

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032622\
 Data File : VY008046.D
 Acq On : 26 Mar 2022 15:16
 Operator : SY/MD
 Sample : N2095-07
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-07-2.0-3.0

Quant Time: Mar 28 09:29:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 26 03:24:51 2022
 Response via : Initial Calibration

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

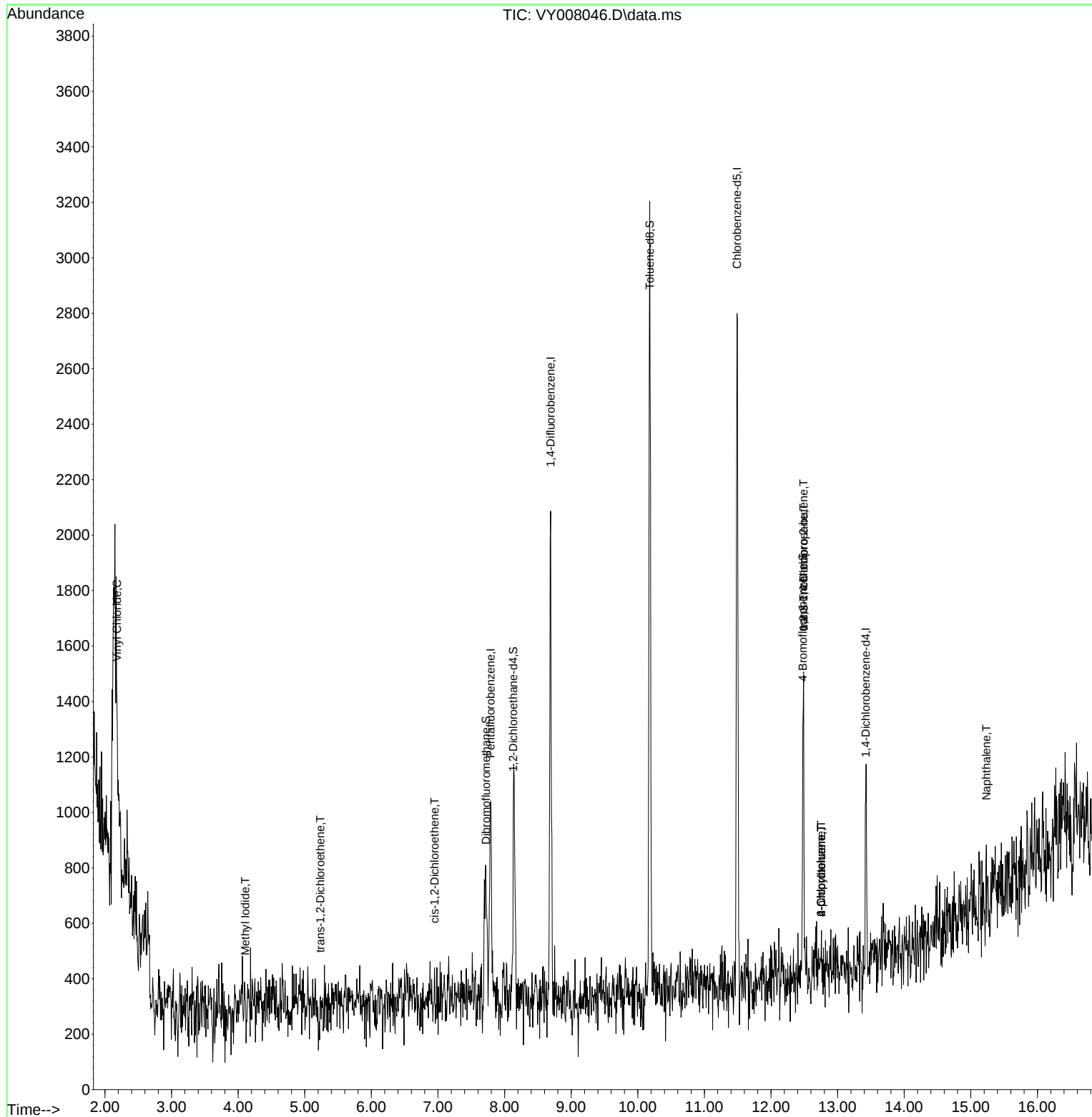
Internal Standards						
1) Pentafluorobenzene	7.789	168	876	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	1957	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	1659	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	286	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	805	91.593	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 183.180%#	
35) Dibromofluoromethane	7.722	113	601	48.982	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 97.960%	
50) Toluene-d8	10.179	98	2052	44.390	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 88.780%	
62) 4-Bromofluorobenzene	12.477	95	483	29.616	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 59.240%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.180	62	23	1.798	ug/l #	43
10) Methyl Iodide	4.107	142	65	7.052	ug/l #	35
21) trans-1,2-Dichloroethene	5.234	96	20	1.858	ug/l #	1
27) cis-1,2-Dichloroethene	6.948	96	46	3.688	ug/l #	1
76) 1,2,3-Trichloropropane	12.489	75	233	66.832	ug/l #	100
78) n-propylbenzene	12.751	91	43	1.544	ug/l #	53
79) 2-Chlorotoluene	12.751	91	43	2.784	ug/l #	41
81) trans-1,4-Dichloro-2-b...	12.489	75	233	149.113	ug/l #	7
82) 4-Chlorotoluene	12.751	91	43	2.713	ug/l #	41
95) Naphthalene	15.233	128	106	8.470	ug/l #	69

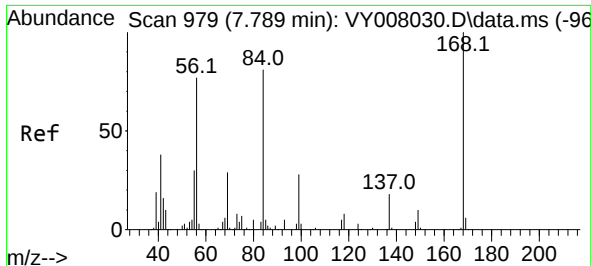
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032622\
Data File : VY008046.D
Acq On : 26 Mar 2022 15:16
Operator : SY/MD
Sample : N2095-07
Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-07-2.0-3.0

Quant Time: Mar 28 09:29:13 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
Quant Title : SW846 8260
QLast Update : Sat Mar 26 03:24:51 2022
Response via : Initial Calibration

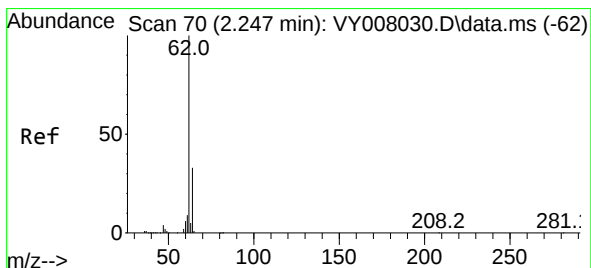
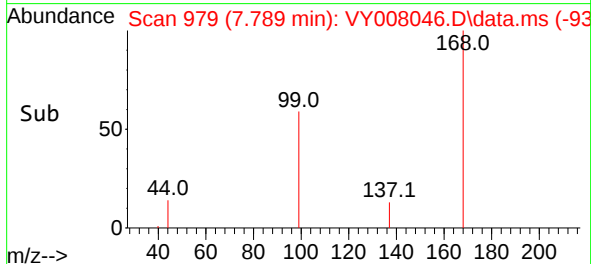
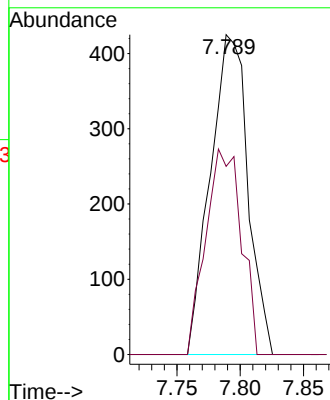
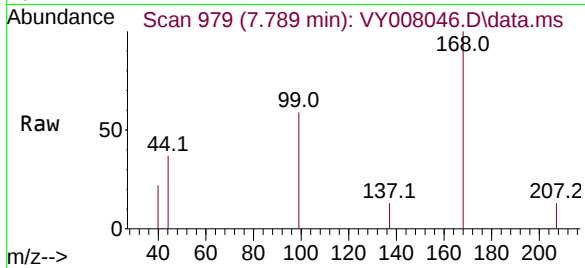




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008046.D
Acq: 26 Mar 2022 15:16

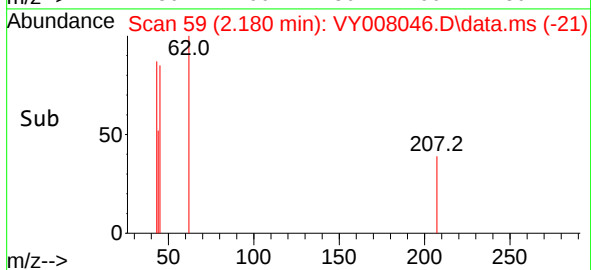
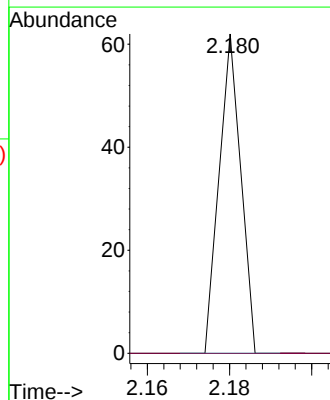
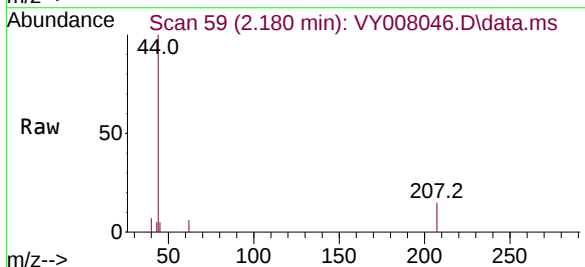
Instrument :
MSVOA_Y
ClientSampleId :
SB-07-2.0-3.0

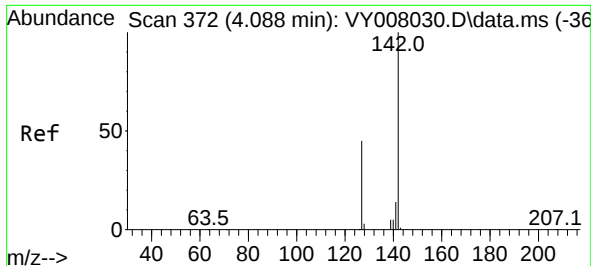
Tgt Ion:168 Resp: 876
Ion Ratio Lower Upper
168 100
99 58.8 46.9 70.3



#4
Vinyl Chloride
Concen: 1.798 ug/l
RT: 2.180 min Scan# 59
Delta R.T. -0.067 min
Lab File: VY008046.D
Acq: 26 Mar 2022 15:16

Tgt Ion: 62 Resp: 23
Ion Ratio Lower Upper
62 100
64 0.0 25.0 37.6#

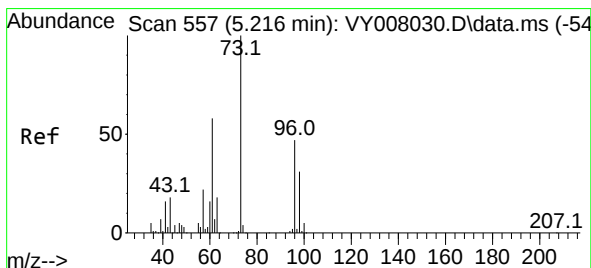
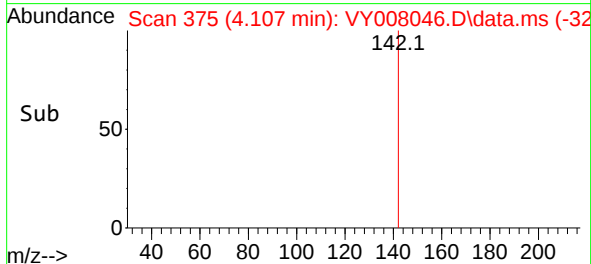
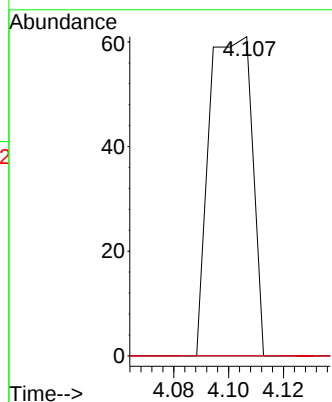
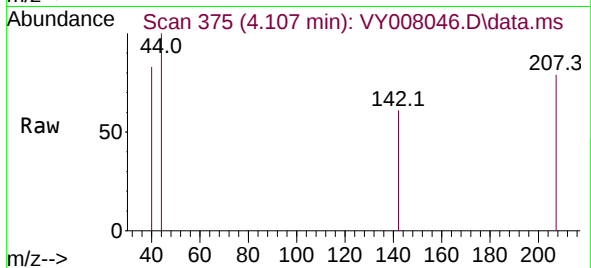




#10
Methyl Iodide
Concen: 7.052 ug/l
RT: 4.107 min Scan# 31
Delta R.T. 0.019 min
Lab File: VY008046.D
Acq: 26 Mar 2022 15:16

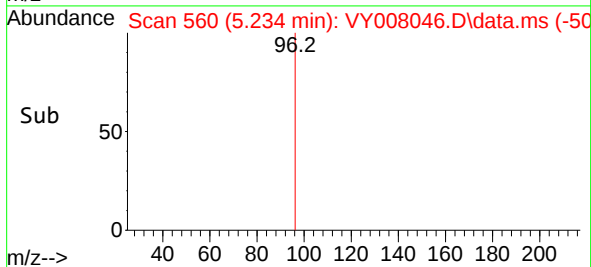
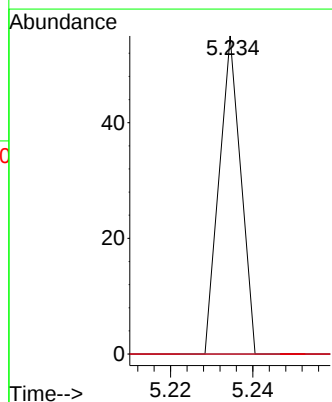
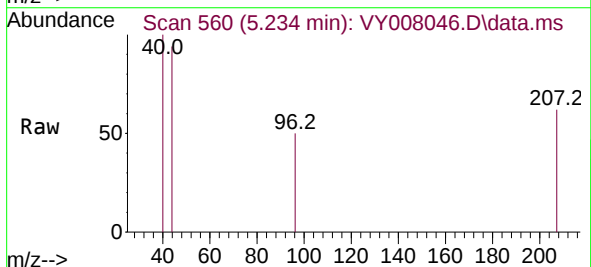
Instrument :
MSVOA_Y
ClientSampleId :
SB-07-2.0-3.0

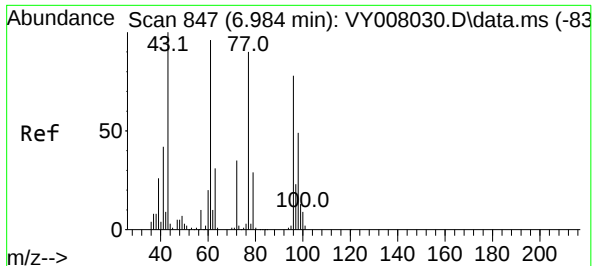
Tgt Ion:142 Resp: 65
Ion Ratio Lower Upper
142 100
127 0.0 41.5 62.3#
141 0.0 11.9 17.9#



#21
trans-1,2-Dichloroethene
Concen: 1.858 ug/l
RT: 5.234 min Scan# 560
Delta R.T. 0.018 min
Lab File: VY008046.D
Acq: 26 Mar 2022 15:16

Tgt Ion: 96 Resp: 20
Ion Ratio Lower Upper
96 100
61 0.0 120.5 180.7#
98 0.0 49.8 74.8#





#27

cis-1,2-Dichloroethene

Concen: 3.688 ug/l

RT: 6.948 min Scan# 841

Delta R.T. -0.036 min

Lab File: VY008046.D

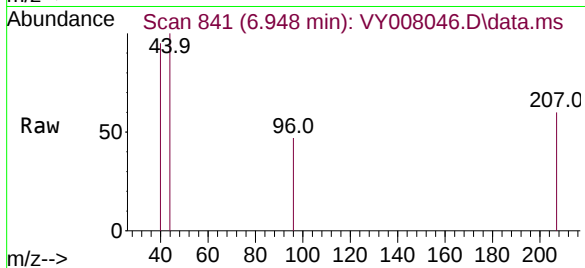
Acq: 26 Mar 2022 15:16

Instrument :

MSVOA_Y

ClientSampleId :

SB-07-2.0-3.0



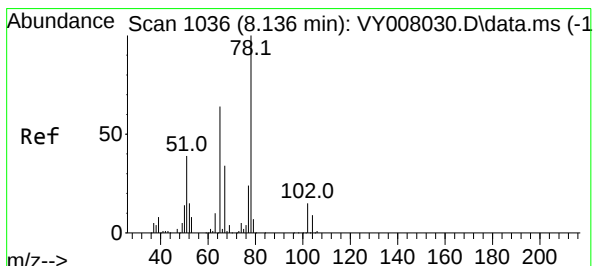
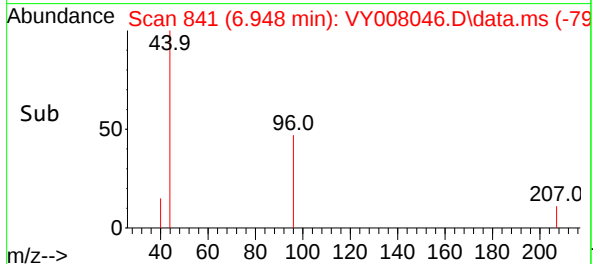
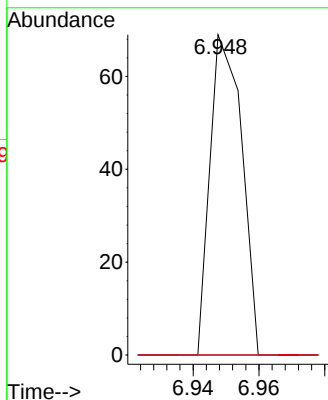
Tgt Ion: 96 Resp: 46

Ion Ratio Lower Upper

96 100

61 0.0 0.0 319.8

98 0.0 0.0 127.0



#33

1,2-Dichloroethane-d4

Concen: 91.593 ug/l

RT: 8.130 min Scan# 1035

Delta R.T. -0.006 min

Lab File: VY008046.D

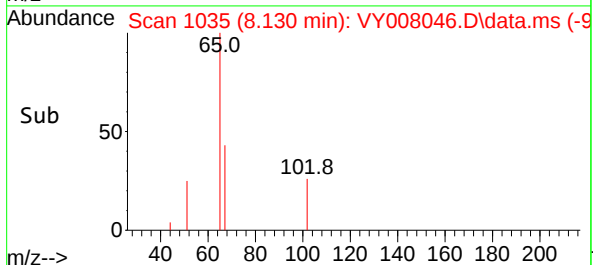
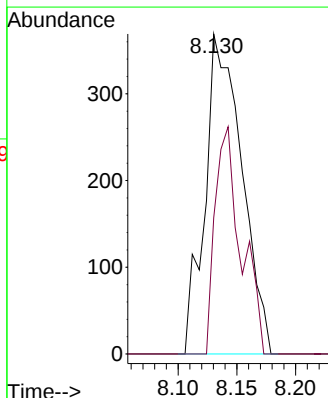
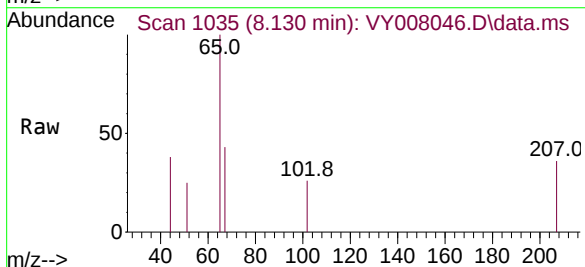
Acq: 26 Mar 2022 15:16

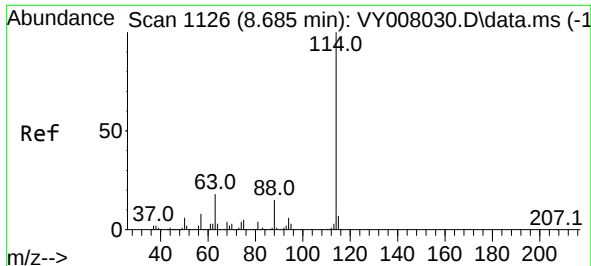
Tgt Ion: 65 Resp: 805

Ion Ratio Lower Upper

65 100

67 49.9 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY008046.D

Acq: 26 Mar 2022 15:16

Instrument :

MSVOA_Y

ClientSampleId :

SB-07-2.0-3.0

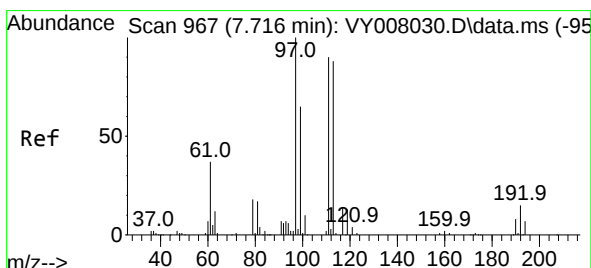
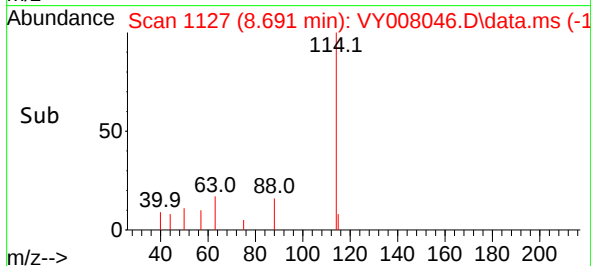
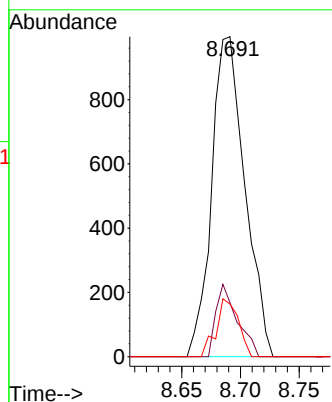
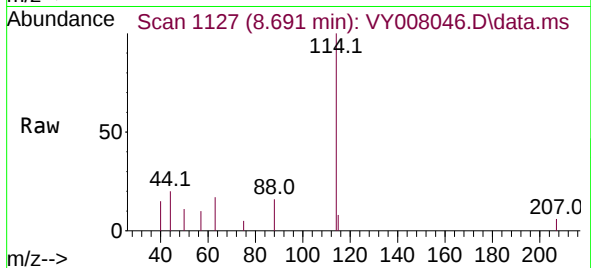
Tgt Ion:114 Resp: 1957

Ion Ratio Lower Upper

114 100

63 16.9 0.0 43.2

88 16.5 0.0 31.8



#35

Dibromofluoromethane

Concen: 48.982 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY008046.D

Acq: 26 Mar 2022 15:16

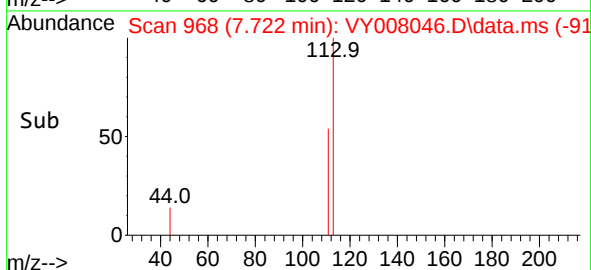
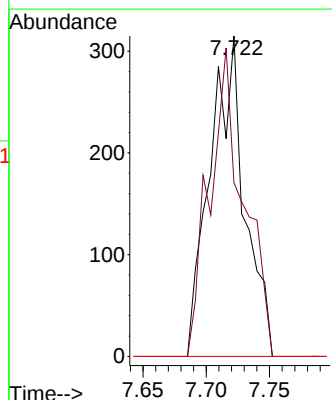
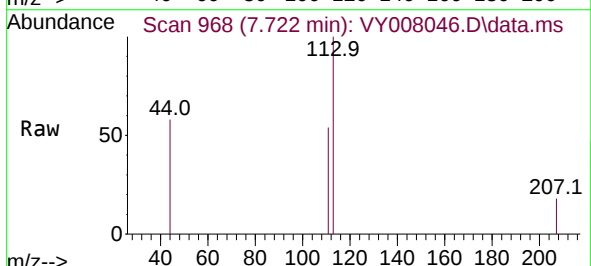
Tgt Ion:113 Resp: 601

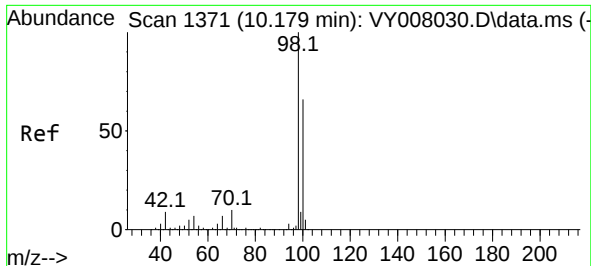
Ion Ratio Lower Upper

113 100

111 94.5 82.6 124.0

192 0.0 17.6 26.4#

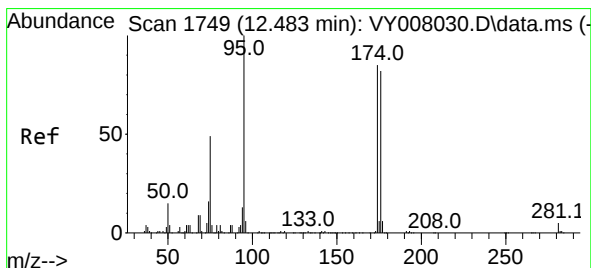
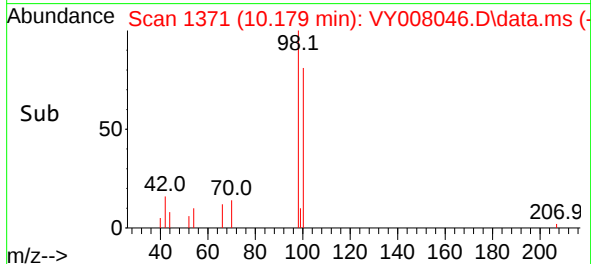
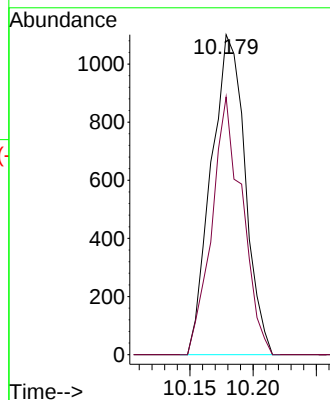
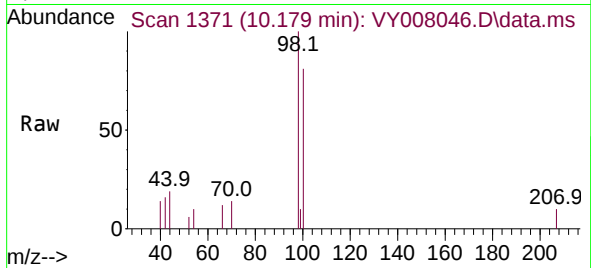




#50
Toluene-d8
Concen: 44.390 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008046.D
Acq: 26 Mar 2022 15:16

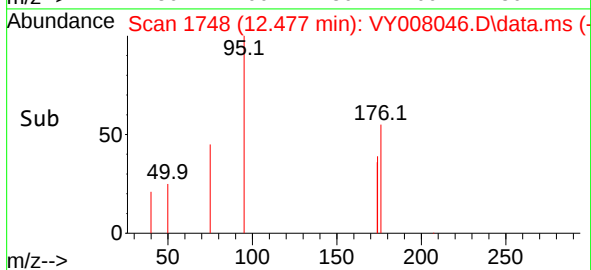
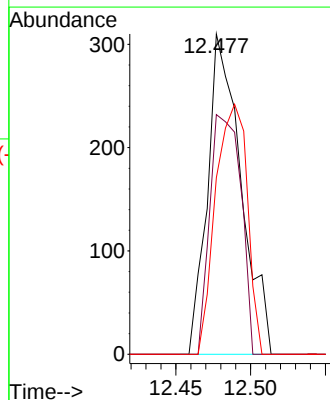
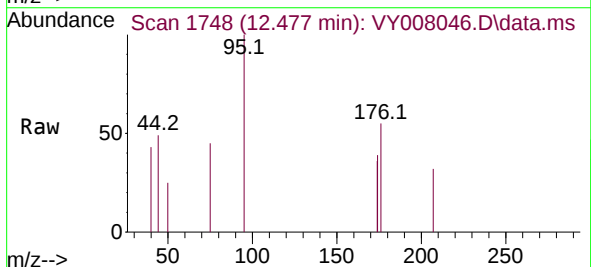
Instrument :
MSVOA_Y
ClientSampleId :
SB-07-2.0-3.0

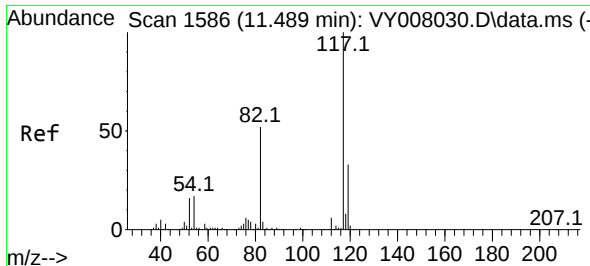
Tgt Ion: 98 Resp: 2052
Ion Ratio Lower Upper
98 100
100 72.1 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 29.616 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY008046.D
Acq: 26 Mar 2022 15:16

Tgt Ion: 95 Resp: 483
Ion Ratio Lower Upper
95 100
174 69.2 0.0 177.0
176 73.7 0.0 175.8

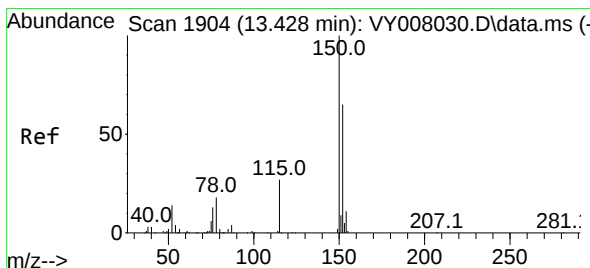
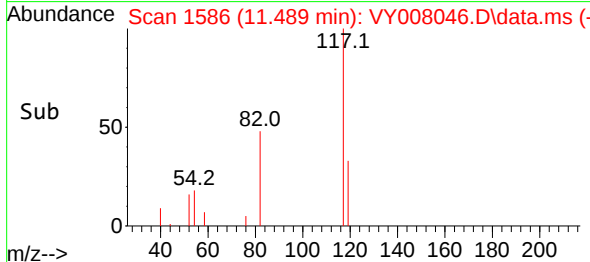
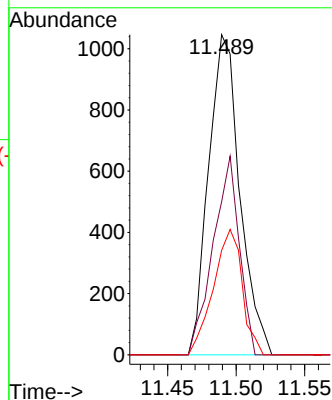
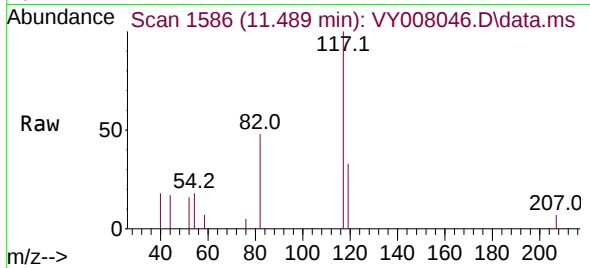




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008046.D
Acq: 26 Mar 2022 15:16

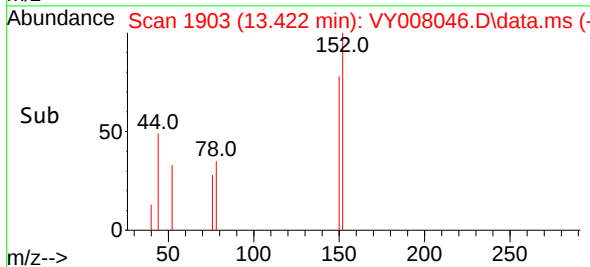
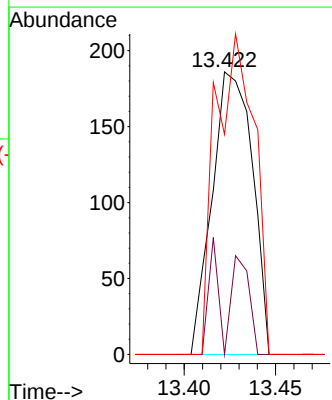
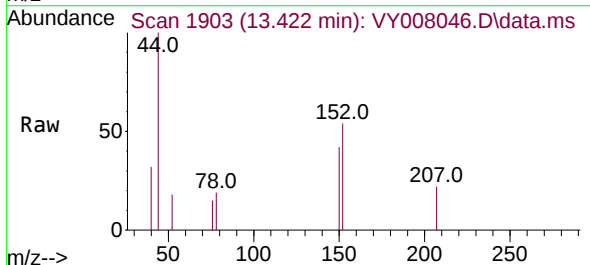
Instrument :
MSVOA_Y
ClientSampleId :
SB-07-2.0-3.0

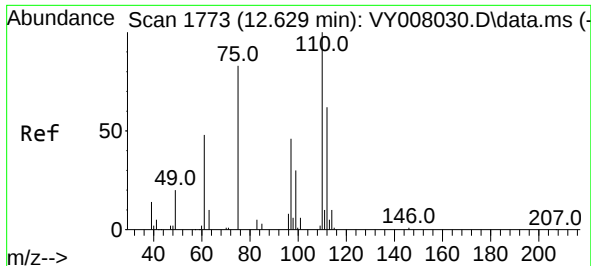
Tgt Ion:	117	Resp:	1659
Ion	Ratio	Lower	Upper
117	100		
82	47.8	43.0	64.4
119	32.6	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY008046.D
Acq: 26 Mar 2022 15:16

Tgt Ion:	152	Resp:	286
Ion	Ratio	Lower	Upper
152	100		
115	15.4	28.2	84.7#
150	108.7	0.0	347.6

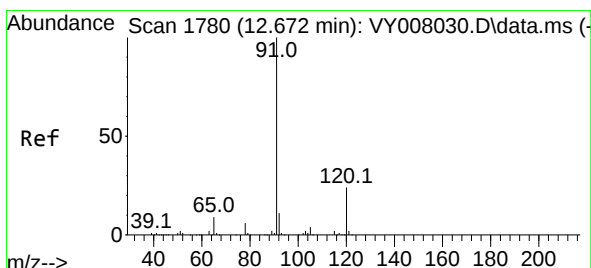
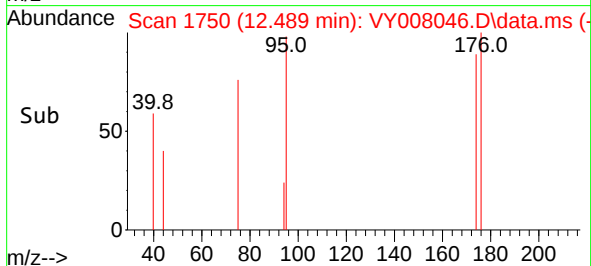
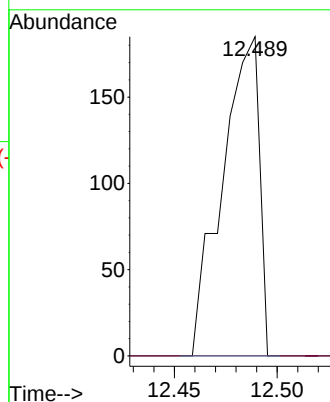
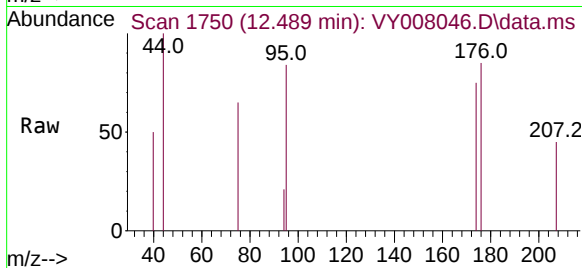




#76
1,2,3-Trichloropropane
Concen: 66.832 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. -0.140 min
Lab File: VY008046.D
Acq: 26 Mar 2022 15:16

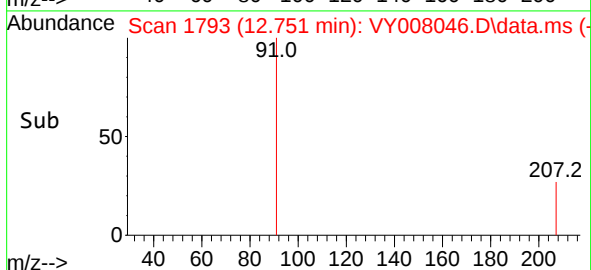
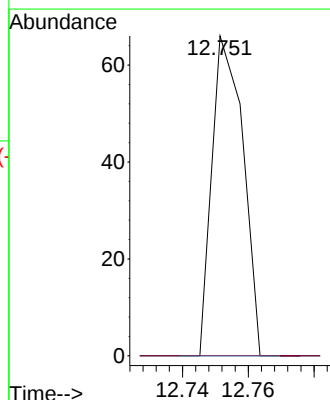
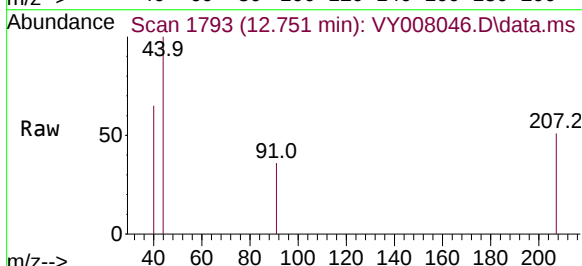
Instrument :
MSVOA_Y
ClientSampleId :
SB-07-2.0-3.0

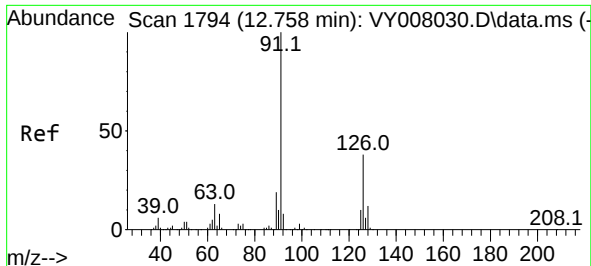
Tgt Ion: 75 Resp: 233
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#78
n-propylbenzene
Concen: 1.544 ug/l
RT: 12.751 min Scan# 1793
Delta R.T. 0.079 min
Lab File: VY008046.D
Acq: 26 Mar 2022 15:16

Tgt Ion: 91 Resp: 43
Ion Ratio Lower Upper
91 100
120 0.0 11.3 33.9#

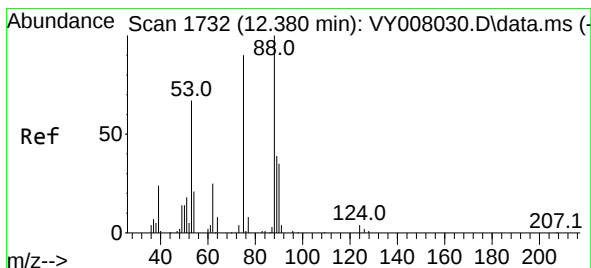
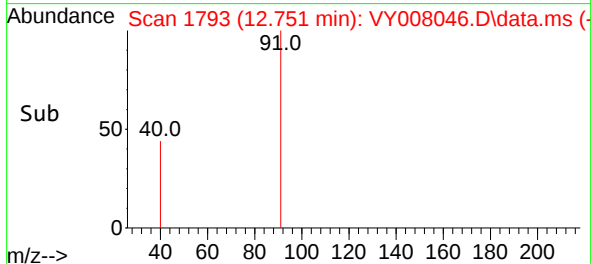
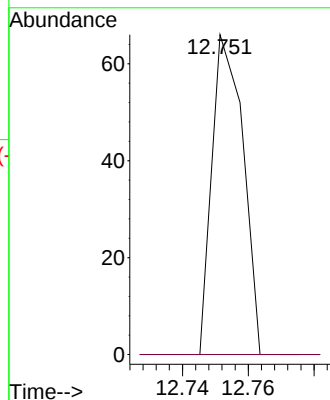
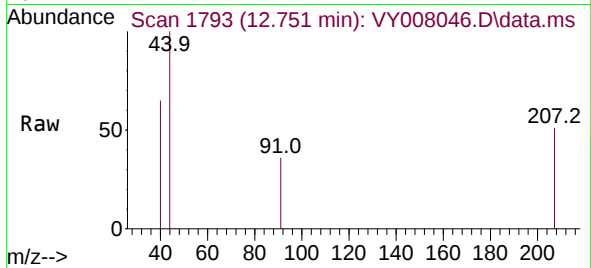




#79
2-Chlorotoluene
Concen: 2.784 ug/l
RT: 12.751 min Scan# 11
Delta R.T. -0.007 min
Lab File: VY008046.D
Acq: 26 Mar 2022 15:16

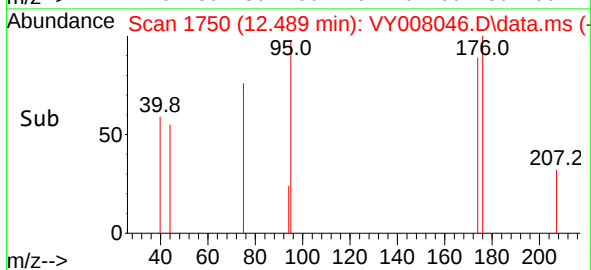
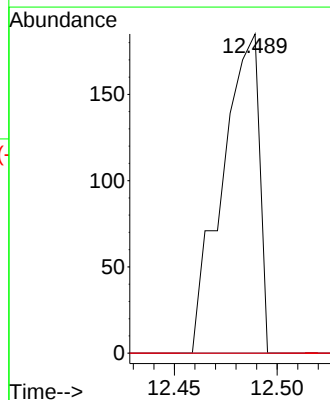
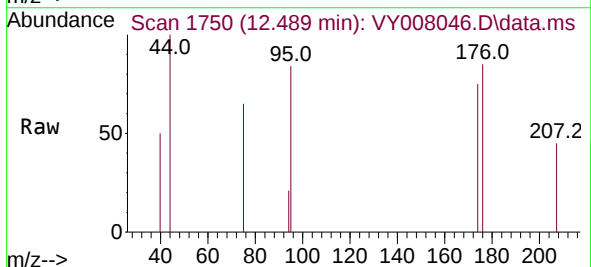
Instrument :
MSVOA_Y
ClientSampleId :
SB-07-2.0-3.0

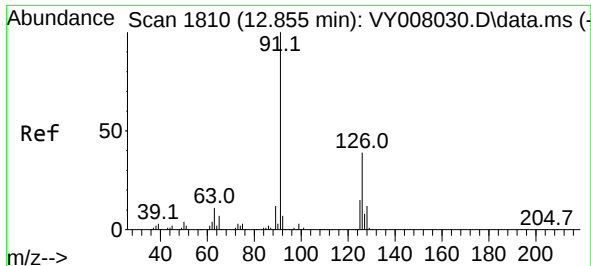
Tgt Ion: 91 Resp: 43
Ion Ratio Lower Upper
91 100
126 0.0 16.9 50.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 149.113 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.109 min
Lab File: VY008046.D
Acq: 26 Mar 2022 15:16

Tgt Ion: 75 Resp: 233
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#





#82

4-Chlorotoluene

Concen: 2.713 ug/l

RT: 12.751 min Scan# 1

Delta R.T. -0.104 min

Lab File: VY008046.D

Acq: 26 Mar 2022 15:16

Instrument :

MSVOA_Y

ClientSampleId :

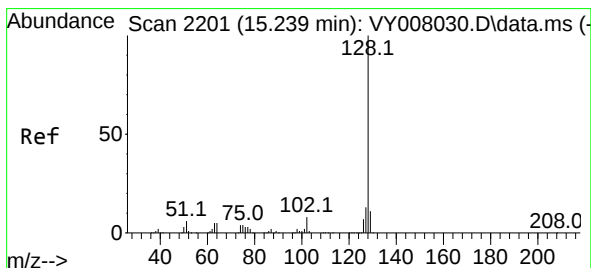
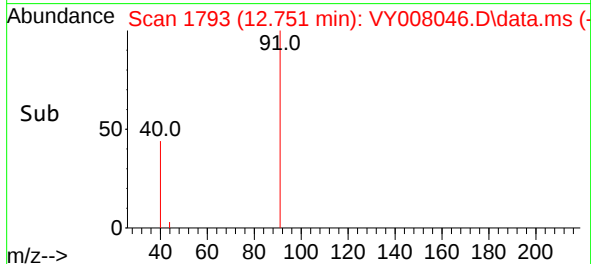
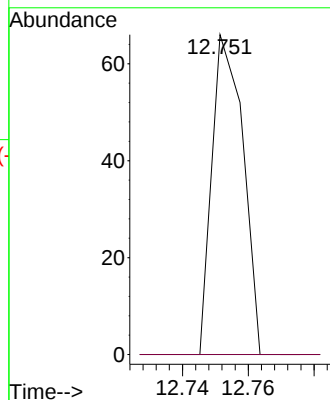
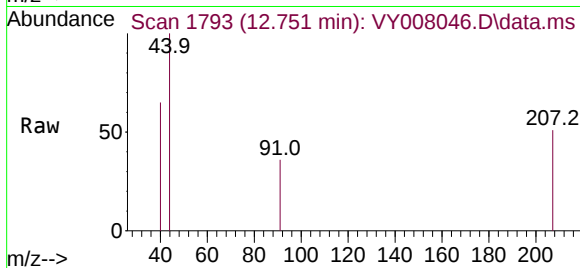
SB-07-2.0-3.0

Tgt Ion: 91 Resp: 43

Ion Ratio Lower Upper

91 100

126 0.0 17.0 51.0#



#95

Naphthalene

Concen: 8.470 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. -0.006 min

Lab File: VY008046.D

Acq: 26 Mar 2022 15:16

Tgt Ion: 128 Resp: 106

Ion Ratio Lower Upper

128 100

127 0.0 11.0 16.4#

129 0.0 8.4 12.6#

