

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032822\
 Data File : VY008065.D
 Acq On : 28 Mar 2022 15:06
 Operator : SY/MD
 Sample : N2095-14RE
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-14-4.0-5.0RE

Quant Time: Mar 29 02:26:08 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)

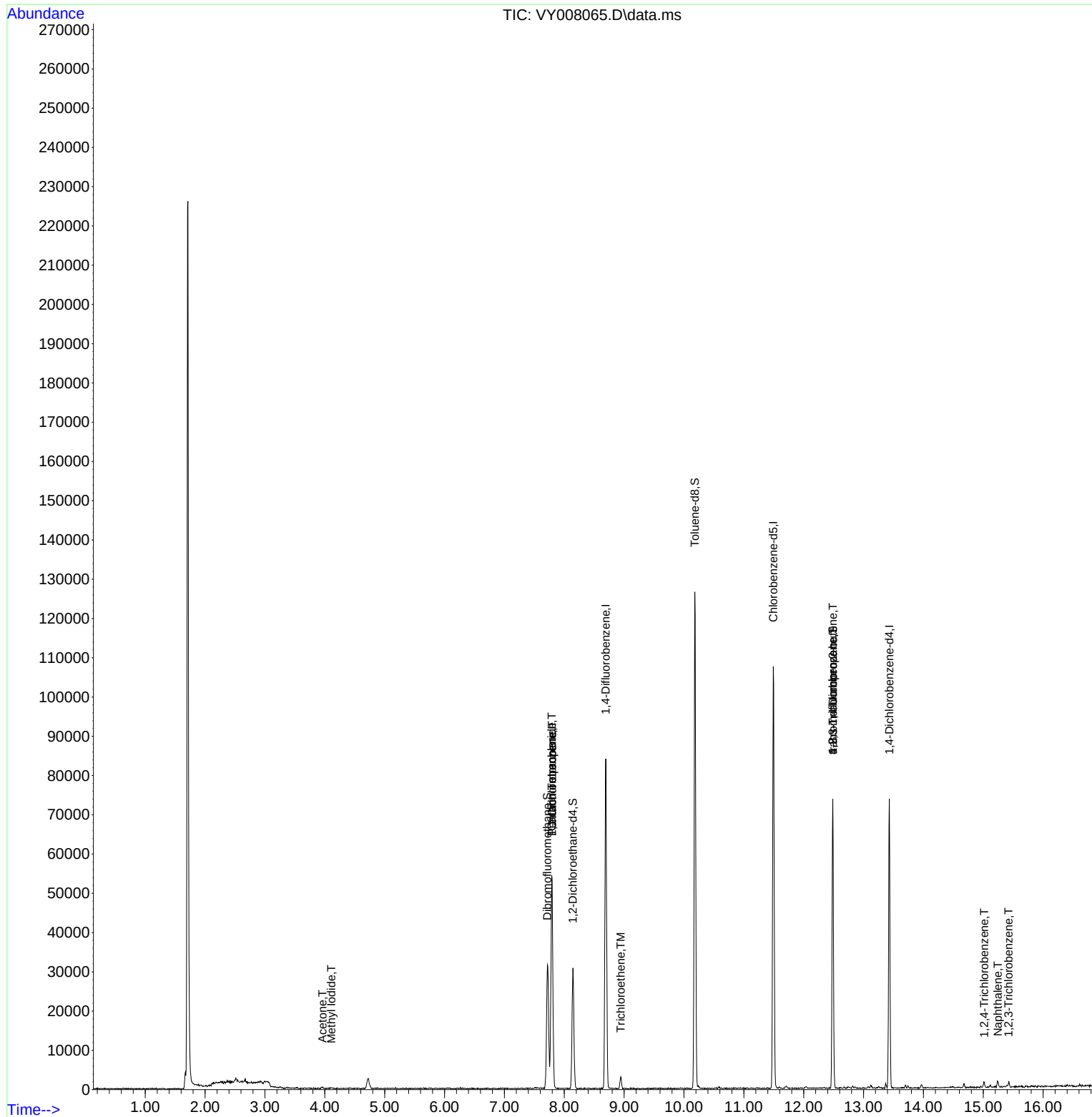
Internal Standards						
1) Pentafluorobenzene	7.797	168	42167	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.693	114	75117	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.492	117	63385	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.430	152	18500	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.145	65	22968	54.290	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.580%	
35) Dibromofluoromethane	7.718	113	23411	49.709	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.420%	
50) Toluene-d8	10.181	98	86432	48.712	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 97.420%	
62) 4-Bromofluorobenzene	12.485	95	23742	37.927	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 75.860%	
Target Compounds						
						Qvalue
10) Methyl Iodide	4.109	142	348	2.293	ug/l #	43
16) Acetone	3.963	43	429	4.436	ug/l #	81
20) Methylene Chloride	4.719	84	2310	Below Cal	#	64
36) 1,1-Dichloropropene	7.797	75	3426	4.631	ug/l #	50
38) Carbon Tetrachloride	7.791	117	4194	5.202	ug/l #	15
44) Trichloroethene	8.943	130	1096	1.791	ug/l	97
76) 1,2,3-Trichloropropane	12.485	75	12064	53.495	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.485	75	12064	119.356	ug/l #	7
93) 1,2,4-Trichlorobenzene	15.015	180	510	1.393	ug/l	94
95) Naphthalene	15.241	128	1793	2.215	ug/l	95
96) 1,2,3-Trichlorobenzene	15.424	180	597	1.884	ug/l	80

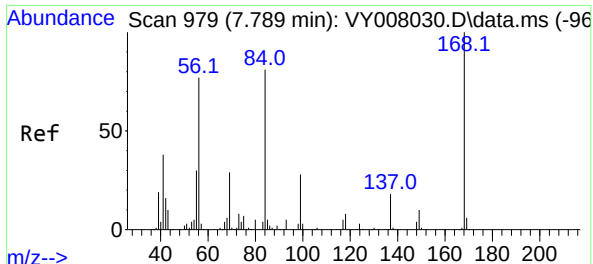
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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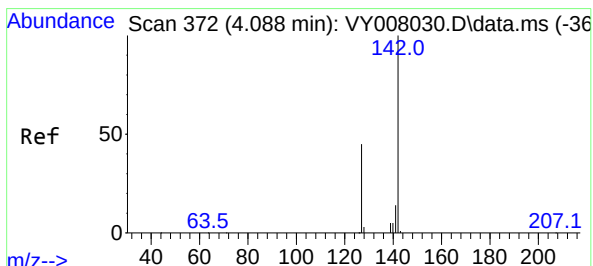
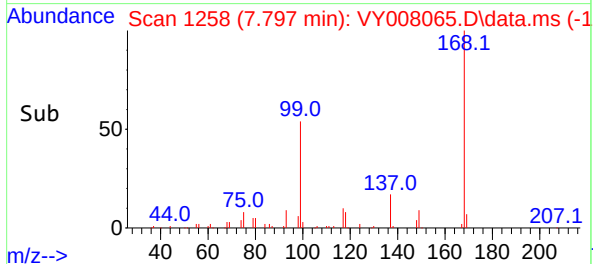
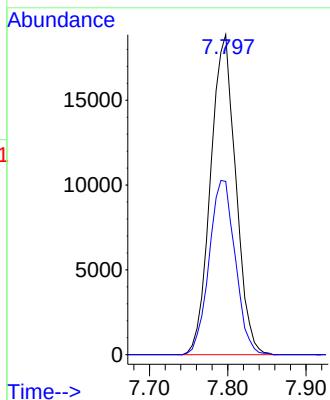
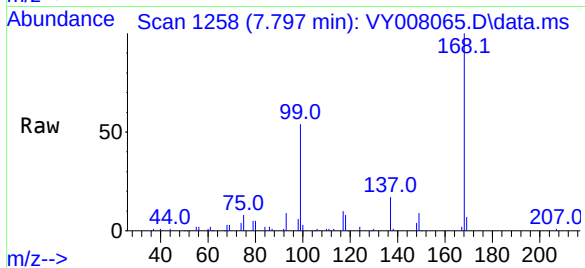




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.797 min Scan# 11
Delta R.T. 0.008 min
Lab File: VY008065.D
Acq: 28 Mar 2022 15:06

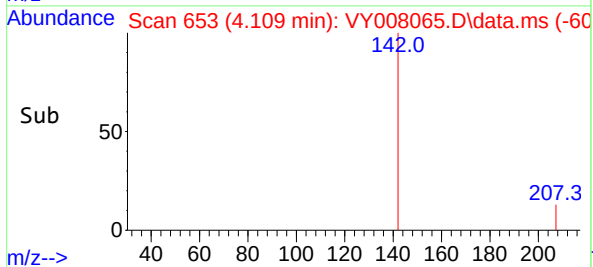
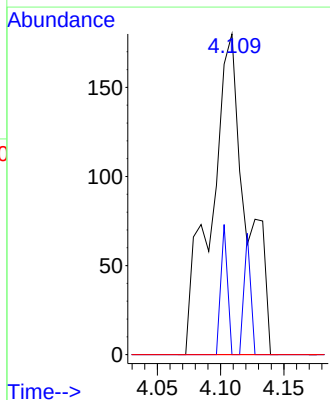
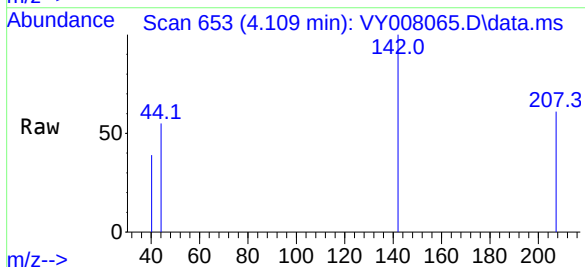
Instrument :
MSVOA_Y
ClientSampleId :
SB-14-4.0-5.0RE

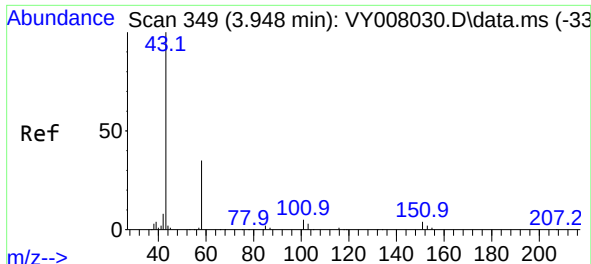
Tgt Ion:168 Resp: 42167
Ion Ratio Lower Upper
168 100
99 54.2 46.9 70.3



#10
Methyl Iodide
Concen: 2.293 ug/l
RT: 4.109 min Scan# 653
Delta R.T. 0.021 min
Lab File: VY008065.D
Acq: 28 Mar 2022 15:06

Tgt Ion:142 Resp: 348
Ion Ratio Lower Upper
142 100
127 7.8 41.5 62.3#
141 0.0 11.9 17.9#

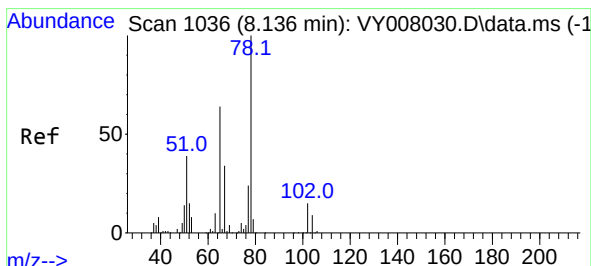
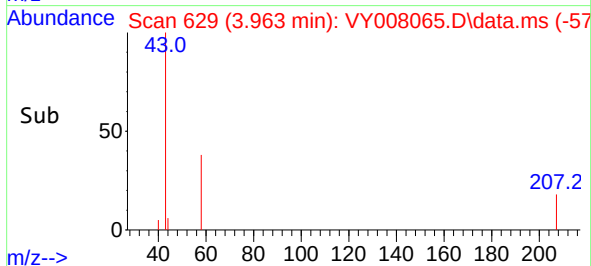
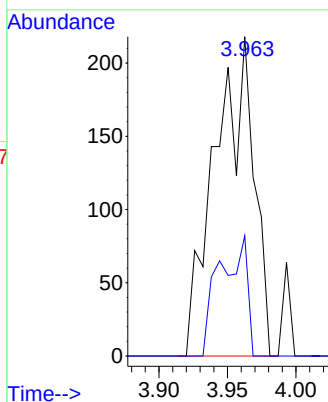
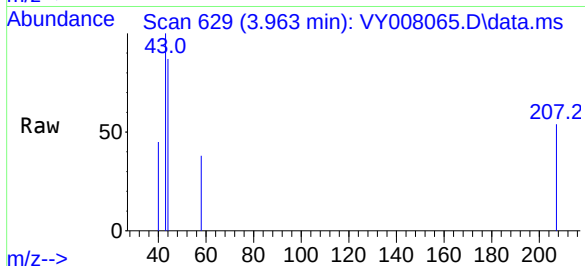




#16
Acetone
Concen: 4.436 ug/l
RT: 3.963 min Scan# 61
Delta R.T. 0.015 min
Lab File: VY008065.D
Acq: 28 Mar 2022 15:06

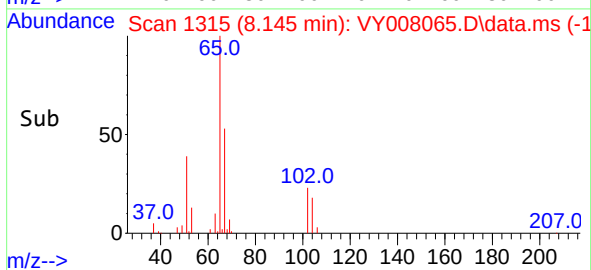
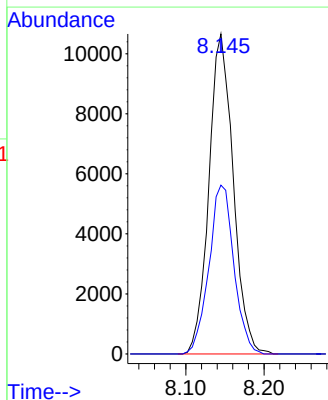
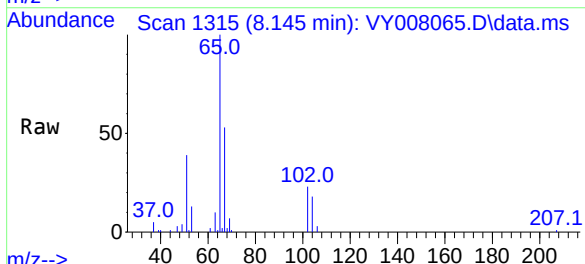
Instrument :
MSVOA_Y
ClientSampleId :
SB-14-4.0-5.0RE

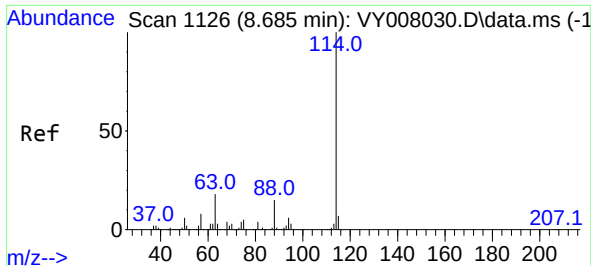
Tgt Ion: 43 Resp: 429
Ion Ratio Lower Upper
43 100
58 37.6 22.0 33.0#



#33
1,2-Dichloroethane-d4
Concen: 54.290 ug/l
RT: 8.145 min Scan# 1315
Delta R.T. 0.009 min
Lab File: VY008065.D
Acq: 28 Mar 2022 15:06

Tgt Ion: 65 Resp: 22968
Ion Ratio Lower Upper
65 100
67 54.2 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.693 min Scan# 1405

Delta R.T. 0.008 min

Lab File: VY008065.D

Acq: 28 Mar 2022 15:06

Instrument :

MSVOA_Y

ClientSampleId :

SB-14-4.0-5.0RE

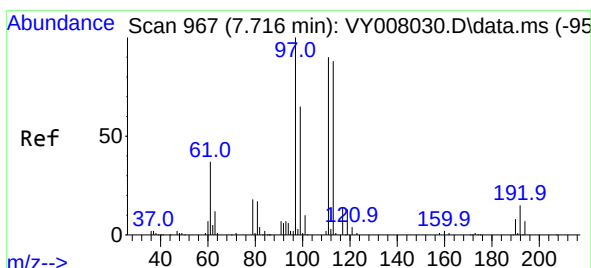
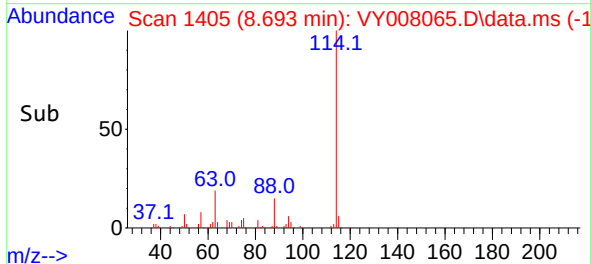
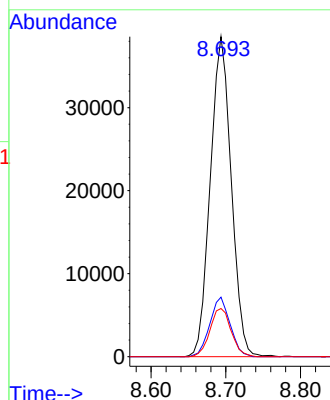
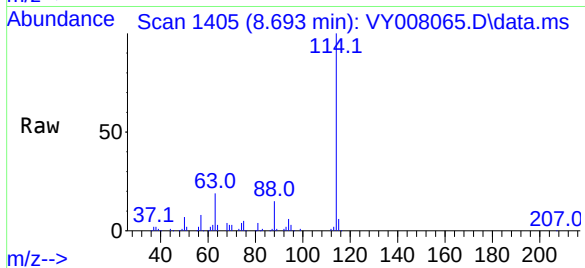
Tgt Ion:114 Resp: 75117

Ion Ratio Lower Upper

114 100

63 18.6 0.0 43.2

88 15.1 0.0 31.8



#35

Dibromofluoromethane

Concen: 49.709 ug/l

RT: 7.718 min Scan# 1245

Delta R.T. 0.002 min

Lab File: VY008065.D

Acq: 28 Mar 2022 15:06

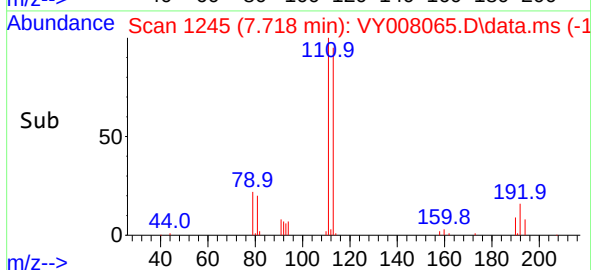
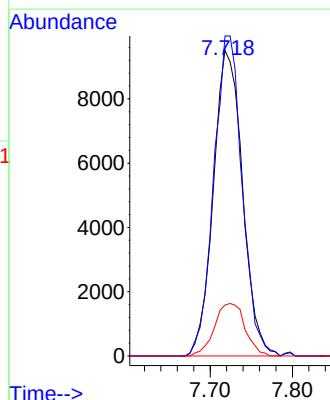
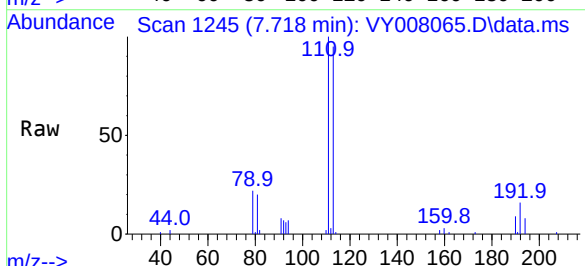
Tgt Ion:113 Resp: 23411

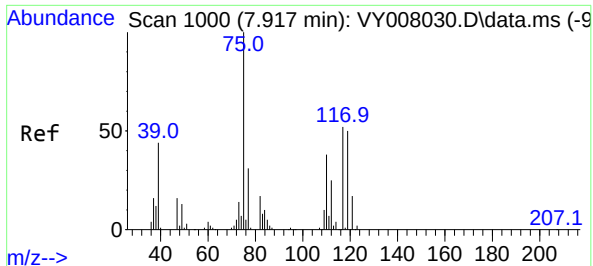
Ion Ratio Lower Upper

113 100

111 102.0 82.6 124.0

192 18.0 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.631 ug/l

RT: 7.797 min Scan# 11

Delta R.T. -0.120 min

Lab File: VY008065.D

Acq: 28 Mar 2022 15:06

Instrument :

MSVOA_Y

ClientSampleId :

SB-14-4.0-5.0RE

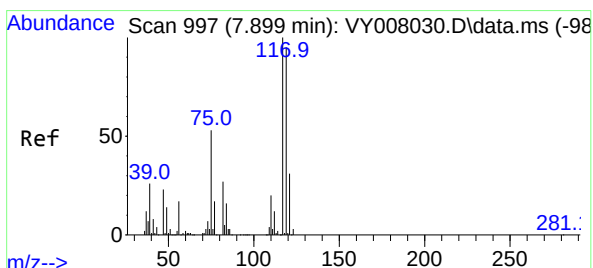
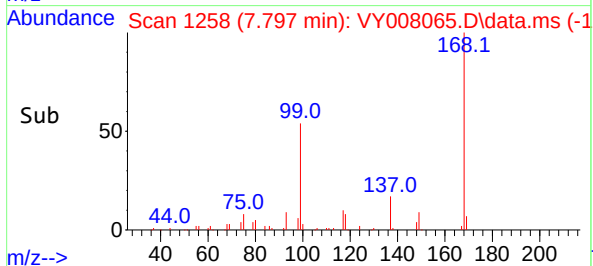
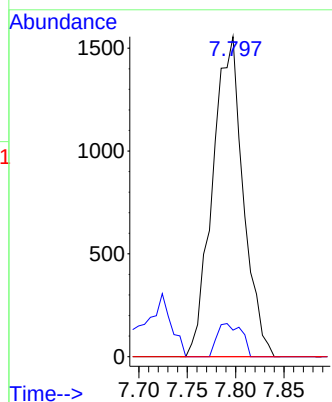
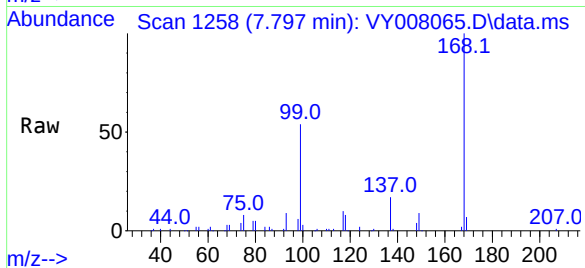
Tgt Ion: 75 Resp: 3426

Ion Ratio Lower Upper

75 100

110 8.3 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.202 ug/l

RT: 7.791 min Scan# 1257

Delta R.T. -0.108 min

Lab File: VY008065.D

Acq: 28 Mar 2022 15:06

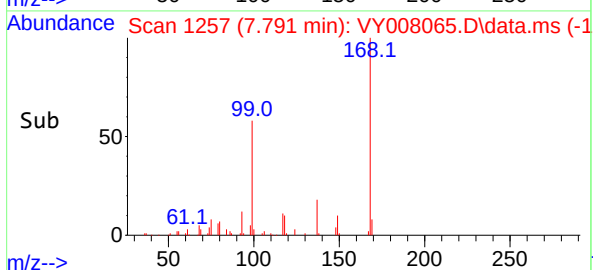
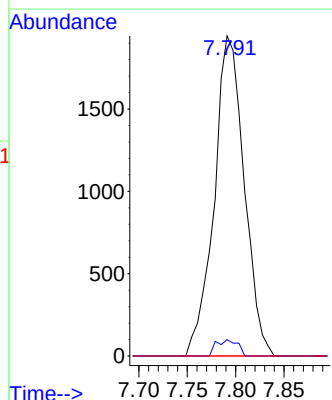
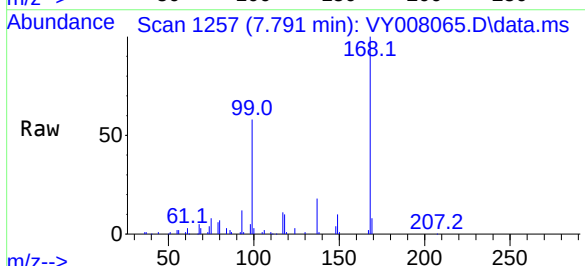
Tgt Ion: 117 Resp: 4194

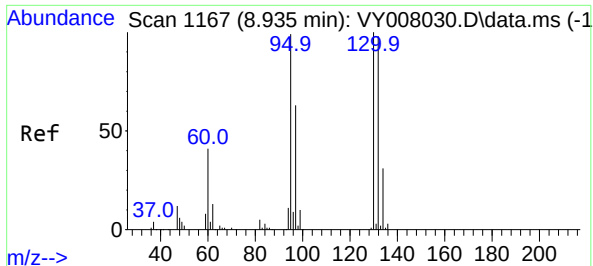
Ion Ratio Lower Upper

117 100

119 5.1 77.9 116.9#

121 0.0 24.8 37.2#

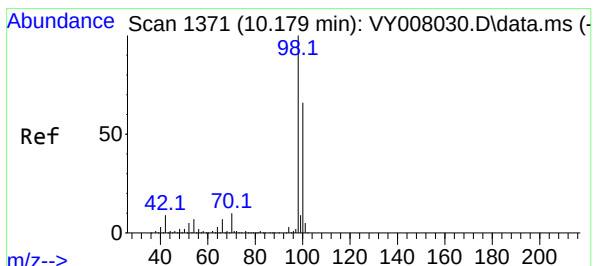
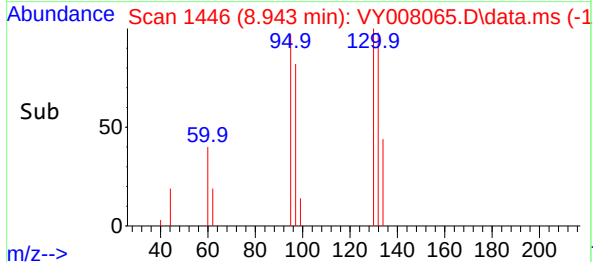
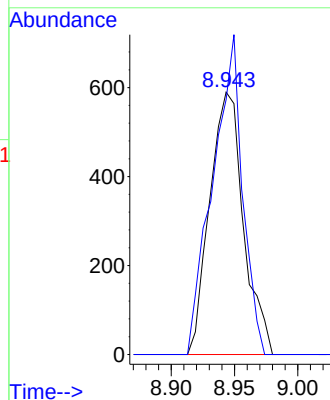
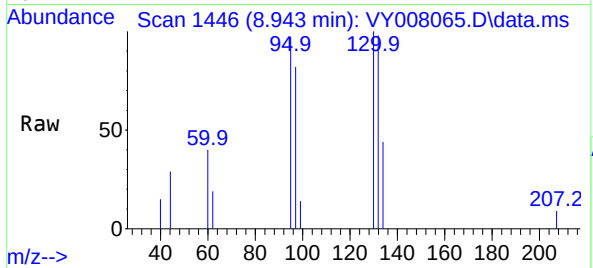




#44
Trichloroethene
Concen: 1.791 ug/l
RT: 8.943 min Scan# 14
Delta R.T. 0.008 min
Lab File: VY008065.D
Acq: 28 Mar 2022 15:06

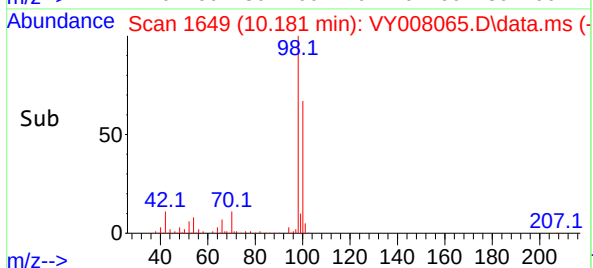
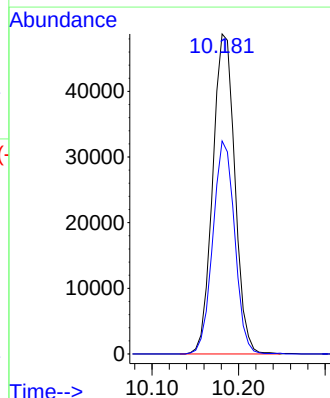
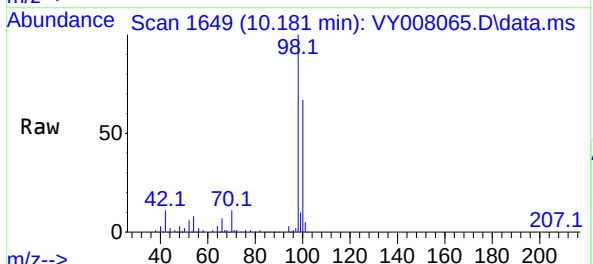
Instrument :
MSVOA_Y
ClientSampleId :
SB-14-4.0-5.0RE

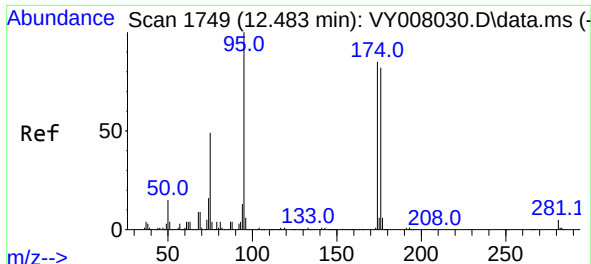
Tgt Ion:130 Resp: 1096
Ion Ratio Lower Upper
130 100
95 97.1 0.0 188.2



#50
Toluene-d8
Concen: 48.712 ug/l
RT: 10.181 min Scan# 1649
Delta R.T. 0.002 min
Lab File: VY008065.D
Acq: 28 Mar 2022 15:06

Tgt Ion: 98 Resp: 86432
Ion Ratio Lower Upper
98 100
100 65.6 50.2 75.2

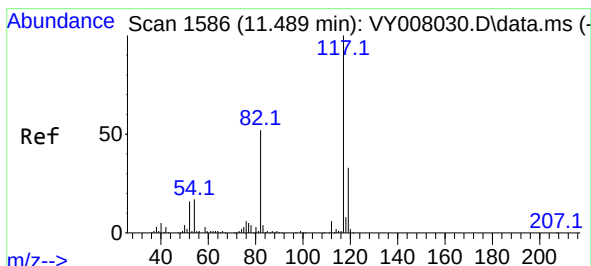
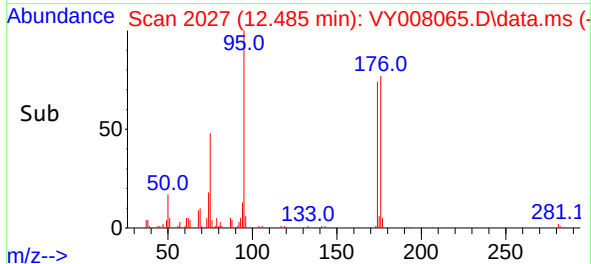
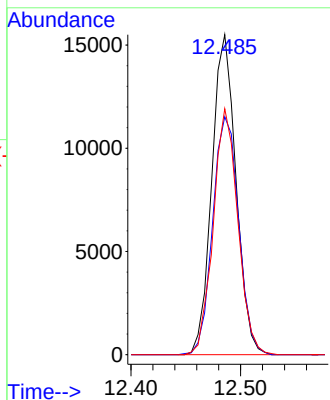
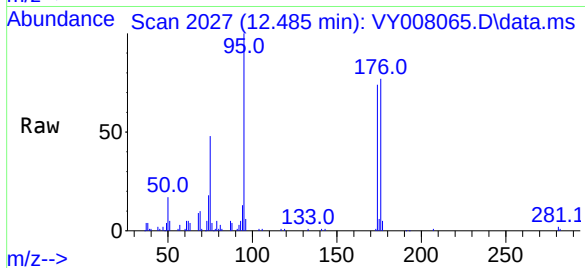




#62
4-Bromofluorobenzene
Concen: 37.927 ug/l
RT: 12.485 min Scan# 20
Delta R.T. 0.002 min
Lab File: VY008065.D
Acq: 28 Mar 2022 15:06

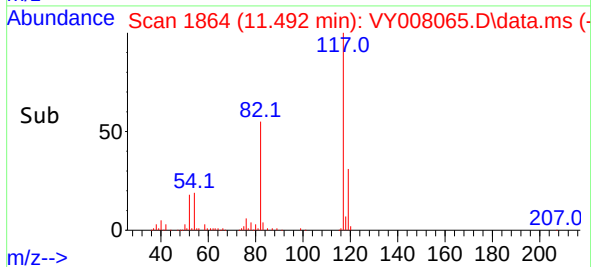
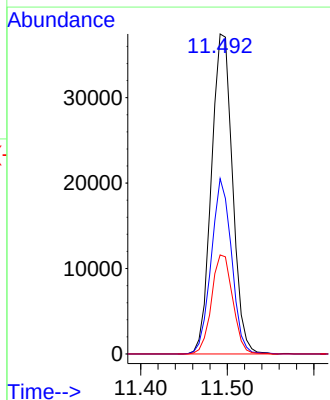
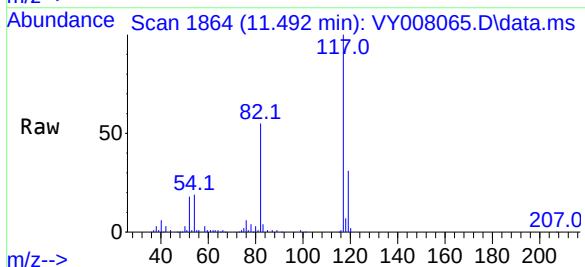
Instrument :
MSVOA_Y
ClientSampleId :
SB-14-4.0-5.0RE

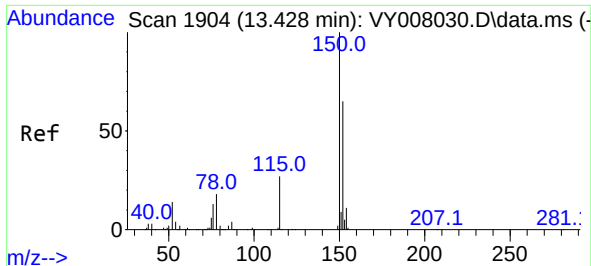
Tgt Ion: 95 Resp: 23742
Ion Ratio Lower Upper
95 100
174 80.0 0.0 177.0
176 78.0 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.492 min Scan# 1864
Delta R.T. 0.003 min
Lab File: VY008065.D
Acq: 28 Mar 2022 15:06

Tgt Ion: 117 Resp: 63385
Ion Ratio Lower Upper
117 100
82 54.8 43.0 64.4
119 31.0 25.4 38.0

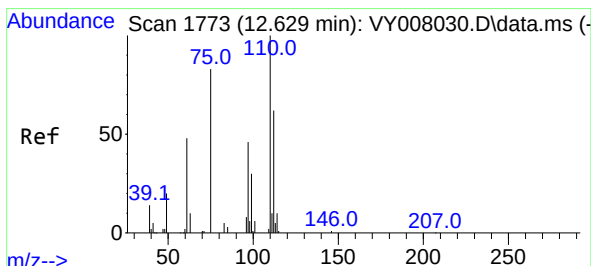
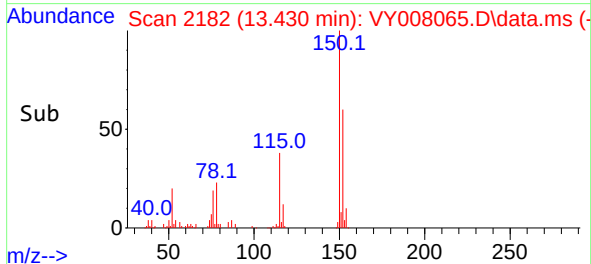
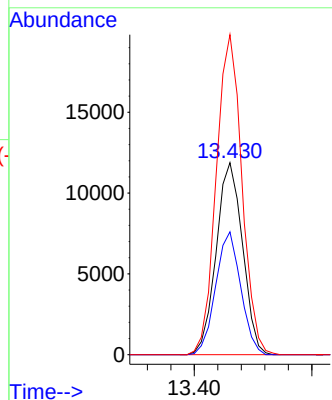
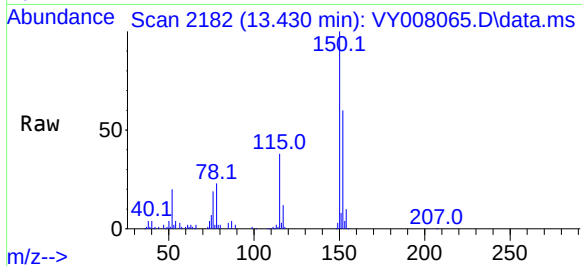




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.430 min Scan# 21
 Delta R.T. 0.002 min
 Lab File: VY008065.D
 Acq: 28 Mar 2022 15:06

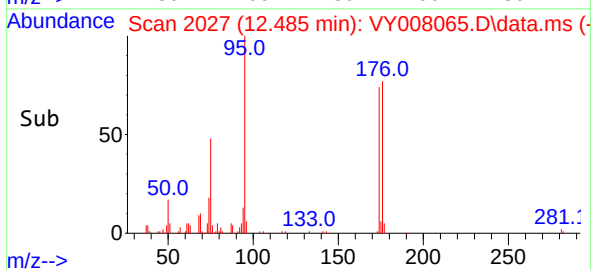
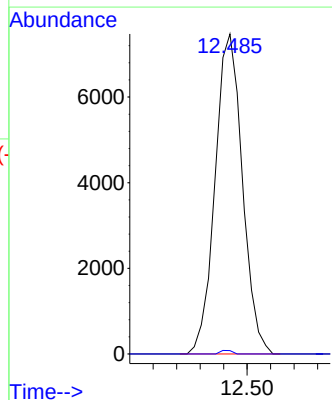
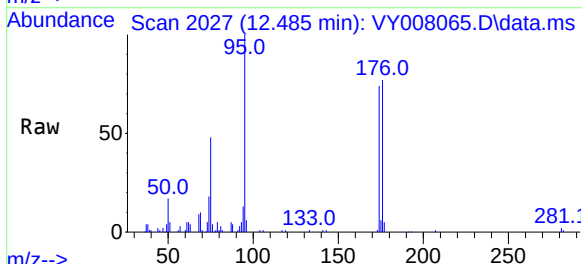
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-14-4.0-5.0RE

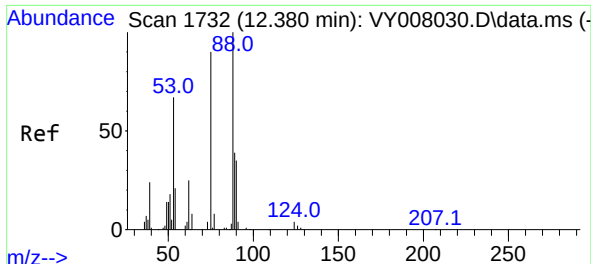
Tgt Ion:152 Resp: 18500
 Ion Ratio Lower Upper
 152 100
 115 60.9 28.2 84.7
 150 162.6 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 53.495 ug/l
 RT: 12.485 min Scan# 2027
 Delta R.T. -0.144 min
 Lab File: VY008065.D
 Acq: 28 Mar 2022 15:06

Tgt Ion: 75 Resp: 12064
 Ion Ratio Lower Upper
 75 100
 77 0.5 0.0 0.0#

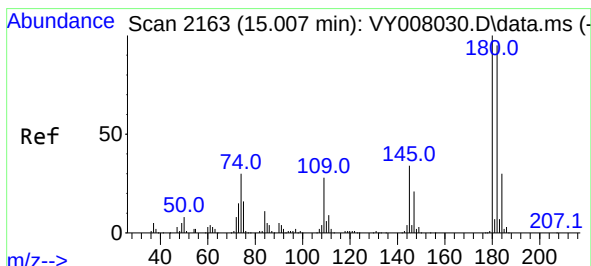
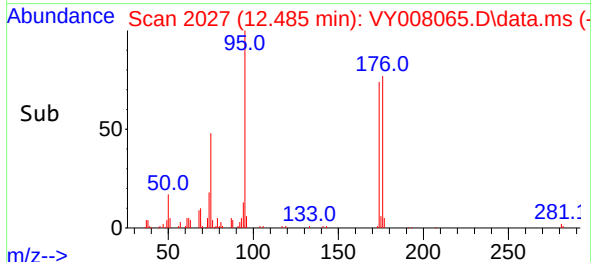
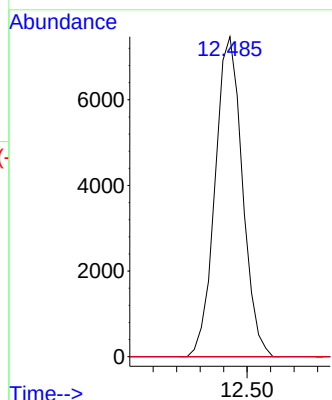
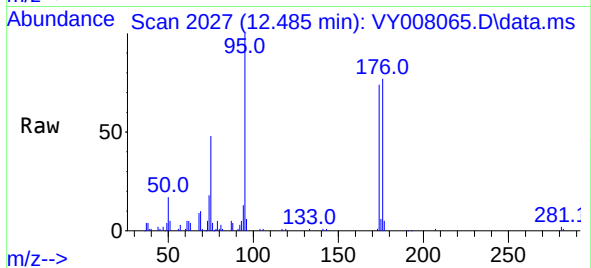




#81
trans-1,4-Dichloro-2-butene
Concen: 119.356 ug/l
RT: 12.485 min Scan# 2064
Delta R.T. 0.105 min
Lab File: VY008065.D
Acq: 28 Mar 2022 15:06

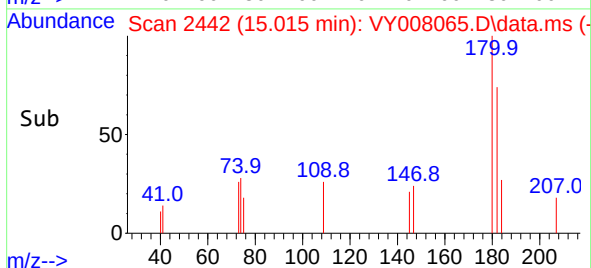
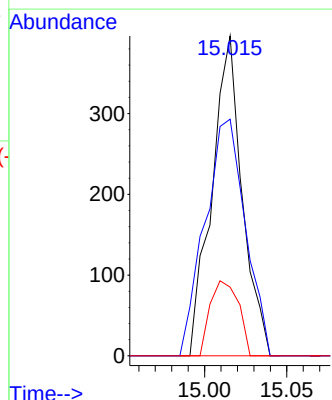
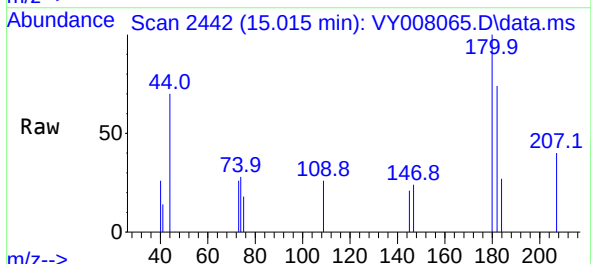
Instrument :
MSVOA_Y
ClientSampleId :
SB-14-4.0-5.0RE

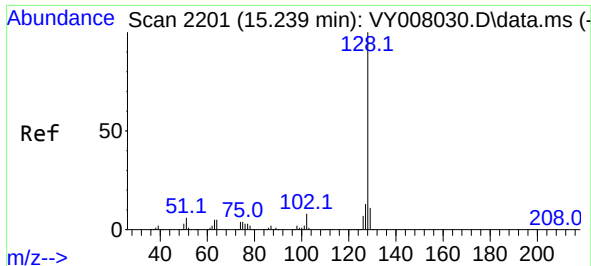
Tgt Ion: 75 Resp: 12064
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#



#93
1,2,4-Trichlorobenzene
Concen: 1.393 ug/l
RT: 15.015 min Scan# 2442
Delta R.T. 0.008 min
Lab File: VY008065.D
Acq: 28 Mar 2022 15:06

Tgt Ion:180 Resp: 510
Ion Ratio Lower Upper
180 100
182 98.0 47.3 141.9
145 22.0 14.6 43.8

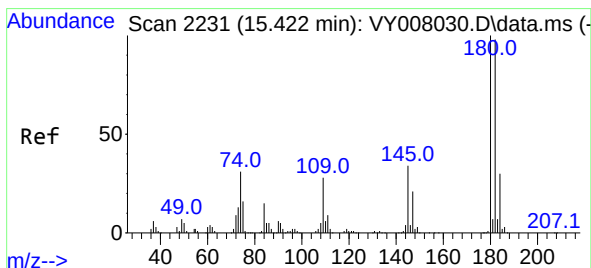
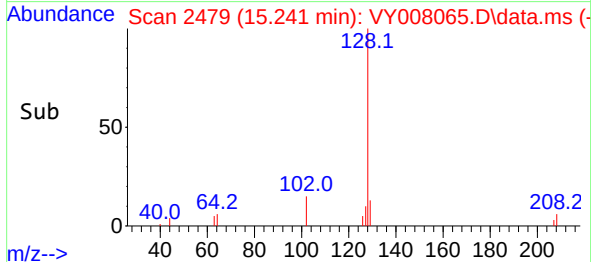
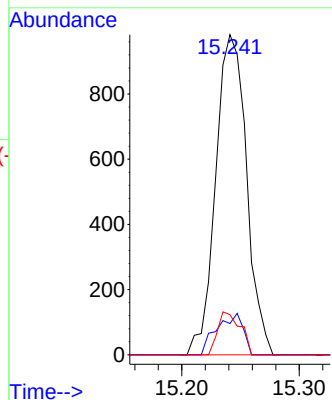
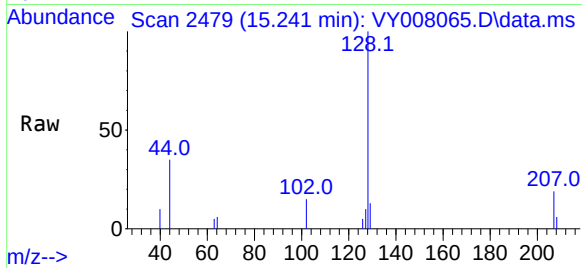




#95
Naphthalene
Concen: 2.215 ug/l
RT: 15.241 min Scan# 2479
Delta R.T. 0.002 min
Lab File: VY008065.D
Acq: 28 Mar 2022 15:06

Instrument :
MSVOA_Y
ClientSampleId :
SB-14-4.0-5.0RE

Tgt Ion:	128	Resp:	1793
Ion	Ratio	Lower	Upper
128	100		
127	11.0	11.0	16.4
129	9.9	8.4	12.6



#96
1,2,3-Trichlorobenzene
Concen: 1.884 ug/l
RT: 15.424 min Scan# 2509
Delta R.T. 0.002 min
Lab File: VY008065.D
Acq: 28 Mar 2022 15:06

Tgt Ion:	180	Resp:	597
Ion	Ratio	Lower	Upper
180	100		
182	75.5	47.3	141.9
145	18.3	15.3	45.9

