

117 100

119 6.6 77.2 115.8#

121 0.0 24.2 36.2#

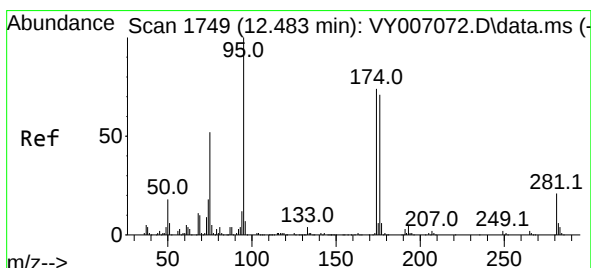
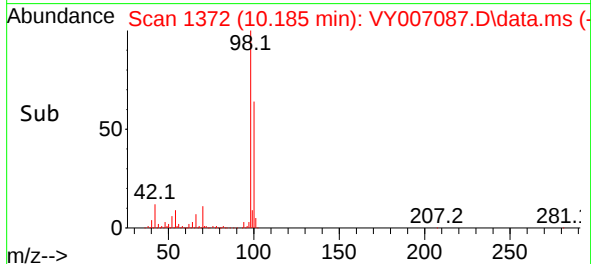
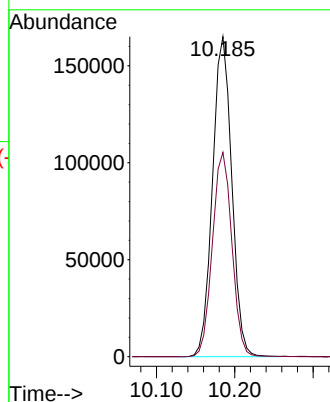
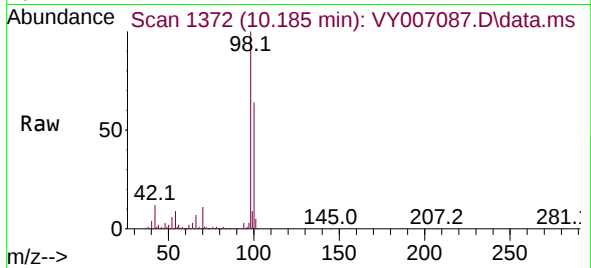




#50
Toluene-d8
Concen: 49.215 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY007087.D
Acq: 08 Jan 2022 18:38

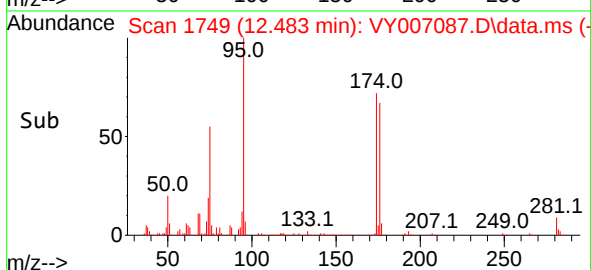
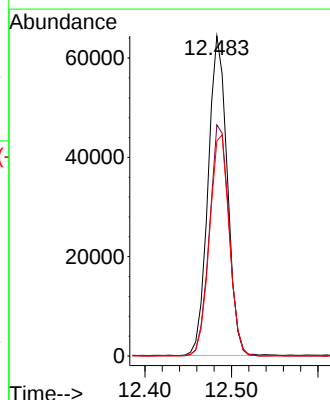
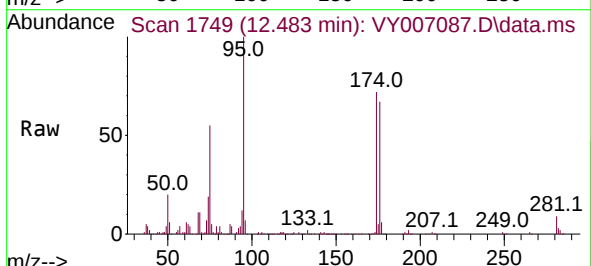
Instrument :
MSVOA_Y
ClientSampleId :
FM-E6-01-4.5

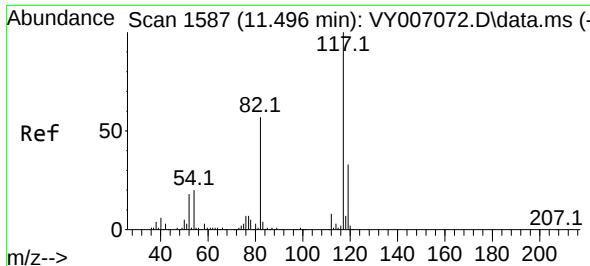
Tgt Ion: 98 Resp: 281416
Ion Ratio Lower Upper
98 100
100 64.7 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 47.986 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY007087.D
Acq: 08 Jan 2022 18:38

Tgt Ion: 95 Resp: 98960
Ion Ratio Lower Upper
95 100
174 74.1 0.0 148.4
176 71.2 0.0 146.6

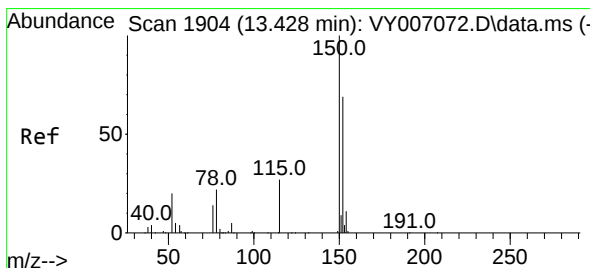
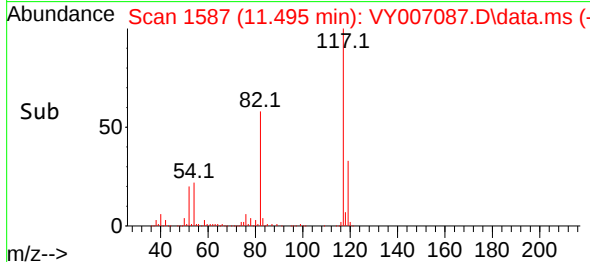
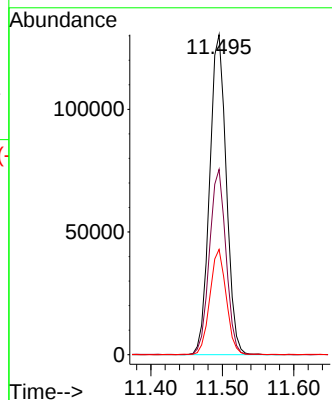
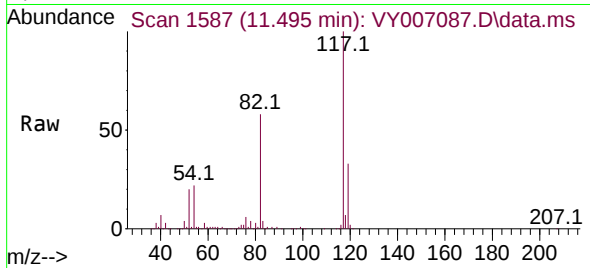




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007087.D
Acq: 08 Jan 2022 18:38

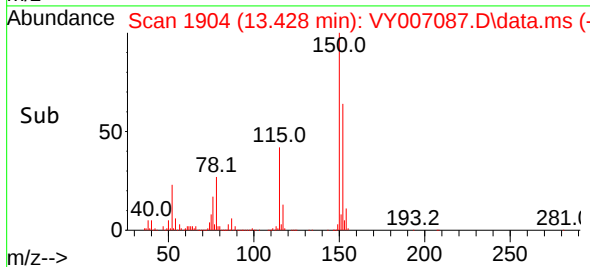
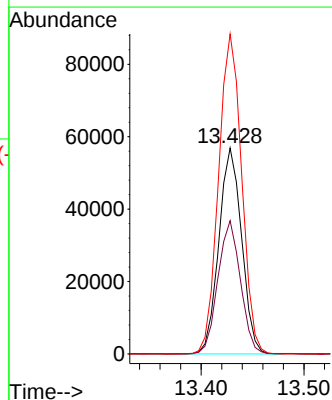
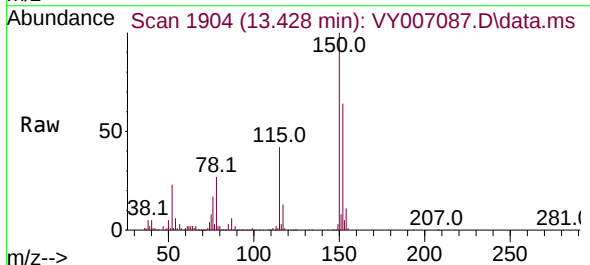
Instrument :
MSVOA_Y
ClientSampleId :
FM-E6-01-4.5

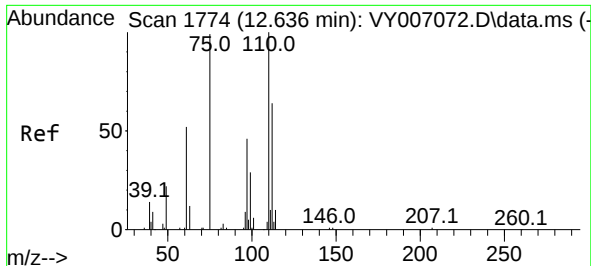
Tgt Ion:117 Resp: 210846
Ion Ratio Lower Upper
117 100
82 57.8 45.4 68.0
119 32.8 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY007087.D
Acq: 08 Jan 2022 18:38

Tgt Ion:152 Resp: 87345
Ion Ratio Lower Upper
152 100
115 64.2 31.4 94.0
150 157.6 0.0 348.4

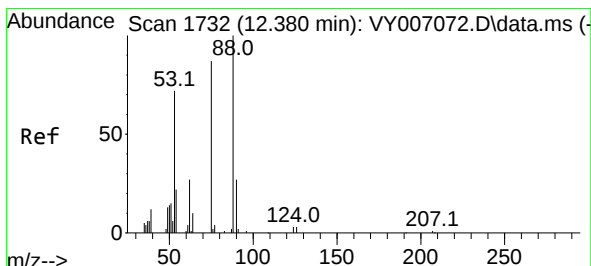
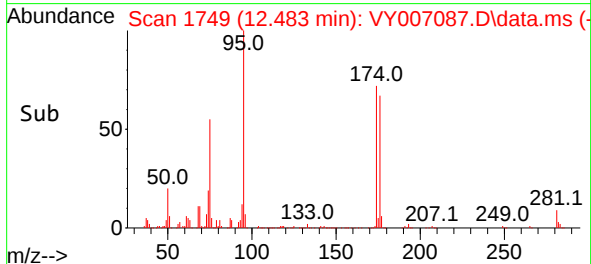
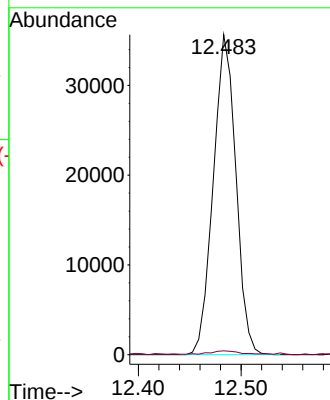
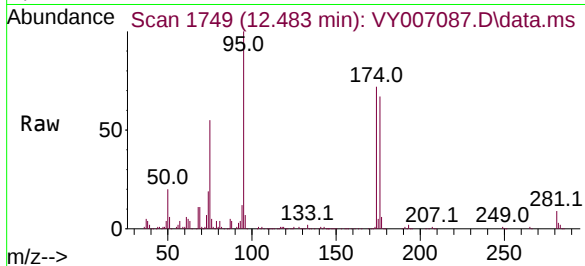




#76
1,2,3-Trichloropropane
Concen: 54.511 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY007087.D
Acq: 08 Jan 2022 18:38

Instrument :
MSVOA_Y
ClientSampleId :
FM-E6-01-4.5

Tgt Ion: 75 Resp: 54340
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 102.386 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY007087.D
Acq: 08 Jan 2022 18:38

Tgt Ion: 75 Resp: 54340
Ion Ratio Lower Upper
75 100
53 0.0 73.9 110.9#
89 0.1 0.0 0.0#

