

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012022\
 Data File : VY007245.D
 Acq On : 20 Jan 2022 16:50
 Operator : SY/MD
 Sample : N1214-01
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-02-012022RE

Quant Time: Jan 21 00:47:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 14 05:48:29 2022
 Response via : Initial Calibration

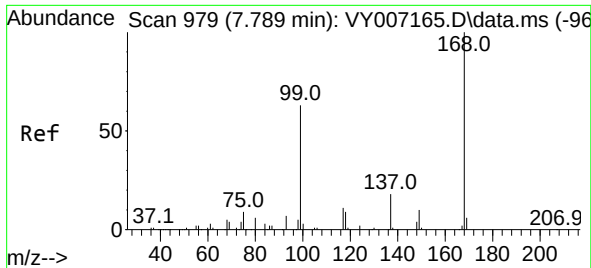
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.795	168	2102	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	3847	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	3741	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	1518	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	1610	62.423	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 124.840%	
35) Dibromofluoromethane	7.722	113	1323	50.859	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.720%	
50) Toluene-d8	10.185	98	4403	46.323	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 92.640%	
62) 4-Bromofluorobenzene	12.483	95	1788	52.883	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 105.760%	
Target Compounds						Qvalue
16) Acetone	3.948	43	127	18.973	ug/l #	45
36) 1,1-Dichloropropene	7.807	75	112	2.696	ug/l #	42
38) Carbon Tetrachloride	7.783	117	108	2.471	ug/l #	12
59) 2-Hexanone	10.953	43	20	1.401	ug/l #	23
66) 1,1,1,2-Tetrachloroethane	11.642	131	50	1.649	ug/l #	8
74) N-amyl acetate	12.135	43	116	3.309	ug/l #	43
76) 1,2,3-Trichloropropane	12.477	75	961	55.520	ug/l #	100
78) n-propylbenzene	12.672	91	372	2.289	ug/l #	53
79) 2-Chlorotoluene	12.745	91	108	1.195	ug/l #	42
80) 1,3,5-Trimethylbenzene	12.818	105	152	1.412	ug/l	84
81) trans-1,4-Dichloro-2-b...	12.477	75	961	101.641	ug/l #	3
82) 4-Chlorotoluene	12.861	91	110	1.167	ug/l #	42
84) 1,2,4-Trimethylbenzene	13.117	105	1074	10.065	ug/l	96
89) n-Butylbenzene	13.702	91	422	3.748	ug/l	79
90) Hexachloroethane	13.946	117	24	1.073	ug/l #	16

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

Quant Time: Jan 21 00:47:01 2022
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Quant Title : SW846 8260
QLast Update : Fri Jan 14 05:48:29 2022
Response via : Initial Calibration

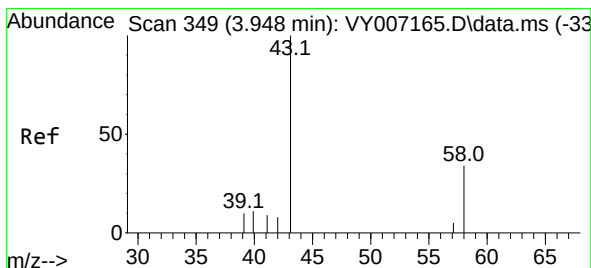
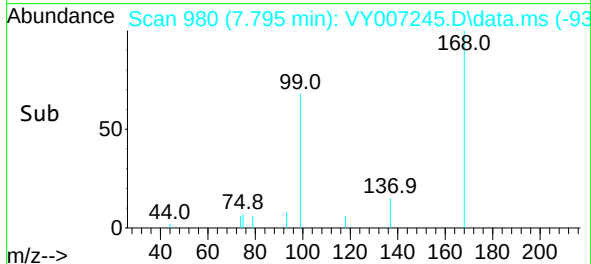
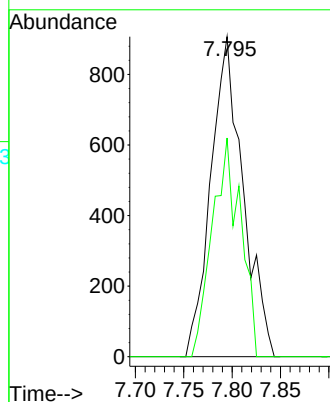
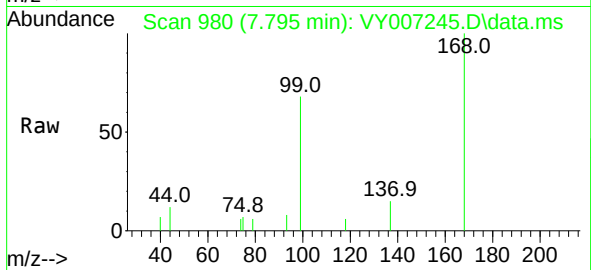




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007245.D
Acq: 20 Jan 2022 16:50

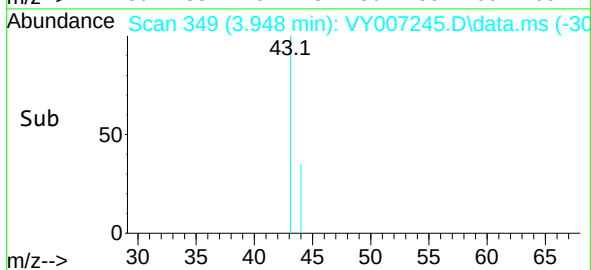
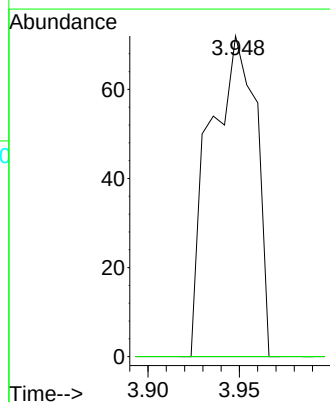
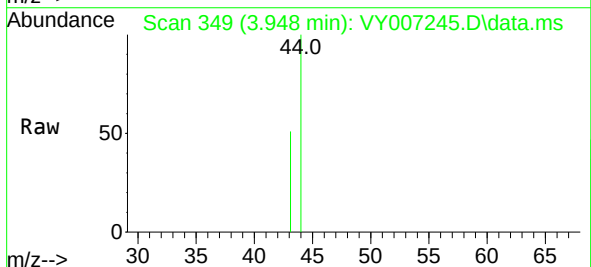
Instrument :
MSVOA_Y
ClientSampleId :
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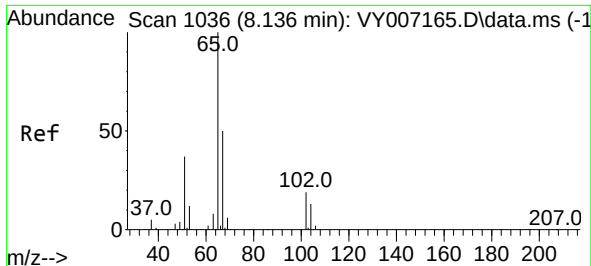
Tgt Ion:168 Resp: 2102
Ion Ratio Lower Upper
168 100
99 68.4 49.1 73.7



#16
Acetone
Concen: 18.973 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY007245.D
Acq: 20 Jan 2022 16:50

Tgt Ion: 43 Resp: 127
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.6#





#33

1,2-Dichloroethane-d4

Concen: 62.423 ug/l

RT: 8.142 min Scan# 110

Delta R.T. 0.000 min

Lab File: VY007245.D

Acq: 20 Jan 2022 16:50

Instrument :

MSVOA_Y

ClientSampleId :

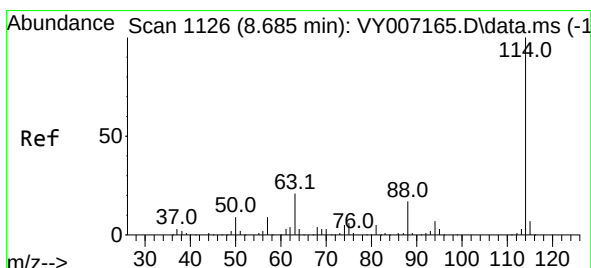
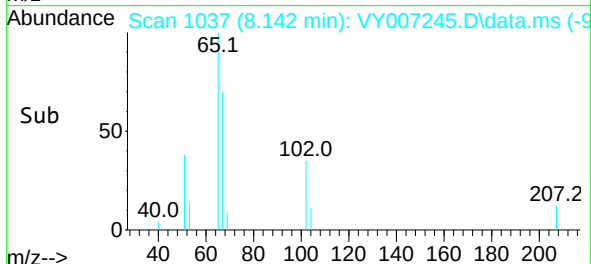
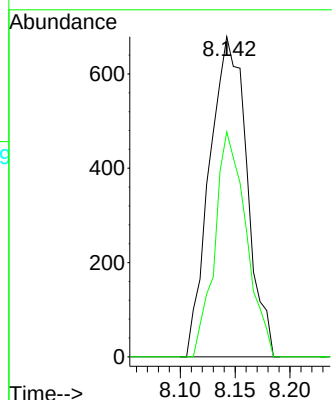
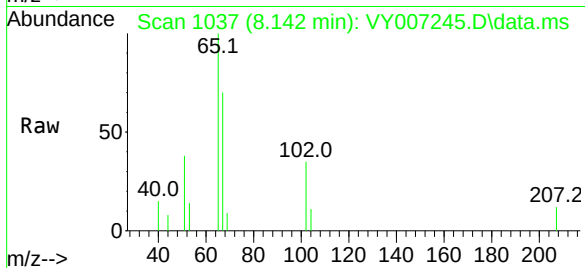
EO-02-012022RE

Tgt Ion: 65 Resp: 1610

Ion Ratio Lower Upper

65 100

67 59.0 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY007245.D

Acq: 20 Jan 2022 16:50

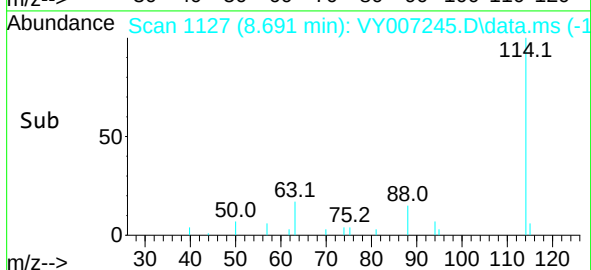
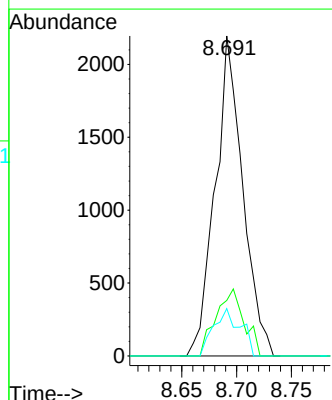
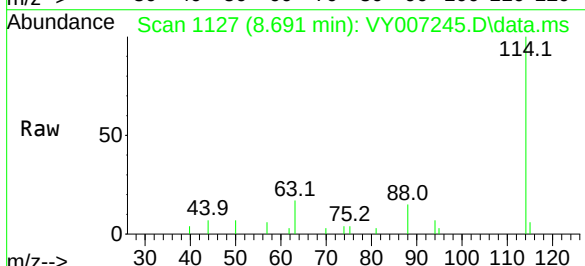
Tgt Ion: 114 Resp: 3847

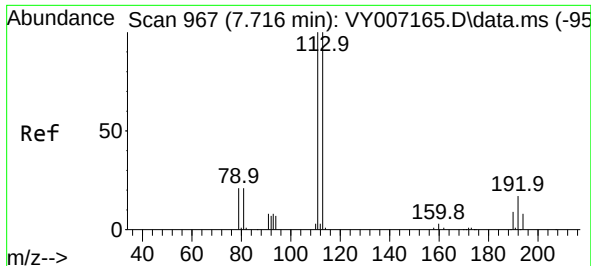
Ion Ratio Lower Upper

114 100

63 17.4 0.0 39.2

88 14.8 0.0 31.0

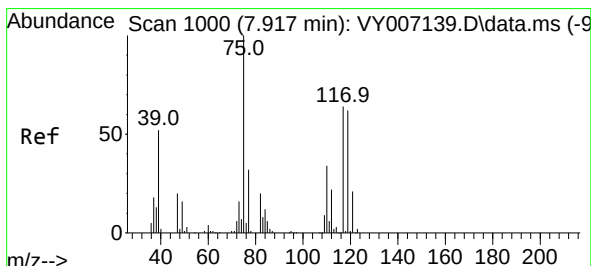
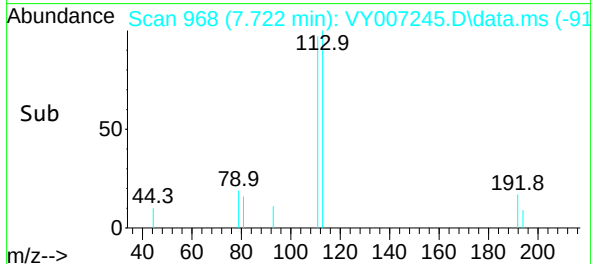
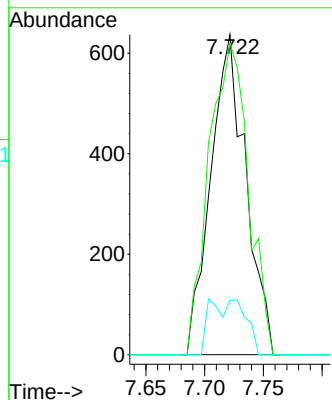
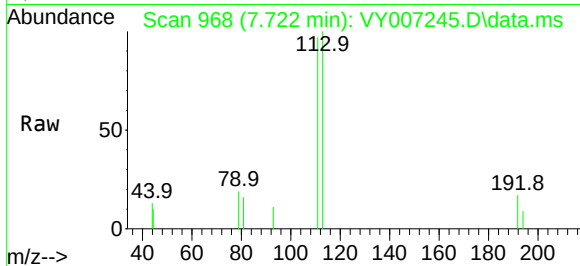




#35
Dibromofluoromethane
Concen: 50.859 ug/l
RT: 7.722 min Scan# 911
Delta R.T. 0.006 min
Lab File: VY007245.D
Acq: 20 Jan 2022 16:50

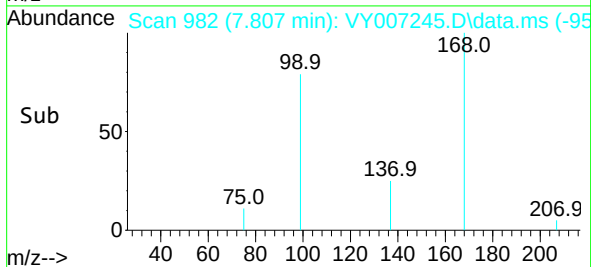
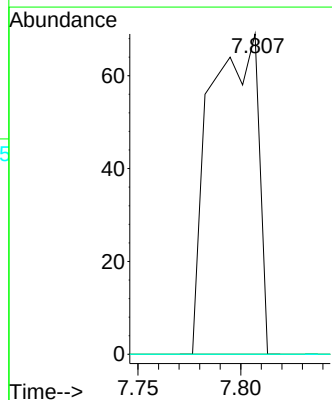
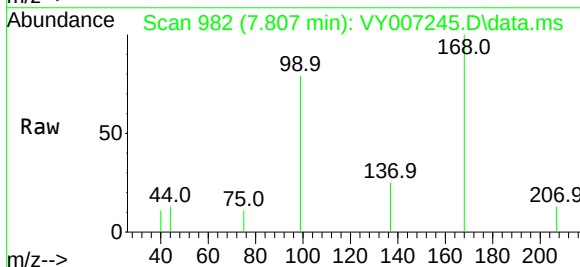
Instrument :
MSVOA_Y
ClientSampleId :
EO-02-012022RE

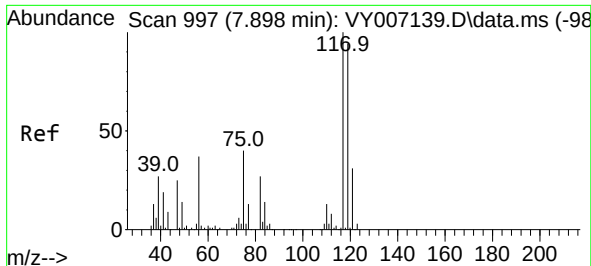
Tgt Ion:113 Resp: 1323
Ion Ratio Lower Upper
113 100
111 109.4 82.2 123.4
192 7.9 14.2 21.4#



#36
1,1-Dichloropropene
Concen: 2.696 ug/l
RT: 7.807 min Scan# 982
Delta R.T. -0.110 min
Lab File: VY007245.D
Acq: 20 Jan 2022 16:50

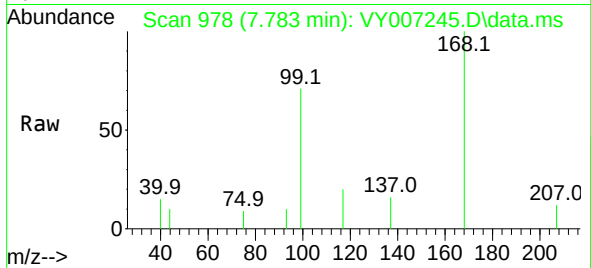
Tgt Ion: 75 Resp: 112
Ion Ratio Lower Upper
75 100
110 0.0 17.3 51.9#
77 0.0 24.7 37.1#



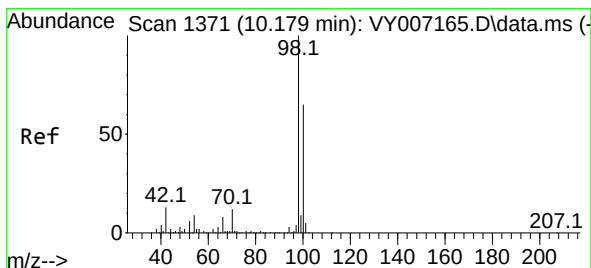
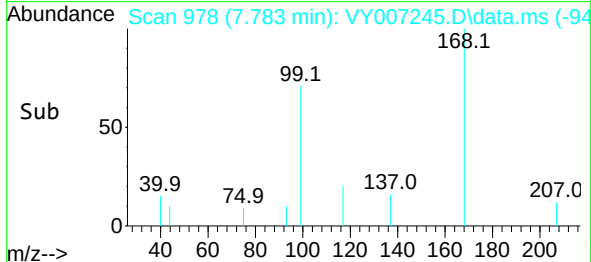
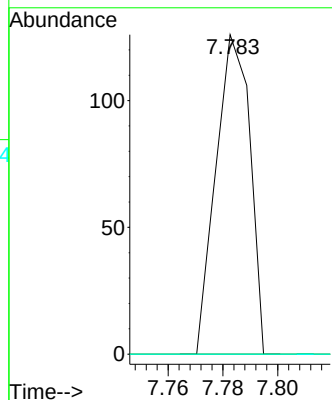


#38
Carbon Tetrachloride
Concen: 2.471 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY007245.D
Acq: 20 Jan 2022 16:50

Instrument :
MSVOA_Y
ClientSampleId :
EO-02-012022RE

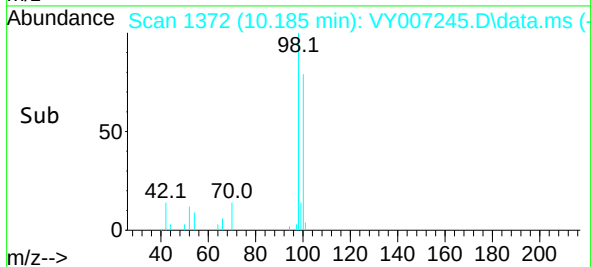
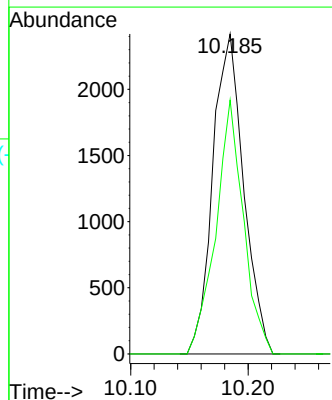
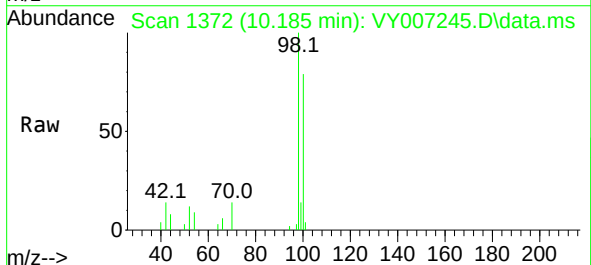


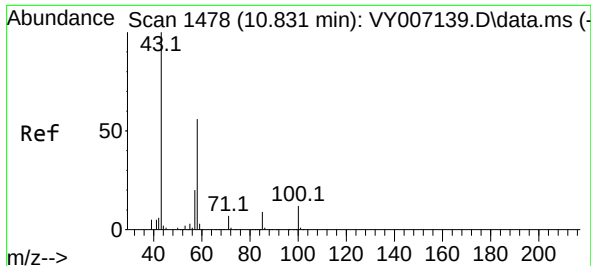
Tgt Ion:117 Resp: 108
Ion Ratio Lower Upper
117 100
119 0.0 77.2 115.8#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 46.323 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY007245.D
Acq: 20 Jan 2022 16:50

Tgt Ion: 98 Resp: 4403
Ion Ratio Lower Upper
98 100
100 71.4 52.2 78.2

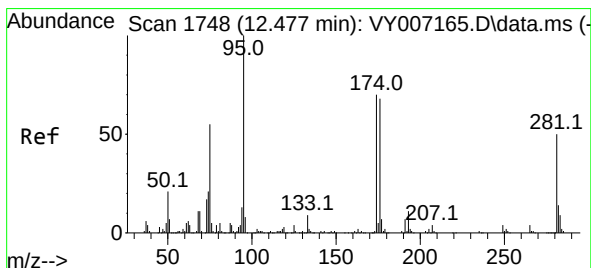
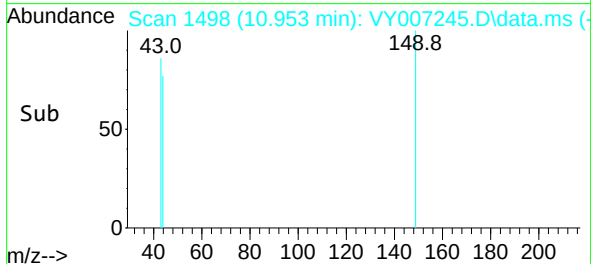
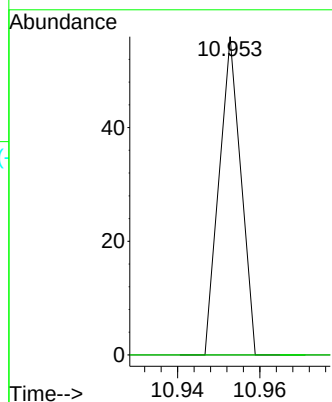
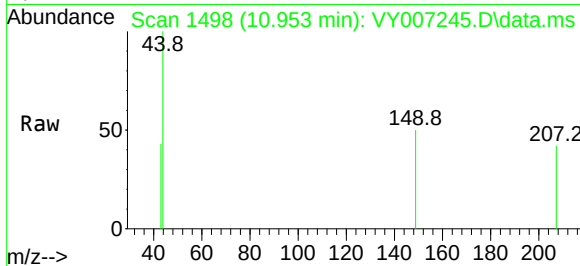




#59
2-Hexanone
Concen: 1.401 ug/l
RT: 10.953 min Scan# 1478
Delta R.T. 0.122 min
Lab File: VY007245.D
Acq: 20 Jan 2022 16:50

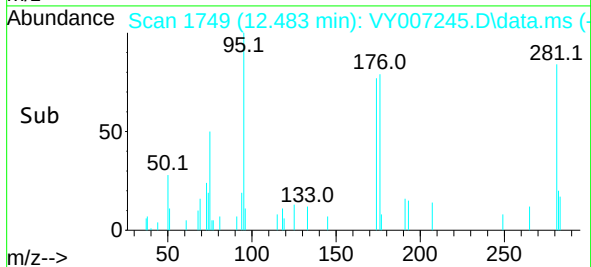
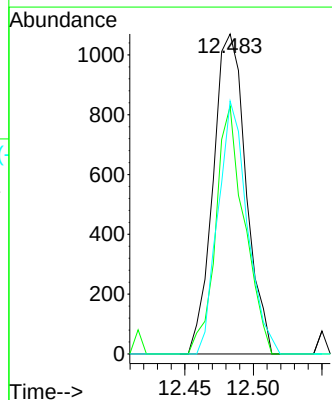
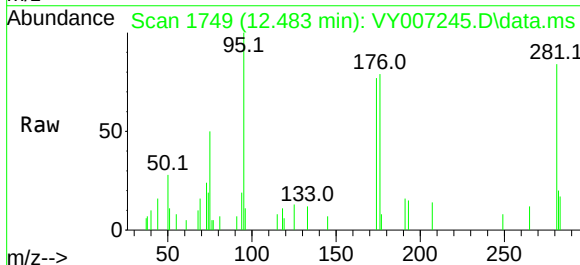
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EO-02-012022RE

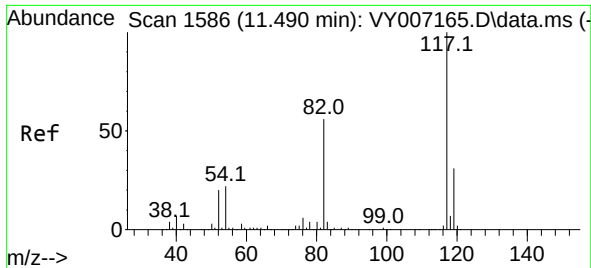
Tgt Ion: 43 Resp: 20
Ion Ratio Lower Upper
43 100
58 0.0 28.4 85.3#



#62
4-Bromofluorobenzene
Concen: 52.883 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007245.D
Acq: 20 Jan 2022 16:50

Tgt Ion: 95 Resp: 1788
Ion Ratio Lower Upper
95 100
174 67.4 0.0 148.4
176 70.2 0.0 146.6

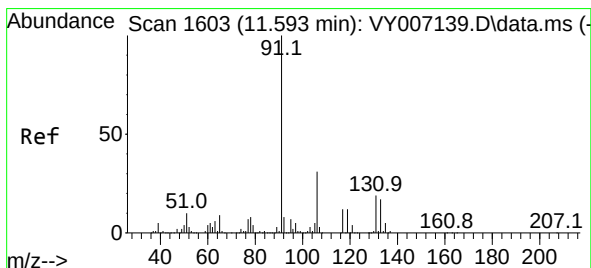
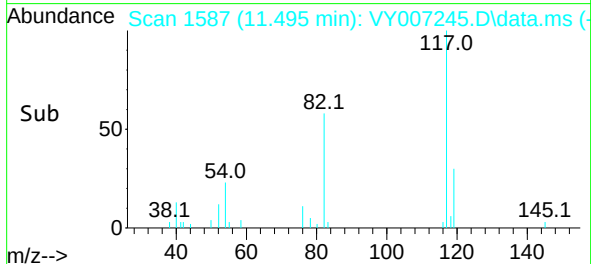
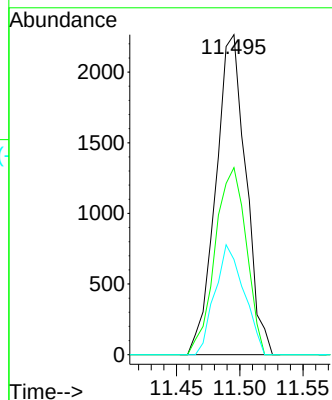
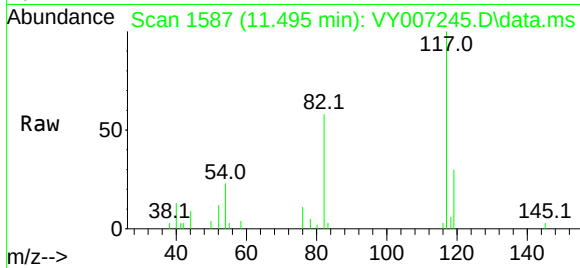




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY007245.D
Acq: 20 Jan 2022 16:50

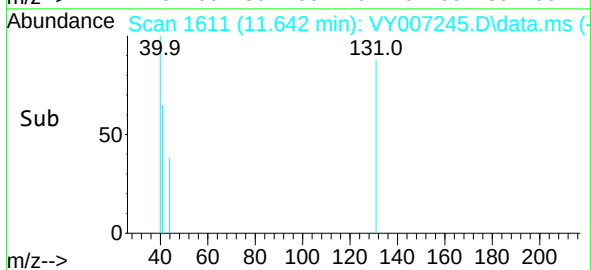
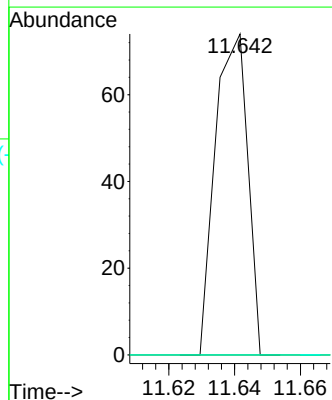
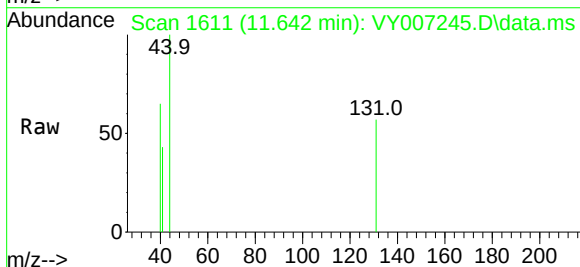
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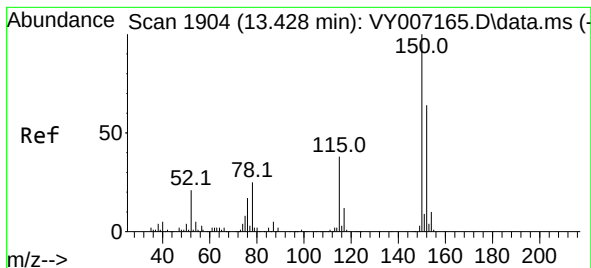
Tgt Ion:117 Resp: 3741
Ion Ratio Lower Upper
117 100
82 58.5 45.4 68.0
119 29.8 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 1.649 ug/l
RT: 11.642 min Scan# 1611
Delta R.T. 0.049 min
Lab File: VY007245.D
Acq: 20 Jan 2022 16:50

Tgt Ion:131 Resp: 50
Ion Ratio Lower Upper
131 100
133 0.0 47.5 142.5#
119 0.0 32.6 97.7#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY007245.D

Acq: 20 Jan 2022 16:50

Instrument :

MSVOA_Y

ClientSampleId :

EO-02-012022RE

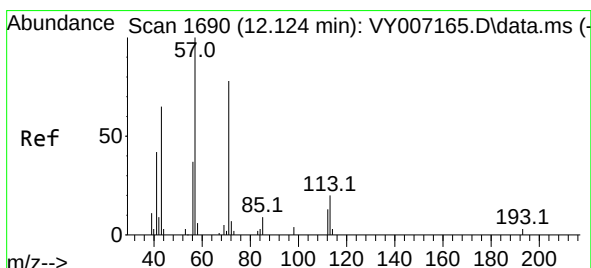
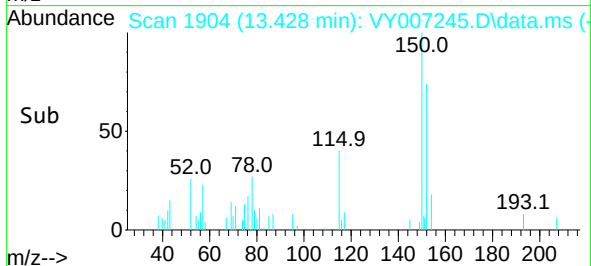
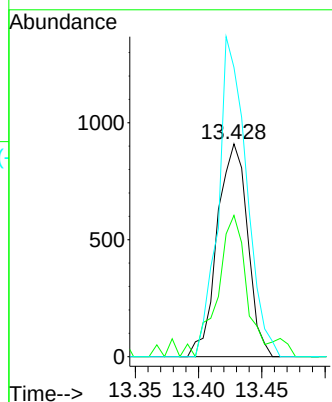
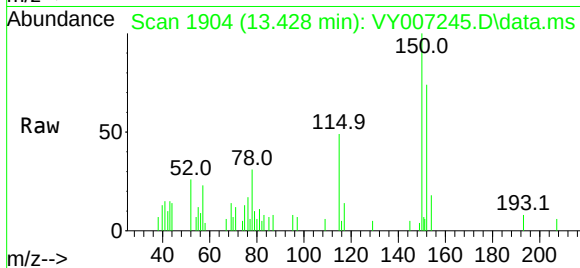
Tgt Ion:152 Resp: 1518

Ion Ratio Lower Upper

152 100

115 67.2 31.4 94.0

150 139.7 0.0 348.4



#74

N-ethyl acetate

Concen: 3.309 ug/l

RT: 12.135 min Scan# 1692

Delta R.T. -0.006 min

Lab File: VY007245.D

Acq: 20 Jan 2022 16:50

Tgt Ion: 43 Resp: 116

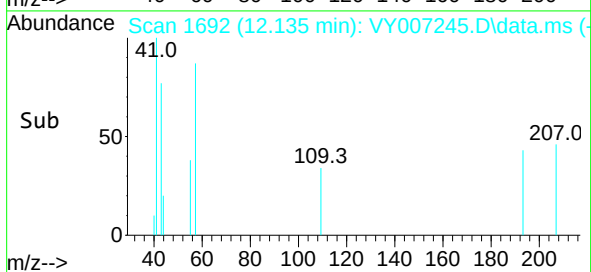
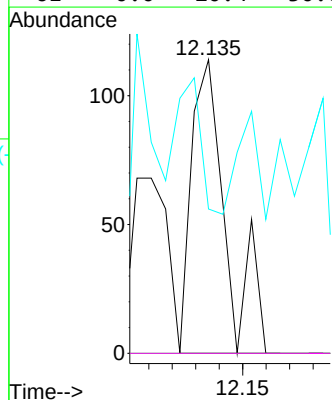
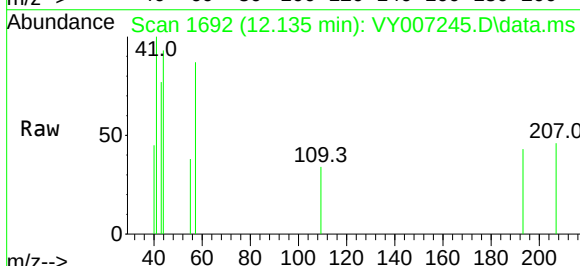
Ion Ratio Lower Upper

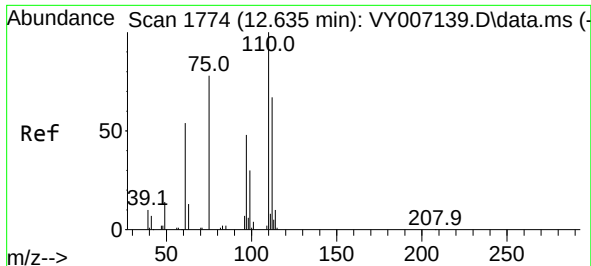
43 100

70 0.0 36.2 54.4#

55 44.0 19.0 28.4#

61 0.0 20.4 30.6#

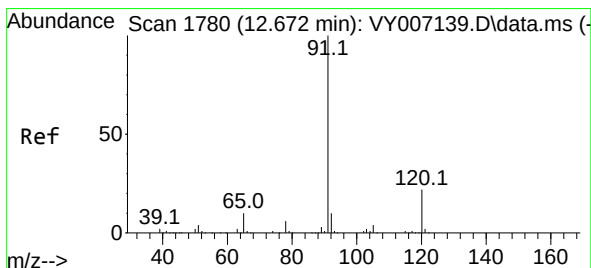
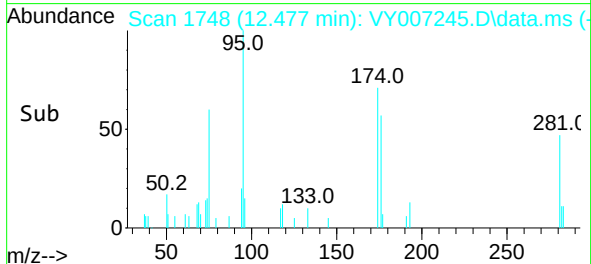
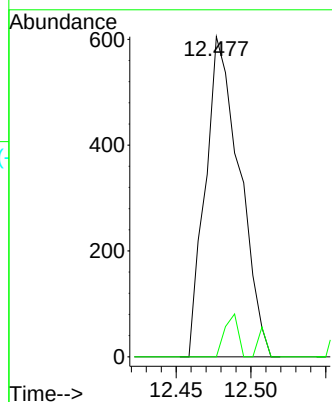
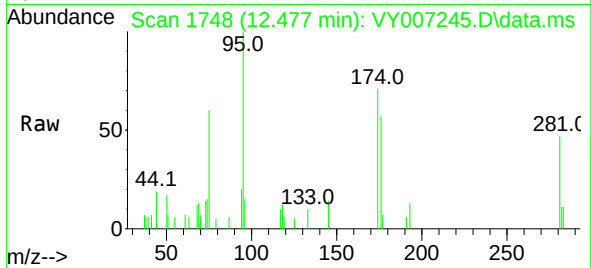




#76
1,2,3-Trichloropropane
Concen: 55.520 ug/l
RT: 12.477 min Scan# 1774
Delta R.T. -0.158 min
Lab File: VY007245.D
Acq: 20 Jan 2022 16:50

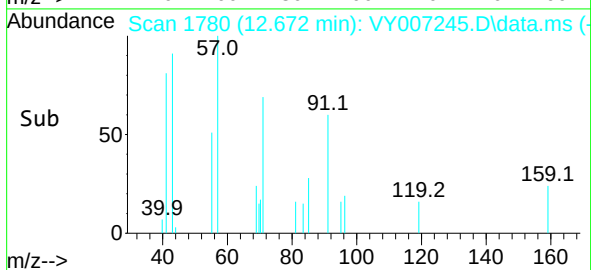
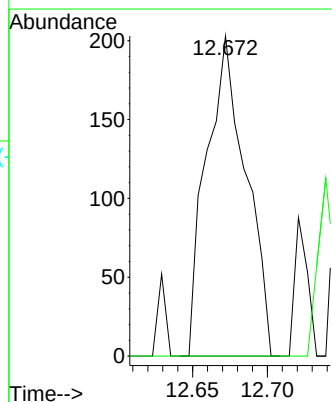
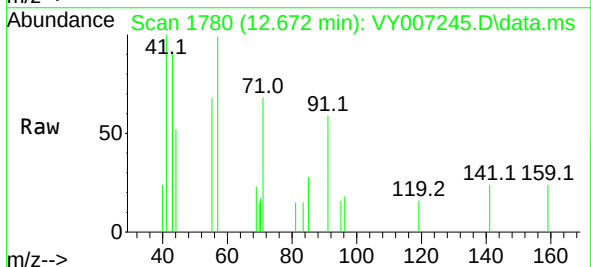
Instrument :
MSVOA_Y
ClientSampleId :
EO-02-012022RE

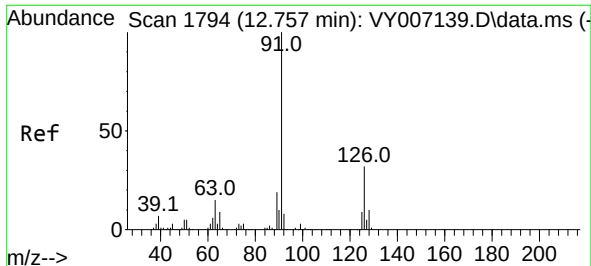
Tgt Ion: 75 Resp: 961
Ion Ratio Lower Upper
75 100
77 5.2 0.0 0.0#



#78
n-propylbenzene
Concen: 2.289 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY007245.D
Acq: 20 Jan 2022 16:50

Tgt Ion: 91 Resp: 372
Ion Ratio Lower Upper
91 100
120 0.0 11.2 33.5#

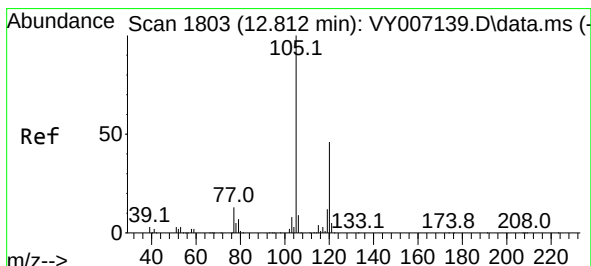
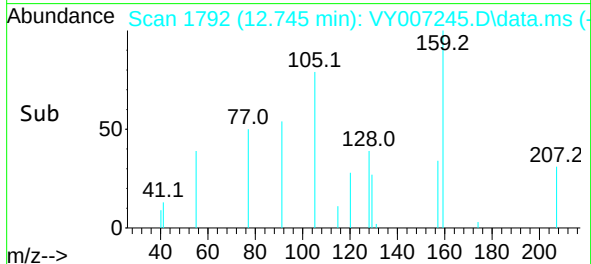
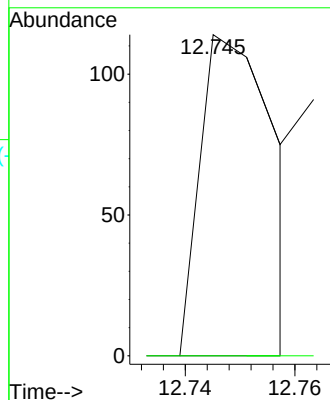
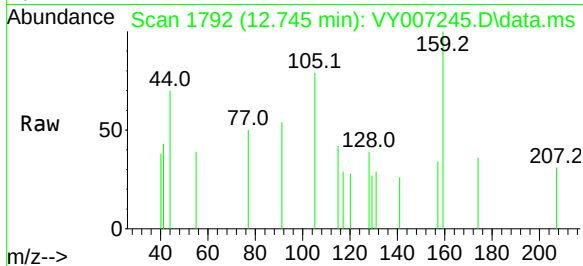




#79
2-Chlorotoluene
Concen: 1.195 ug/l
RT: 12.745 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY007245.D
Acq: 20 Jan 2022 16:50

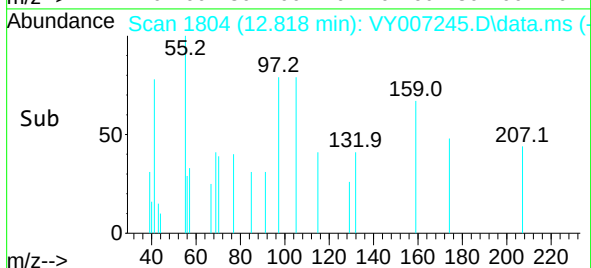
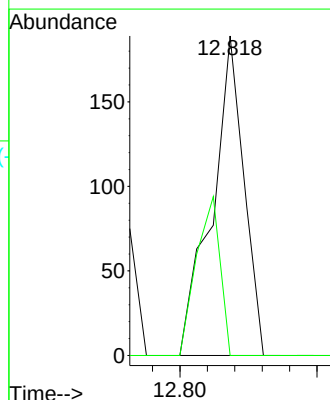
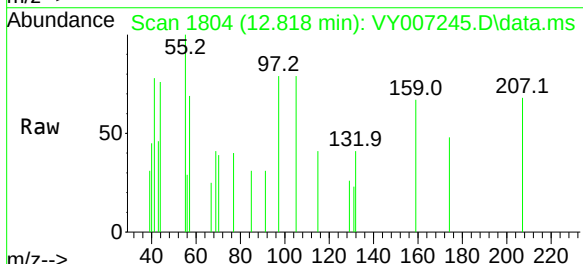
Instrument :
MSVOA_Y
ClientSampleId :
EO-02-012022RE

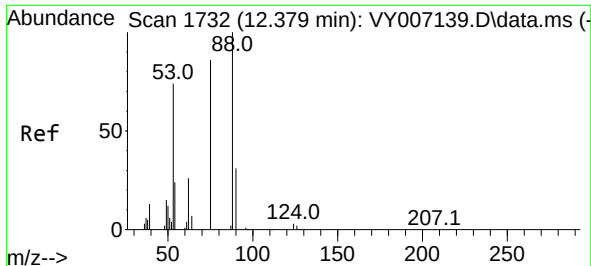
Tgt Ion: 91 Resp: 108
Ion Ratio Lower Upper
91 100
126 0.0 16.4 49.1#



#80
1,3,5-Trimethylbenzene
Concen: 1.412 ug/l
RT: 12.818 min Scan# 1804
Delta R.T. 0.006 min
Lab File: VY007245.D
Acq: 20 Jan 2022 16:50

Tgt Ion: 105 Resp: 152
Ion Ratio Lower Upper
105 100
120 36.8 23.7 71.1

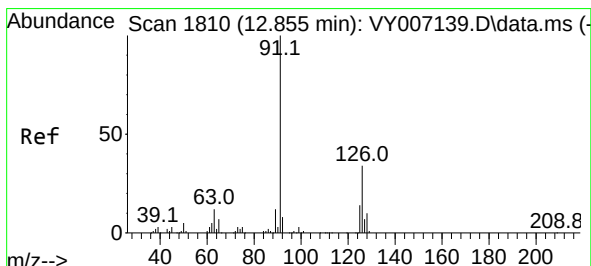
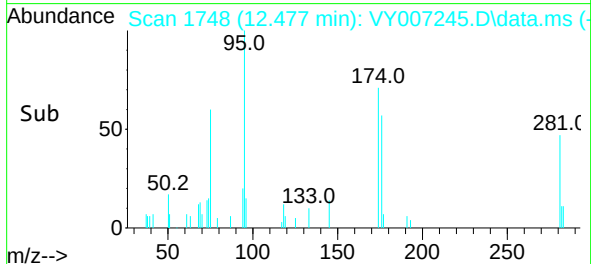
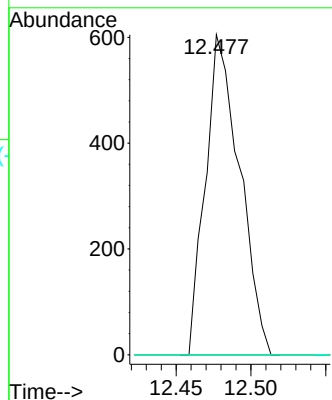
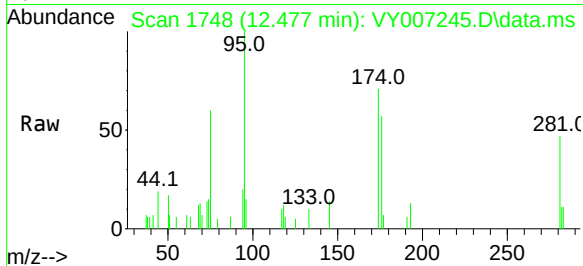




#81
trans-1,4-Dichloro-2-butene
Concen: 101.641 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.098 min
Lab File: VY007245.D
Acq: 20 Jan 2022 16:50

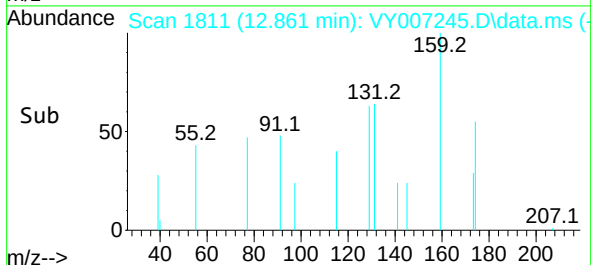
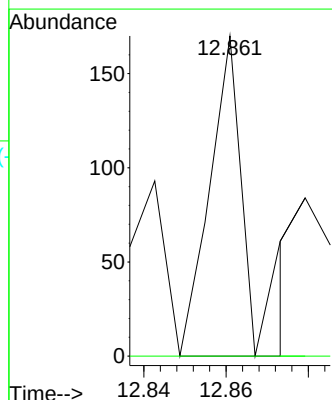
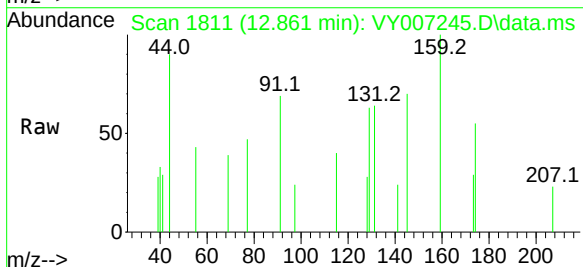
Instrument :
MSVOA_Y
ClientSampleId :
EO-02-012022RE

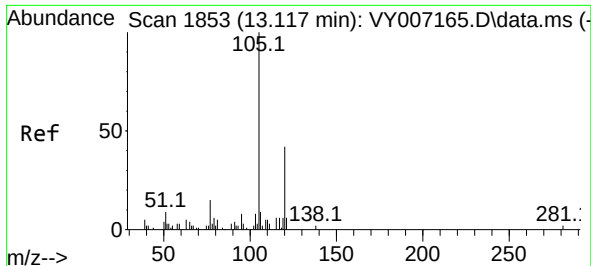
Tgt Ion: 75 Resp: 961
Ion Ratio Lower Upper
75 100
53 0.0 73.9 110.9#
89 0.0 0.0 0.0



#82
4-Chlorotoluene
Concen: 1.167 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.006 min
Lab File: VY007245.D
Acq: 20 Jan 2022 16:50

Tgt Ion: 91 Resp: 110
Ion Ratio Lower Upper
91 100
126 0.0 16.3 48.9#





#84

1,2,4-Trimethylbenzene

Concen: 10.065 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.006 min

Lab File: VY007245.D

Acq: 20 Jan 2022 16:50

Instrument :

MSVOA_Y

ClientSampleId :

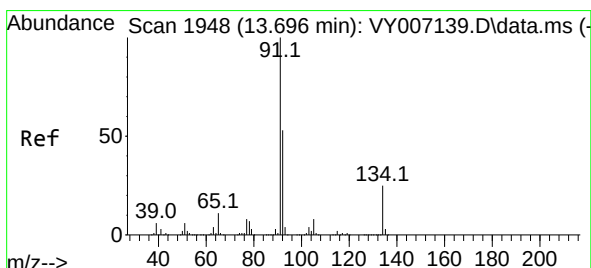
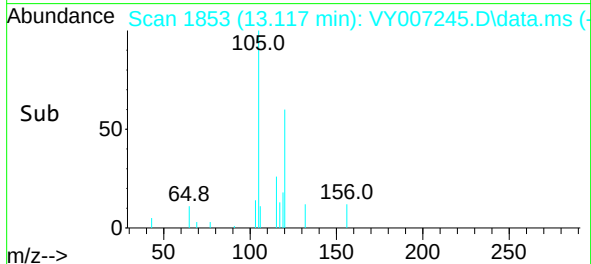
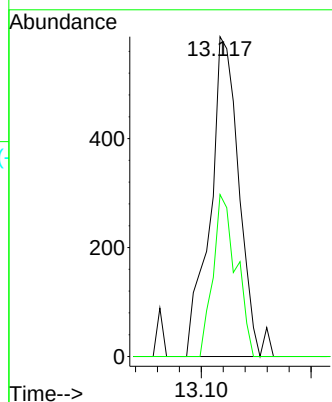
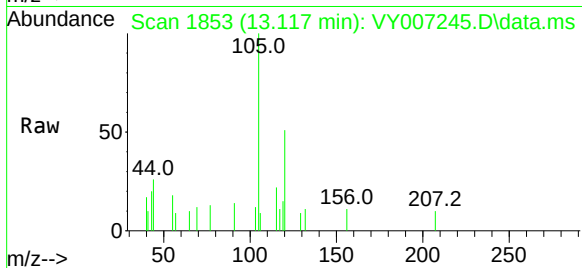
EO-02-012022RE

Tgt Ion:105 Resp: 1074

Ion Ratio Lower Upper

105 100

120 40.5 21.6 64.6



#89

n-Butylbenzene

Concen: 3.748 ug/l

RT: 13.702 min Scan# 1949

Delta R.T. 0.006 min

Lab File: VY007245.D

Acq: 20 Jan 2022 16:50

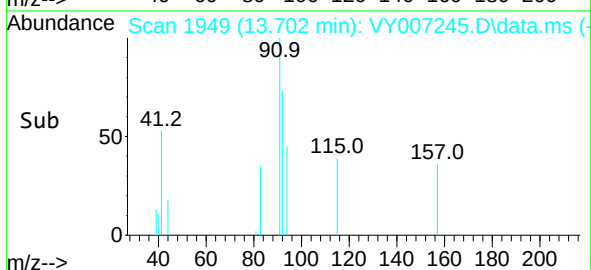
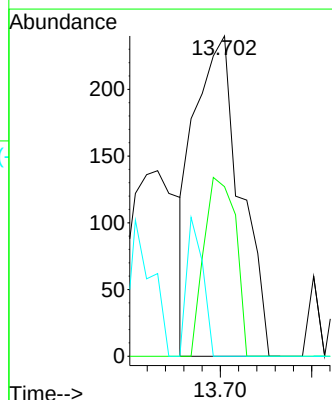
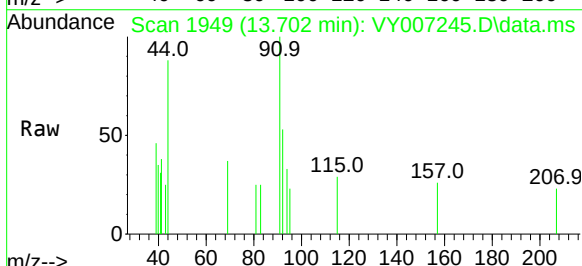
Tgt Ion: 91 Resp: 422

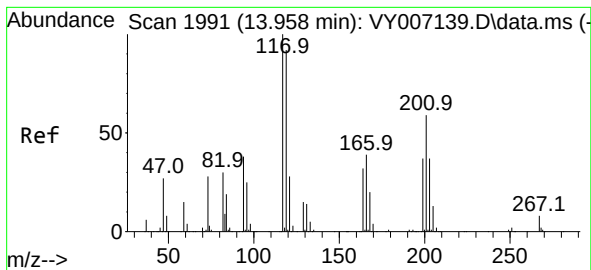
Ion Ratio Lower Upper

91 100

92 38.2 26.9 80.6

134 15.2 12.6 37.6





#90
Hexachloroethane
Concen: 1.073 ug/l
RT: 13.946 min Scan# 1989
Delta R.T. -0.012 min
Lab File: VY007245.D
Acq: 20 Jan 2022 16:50

Instrument :
MSVOA_Y
ClientSampleId :
EO-02-012022RE

Tgt Ion:117 Resp: 24
Ion Ratio Lower Upper
117 100
201 0.0 33.6 100.6#

