

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010822\
 Data File : VY007081.D
 Acq On : 08 Jan 2022 16:19
 Operator : SY/MD
 Sample : N1067-01
 Misc : 3.71g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 124035

Quant Time: Jan 10 03:40:29 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)

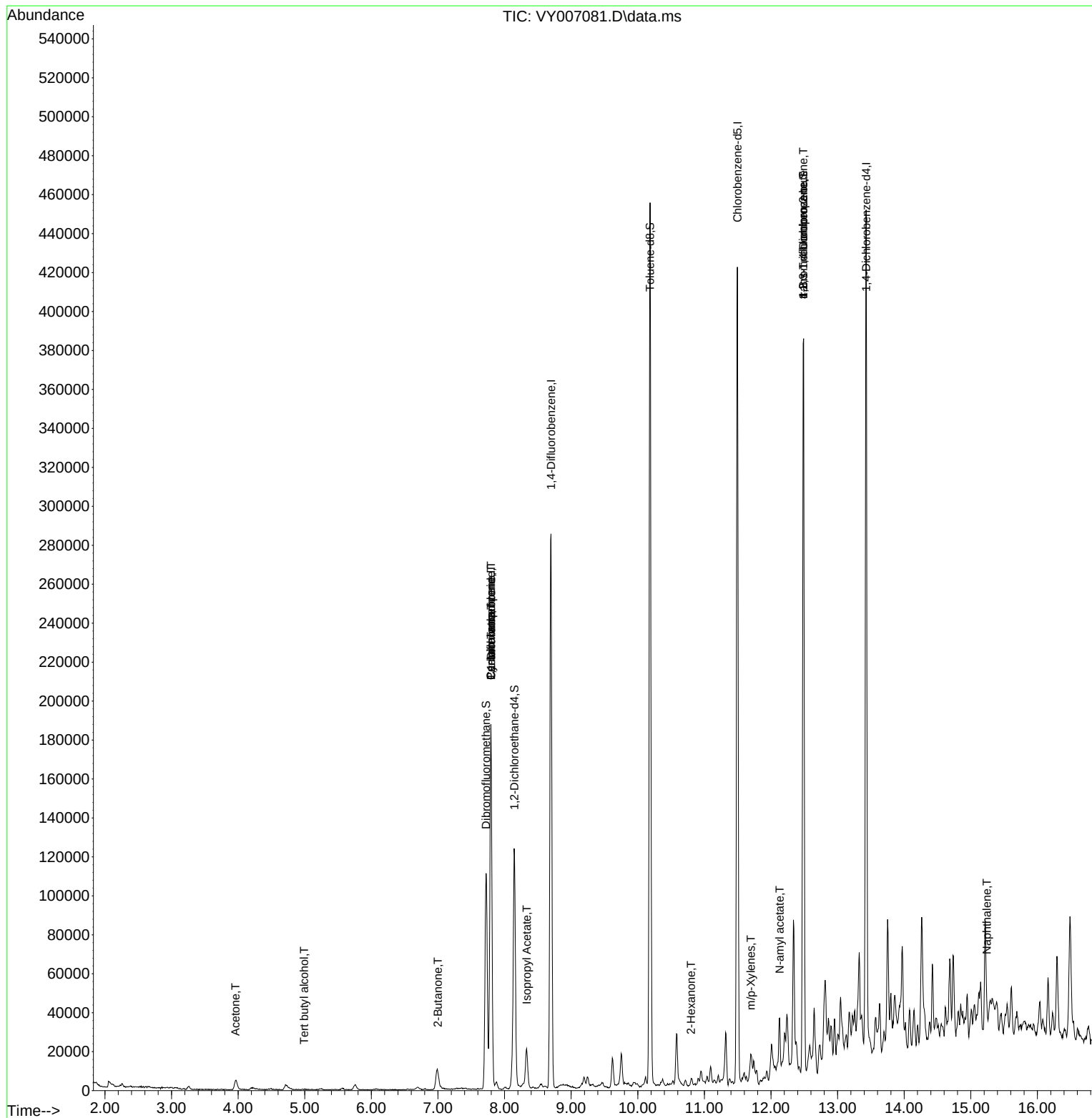
Internal Standards						
1) Pentafluorobenzene	7.795	168	135008	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	246528	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	227044	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	104148	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	94071	58.243	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 116.480%			
35) Dibromofluoromethane	7.722	113	81161	49.396	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.800%			
50) Toluene-d8	10.185	98	300886	49.577	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 99.160%			
62) 4-Bromofluorobenzene	12.483	95	111755	51.057	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 102.120%			
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.991	59	608	4.721	ug/l #	73
13) Acrolein	3.741	56	32	Below Cal	#	15
16) Acetone	3.960	43	9622	31.753	ug/l	99
20) Methylene Chloride	4.710	84	930	Below Cal	#	80
25) 2-Butanone	6.997	43	1732	3.699	ug/l #	85
31) Cyclohexane	7.795	56	3038	1.093	ug/l #	1
36) 1,1-Dichloropropene	7.795	75	11274	4.330	ug/l #	50
38) Carbon Tetrachloride	7.795	117	14761	5.426	ug/l #	17
43) Isopropyl Acetate	8.332	43	4549	1.840	ug/l #	51
59) 2-Hexanone	10.801	43	1845	2.335	ug/l #	24
68) m/p-Xylenes	11.697	106	3828	1.115	ug/l	97
74) N-amyl acetate	12.130	43	5838	2.588	ug/l #	58
76) 1,2,3-Trichloropropane	12.483	75	58747	49.424	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	58747	92.831	ug/l #	4
95) Naphthalene	15.239	128	11238	2.724	ug/l #	91

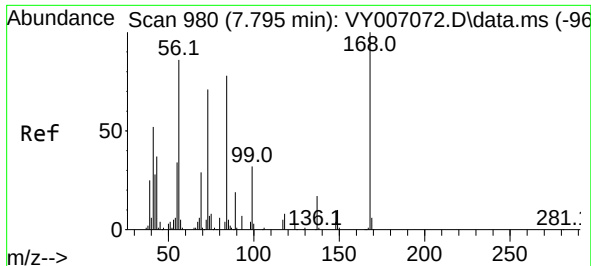
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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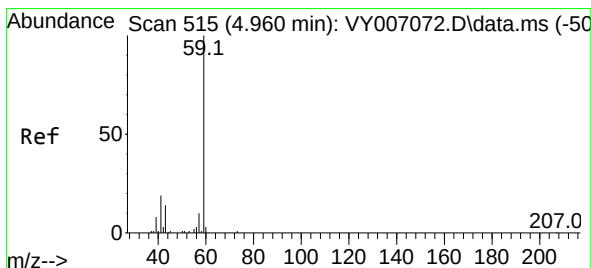
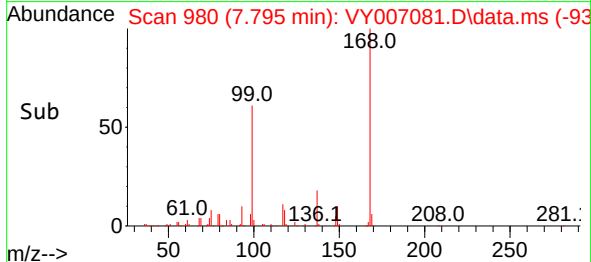
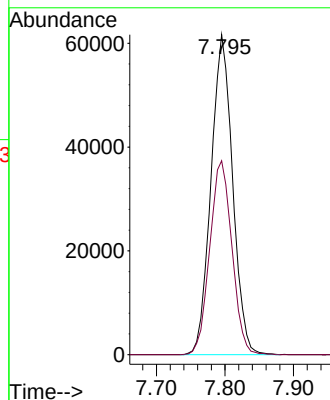
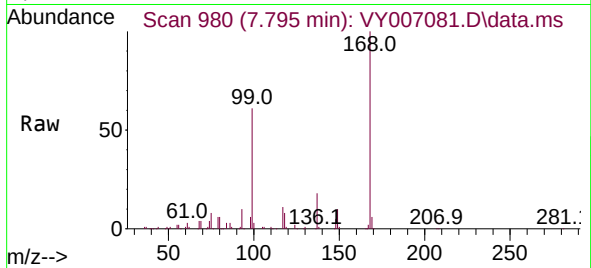




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007081.D
Acq: 08 Jan 2022 16:19

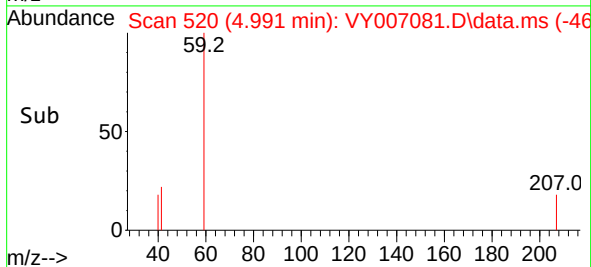
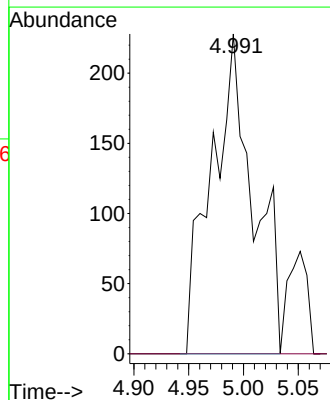
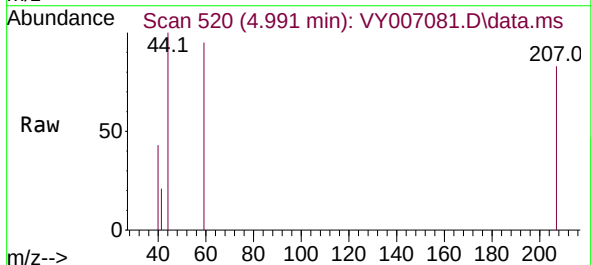
Instrument :
MSVOA_Y
ClientSampleId :
124035

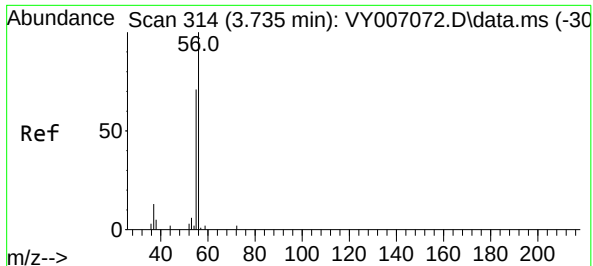
Tgt Ion:168 Resp: 135008
Ion Ratio Lower Upper
168 100
99 60.6 49.1 73.7



#11
Tert butyl alcohol
Concen: 4.721 ug/l
RT: 4.991 min Scan# 520
Delta R.T. 0.031 min
Lab File: VY007081.D
Acq: 08 Jan 2022 16:19

Tgt Ion: 59 Resp: 608
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#





#13

Acrolein

Concen: Below Cal

RT: 3.741 min Scan# 314

Delta R.T. 0.006 min

Lab File: VY007081.D

Acq: 08 Jan 2022 16:19

Instrument :

MSVOA_Y

ClientSampleId :

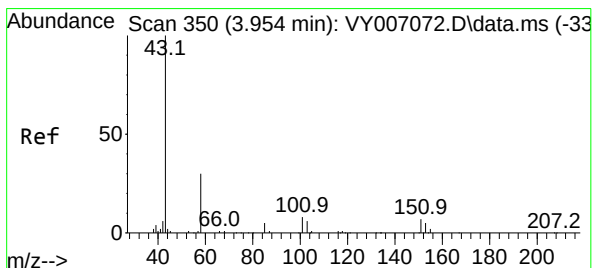
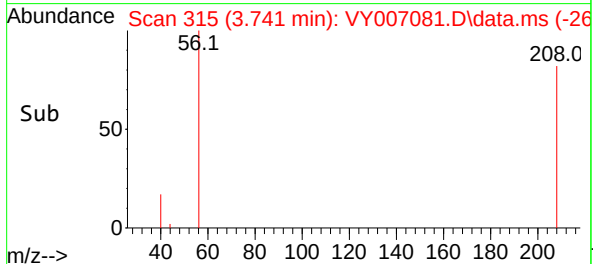
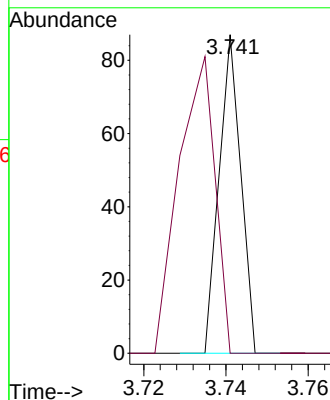
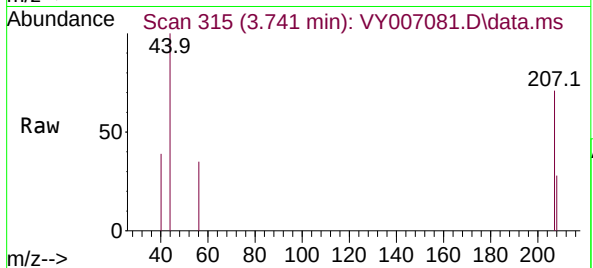
124035

Tgt Ion: 56 Resp: 32

Ion Ratio Lower Upper

56 100

55 0.0 55.7 83.5#



#16

Acetone

Concen: 31.753 ug/l

RT: 3.960 min Scan# 351

Delta R.T. 0.006 min

Lab File: VY007081.D

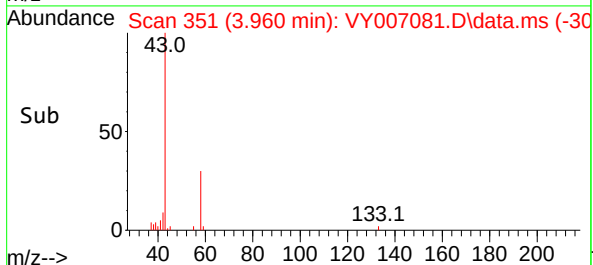
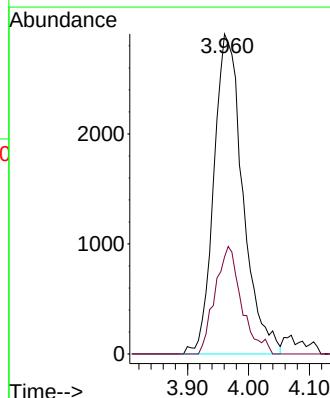
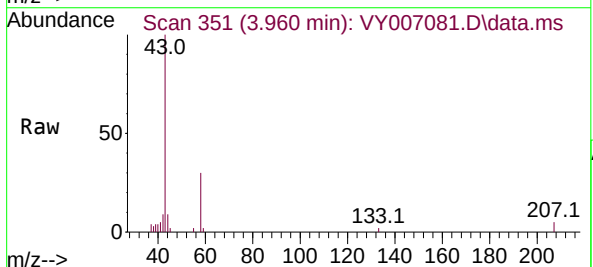
Acq: 08 Jan 2022 16:19

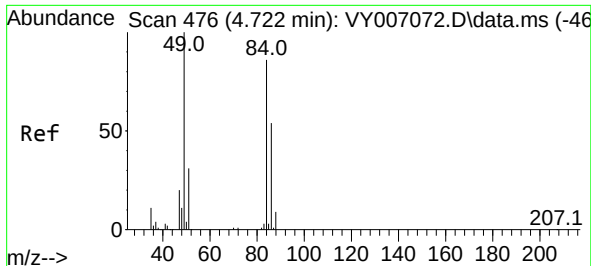
Tgt Ion: 43 Resp: 9622

Ion Ratio Lower Upper

43 100

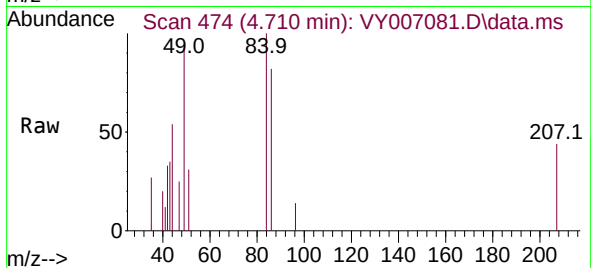
58 30.3 23.8 35.6



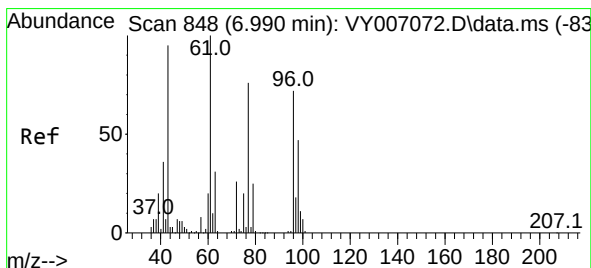
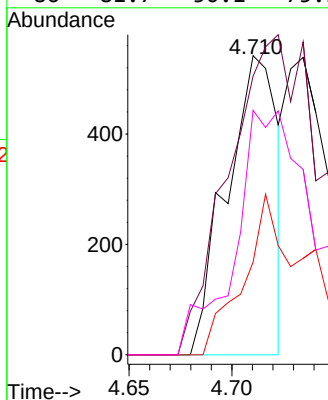
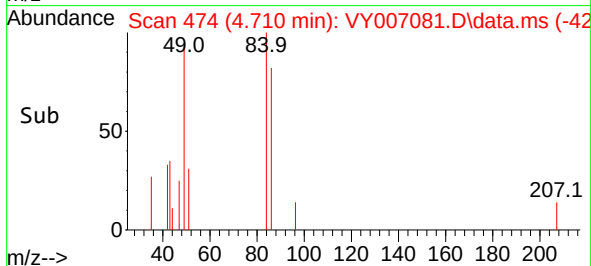


#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 41
Delta R.T. -0.012 min
Lab File: VY007081.D
Acq: 08 Jan 2022 16:19

Instrument :
MSVOA_Y
ClientSampleId :
124035

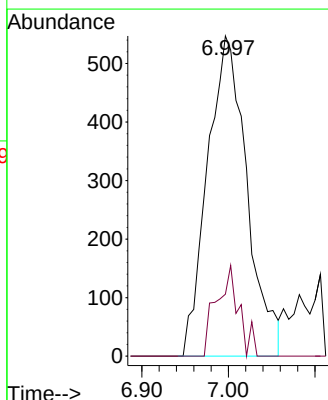
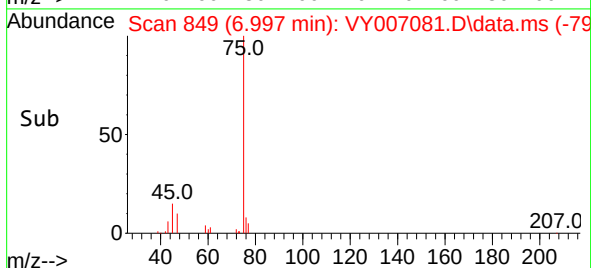
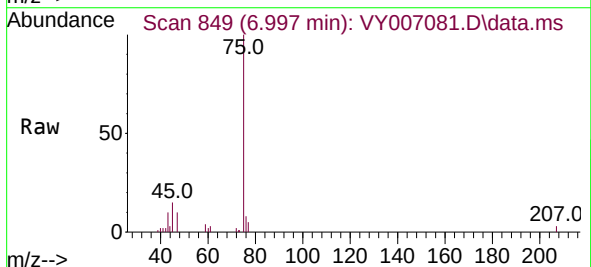


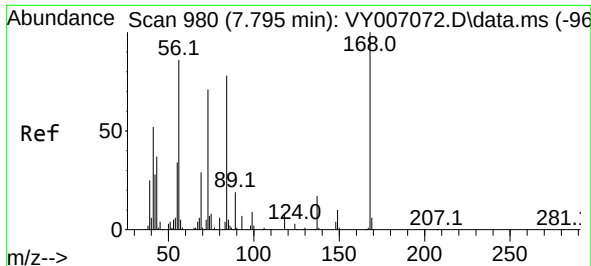
Tgt Ion: 84 Resp: 930
Ion Ratio Lower Upper
84 100
49 93.2 92.6 139.0
51 31.0 28.6 42.8
86 81.7 50.1 75.1#



#25
2-Butanone
Concen: 3.699 ug/l
RT: 6.997 min Scan# 849
Delta R.T. 0.006 min
Lab File: VY007081.D
Acq: 08 Jan 2022 16:19

Tgt Ion: 43 Resp: 1732
Ion Ratio Lower Upper
43 100
72 19.4 21.9 32.9#

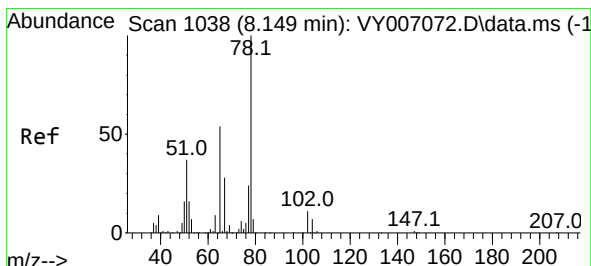
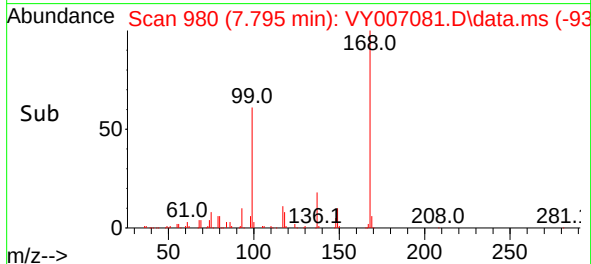
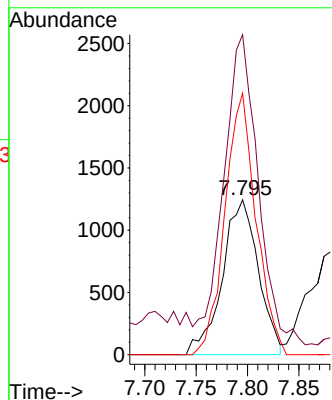
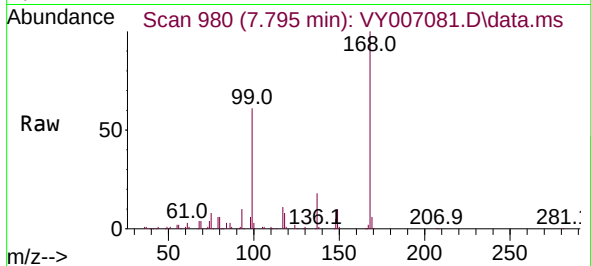




#31
Cyclohexane
Concen: 1.093 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007081.D
Acq: 08 Jan 2022 16:19

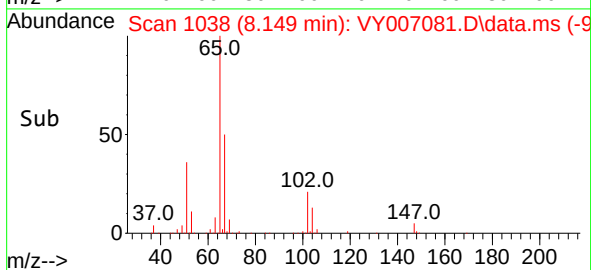
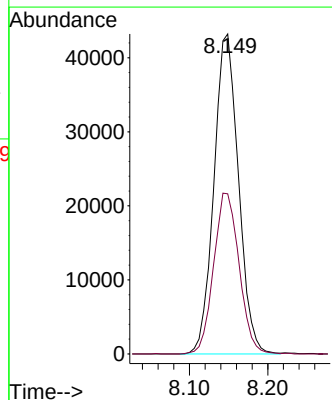
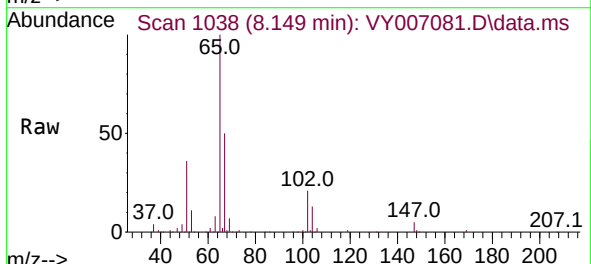
Instrument :
MSVOA_Y
ClientSampleId :
124035

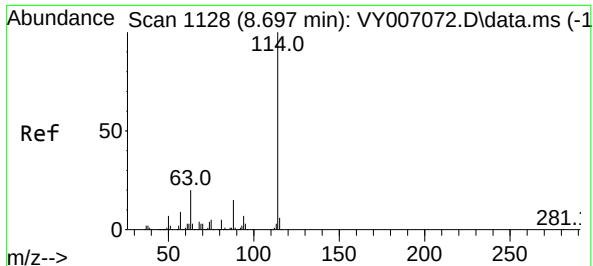
Tgt Ion: 56 Resp: 3038
Ion Ratio Lower Upper
56 100
69 189.8 27.2 40.8#
84 168.8 72.1 108.1#



#33
1,2-Dichloroethane-d4
Concen: 58.243 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY007081.D
Acq: 08 Jan 2022 16:19

Tgt Ion: 65 Resp: 94071
Ion Ratio Lower Upper
65 100
67 52.2 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: VY007081.D

Acq: 08 Jan 2022 16:19

Instrument :

MSVOA_Y

ClientSampleId :

124035

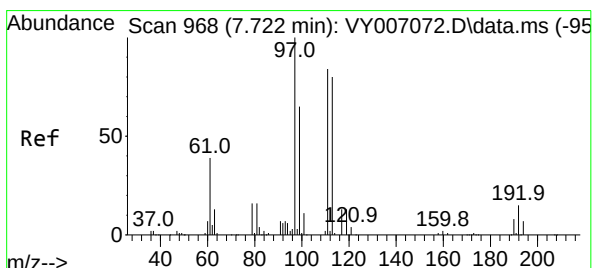
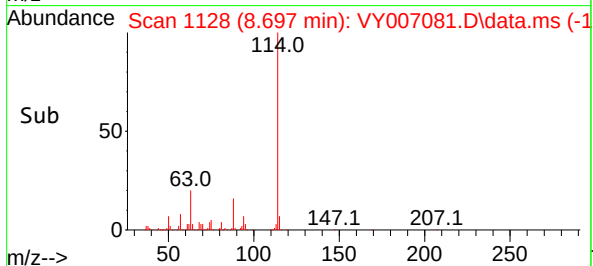
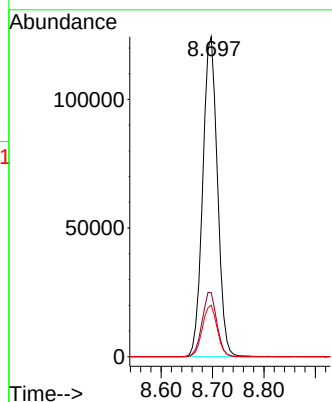
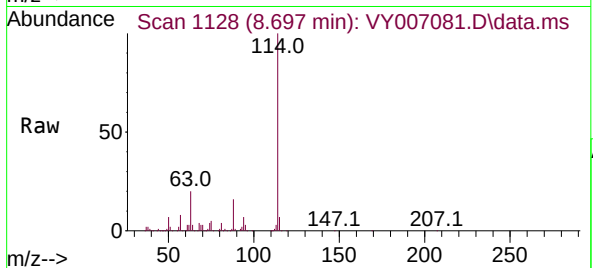
Tgt Ion:114 Resp: 246528

Ion Ratio Lower Upper

114 100

63 20.0 0.0 39.2

88 16.1 0.0 31.0



#35

Dibromofluoromethane

Concen: 49.396 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY007081.D

Acq: 08 Jan 2022 16:19

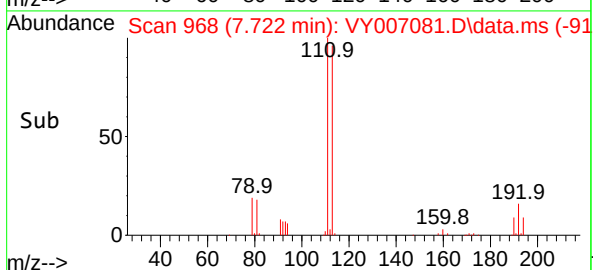
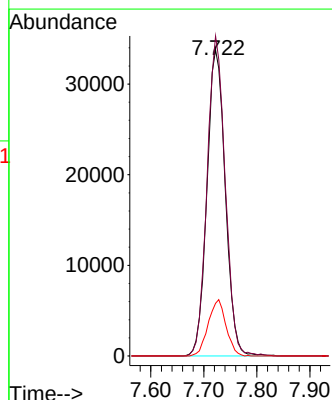
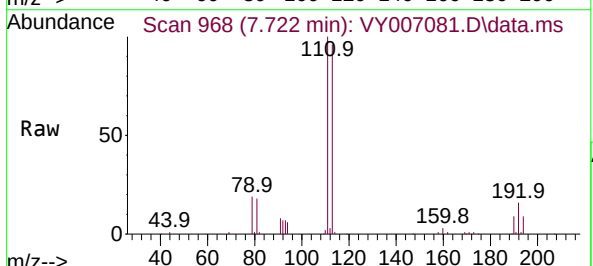
Tgt Ion:113 Resp: 81161

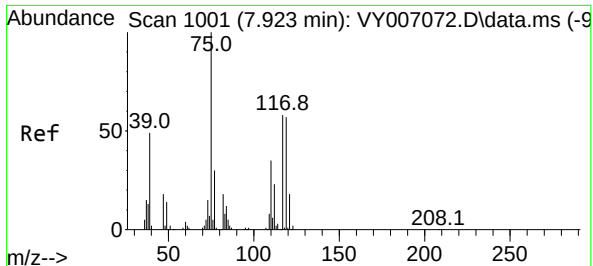
Ion Ratio Lower Upper

113 100

111 103.2 82.2 123.4

192 17.9 14.2 21.4





#36

1,1-Dichloropropene

Concen: 4.330 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.128 min

Lab File: VY007081.D

Acq: 08 Jan 2022 16:19

Instrument :

MSVOA_Y

ClientSampleId :

124035

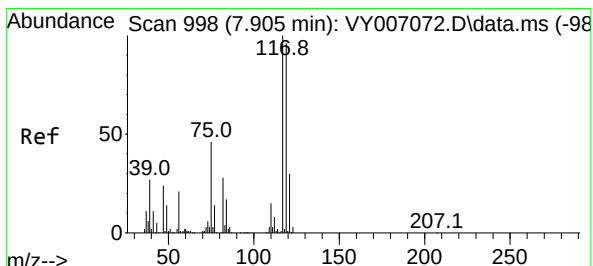
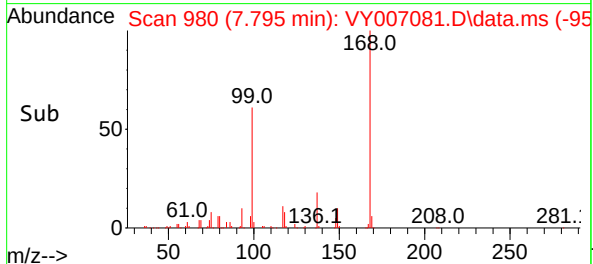
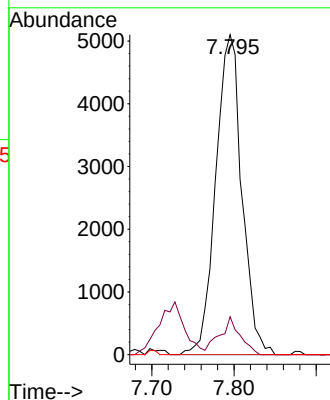
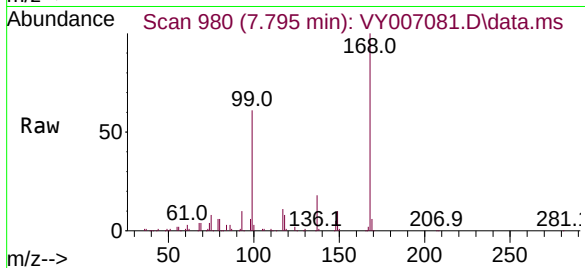
Tgt Ion: 75 Resp: 11274

Ion Ratio Lower Upper

75 100

110 9.2 17.3 51.9#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 5.426 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.110 min

Lab File: VY007081.D

Acq: 08 Jan 2022 16:19

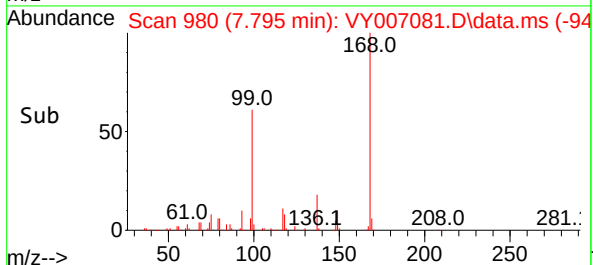
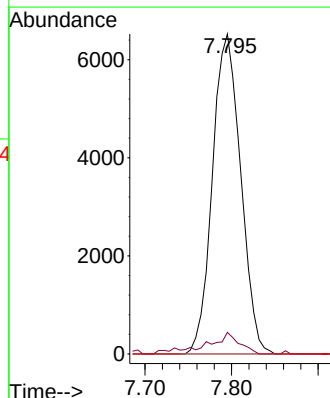
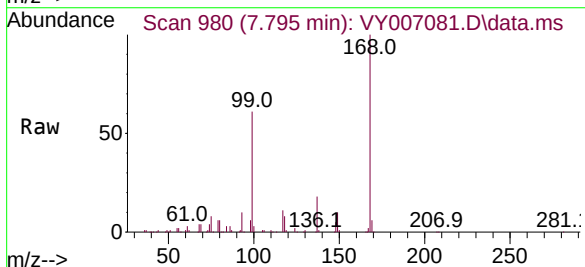
Tgt Ion: 117 Resp: 14761

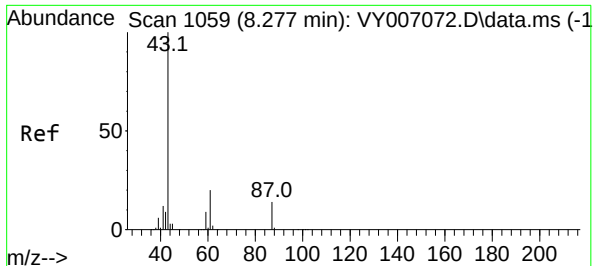
Ion Ratio Lower Upper

117 100

119 6.8 77.2 115.8#

121 0.0 24.2 36.2#

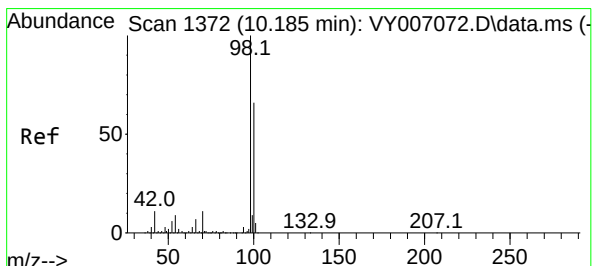
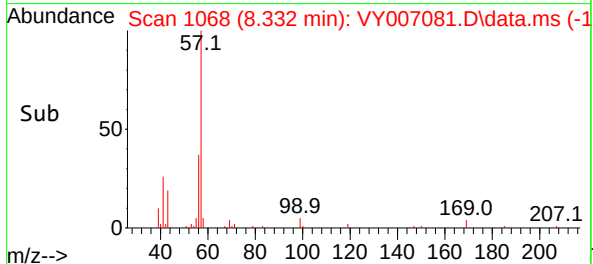
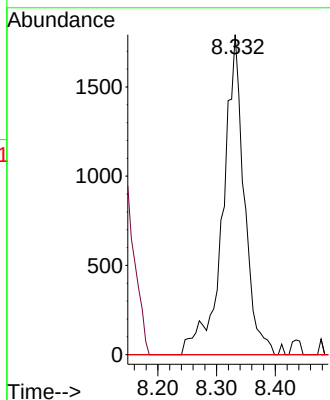
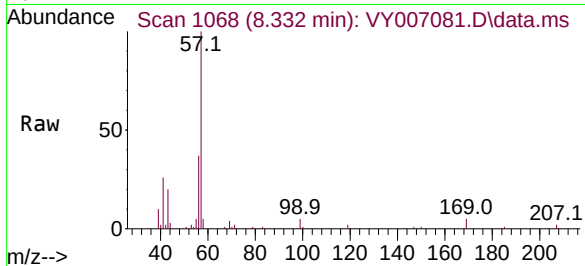




#43
Isopropyl Acetate
Concen: 1.840 ug/l
RT: 8.332 min Scan# 1068
Delta R.T. 0.055 min
Lab File: VY007081.D
Acq: 08 Jan 2022 16:19

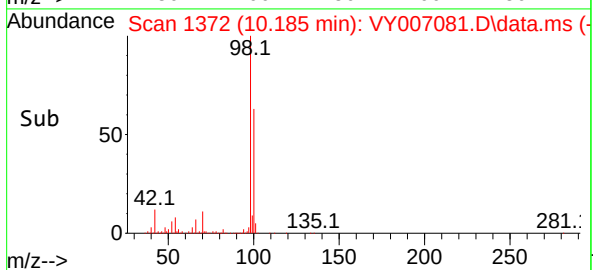
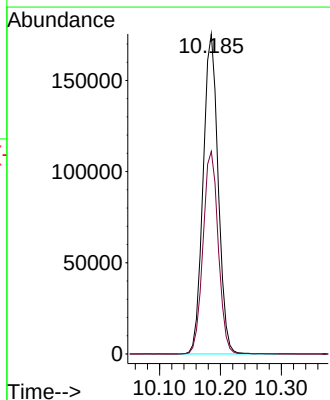
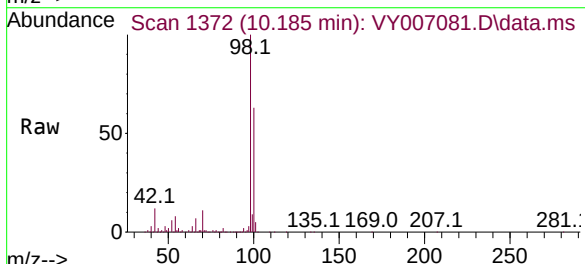
Instrument :
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ClientSampleId :
124035

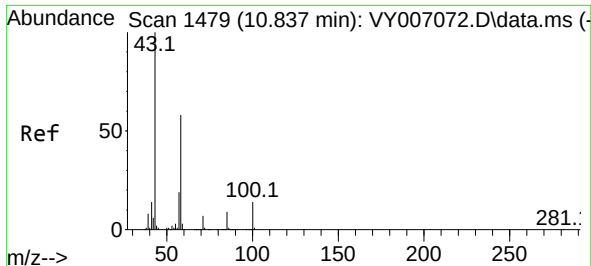
Tgt Ion: 43 Resp: 4549
Ion Ratio Lower Upper
43 100
61 0.0 23.8 35.8#
87 0.0 11.6 17.4#



#50
Toluene-d8
Concen: 49.577 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY007081.D
Acq: 08 Jan 2022 16:19

Tgt Ion: 98 Resp: 300886
Ion Ratio Lower Upper
98 100
100 64.0 52.2 78.2

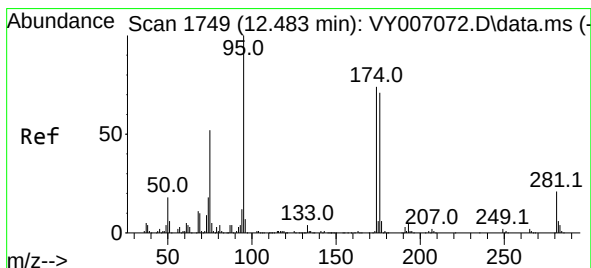
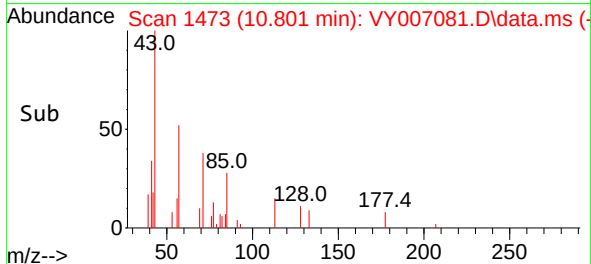
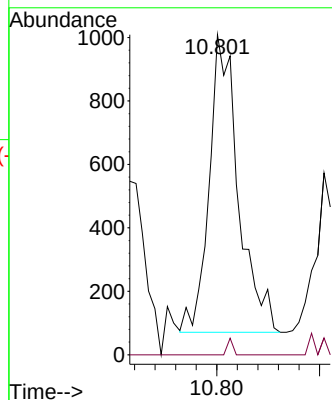
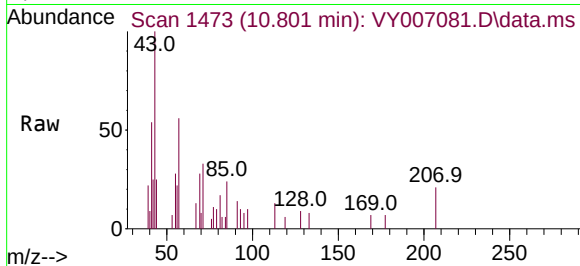




#59
2-Hexanone
Concen: 2.335 ug/l
RT: 10.801 min Scan# 1473
Delta R.T. -0.036 min
Lab File: VY007081.D
Acq: 08 Jan 2022 16:19

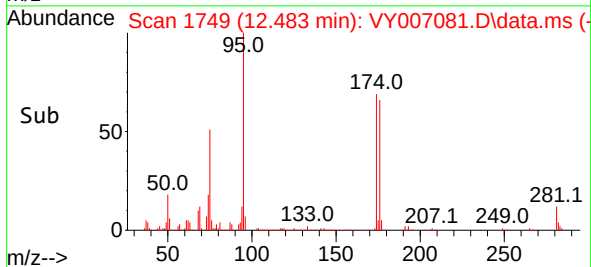
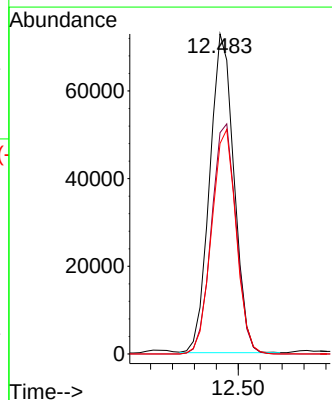
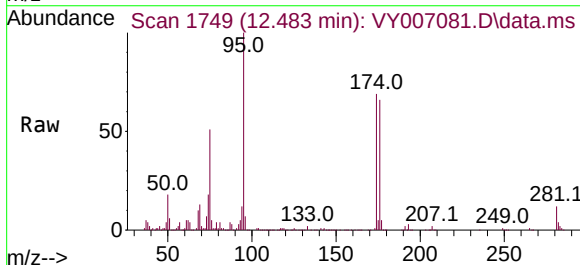
Instrument :
MSVOA_Y
ClientSampleId :
124035

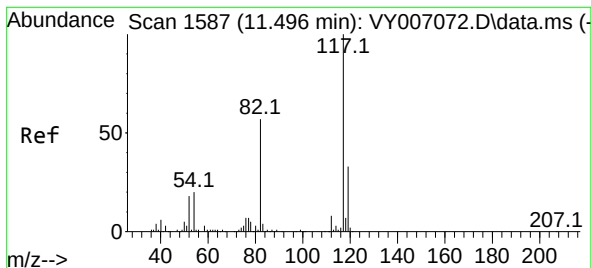
Tgt Ion: 43 Resp: 1845
Ion Ratio Lower Upper
43 100
58 1.0 28.4 85.3#



#62
4-Bromofluorobenzene
Concen: 51.057 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007081.D
Acq: 08 Jan 2022 16:19

Tgt Ion: 95 Resp: 111755
Ion Ratio Lower Upper
95 100
174 73.7 0.0 148.4
176 71.3 0.0 146.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 117

Delta R.T. 0.000 min

Lab File: VY007081.D

Acq: 08 Jan 2022 16:19

Instrument :

MSVOA_Y

ClientSampleId :

124035

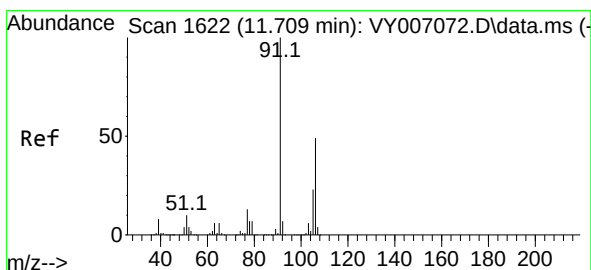
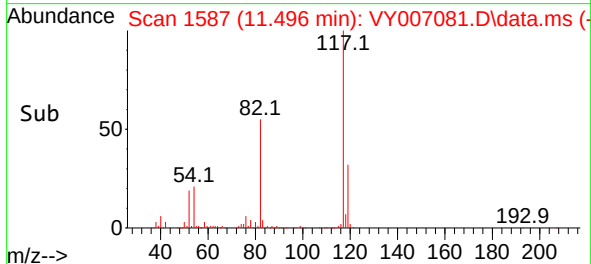
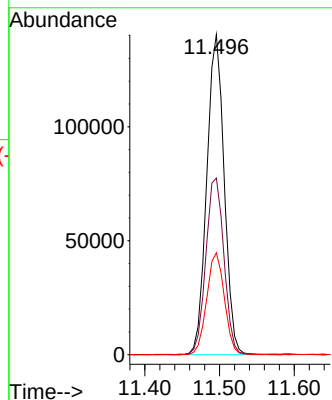
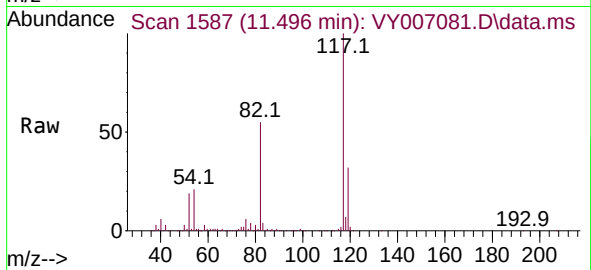
Tgt Ion:117 Resp: 227044

Ion Ratio Lower Upper

117 100

82 55.0 45.4 68.0

119 31.8 26.4 39.6



#68

m/p-Xylenes

Concen: 1.115 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. -0.012 min

Lab File: VY007081.D

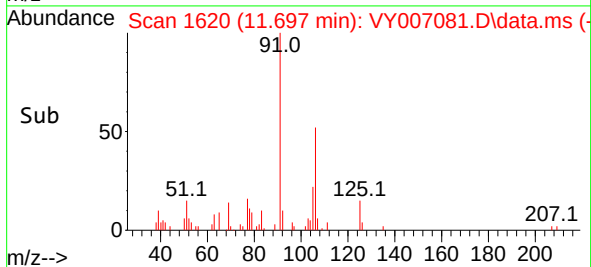
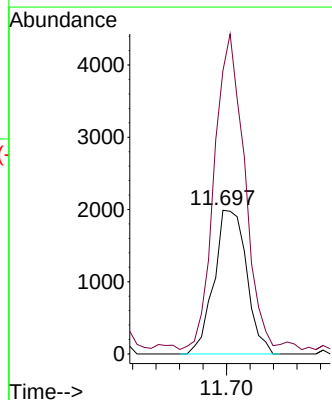
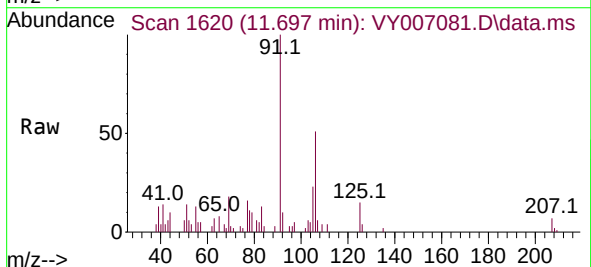
Acq: 08 Jan 2022 16:19

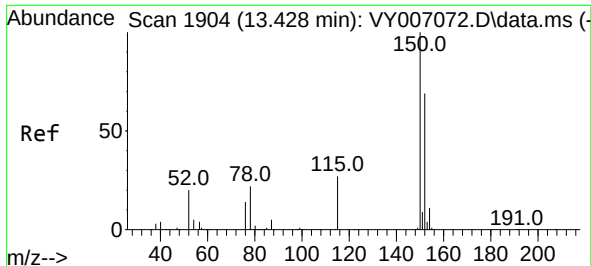
Tgt Ion:106 Resp: 3828

Ion Ratio Lower Upper

106 100

91 203.5 167.1 250.7

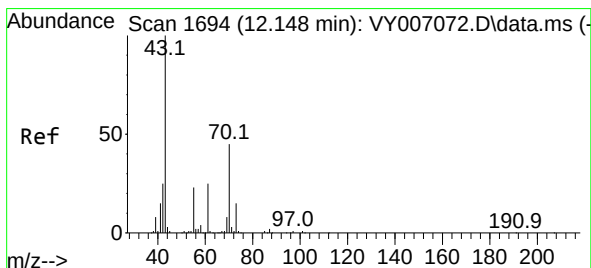
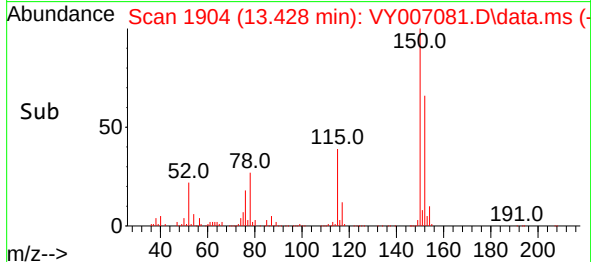
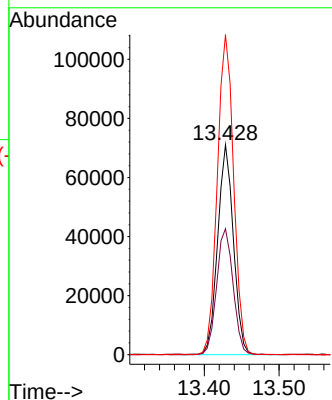
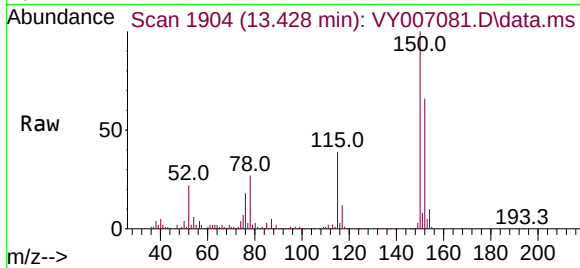




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY007081.D
Acq: 08 Jan 2022 16:19

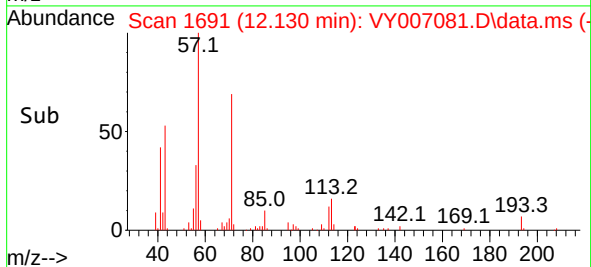
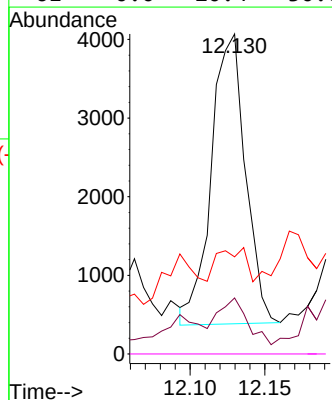
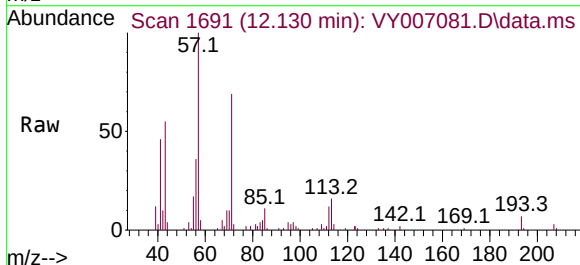
Instrument :
MSVOA_Y
ClientSampleId :
124035

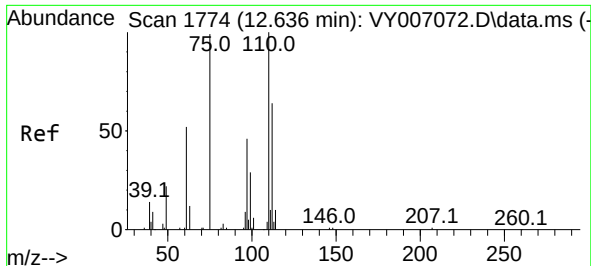
Tgt Ion:152 Resp: 104148
Ion Ratio Lower Upper
152 100
115 62.7 31.4 94.0
150 157.7 0.0 348.4



#74
N-ethyl acetate
Concen: 2.588 ug/l
RT: 12.130 min Scan# 1691
Delta R.T. -0.018 min
Lab File: VY007081.D
Acq: 08 Jan 2022 16:19

Tgt Ion: 43 Resp: 5838
Ion Ratio Lower Upper
43 100
70 13.6 36.2 54.4#
55 33.9 19.0 28.4#
61 0.0 20.4 30.6#

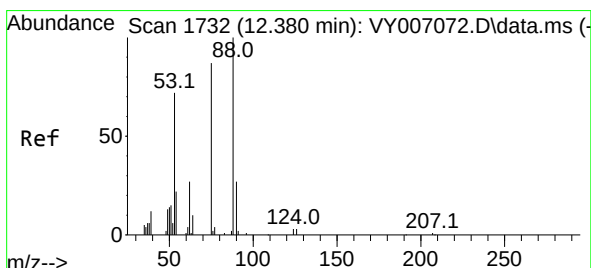
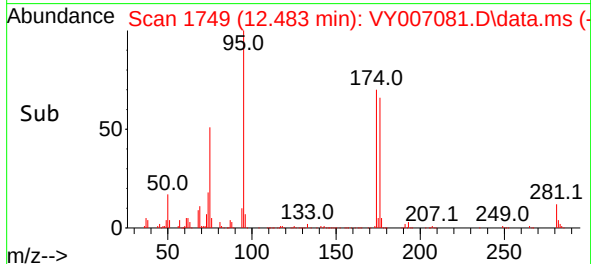
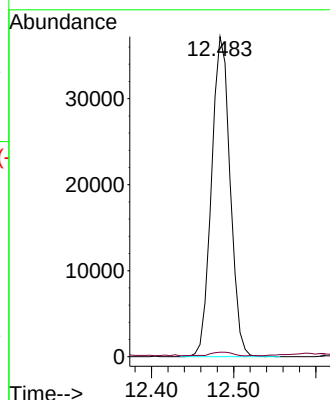
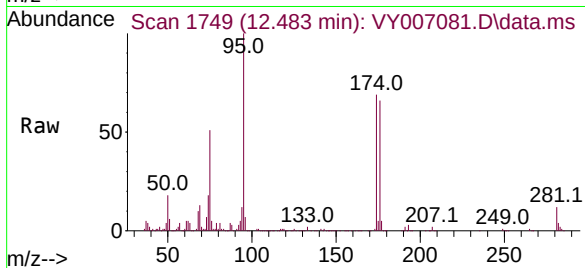




#76
1,2,3-Trichloropropane
Concen: 49.424 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.152 min
Lab File: VY007081.D
Acq: 08 Jan 2022 16:19

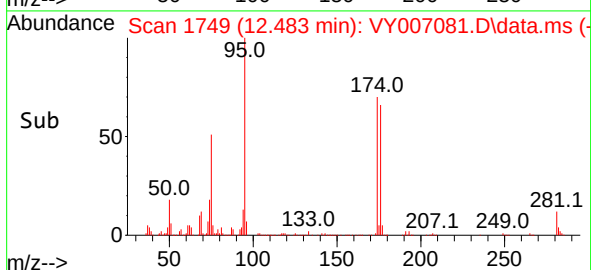
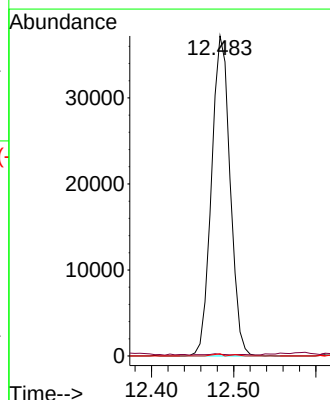
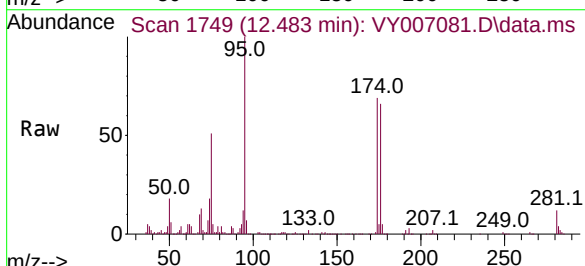
Instrument :
MSVOA_Y
ClientSampleId :
124035

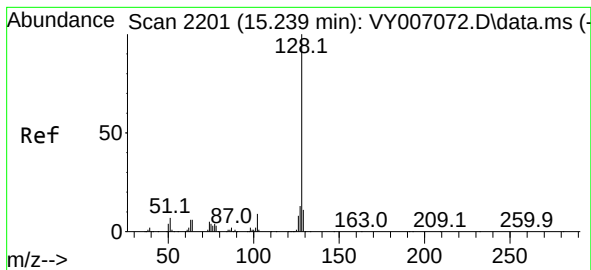
Tgt Ion: 75 Resp: 58747
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 92.831 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY007081.D
Acq: 08 Jan 2022 16:19

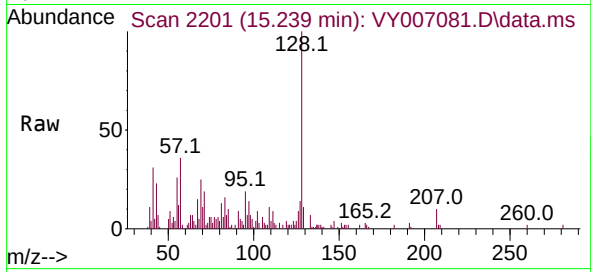
Tgt Ion: 75 Resp: 58747
Ion Ratio Lower Upper
75 100
53 0.3 73.9 110.9#
89 0.4 0.0 0.0#





#95
 Naphthalene
 Concen: 2.724 ug/l
 RT: 15.239 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VY007081.D
 Acq: 08 Jan 2022 16:19

Instrument :
 MSVOA_Y
 ClientSampleId :
 124035



Tgt Ion:	128	Resp:	11238
Ion	Ratio	Lower	Upper
128	100		
127	17.0	10.3	15.5#
129	13.6	8.9	13.3#

