

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010822\
 Data File : VY007083.D
 Acq On : 08 Jan 2022 17:04
 Operator : SY/MD
 Sample : N1069-01
 Misc : 4.52g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PX-1-010522

Quant Time: Jan 10 03:41:04 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)

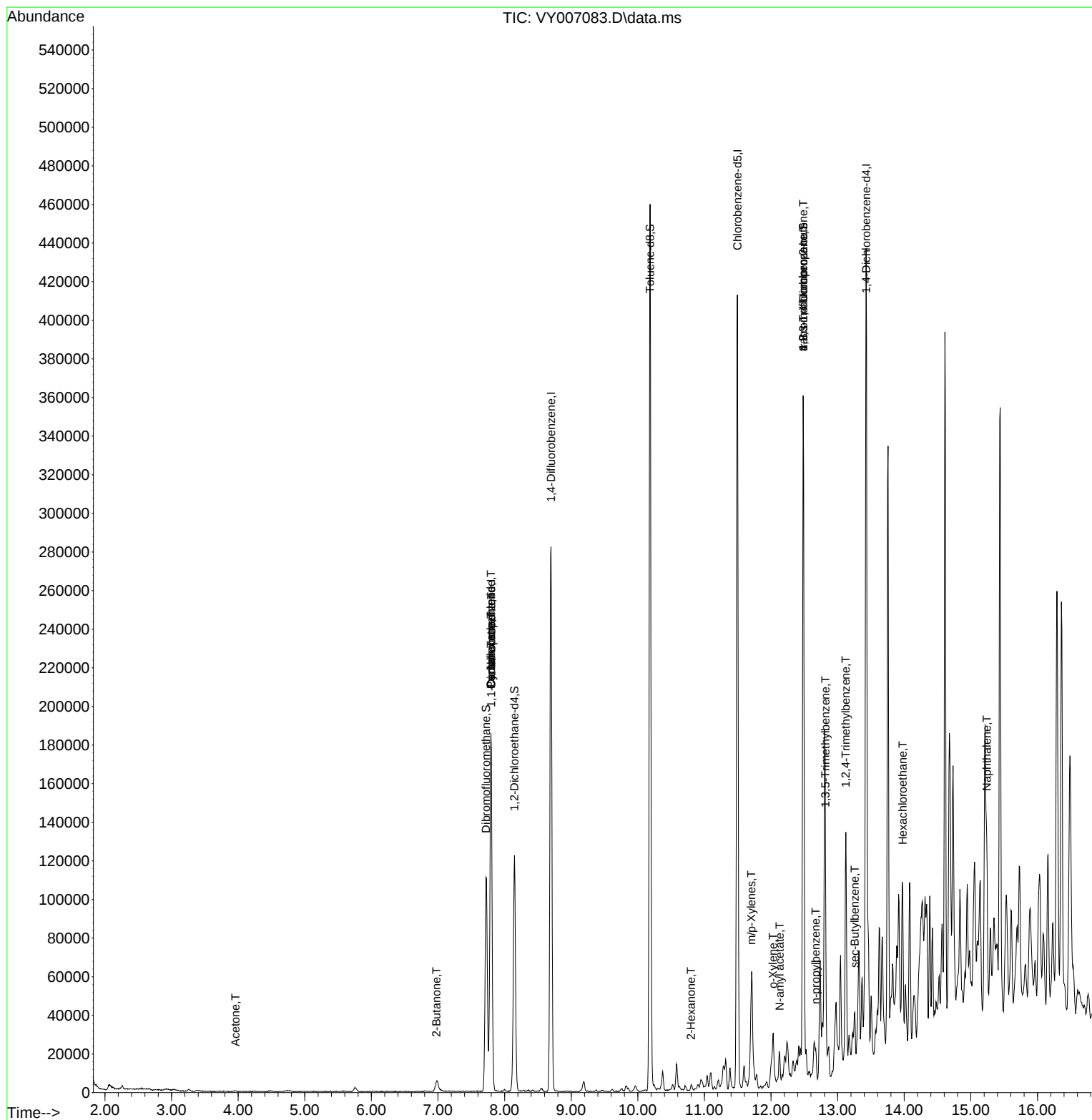
Internal Standards						
1) Pentafluorobenzene	7.795	168	135285	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	245605	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	221245	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	95578	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	96367	59.543	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	119.080%
35) Dibromofluoromethane	7.722	113	81018	49.495	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.980%
50) Toluene-d8	10.185	98	295996	48.955	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.900%
62) 4-Bromofluorobenzene	12.483	95	107638	49.361	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.720%
Target Compounds						
					Qvalue	
16) Acetone	3.960	43	887	2.921	ug/l #	72
20) Methylene Chloride	4.716	84	245	Below Cal	#	80
25) 2-Butanone	6.978	43	538	1.147	ug/l #	47
31) Cyclohexane	7.795	56	3330	1.195	ug/l #	1
36) 1,1-Dichloropropene	7.801	75	11370	4.384	ug/l #	50
38) Carbon Tetrachloride	7.795	117	14649	5.405	ug/l #	17
59) 2-Hexanone	10.801	43	1421	1.805	ug/l #	23
68) m/p-Xylenes	11.703	106	9896	2.959	ug/l	97
69) o-Xylene	12.032	106	6093	1.945	ug/l	95
74) N-amyl acetate	12.130	43	3539	1.709	ug/l #	62
76) 1,2,3-Trichloropropane	12.483	75	57029	52.281	ug/l #	100
78) n-propylbenzene	12.672	91	11961	1.204	ug/l	100
80) 1,3,5-Trimethylbenzene	12.819	105	19997	2.989	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.483	75	57029	98.197	ug/l #	3
84) 1,2,4-Trimethylbenzene	13.123	105	62652	9.528	ug/l	97
85) sec-Butylbenzene	13.258	105	12527	1.459	ug/l	94
90) Hexachloroethane	13.977	117	3329	2.390	ug/l #	16
95) Naphthalene	15.239	128	60891	16.081	ug/l	97

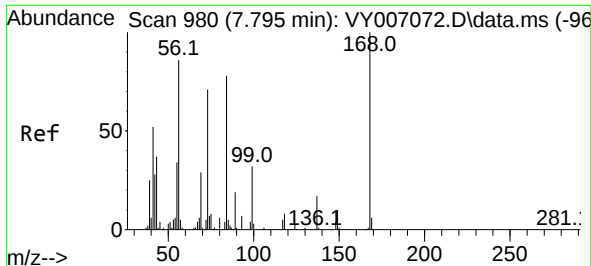
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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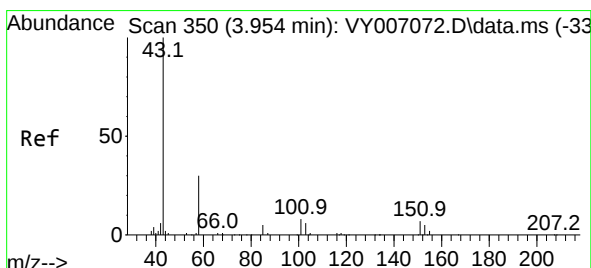
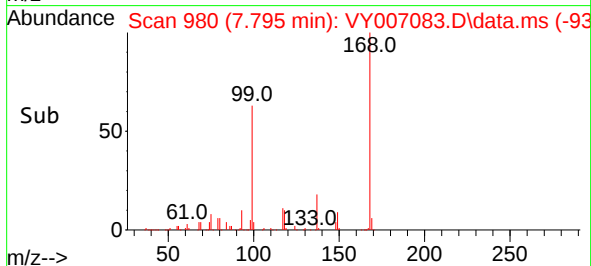
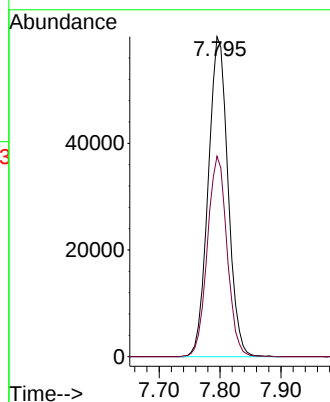
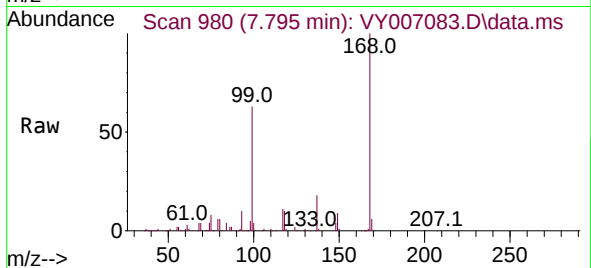




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007083.D
Acq: 08 Jan 2022 17:04

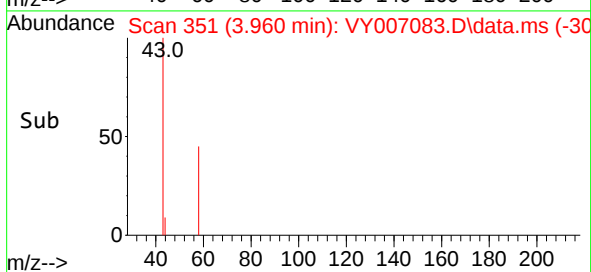
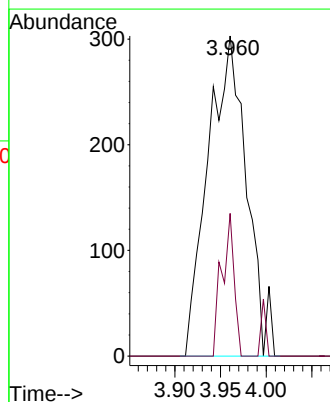
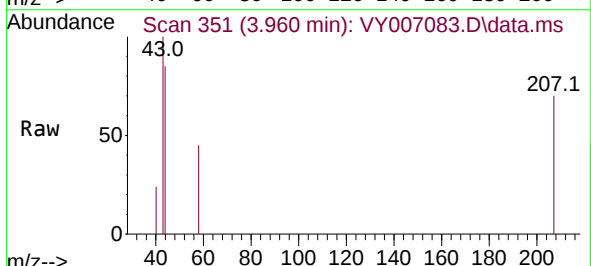
Instrument :
MSVOA_Y
ClientSampleId :
PX-1-010522

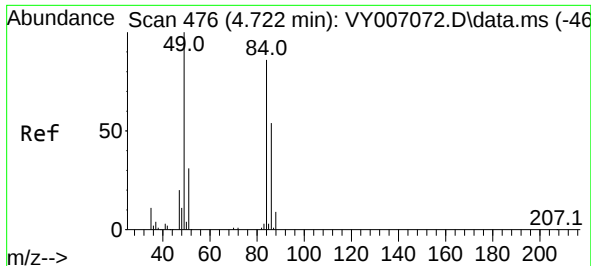
Tgt Ion:168 Resp: 135285
Ion Ratio Lower Upper
168 100
99 62.6 49.1 73.7



#16
Acetone
Concen: 2.921 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY007083.D
Acq: 08 Jan 2022 17:04

Tgt Ion: 43 Resp: 887
Ion Ratio Lower Upper
43 100
58 44.6 23.8 35.6#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.716 min Scan# 41

Delta R.T. -0.006 min

Lab File: VY007083.D

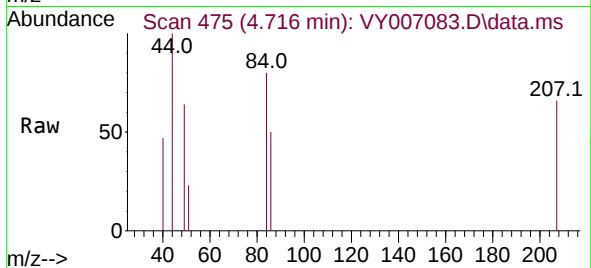
Acq: 08 Jan 2022 17:04

Instrument :

MSVOA_Y

ClientSampleId :

PX-1-010522



Tgt Ion: 84 Resp: 245

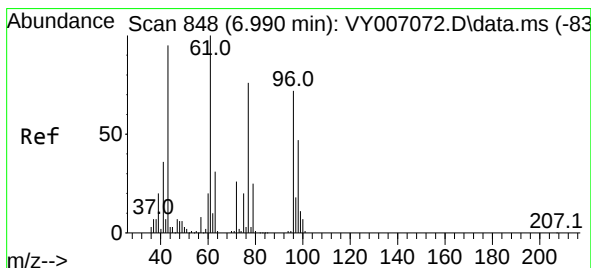
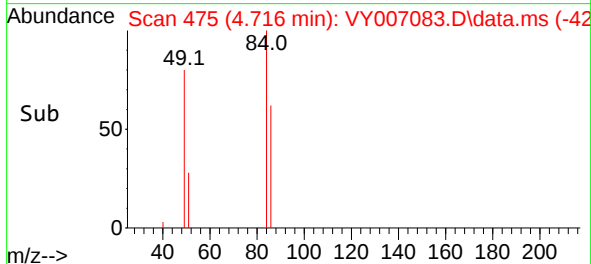
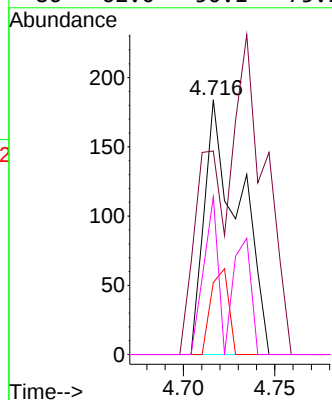
Ion Ratio Lower Upper

84 100

49 79.9 92.6 139.0#

51 28.3 28.6 42.8#

86 62.0 50.1 75.1



#25

2-Butanone

Concen: 1.147 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.012 min

Lab File: VY007083.D

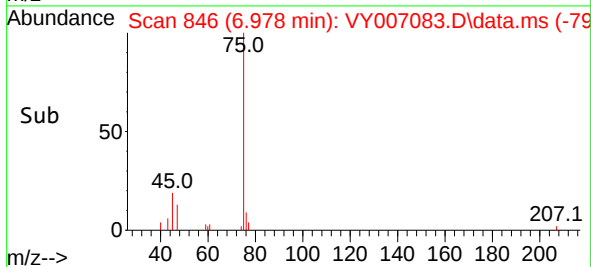
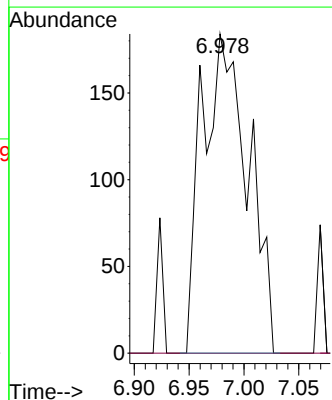
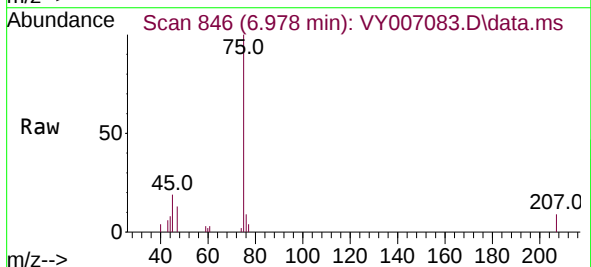
Acq: 08 Jan 2022 17:04

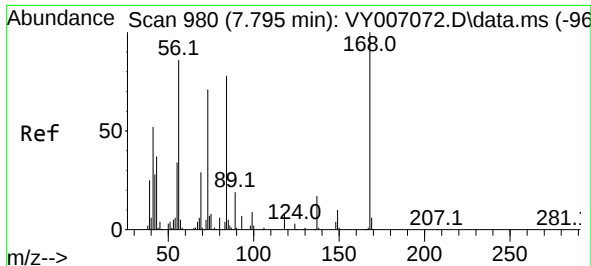
Tgt Ion: 43 Resp: 538

Ion Ratio Lower Upper

43 100

72 0.0 21.9 32.9#

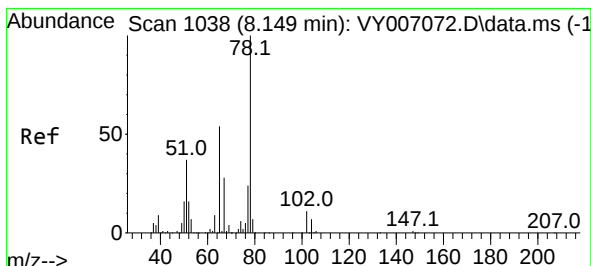
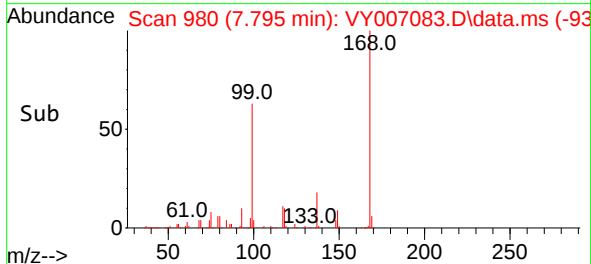
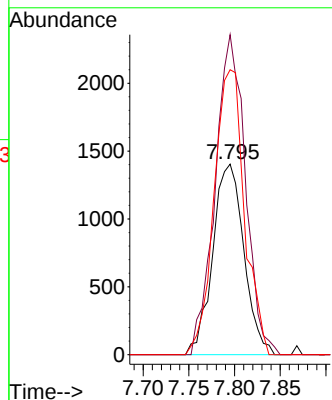
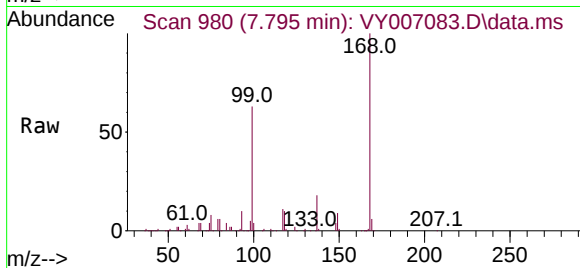




#31
Cyclohexane
Concen: 1.195 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY007083.D
Acq: 08 Jan 2022 17:04

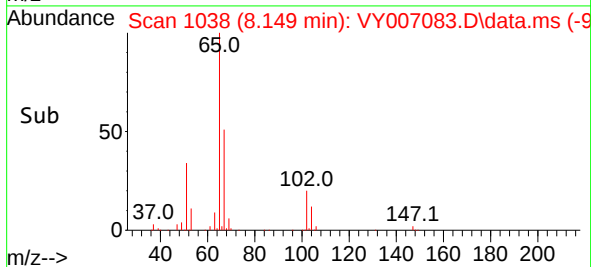
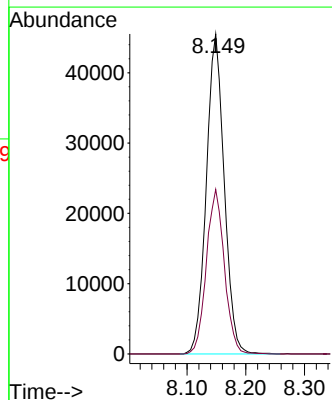
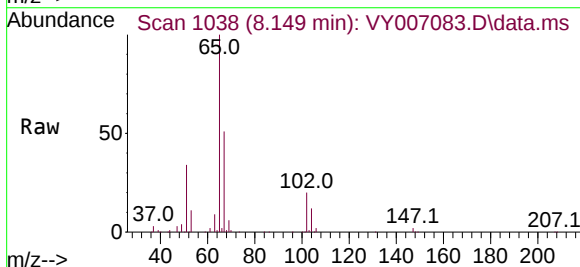
Instrument :
MSVOA_Y
ClientSampleId :
PX-1-010522

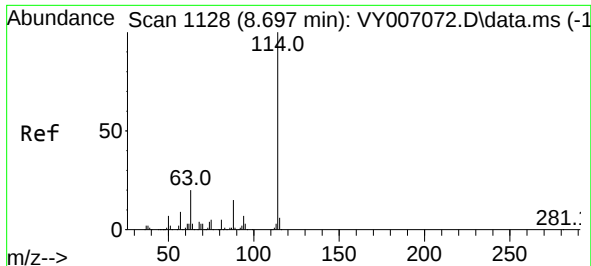
Tgt Ion: 56 Resp: 3330
Ion Ratio Lower Upper
56 100
69 167.9 27.2 40.8#
84 149.6 72.1 108.1#



#33
1,2-Dichloroethane-d4
Concen: 59.543 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY007083.D
Acq: 08 Jan 2022 17:04

Tgt Ion: 65 Resp: 96367
Ion Ratio Lower Upper
65 100
67 51.8 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: VY007083.D

Acq: 08 Jan 2022 17:04

Instrument :

MSVOA_Y

ClientSampleId :

PX-1-010522

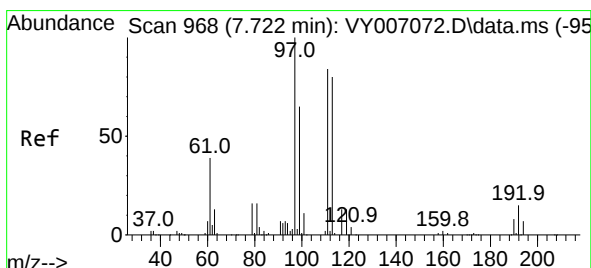
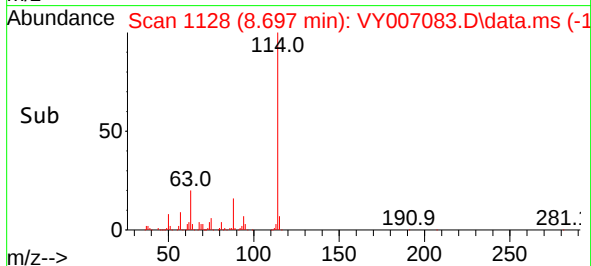
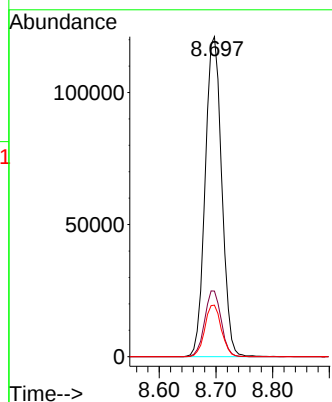
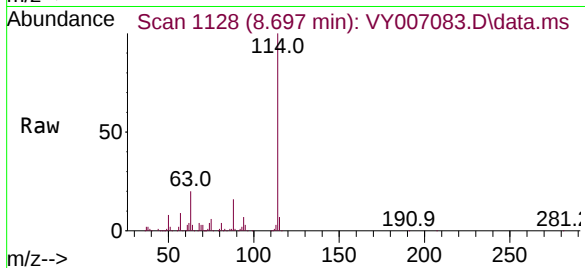
Tgt Ion:114 Resp: 245605

Ion Ratio Lower Upper

114 100

63 20.5 0.0 39.2

88 16.1 0.0 31.0



#35

Dibromofluoromethane

Concen: 49.495 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.000 min

Lab File: VY007083.D

Acq: 08 Jan 2022 17:04

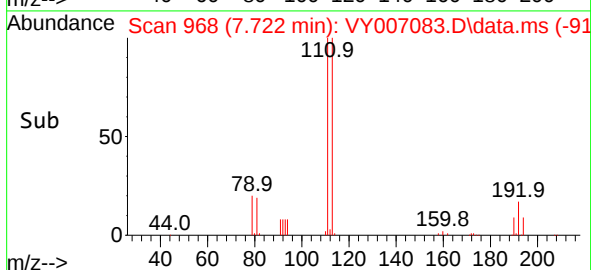
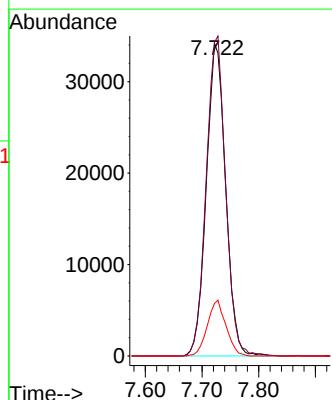
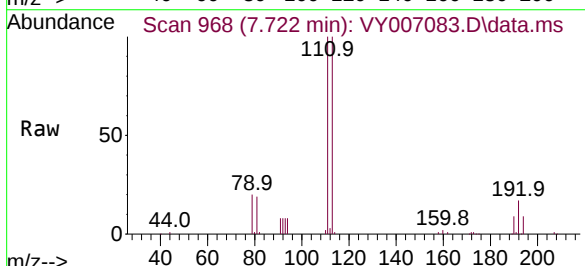
Tgt Ion:113 Resp: 81018

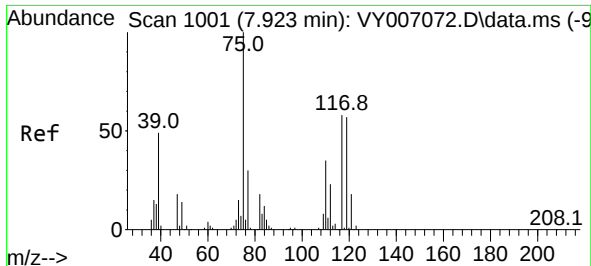
Ion Ratio Lower Upper

113 100

111 102.6 82.2 123.4

192 17.2 14.2 21.4





#36

1,1-Dichloropropene

Concen: 4.384 ug/l

RT: 7.801 min Scan# 91

Delta R.T. -0.122 min

Lab File: VY007083.D

Acq: 08 Jan 2022 17:04

Instrument :

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PX-1-010522

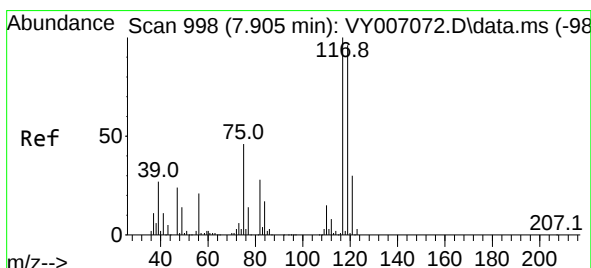
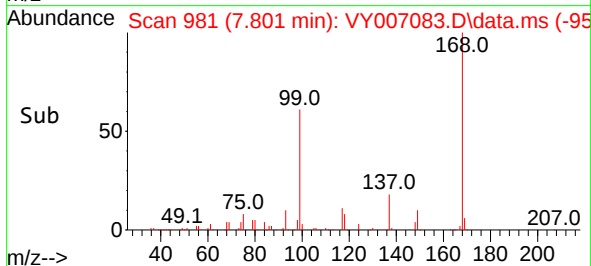
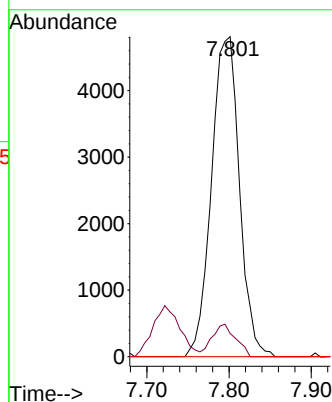
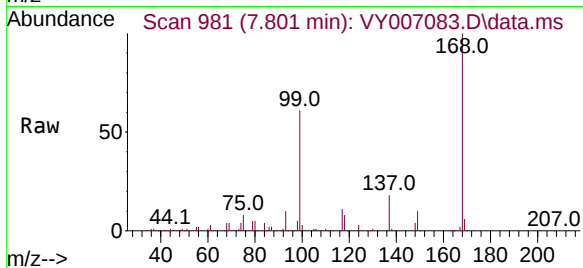
Tgt Ion: 75 Resp: 11370

Ion Ratio Lower Upper

75 100

110 8.6 17.3 51.9#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 5.405 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.110 min

Lab File: VY007083.D

Acq: 08 Jan 2022 17:04

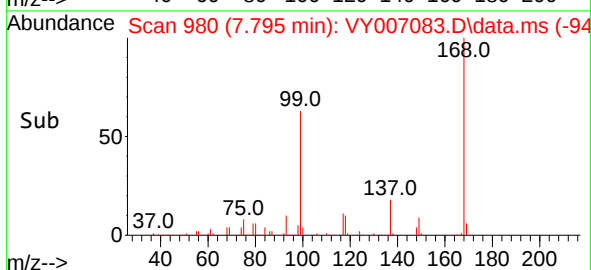
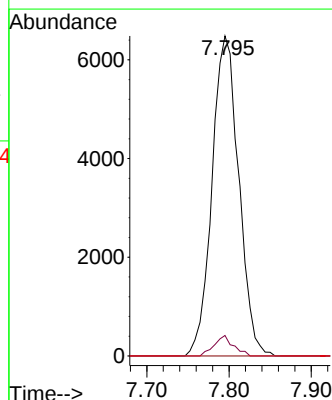
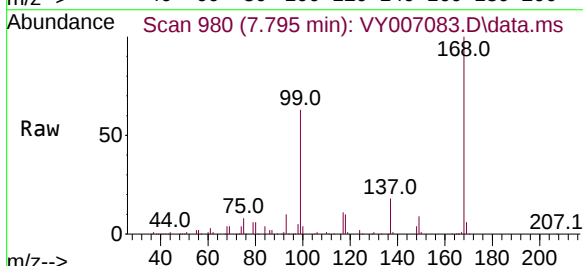
Tgt Ion: 117 Resp: 14649

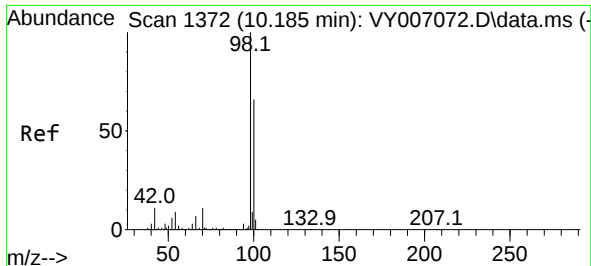
Ion Ratio Lower Upper

117 100

119 6.4 77.2 115.8#

121 0.0 24.2 36.2#

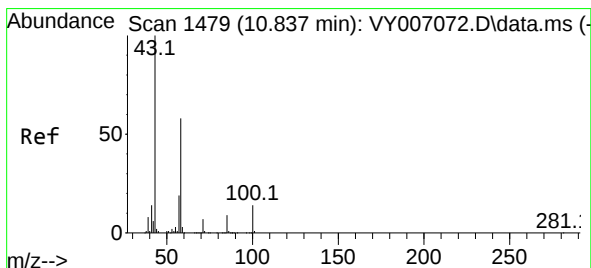
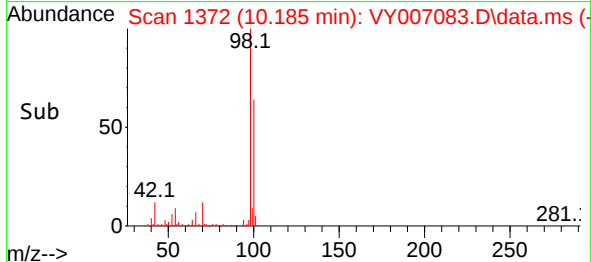
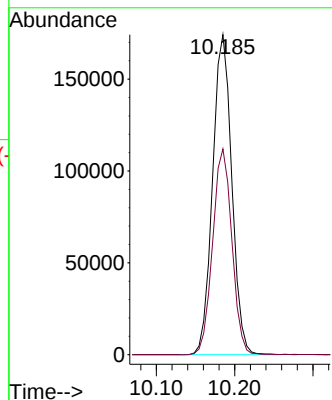
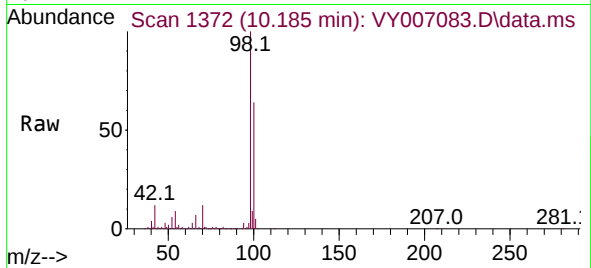




#50
Toluene-d8
Concen: 48.955 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007083.D
Acq: 08 Jan 2022 17:04

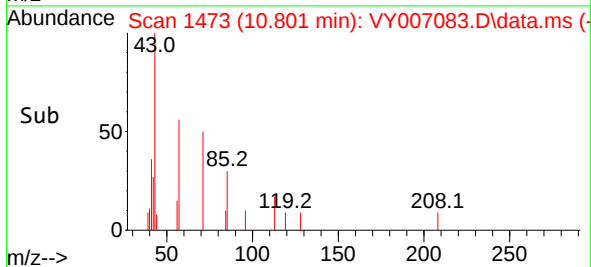
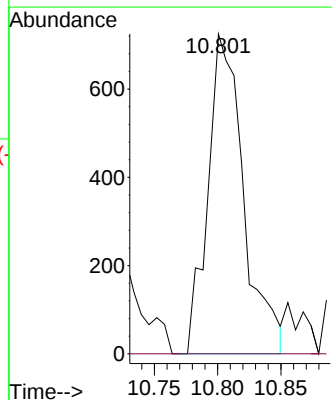
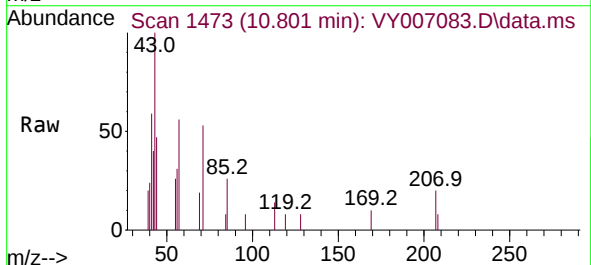
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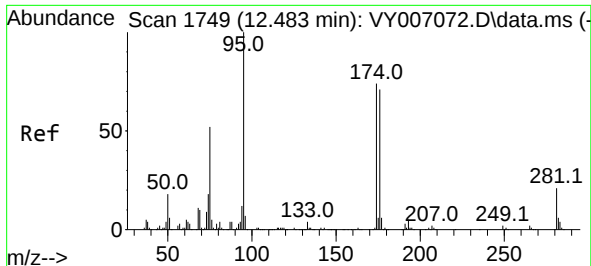
Tgt Ion: 98 Resp: 295996
Ion Ratio Lower Upper
98 100
100 64.5 52.2 78.2



#59
2-Hexanone
Concen: 1.805 ug/l
RT: 10.801 min Scan# 1473
Delta R.T. -0.037 min
Lab File: VY007083.D
Acq: 08 Jan 2022 17:04

Tgt Ion: 43 Resp: 1421
Ion Ratio Lower Upper
43 100
58 0.0 28.4 85.3#

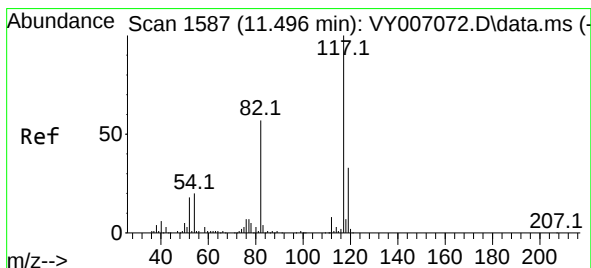
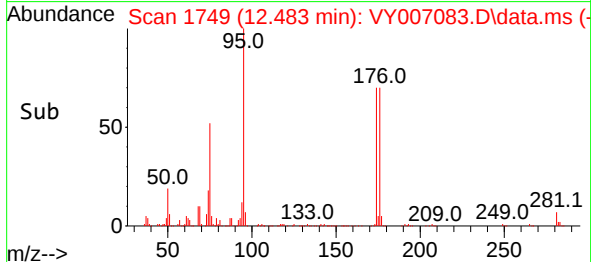
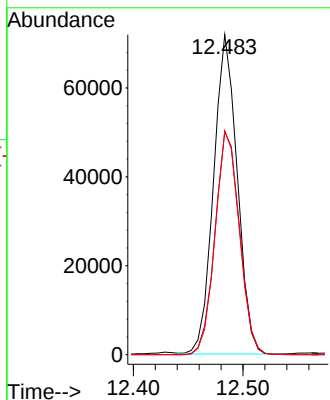
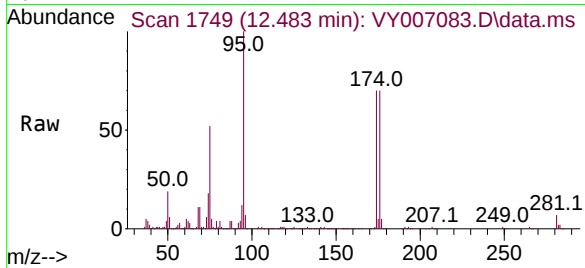




#62
4-Bromofluorobenzene
Concen: 49.361 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007083.D
Acq: 08 Jan 2022 17:04

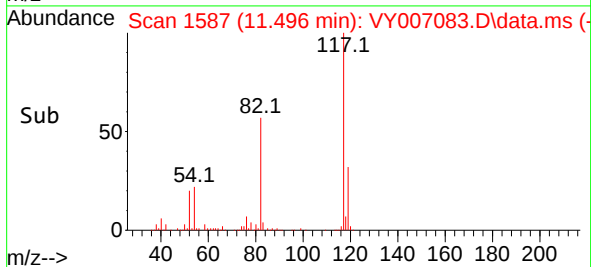
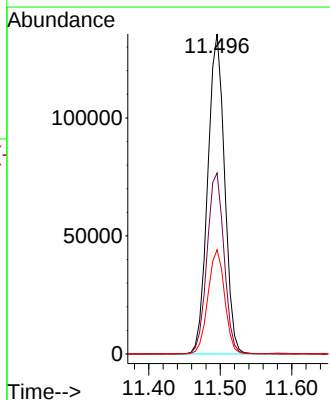
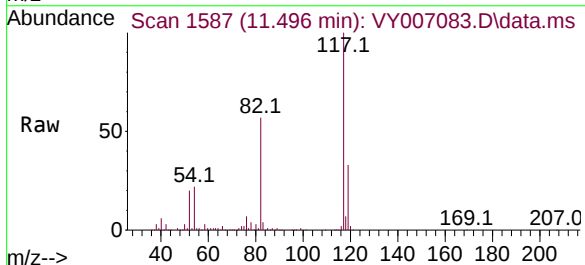
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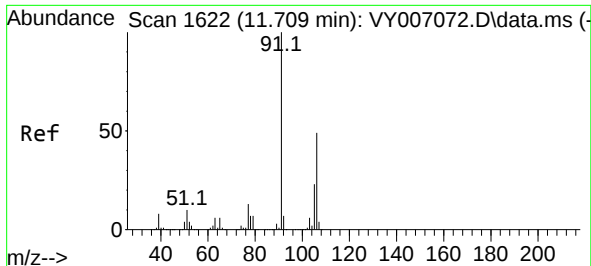
Tgt Ion: 95 Resp: 107638
Ion Ratio Lower Upper
95 100
174 72.8 0.0 148.4
176 71.5 0.0 146.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY007083.D
Acq: 08 Jan 2022 17:04

Tgt Ion: 117 Resp: 221245
Ion Ratio Lower Upper
117 100
82 56.5 45.4 68.0
119 32.5 26.4 39.6

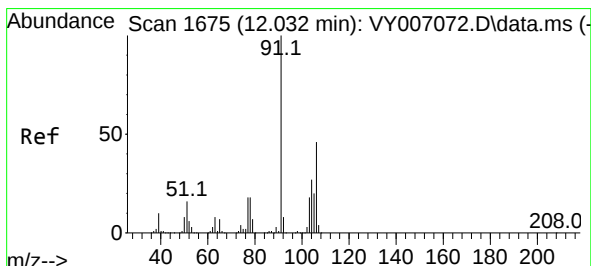
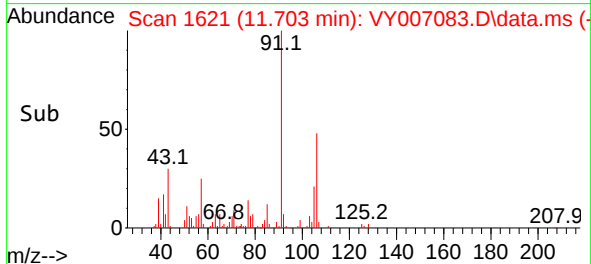
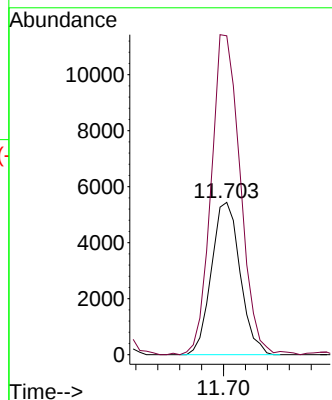
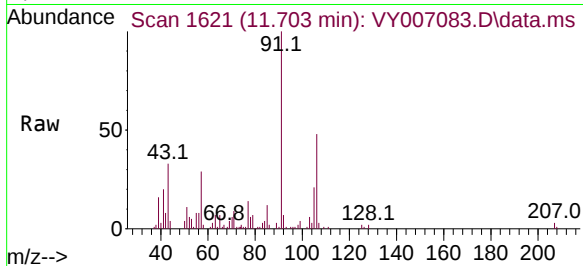




#68
m/p-Xylenes
Concen: 2.959 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.006 min
Lab File: VY007083.D
Acq: 08 Jan 2022 17:04

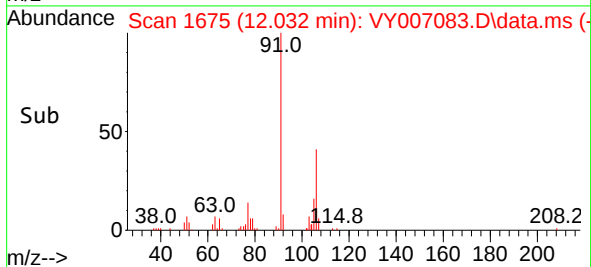
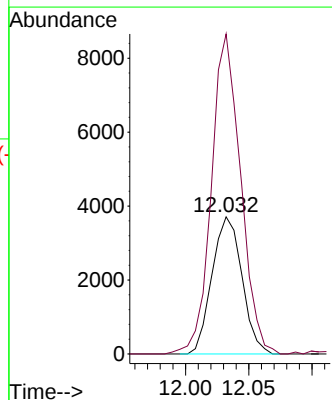
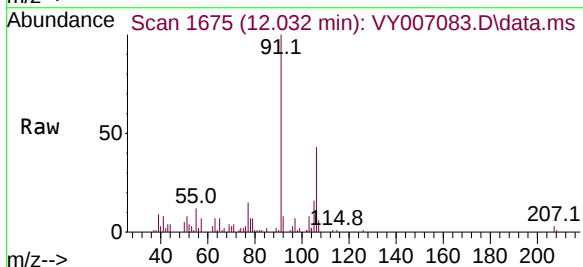
Instrument :
MSVOA_Y
ClientSampleId :
PX-1-010522

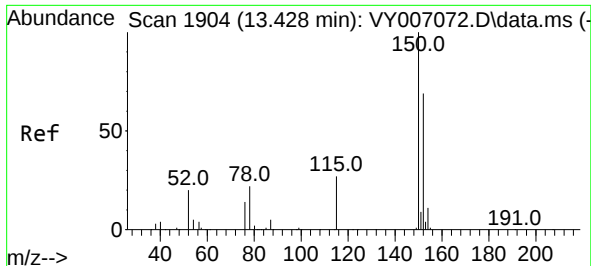
Tgt Ion:106 Resp: 9896
Ion Ratio Lower Upper
106 100
91 213.0 167.1 250.7



#69
o-Xylene
Concen: 1.945 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY007083.D
Acq: 08 Jan 2022 17:04

Tgt Ion:106 Resp: 6093
Ion Ratio Lower Upper
106 100
91 228.2 109.9 329.6

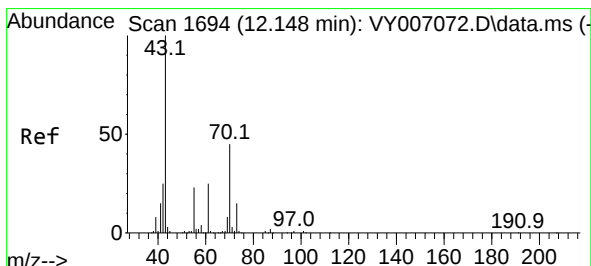
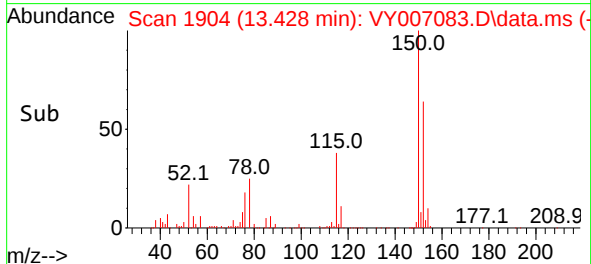
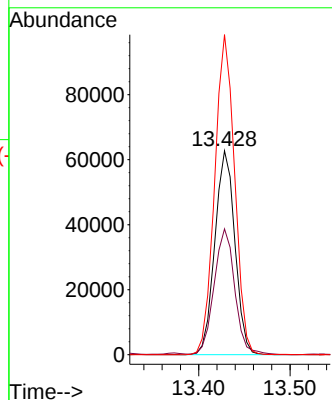
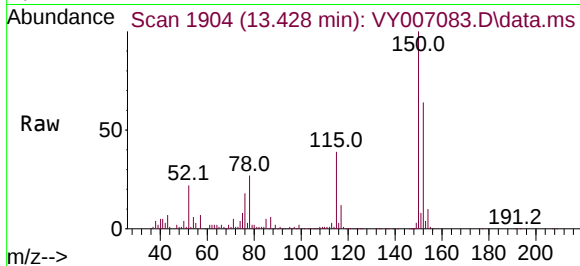




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY007083.D
Acq: 08 Jan 2022 17:04

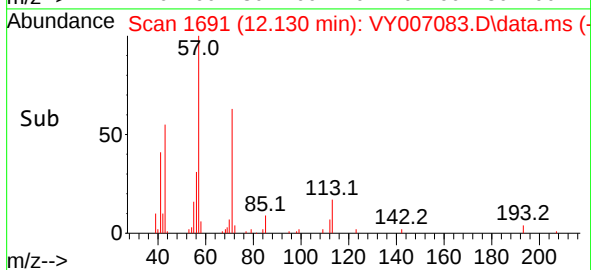
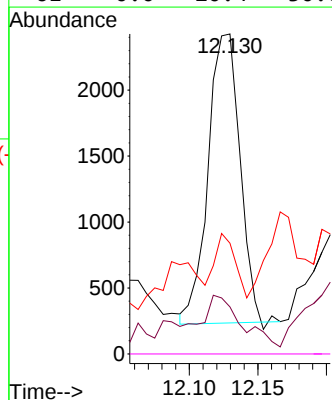
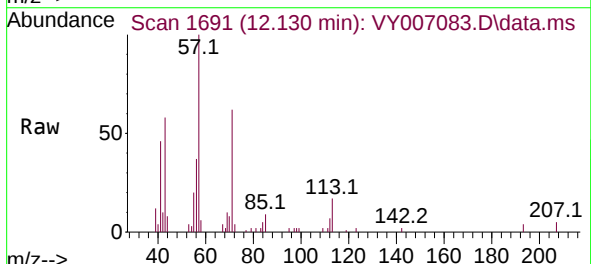
Instrument :
MSVOA_Y
ClientSampleId :
PX-1-010522

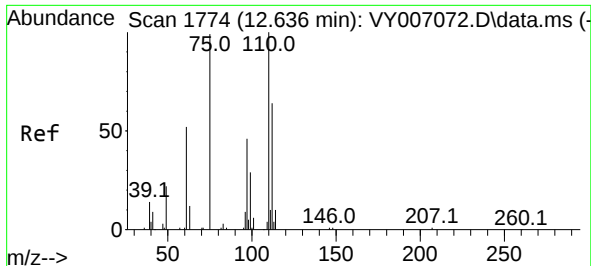
Tgt Ion:152 Resp: 95578
Ion Ratio Lower Upper
152 100
115 63.6 31.4 94.0
150 156.1 0.0 348.4



#74
N-ethyl acetate
Concen: 1.709 ug/l
RT: 12.130 min Scan# 1691
Delta R.T. -0.018 min
Lab File: VY007083.D
Acq: 08 Jan 2022 17:04

Tgt Ion: 43 Resp: 3539
Ion Ratio Lower Upper
43 100
70 19.1 36.2 54.4#
55 13.9 19.0 28.4#
61 0.0 20.4 30.6#

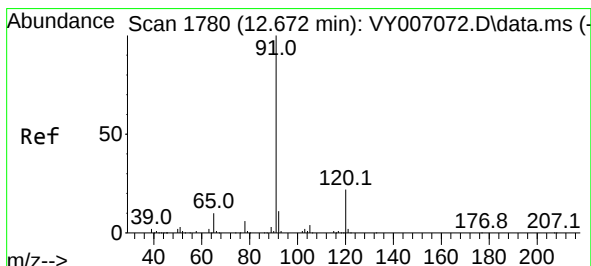
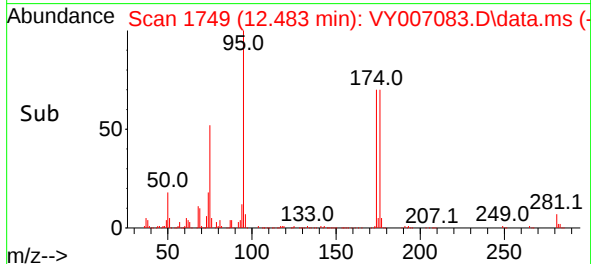
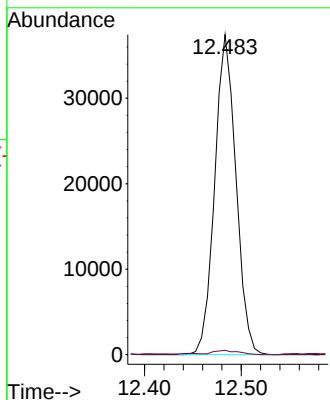
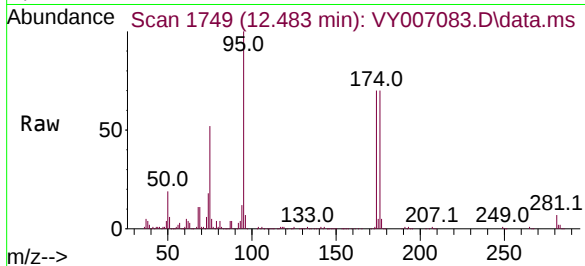




#76
1,2,3-Trichloropropane
Concen: 52.281 ug/l
RT: 12.483 min Scan# 11
Delta R.T. -0.152 min
Lab File: VY007083.D
Acq: 08 Jan 2022 17:04

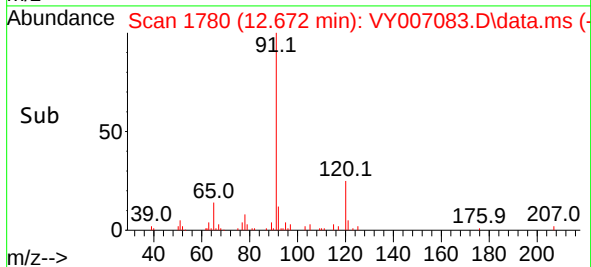
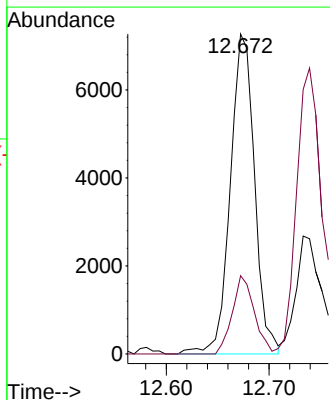
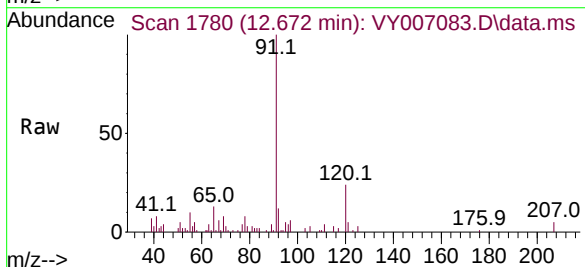
Instrument :
MSVOA_Y
ClientSampleId :
PX-1-010522

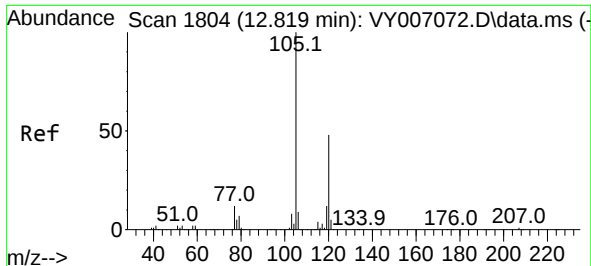
Tgt Ion: 75 Resp: 57029
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#78
n-propylbenzene
Concen: 1.204 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY007083.D
Acq: 08 Jan 2022 17:04

Tgt Ion: 91 Resp: 11961
Ion Ratio Lower Upper
91 100
120 22.1 11.2 33.5

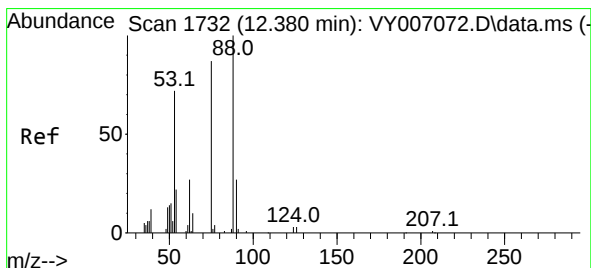
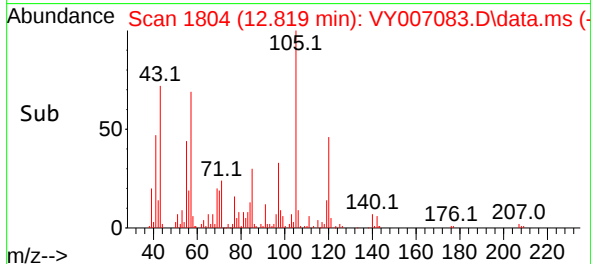
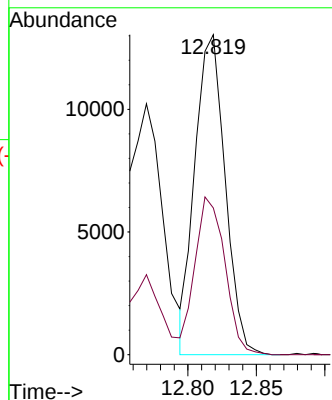
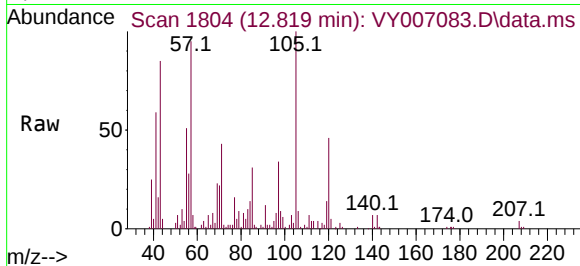




#80
 1,3,5-Trimethylbenzene
 Concen: 2.989 ug/l
 RT: 12.819 min Scan# 1749
 Delta R.T. 0.000 min
 Lab File: VY007083.D
 Acq: 08 Jan 2022 17:04

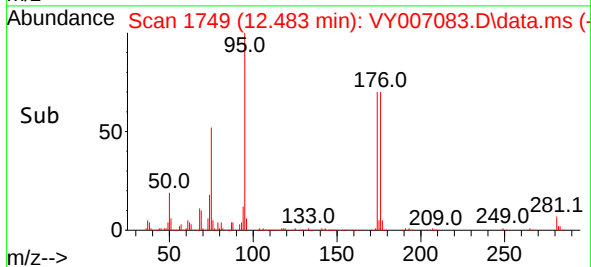
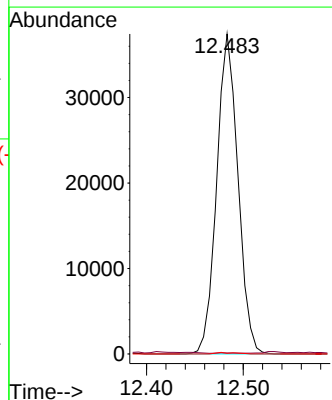
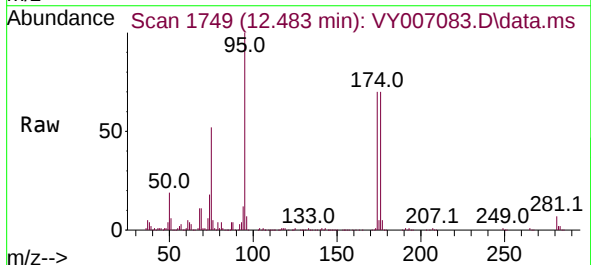
Instrument :
 MSVOA_Y
 ClientSampleId :
 PX-1-010522

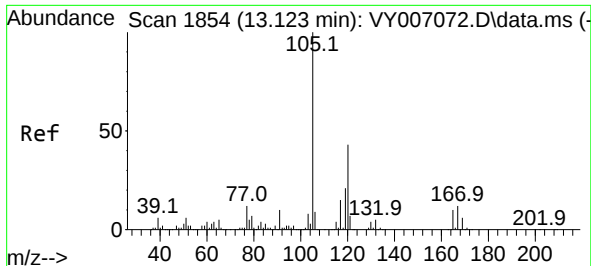
Tgt Ion:105 Resp: 19997
 Ion Ratio Lower Upper
 105 100
 120 48.9 23.7 71.1



#81
 trans-1,4-Dichloro-2-butene
 Concen: 98.197 ug/l
 RT: 12.483 min Scan# 1749
 Delta R.T. 0.104 min
 Lab File: VY007083.D
 Acq: 08 Jan 2022 17:04

Tgt Ion: 75 Resp: 57029
 Ion Ratio Lower Upper
 75 100
 53 0.1 73.9 110.9#
 89 0.4 0.0 0.0#

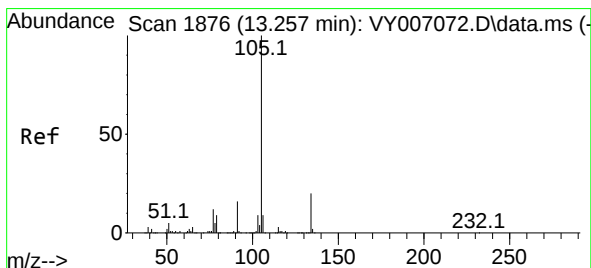
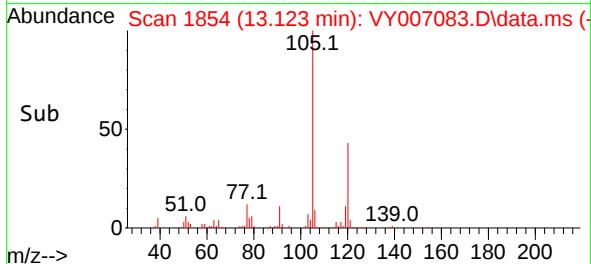
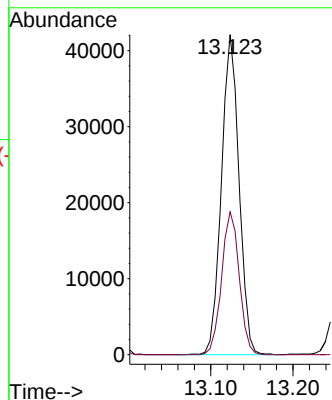
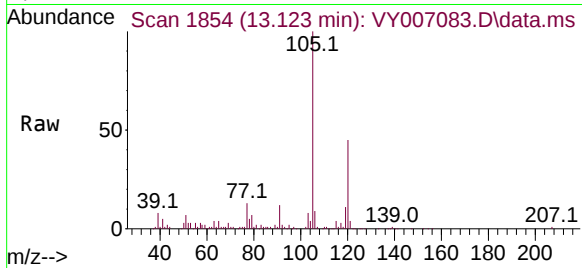




#84
1,2,4-Trimethylbenzene
Concen: 9.528 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY007083.D
Acq: 08 Jan 2022 17:04

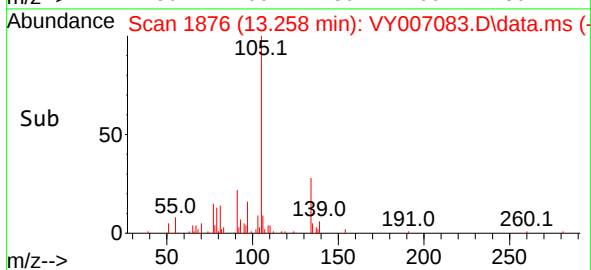
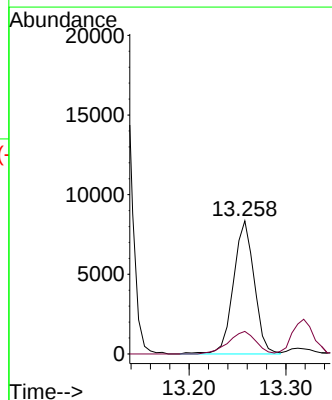
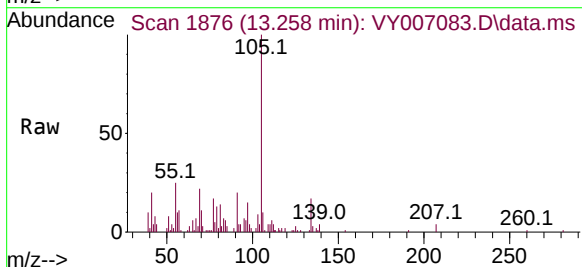
Instrument :
MSVOA_Y
ClientSampleId :
PX-1-010522

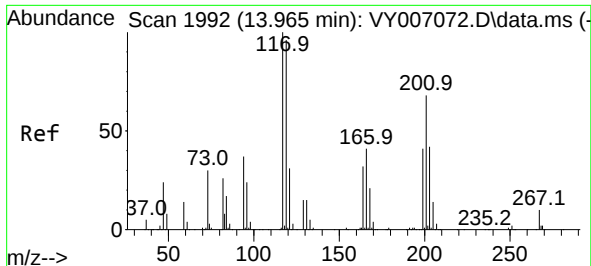
Tgt Ion:105 Resp: 62652
Ion Ratio Lower Upper
105 100
120 44.7 21.6 64.6



#85
sec-Butylbenzene
Concen: 1.459 ug/l
RT: 13.258 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VY007083.D
Acq: 08 Jan 2022 17:04

Tgt Ion:105 Resp: 12527
Ion Ratio Lower Upper
105 100
134 22.3 9.9 29.7

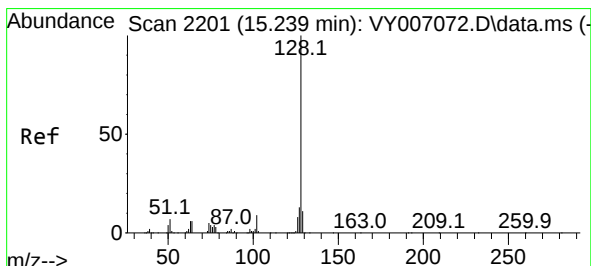
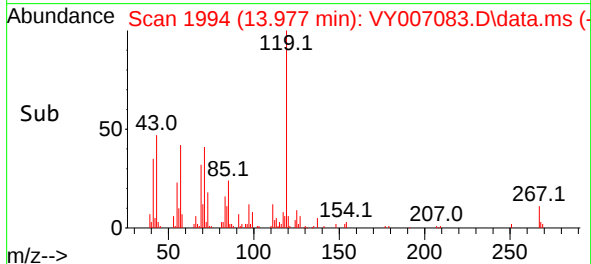
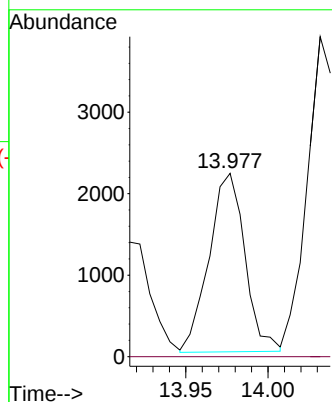
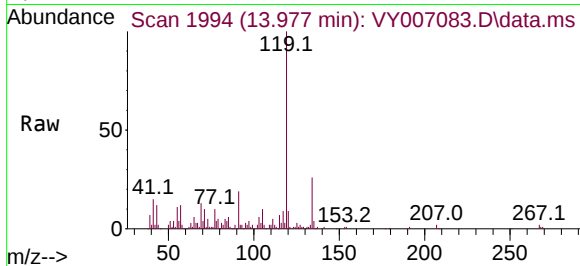




#90
Hexachloroethane
Concen: 2.390 ug/l
RT: 13.977 min Scan# 1994
Delta R.T. 0.012 min
Lab File: VY007083.D
Acq: 08 Jan 2022 17:04

Instrument :
MSVOA_Y
ClientSampleId :
PX-1-010522

Tgt Ion:117 Resp: 3329
Ion Ratio Lower Upper
117 100
201 0.0 33.6 100.6#



#95
Naphthalene
Concen: 16.081 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.000 min
Lab File: VY007083.D
Acq: 08 Jan 2022 17:04

Tgt Ion:128 Resp: 60891
Ion Ratio Lower Upper
128 100
127 14.9 10.3 15.5
129 11.2 8.9 13.3

