

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010822\
 Data File : VY007089.D
 Acq On : 08 Jan 2022 19:24
 Operator : SY/MD
 Sample : N1071-03
 Misc : 6.43g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 FM-0226-01-4.5

Quant Time: Jan 10 03:42:40 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)

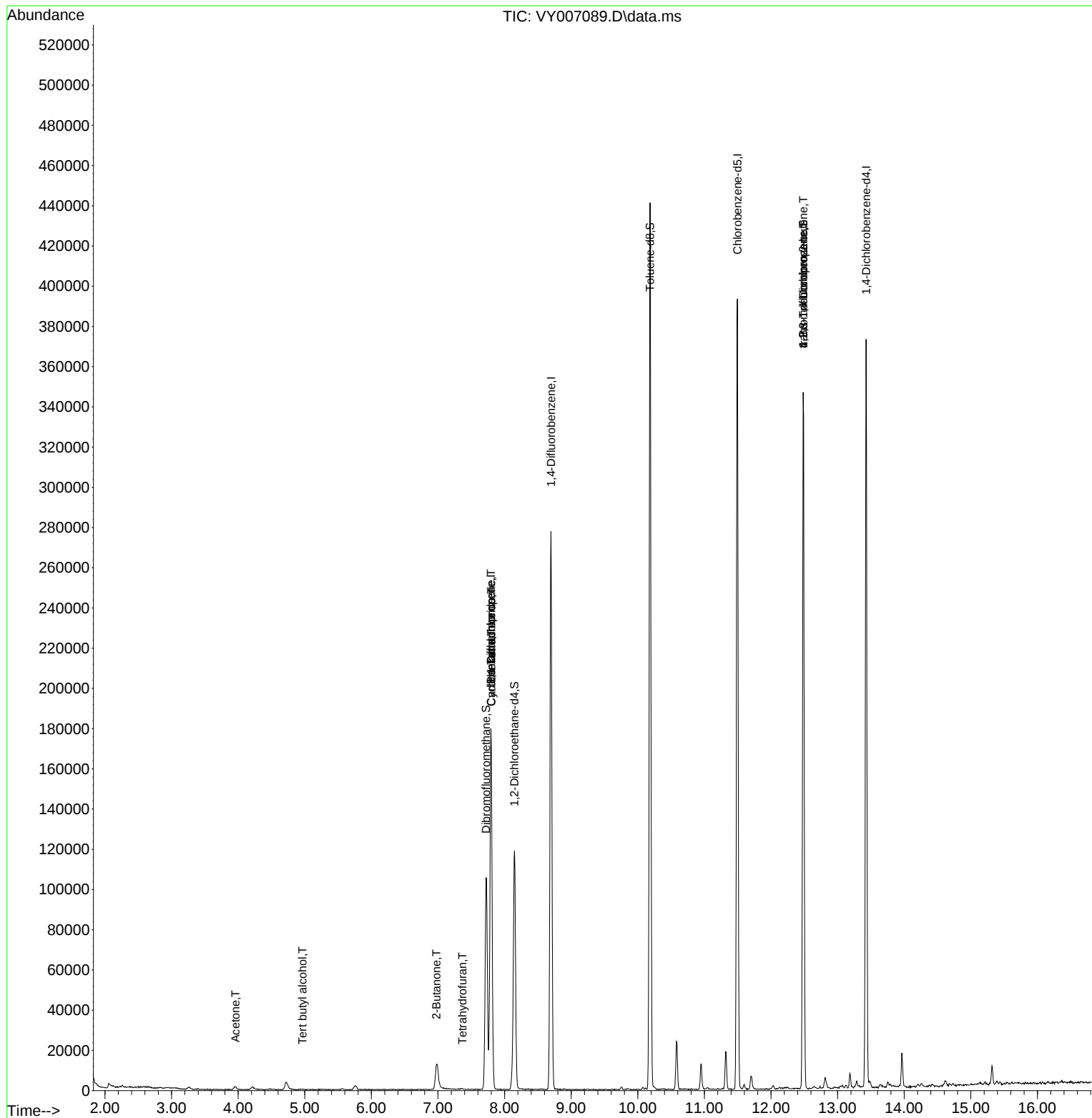
Internal Standards						
1) Pentafluorobenzene	7.795	168	129732	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	234666	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	213014	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	89081	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	93995	60.563	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	121.120%		
35) Dibromofluoromethane	7.722	113	76842	49.132	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.260%		
50) Toluene-d8	10.185	98	283076	49.000	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	98.000%		
62) 4-Bromofluorobenzene	12.483	95	101732	48.827	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	97.660%		
Target Compounds						Qvalue
11) Tert butyl alcohol	4.966	59	428	3.459	ug/l #	73
16) Acetone	3.960	43	2949	10.127	ug/l	100
20) Methylene Chloride	4.728	84	2616	Below Cal		90
25) 2-Butanone	6.978	43	1155	2.567	ug/l #	47
29) Tetrahydrofuran	7.368	42	352	1.092	ug/l #	59
31) Cyclohexane	7.801	56	3196	1.196	ug/l #	40
36) 1,1-Dichloropropene	7.795	75	11387	4.595	ug/l #	49
38) Carbon Tetrachloride	7.801	117	14014	5.412	ug/l #	15
76) 1,2,3-Trichloropropane	12.483	75	55248	54.342	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	55248	102.068	ug/l #	3

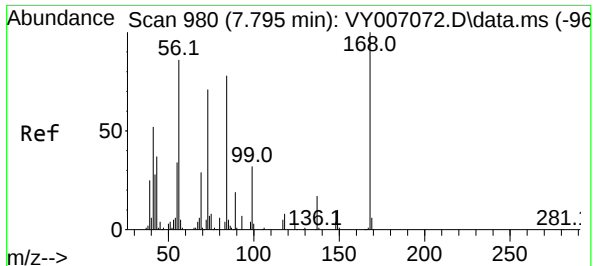
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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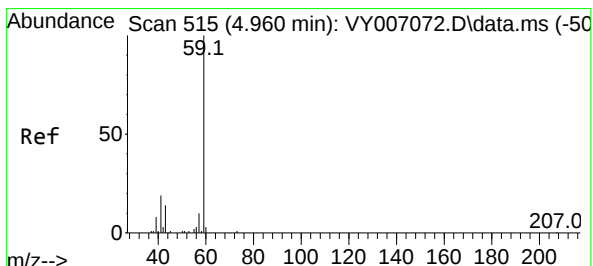
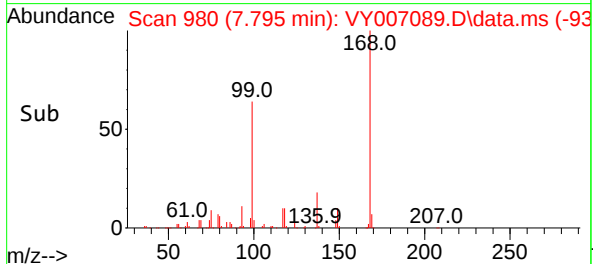
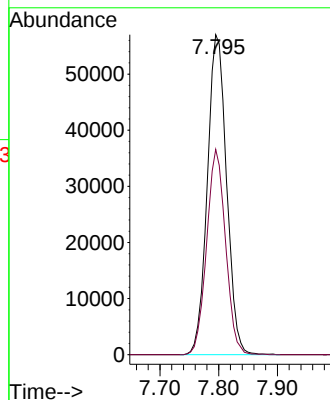
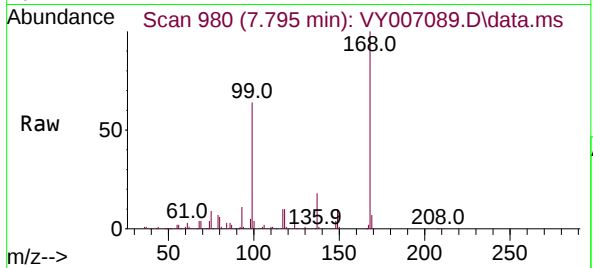




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007089.D
Acq: 08 Jan 2022 19:24

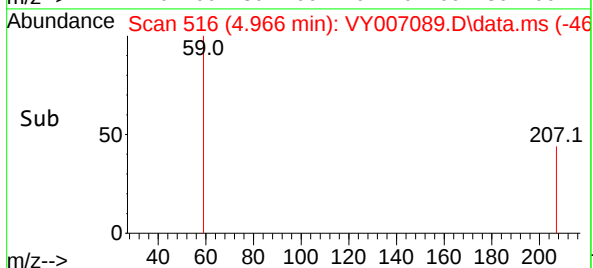
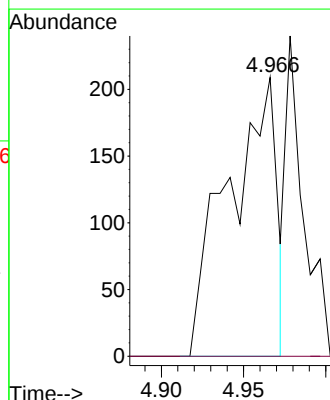
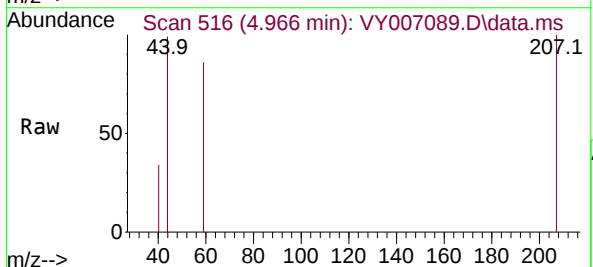
Instrument :
MSVOA_Y
ClientSampleId :
FM-0226-01-4.5

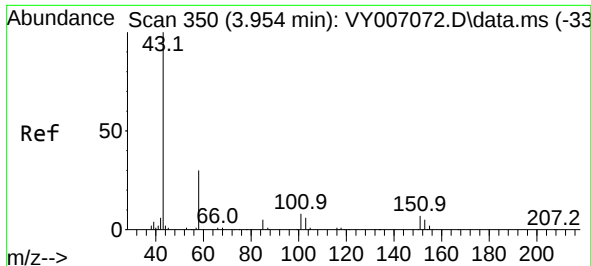
Tgt Ion:168 Resp: 129732
Ion Ratio Lower Upper
168 100
99 64.2 49.1 73.7



#11
Tert butyl alcohol
Concen: 3.459 ug/l
RT: 4.966 min Scan# 516
Delta R.T. 0.006 min
Lab File: VY007089.D
Acq: 08 Jan 2022 19:24

Tgt Ion: 59 Resp: 428
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

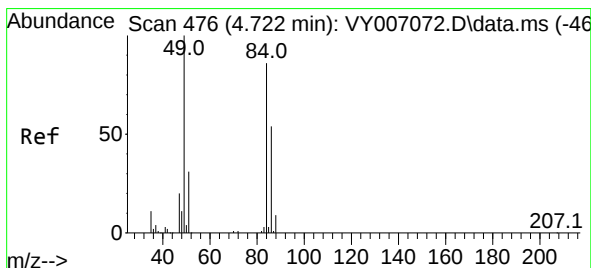
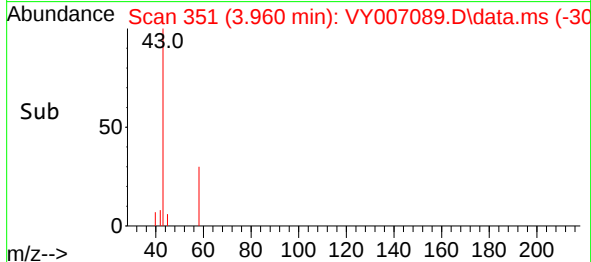
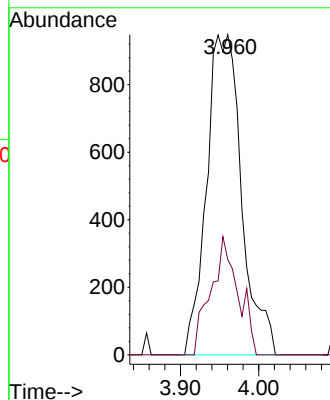
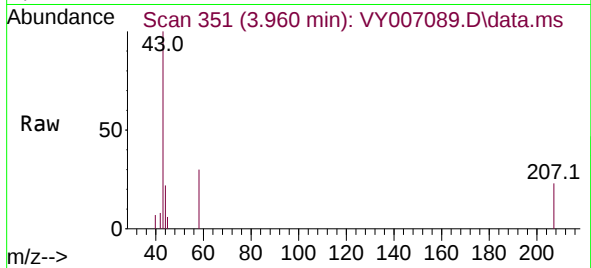




#16
Acetone
Concen: 10.127 ug/l
RT: 3.960 min Scan# 31
Delta R.T. 0.006 min
Lab File: VY007089.D
Acq: 08 Jan 2022 19:24

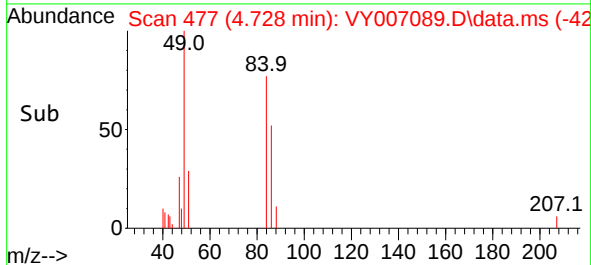
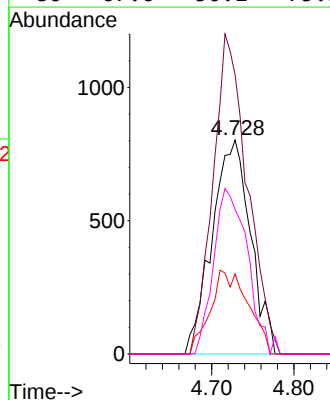
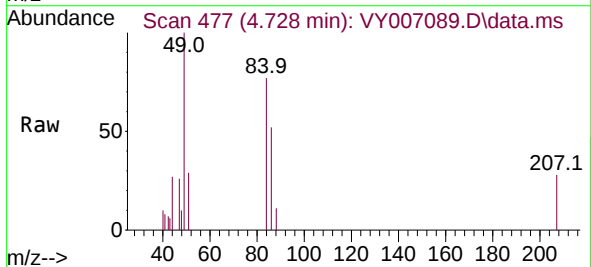
Instrument :
MSVOA_Y
ClientSampleId :
FM-0226-01-4.5

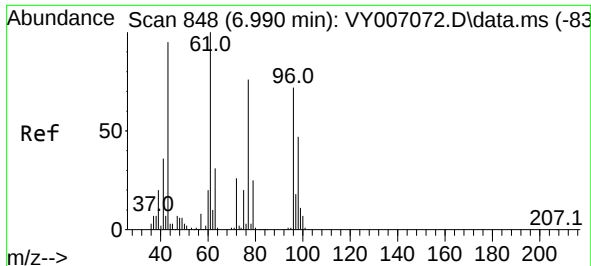
Tgt Ion: 43 Resp: 2949
Ion Ratio Lower Upper
43 100
58 29.9 23.8 35.6



#20
Methylene Chloride
Concen: Below Cal
RT: 4.728 min Scan# 477
Delta R.T. 0.006 min
Lab File: VY007089.D
Acq: 08 Jan 2022 19:24

Tgt Ion: 84 Resp: 2616
Ion Ratio Lower Upper
84 100
49 130.7 92.6 139.0
51 37.4 28.6 42.8
86 67.6 50.1 75.1

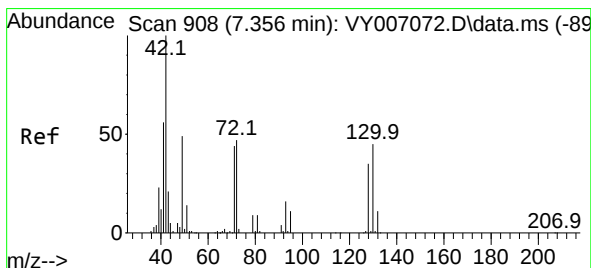
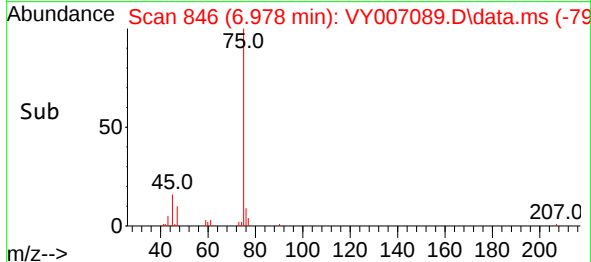
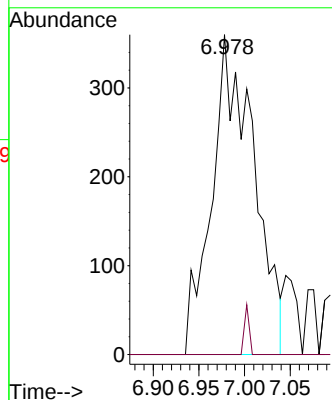
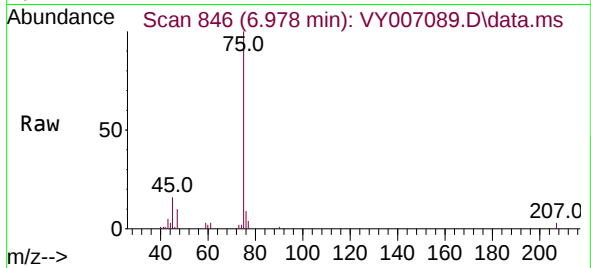




#25
2-Butanone
Concen: 2.567 ug/l
RT: 6.978 min Scan# 84
Delta R.T. -0.012 min
Lab File: VY007089.D
Acq: 08 Jan 2022 19:24

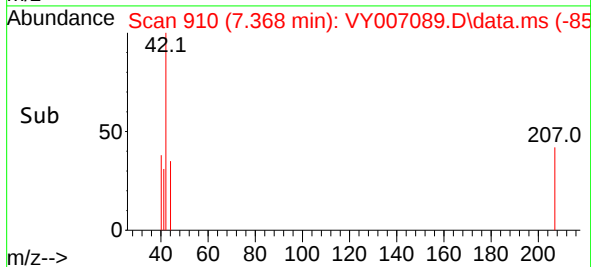
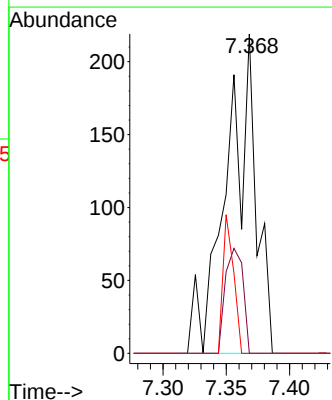
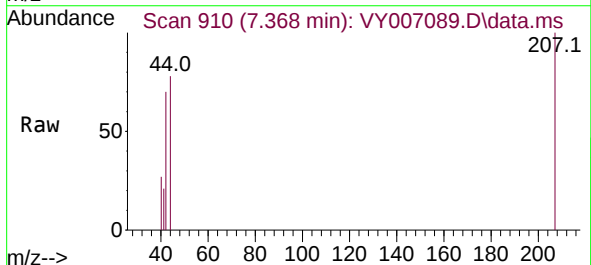
Instrument :
MSVOA_Y
ClientSampleId :
FM-0226-01-4.5

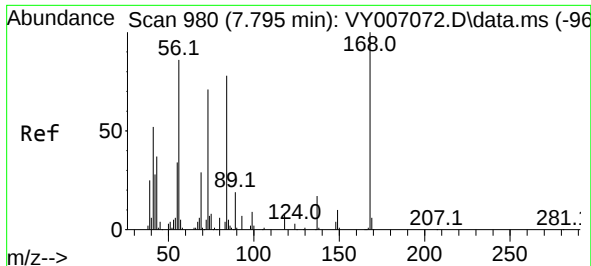
Tgt Ion: 43 Resp: 1155
Ion Ratio Lower Upper
43 100
72 0.0 21.9 32.9#



#29
Tetrahydrofuran
Concen: 1.092 ug/l
RT: 7.368 min Scan# 910
Delta R.T. 0.012 min
Lab File: VY007089.D
Acq: 08 Jan 2022 19:24

Tgt Ion: 42 Resp: 352
Ion Ratio Lower Upper
42 100
72 19.6 36.6 54.8#
71 15.6 34.1 51.1#

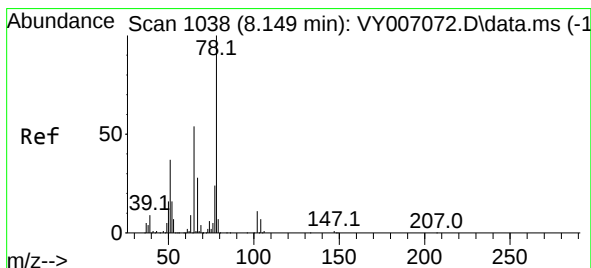
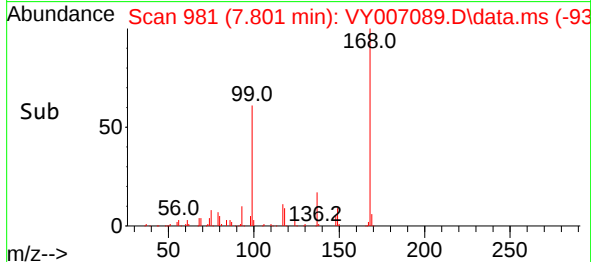
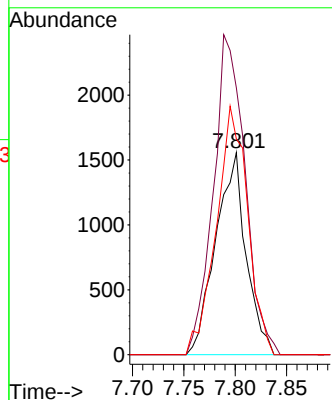
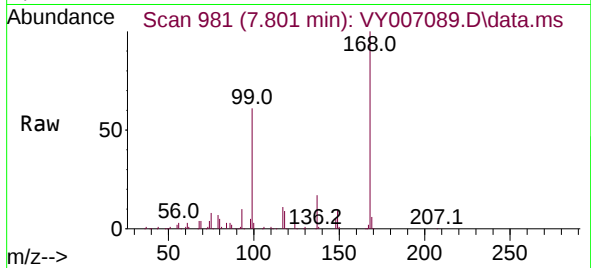




#31
Cyclohexane
Concen: 1.196 ug/l
RT: 7.801 min Scan# 980
Delta R.T. 0.006 min
Lab File: VY007089.D
Acq: 08 Jan 2022 19:24

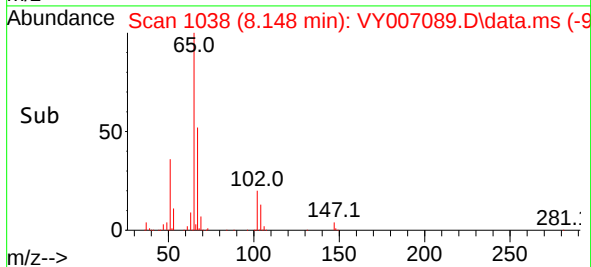
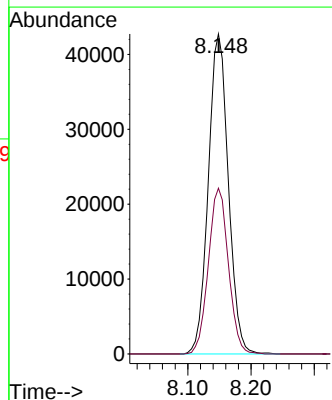
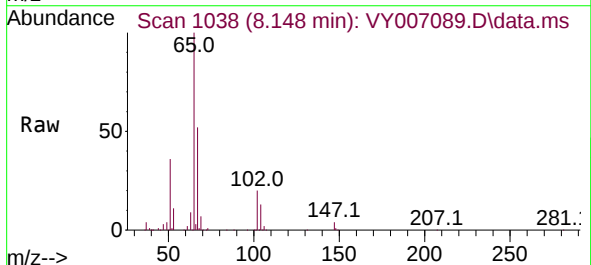
Instrument :
MSVOA_Y
ClientSampleId :
FM-0226-01-4.5

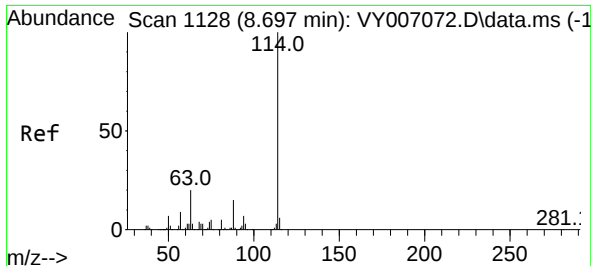
Tgt Ion: 56 Resp: 3196
Ion Ratio Lower Upper
56 100
69 132.1 27.2 40.8#
84 106.7 72.1 108.1



#33
1,2-Dichloroethane-d4
Concen: 60.563 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VY007089.D
Acq: 08 Jan 2022 19:24

Tgt Ion: 65 Resp: 93995
Ion Ratio Lower Upper
65 100
67 51.7 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: VY007089.D

Acq: 08 Jan 2022 19:24

Instrument :

MSVOA_Y

ClientSampleId :

FM-0226-01-4.5

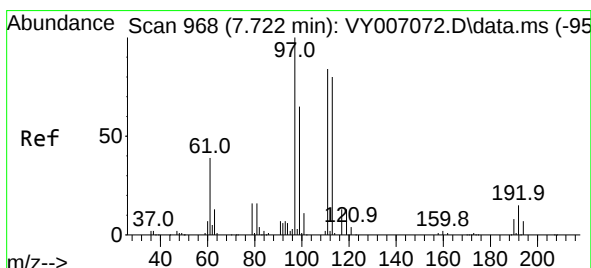
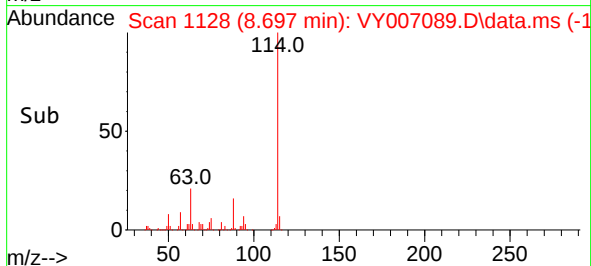
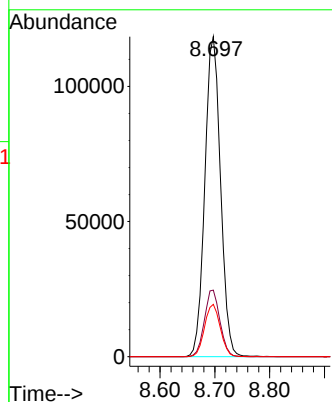
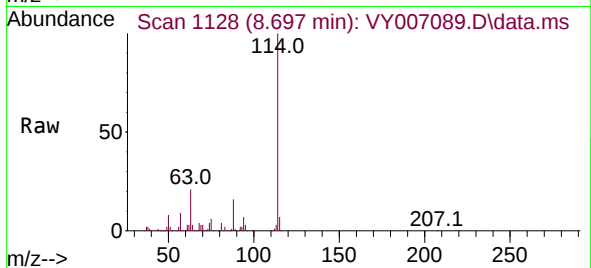
Tgt Ion:114 Resp: 234666

Ion Ratio Lower Upper

114 100

63 20.8 0.0 39.2

88 16.4 0.0 31.0



#35

Dibromofluoromethane

Concen: 49.132 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.000 min

Lab File: VY007089.D

Acq: 08 Jan 2022 19:24

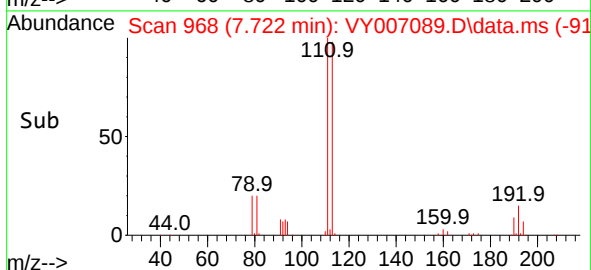
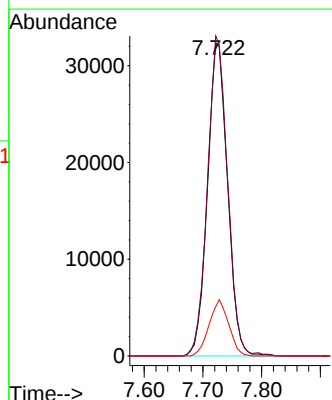
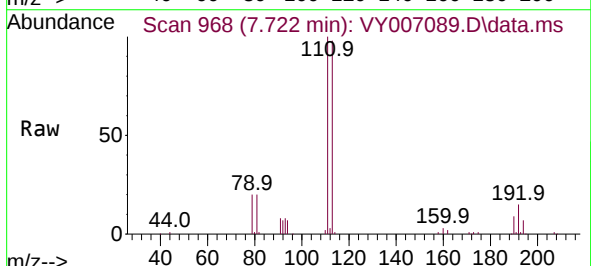
Tgt Ion:113 Resp: 76842

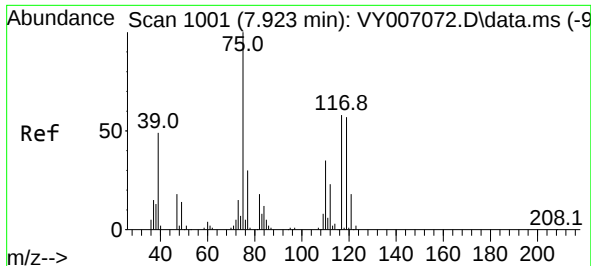
Ion Ratio Lower Upper

113 100

111 102.7 82.2 123.4

192 17.5 14.2 21.4





#36

1,1-Dichloropropene

Concen: 4.595 ug/l

RT: 7.795 min Scan# 91

Delta R.T. -0.128 min

Lab File: VY007089.D

Acq: 08 Jan 2022 19:24

Instrument :

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ClientSampleId :

FM-0226-01-4.5

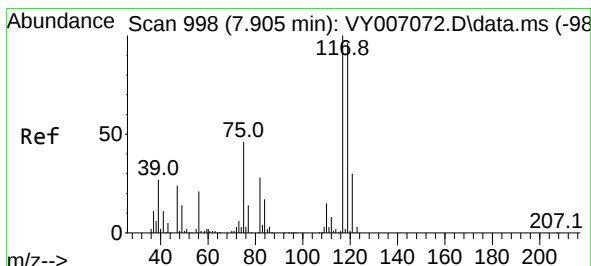
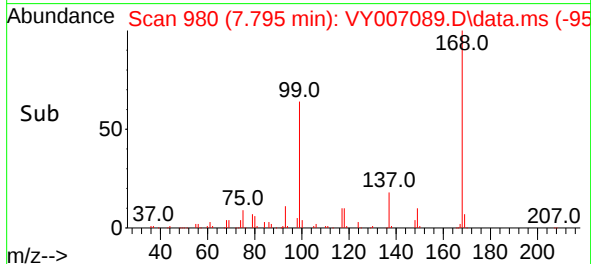
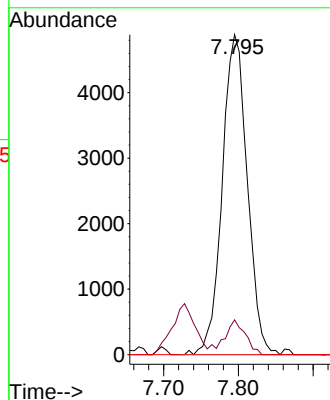
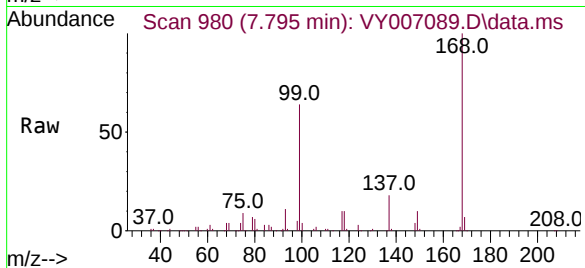
Tgt Ion: 75 Resp: 11387

Ion Ratio Lower Upper

75 100

110 8.4 17.3 51.9#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 5.412 ug/l

RT: 7.801 min Scan# 981

Delta R.T. -0.104 min

Lab File: VY007089.D

Acq: 08 Jan 2022 19:24

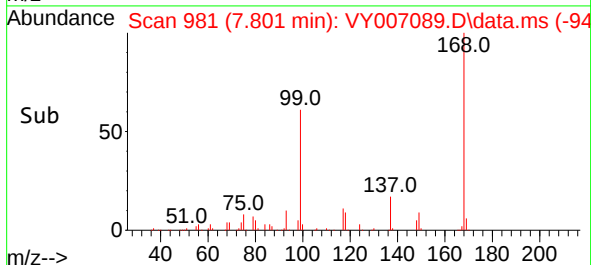
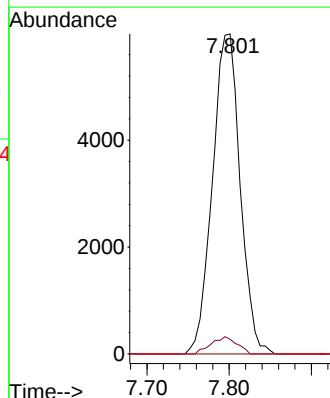
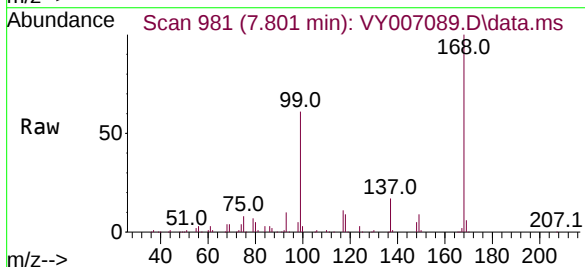
Tgt Ion: 117 Resp: 14014

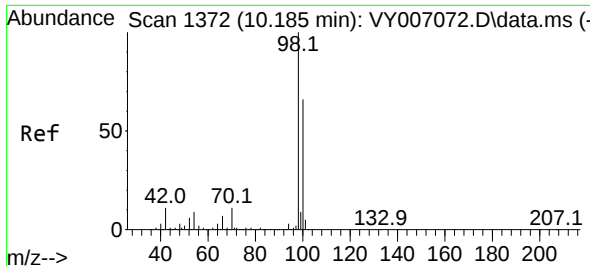
Ion Ratio Lower Upper

117 100

119 4.6 77.2 115.8#

121 0.0 24.2 36.2#

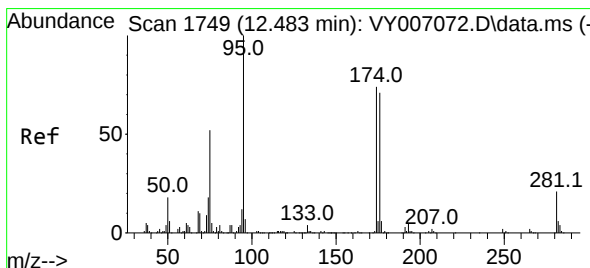
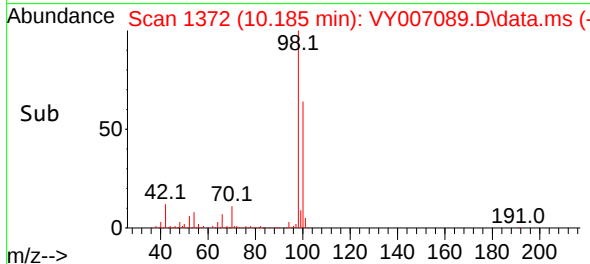
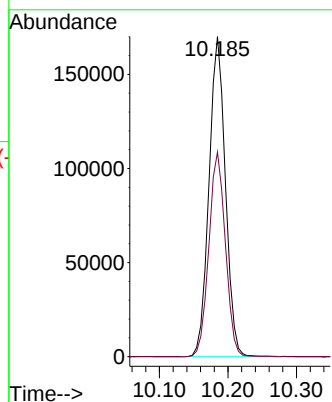
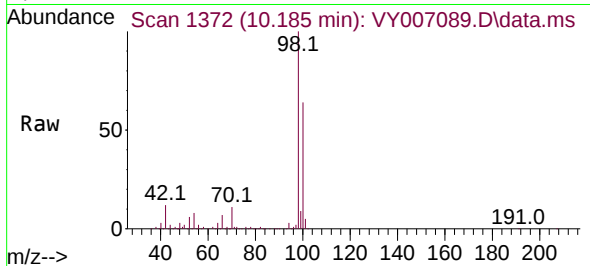




#50
Toluene-d8
Concen: 49.000 ug/l
RT: 10.185 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007089.D
Acq: 08 Jan 2022 19:24

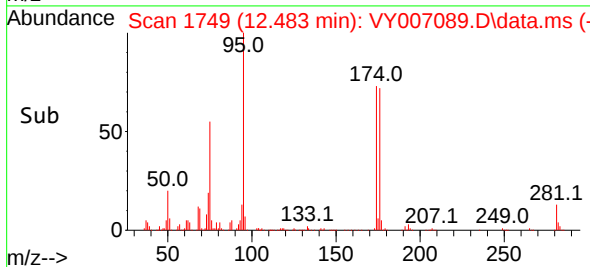
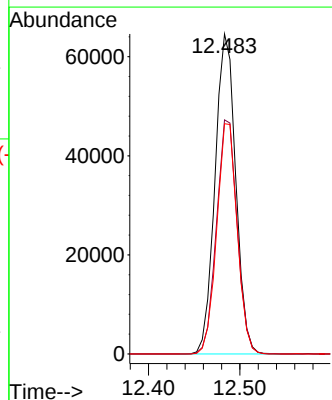
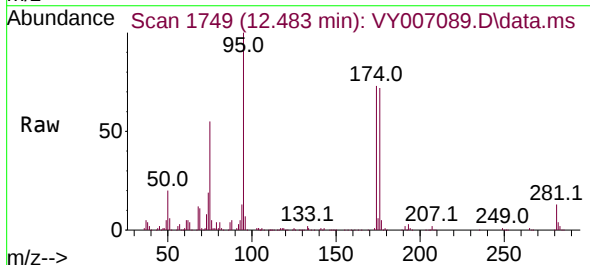
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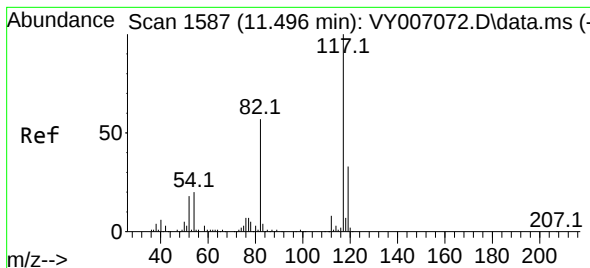
Tgt Ion: 98 Resp: 283076
Ion Ratio Lower Upper
98 100
100 64.3 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 48.827 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY007089.D
Acq: 08 Jan 2022 19:24

Tgt Ion: 95 Resp: 101732
Ion Ratio Lower Upper
95 100
174 73.2 0.0 148.4
176 71.0 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: VY007089.D

Acq: 08 Jan 2022 19:24

Instrument :

MSVOA_Y

ClientSampleId :

FM-0226-01-4.5

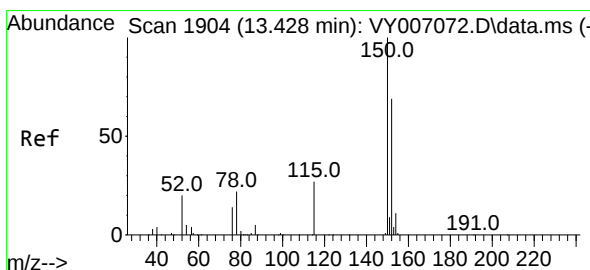
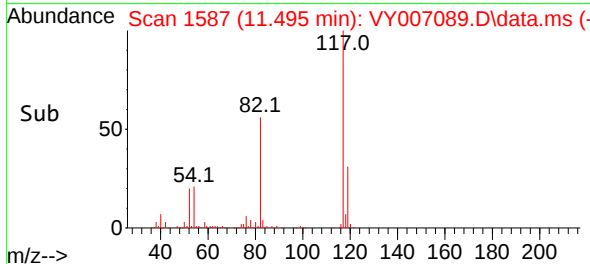
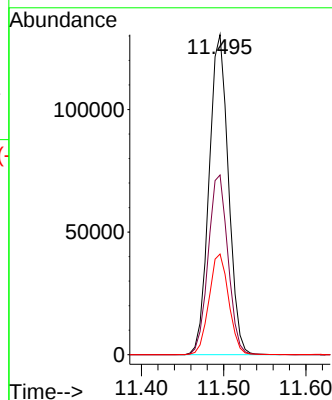
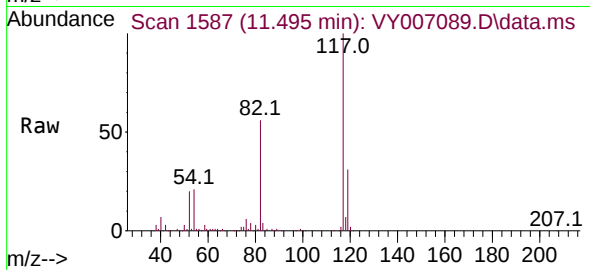
Tgt Ion:117 Resp: 213014

Ion Ratio Lower Upper

117 100

82 56.2 45.4 68.0

119 31.4 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: VY007089.D

Acq: 08 Jan 2022 19:24

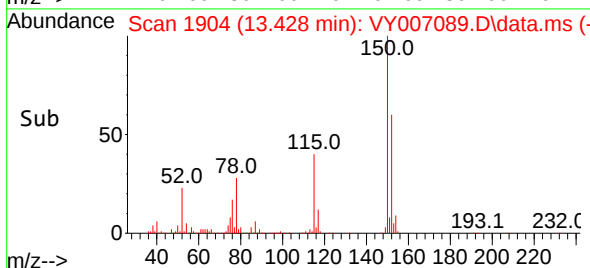
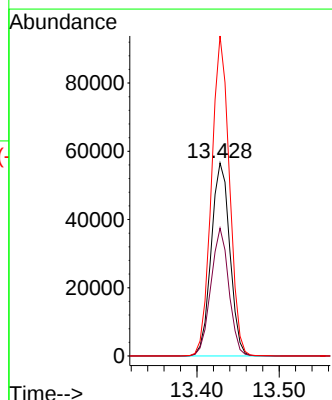
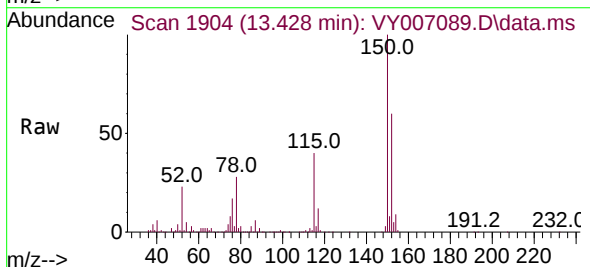
Tgt Ion:152 Resp: 89081

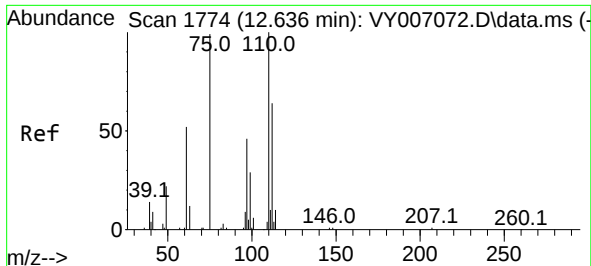
Ion Ratio Lower Upper

152 100

115 64.0 31.4 94.0

150 159.5 0.0 348.4

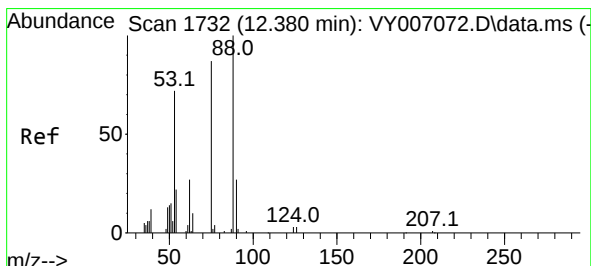
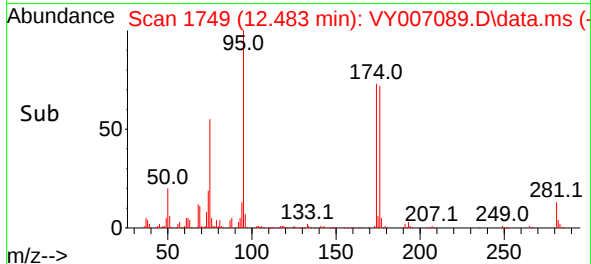
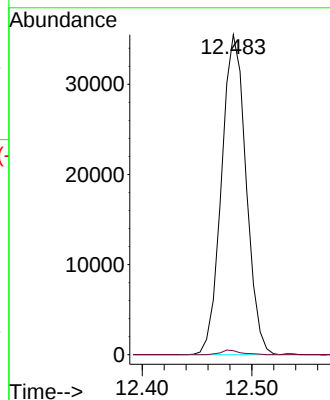
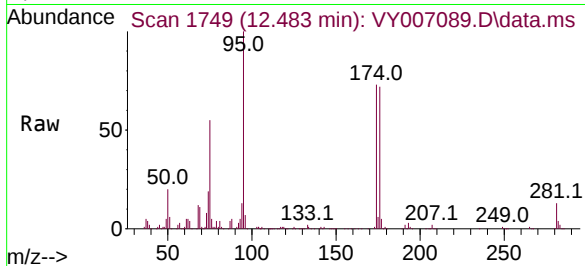




#76
1,2,3-Trichloropropane
Concen: 54.342 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.153 min
Lab File: VY007089.D
Acq: 08 Jan 2022 19:24

Instrument :
MSVOA_Y
ClientSampleId :
FM-0226-01-4.5

Tgt Ion: 75 Resp: 55248
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 102.068 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY007089.D
Acq: 08 Jan 2022 19:24

Tgt Ion: 75 Resp: 55248
Ion Ratio Lower Upper
75 100
53 0.0 73.9 110.9#
89 0.3 0.0 0.0#

