

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011722\
 Data File : VY007196.D
 Acq On : 17 Jan 2022 19:11
 Operator : SY/MD
 Sample : N1166-01
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-01-011422

Quant Time: Jan 18 03:11:10 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)

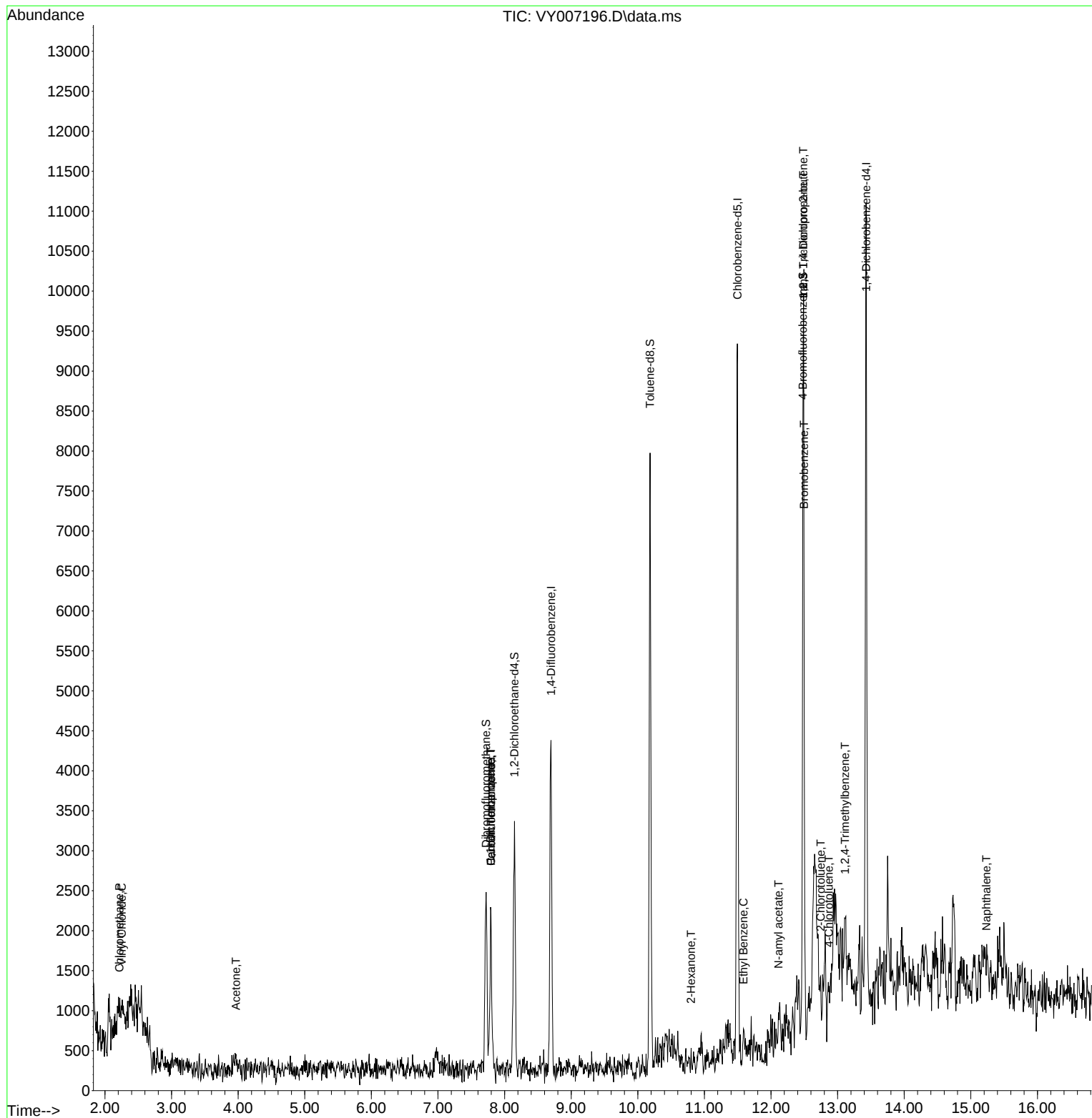
Internal Standards						
1) Pentafluorobenzene	7.795	168	1777	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	4318	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	5042	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	2179	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	2474	113.465	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 226.940%#	
35) Dibromofluoromethane	7.722	113	1755	60.107	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 120.220%	
50) Toluene-d8	10.185	98	5202	48.760	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 97.520%	
62) 4-Bromofluorobenzene	12.477	95	2749	72.437	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 144.880%#	
Target Compounds						Qvalue
3) Chloromethane	2.216	50	19	1.454	ug/l #	41
4) Vinyl Chloride	2.253	62	41	2.156	ug/l #	42
16) Acetone	3.966	43	387	68.390	ug/l #	45
36) 1,1-Dichloropropene	7.789	75	128	2.745	ug/l #	42
38) Carbon Tetrachloride	7.795	117	50	1.019	ug/l #	12
59) 2-Hexanone	10.800	43	19	1.186	ug/l #	23
67) Ethyl Benzene	11.587	91	266	1.284	ug/l #	45
74) N-amyl acetate	12.111	43	222	4.411	ug/l #	9
76) 1,2,3-Trichloropropane	12.483	75	1389	55.904	ug/l #	100
77) Bromobenzene	12.495	156	148	3.614	ug/l #	1
79) 2-Chlorotoluene	12.745	91	195	1.503	ug/l #	42
81) trans-1,4-Dichloro-2-b...	12.483	75	1389	102.344	ug/l #	3
82) 4-Chlorotoluene	12.867	91	195	1.441	ug/l #	42
84) 1,2,4-Trimethylbenzene	13.111	105	248	1.619	ug/l #	33
95) Naphthalene	15.232	128	266	2.888	ug/l #	69

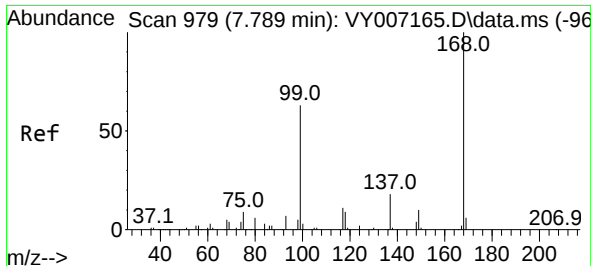
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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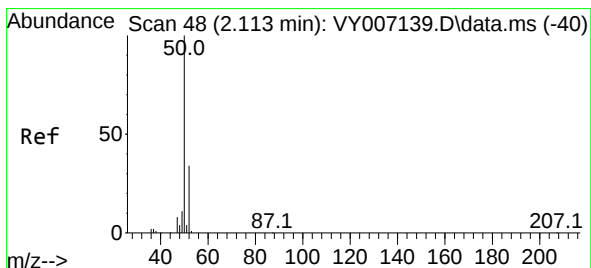
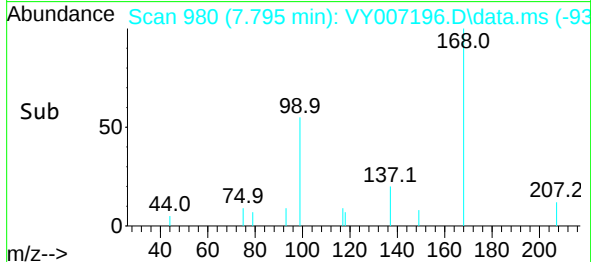
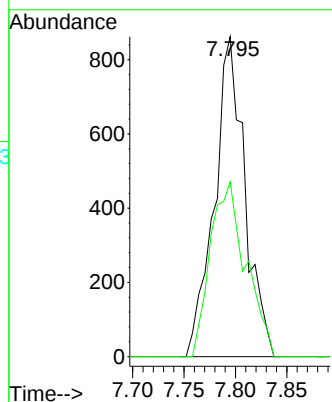
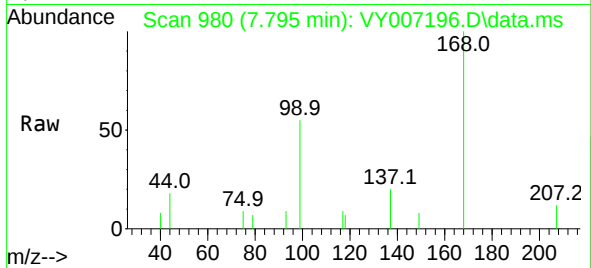




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007196.D
Acq: 17 Jan 2022 19:11

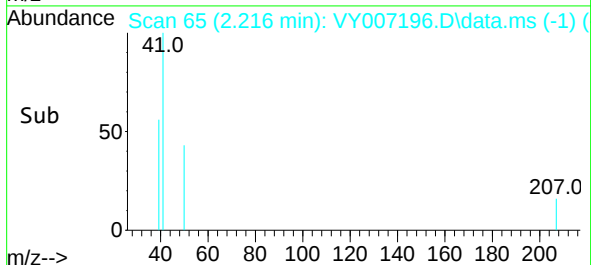
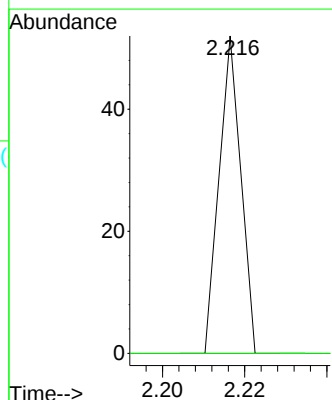
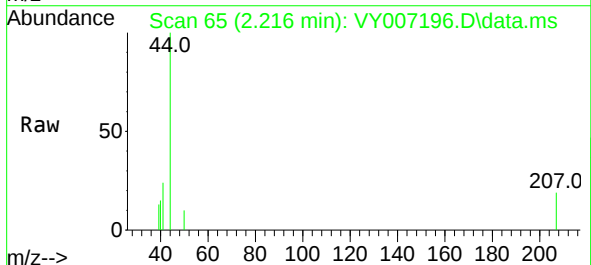
Instrument :
MSVOA_Y
ClientSampleId :
SU-01-011422

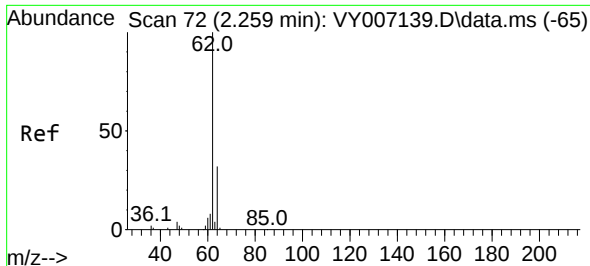
Tgt Ion:168 Resp: 1777
Ion Ratio Lower Upper
168 100
99 54.6 49.1 73.7



#3
Chloromethane
Concen: 1.454 ug/l
RT: 2.216 min Scan# 65
Delta R.T. 0.104 min
Lab File: VY007196.D
Acq: 17 Jan 2022 19:11

Tgt Ion: 50 Resp: 19
Ion Ratio Lower Upper
50 100
52 0.0 27.1 40.7#

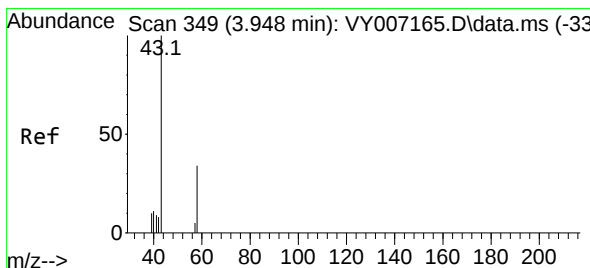
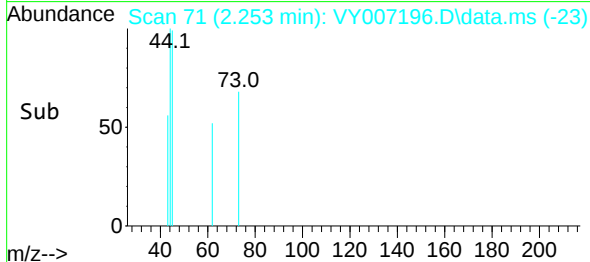
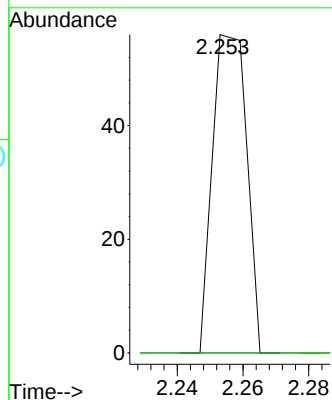
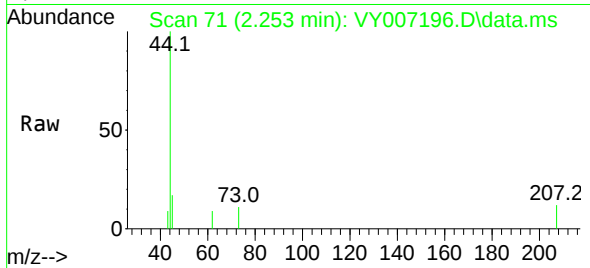




#4
 Vinyl Chloride
 Concen: 2.156 ug/l
 RT: 2.253 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: VY007196.D
 Acq: 17 Jan 2022 19:11

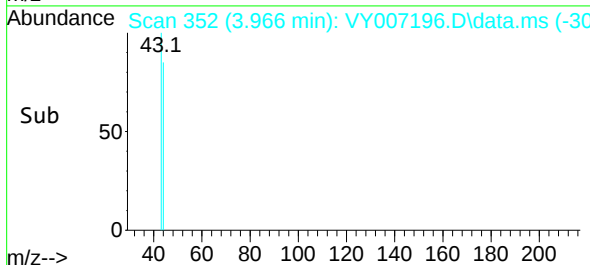
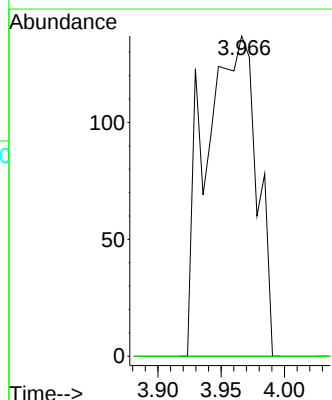
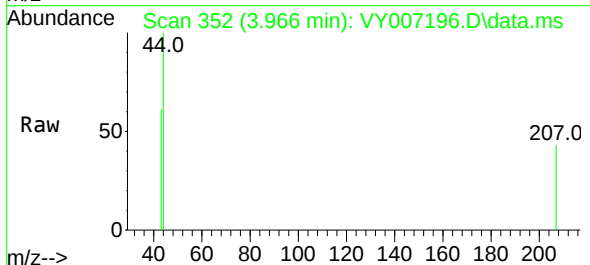
Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-01-011422

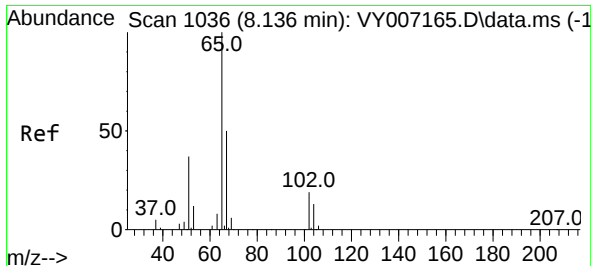
Tgt Ion: 62 Resp: 41
 Ion Ratio Lower Upper
 62 100
 64 0.0 26.1 39.1#



#16
 Acetone
 Concen: 68.390 ug/l
 RT: 3.966 min Scan# 352
 Delta R.T. 0.018 min
 Lab File: VY007196.D
 Acq: 17 Jan 2022 19:11

Tgt Ion: 43 Resp: 387
 Ion Ratio Lower Upper
 43 100
 58 0.0 23.8 35.6#





#33

1,2-Dichloroethane-d4

Concen: 113.465 ug/l

RT: 8.148 min Scan# 110

Delta R.T. 0.006 min

Lab File: VY007196.D

Acq: 17 Jan 2022 19:11

Instrument :

MSVOA_Y

ClientSampleId :

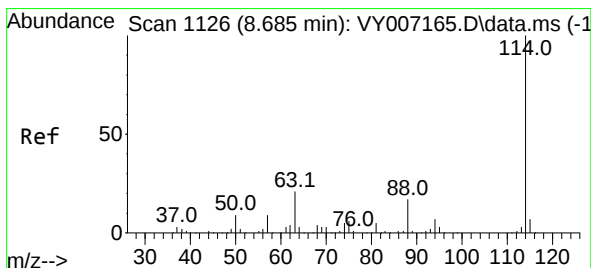
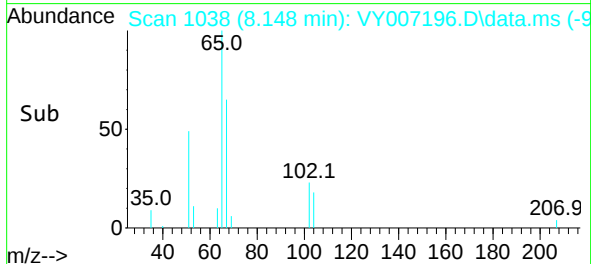
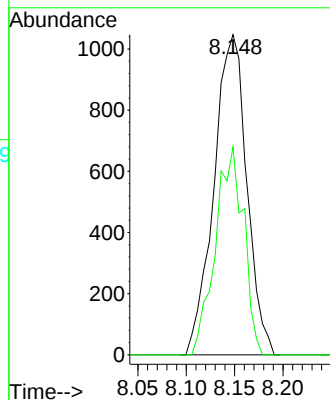
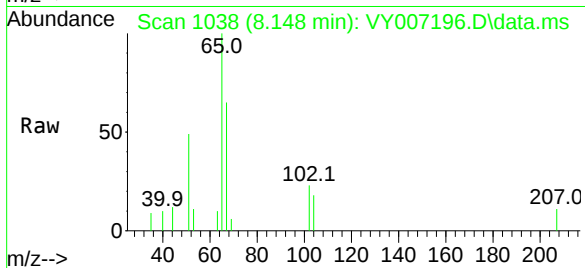
SU-01-011422

Tgt Ion: 65 Resp: 2474

Ion Ratio Lower Upper

65 100

67 55.6 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VY007196.D

Acq: 17 Jan 2022 19:11

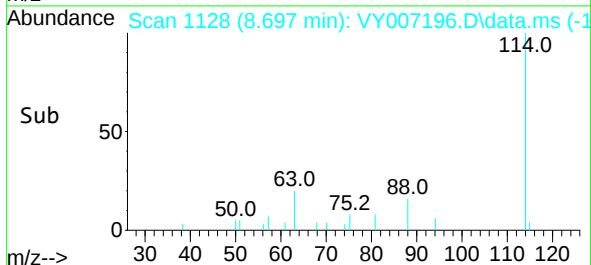
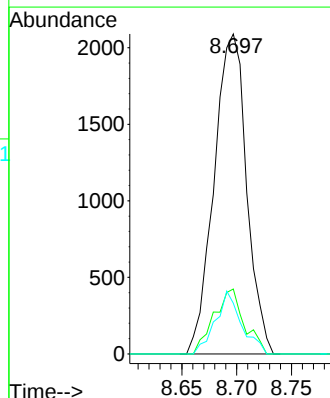
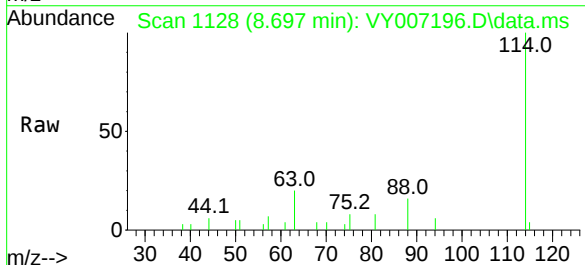
Tgt Ion: 114 Resp: 4318

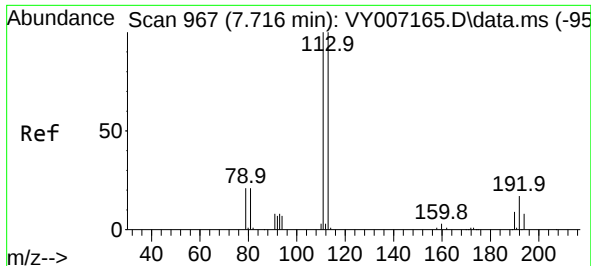
Ion Ratio Lower Upper

114 100

63 20.3 0.0 39.2

88 15.8 0.0 31.0

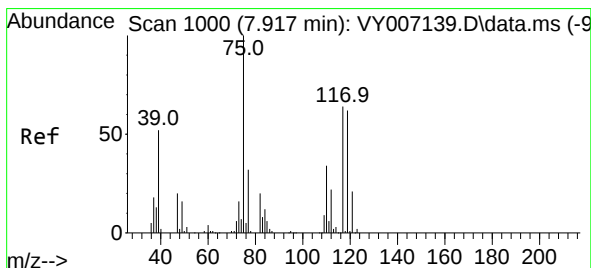
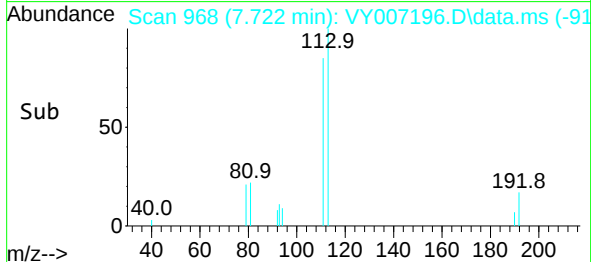
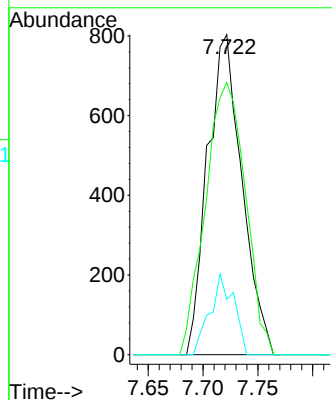
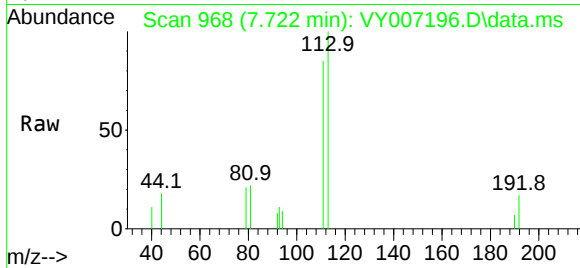




#35
Dibromofluoromethane
Concen: 60.107 ug/l
RT: 7.722 min Scan# 911
Delta R.T. 0.006 min
Lab File: VY007196.D
Acq: 17 Jan 2022 19:11

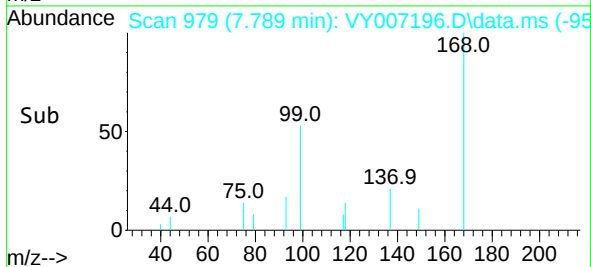
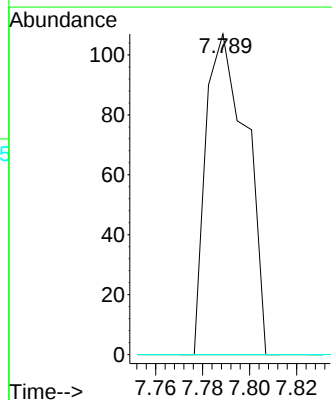
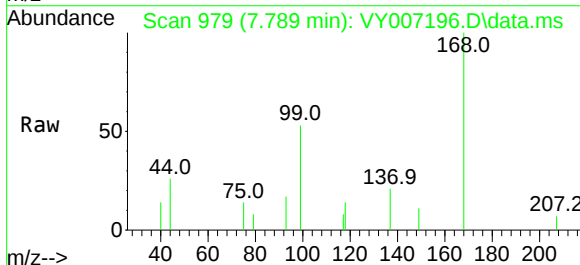
Instrument :
MSVOA_Y
ClientSampleId :
SU-01-011422

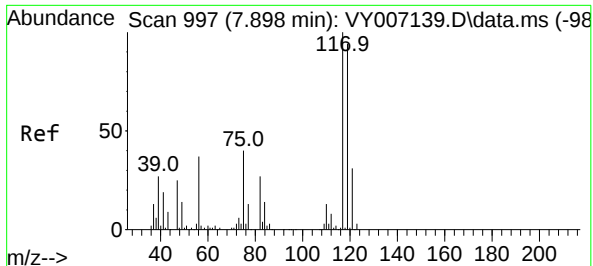
Tgt Ion:113 Resp: 1755
Ion Ratio Lower Upper
113 100
111 98.6 82.2 123.4
192 17.3 14.2 21.4



#36
1,1-Dichloropropene
Concen: 2.745 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY007196.D
Acq: 17 Jan 2022 19:11

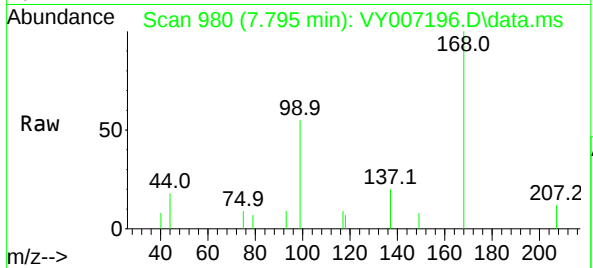
Tgt Ion: 75 Resp: 128
Ion Ratio Lower Upper
75 100
110 0.0 17.3 51.9#
77 0.0 24.7 37.1#



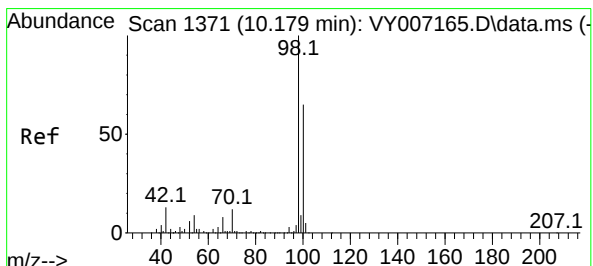
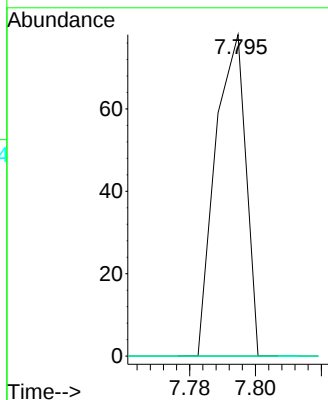
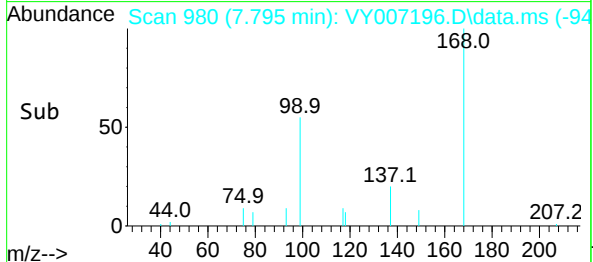


#38
Carbon Tetrachloride
Concen: 1.019 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.104 min
Lab File: VY007196.D
Acq: 17 Jan 2022 19:11

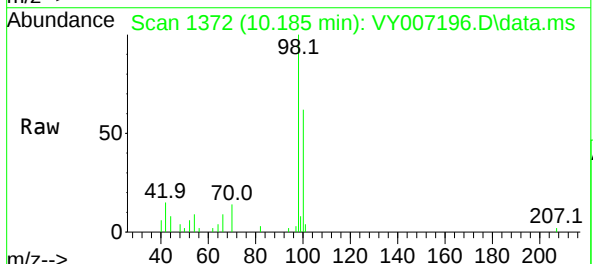
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ClientSampleId :
SU-01-011422



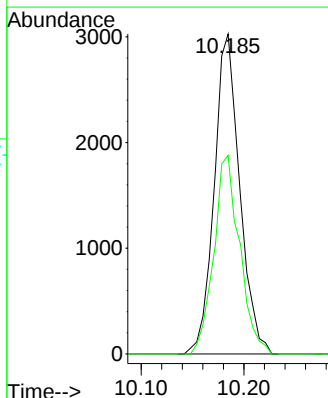
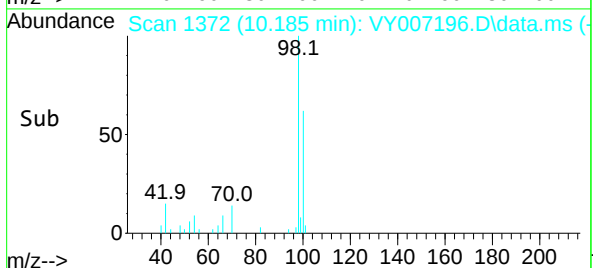
Tgt Ion:117 Resp: 50
Ion Ratio Lower Upper
117 100
119 0.0 77.2 115.8#
121 0.0 24.2 36.2#

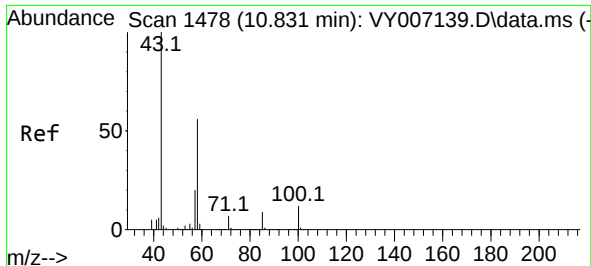


#50
Toluene-d8
Concen: 48.760 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.006 min
Lab File: VY007196.D
Acq: 17 Jan 2022 19:11



Tgt Ion: 98 Resp: 5202
Ion Ratio Lower Upper
98 100
100 62.8 52.2 78.2

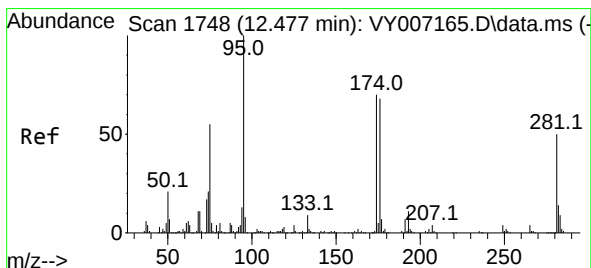
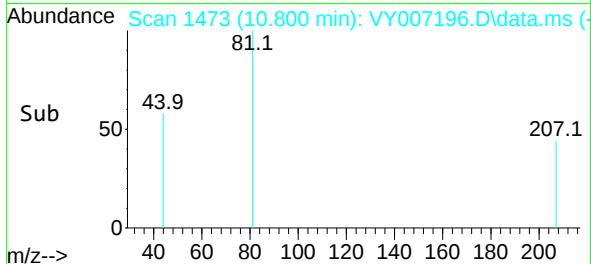
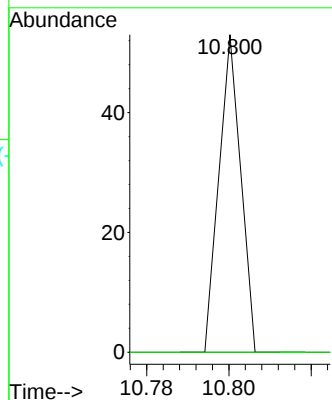
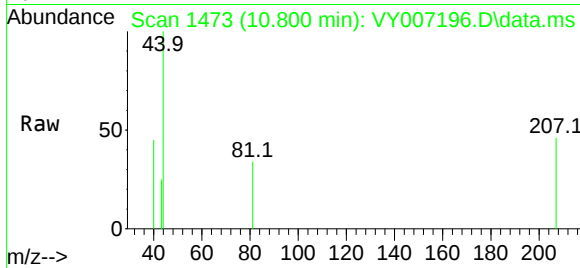




#59
2-Hexanone
Concen: 1.186 ug/l
RT: 10.800 min Scan# 1478
Delta R.T. -0.030 min
Lab File: VY007196.D
Acq: 17 Jan 2022 19:11

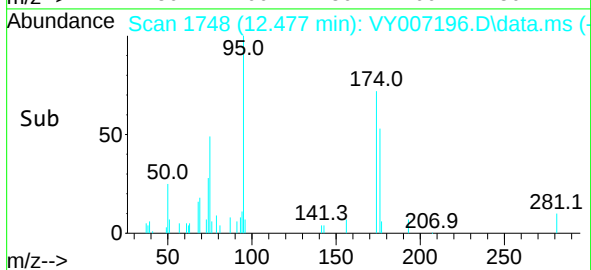
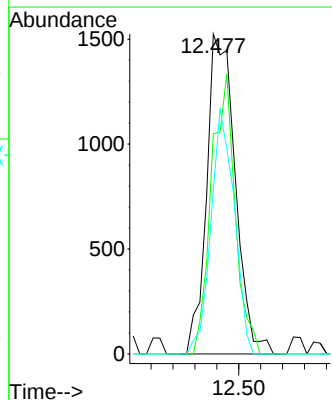
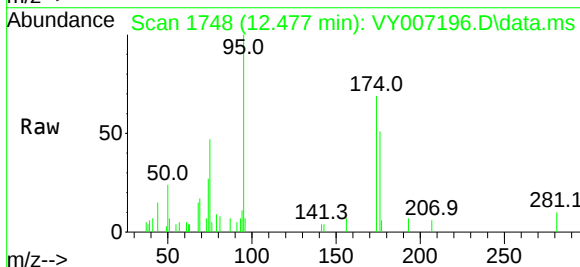
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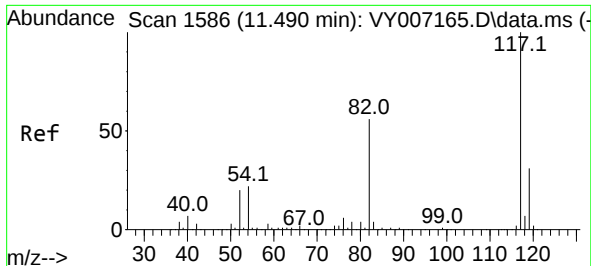
Tgt Ion: 43 Resp: 19
Ion Ratio Lower Upper
43 100
58 0.0 28.4 85.3#



#62
4-Bromofluorobenzene
Concen: 72.437 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY007196.D
Acq: 17 Jan 2022 19:11

Tgt Ion: 95 Resp: 2749
Ion Ratio Lower Upper
95 100
174 72.8 0.0 148.4
176 62.6 0.0 146.6

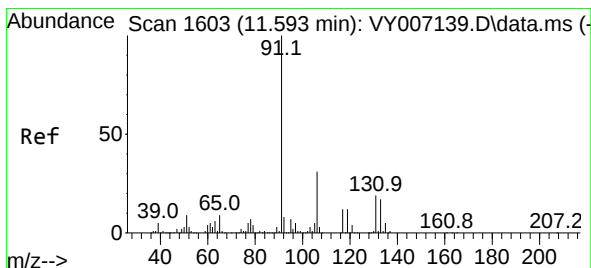
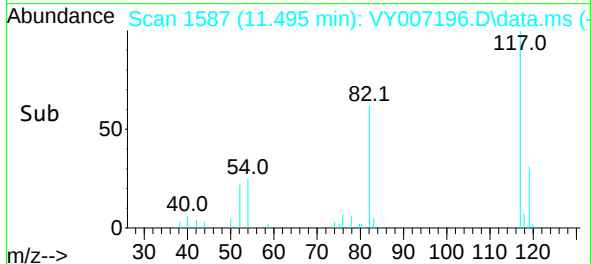
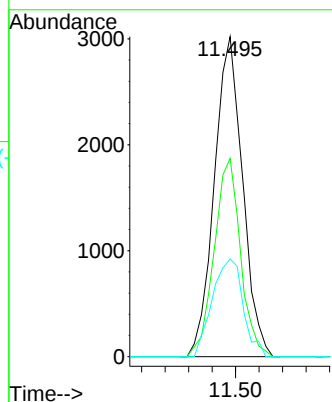
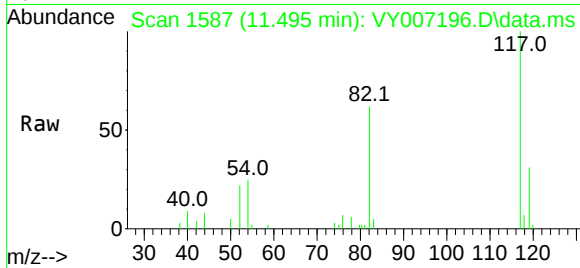




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.495 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY007196.D
Acq: 17 Jan 2022 19:11

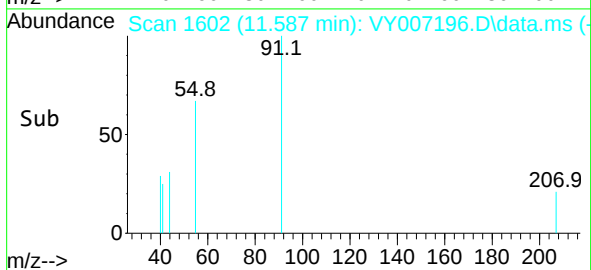
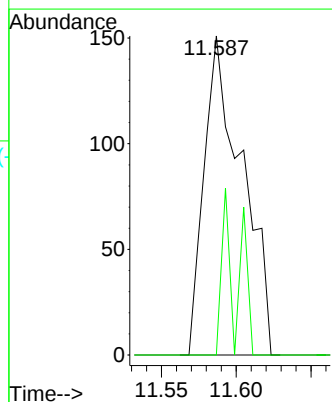
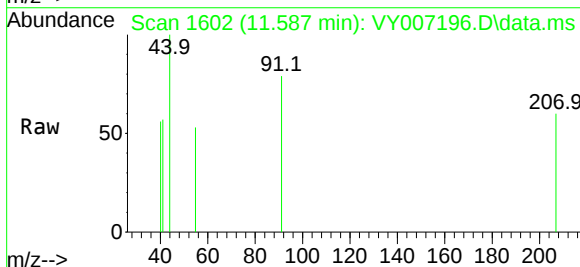
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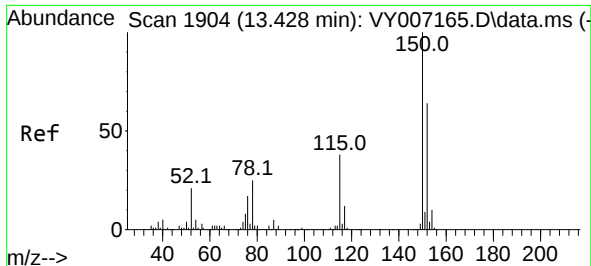
Tgt Ion:117 Resp: 5042
Ion Ratio Lower Upper
117 100
82 61.9 45.4 68.0
119 30.5 26.4 39.6



#67
Ethyl Benzene
Concen: 1.284 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY007196.D
Acq: 17 Jan 2022 19:11

Tgt Ion: 91 Resp: 266
Ion Ratio Lower Upper
91 100
106 0.0 23.9 35.9#

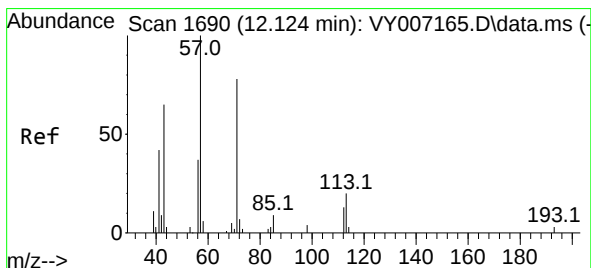
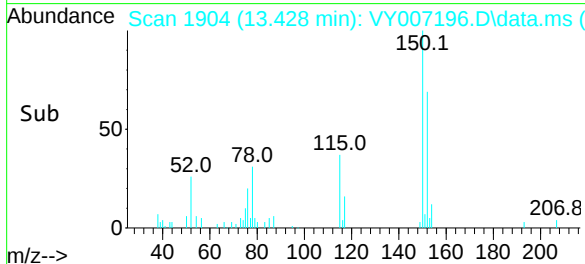
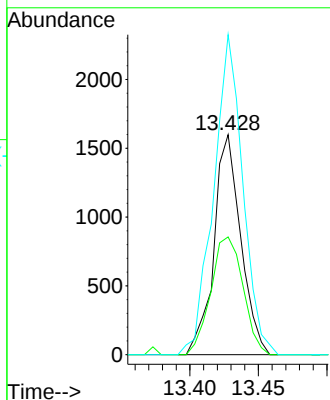
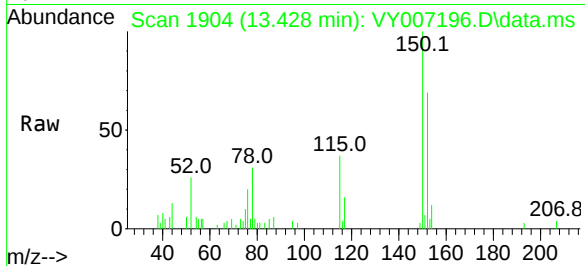




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY007196.D
Acq: 17 Jan 2022 19:11

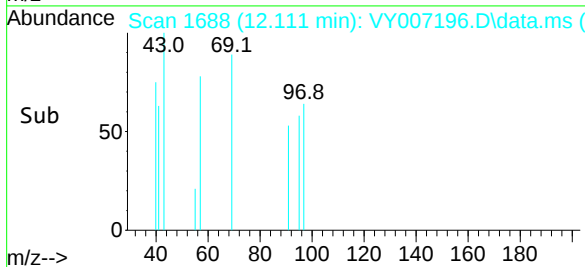
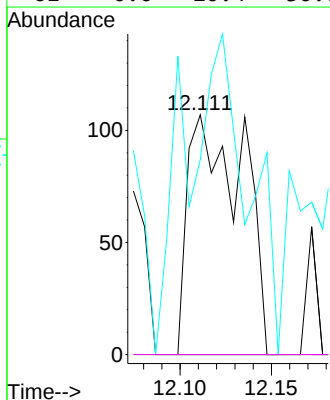
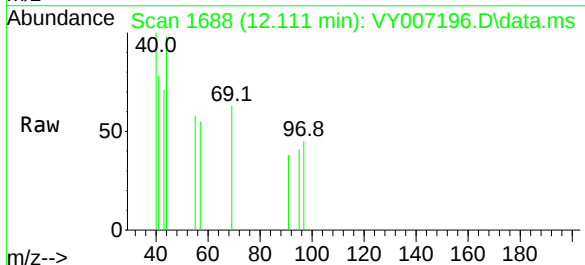
Instrument :
MSVOA_Y
ClientSampleId :
SU-01-011422

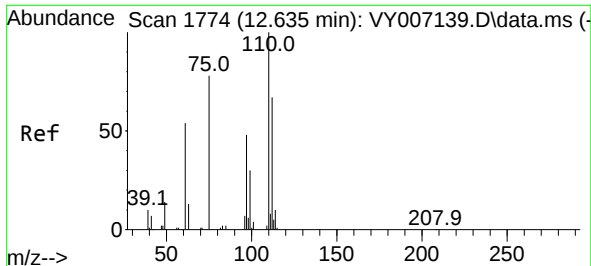
Tgt Ion:152 Resp: 2179
Ion Ratio Lower Upper
152 100
115 64.2 31.4 94.0
150 158.3 0.0 348.4



#74
N-ethyl acetate
Concen: 4.411 ug/l
RT: 12.111 min Scan# 1688
Delta R.T. -0.030 min
Lab File: VY007196.D
Acq: 17 Jan 2022 19:11

Tgt Ion: 43 Resp: 222
Ion Ratio Lower Upper
43 100
70 0.0 36.2 54.4#
55 111.3 19.0 28.4#
61 0.0 20.4 30.6#

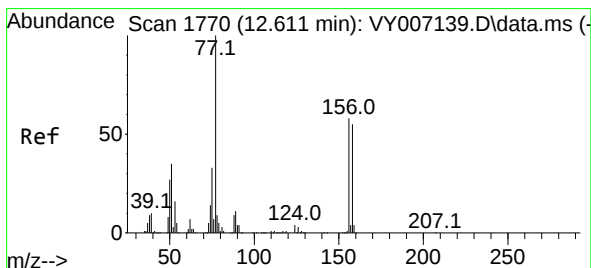
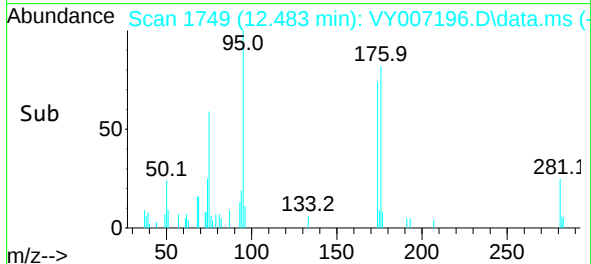
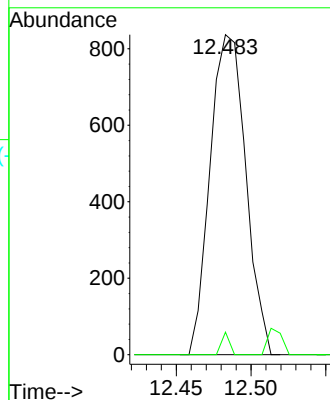
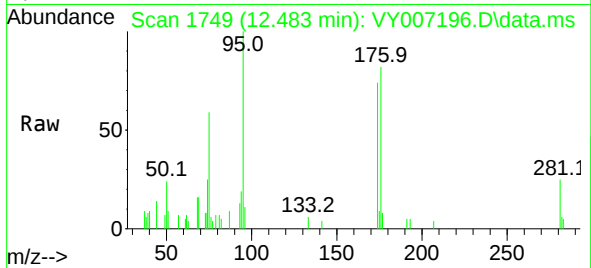




#76
1,2,3-Trichloropropane
Concen: 55.904 ug/l
RT: 12.483 min Scan# 1751
Delta R.T. -0.152 min
Lab File: VY007196.D
Acq: 17 Jan 2022 19:11

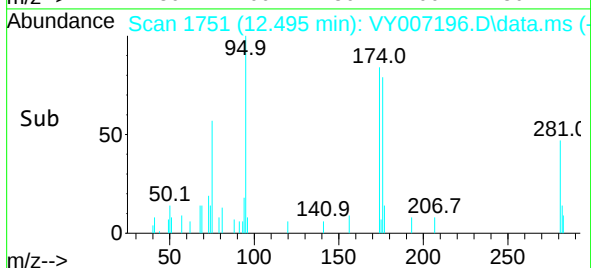
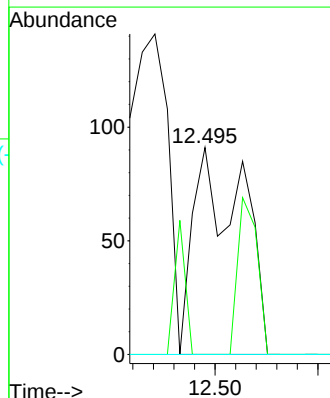
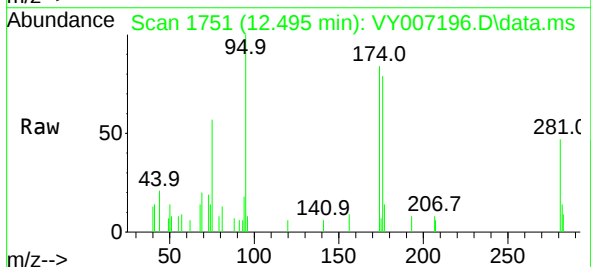
Instrument :
MSVOA_Y
ClientSampleId :
SU-01-011422

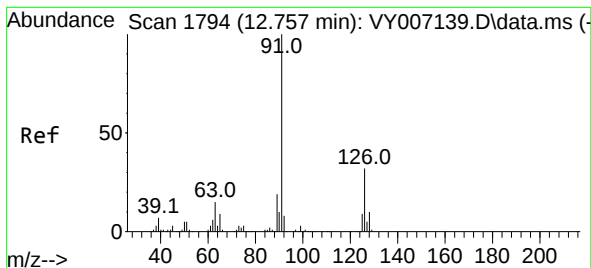
Tgt Ion: 75 Resp: 1389
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#77
Bromobenzene
Concen: 3.614 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. -0.116 min
Lab File: VY007196.D
Acq: 17 Jan 2022 19:11

Tgt Ion: 156 Resp: 148
Ion Ratio Lower Upper
156 100
77 14.9 98.7 296.1#
158 0.0 48.4 145.2#





#79

2-Chlorotoluene

Concen: 1.503 ug/l

RT: 12.745 min Scan# 11

Delta R.T. -0.012 min

Lab File: VY007196.D

Acq: 17 Jan 2022 19:11

Instrument :

MSVOA_Y

ClientSampleId :

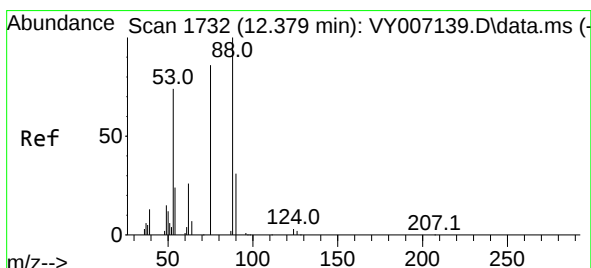
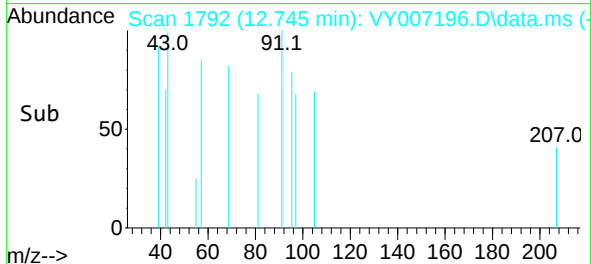
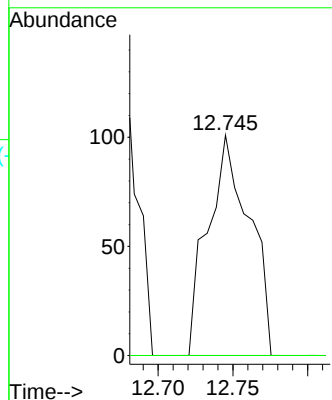
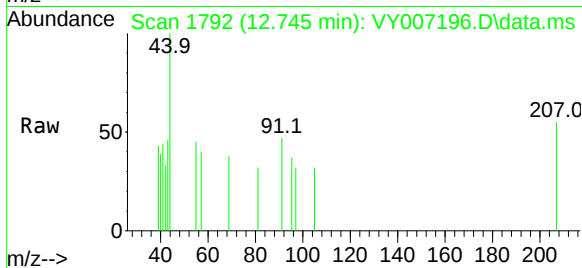
SU-01-011422

Tgt Ion: 91 Resp: 195

Ion Ratio Lower Upper

91 100

126 0.0 16.4 49.1#



#81

trans-1,4-Dichloro-2-butene

Concen: 102.344 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.104 min

Lab File: VY007196.D

Acq: 17 Jan 2022 19:11

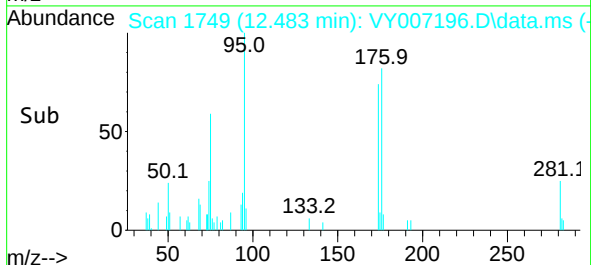
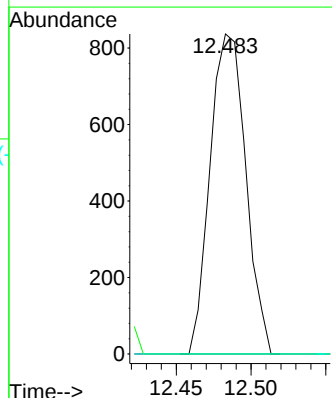
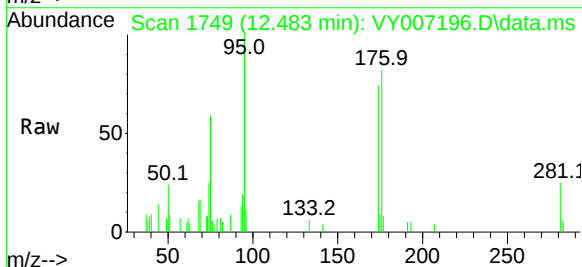
Tgt Ion: 75 Resp: 1389

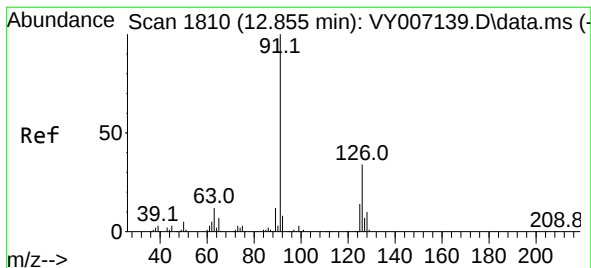
Ion Ratio Lower Upper

75 100

53 0.0 73.9 110.9#

89 0.0 0.0 0.0





#82

4-Chlorotoluene

Concen: 1.441 ug/l

RT: 12.867 min Scan# 1811

Delta R.T. 0.012 min

Lab File: VY007196.D

Acq: 17 Jan 2022 19:11

Instrument :

MSVOA_Y

ClientSampleId :

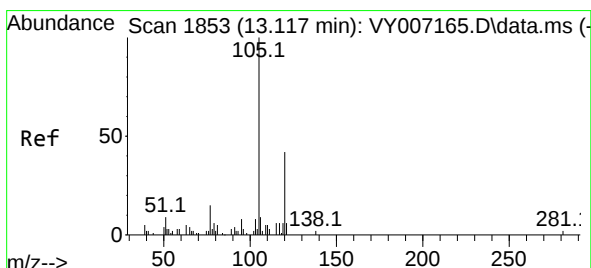
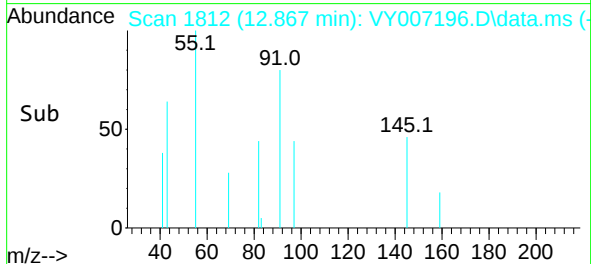
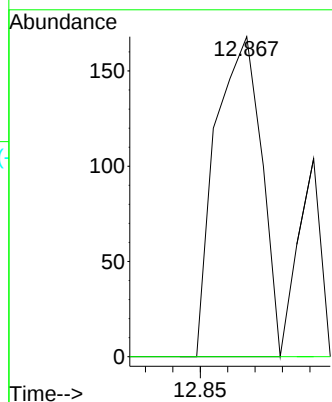
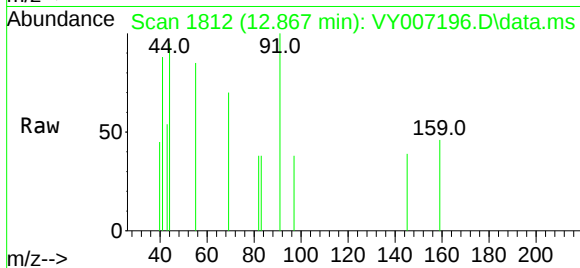
SU-01-011422

Tgt Ion: 91 Resp: 195

Ion Ratio Lower Upper

91 100

126 0.0 16.3 48.9#



#84

1,2,4-Trimethylbenzene

Concen: 1.619 ug/l

RT: 13.111 min Scan# 1852

Delta R.T. -0.012 min

Lab File: VY007196.D

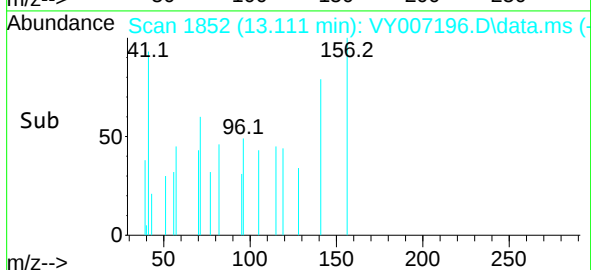
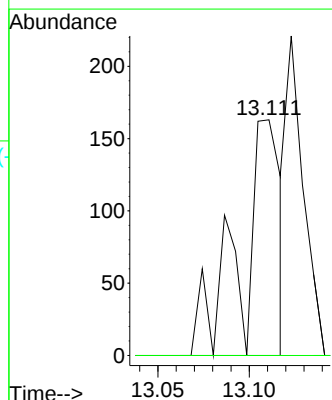
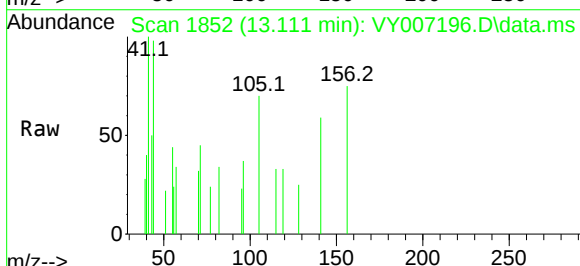
Acq: 17 Jan 2022 19:11

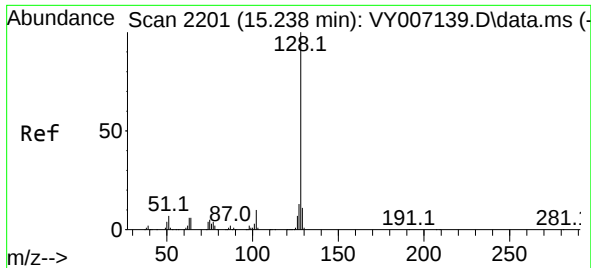
Tgt Ion: 105 Resp: 248

Ion Ratio Lower Upper

105 100

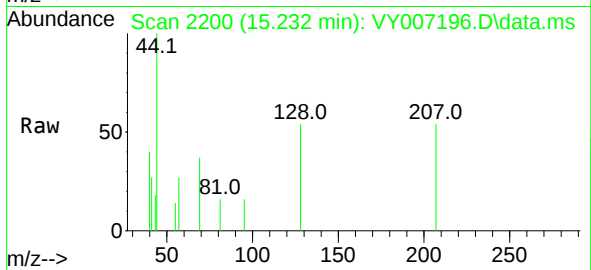
120 0.0 21.6 64.6#





#95
Naphthalene
Concen: 2.888 ug/l
RT: 15.232 min Scan# 21
Delta R.T. -0.006 min
Lab File: VY007196.D
Acq: 17 Jan 2022 19:11

Instrument :
MSVOA_Y
ClientSampleId :
SU-01-011422



Tgt Ion:128 Resp: 266
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.9 13.3#

