

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032822\
 Data File : VY008064.D
 Acq On : 28 Mar 2022 14:18
 Operator : SY/MD
 Sample : N2095-13RE
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-13-9.0-10.0RE

Quant Time: Mar 29 02:25:55 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)

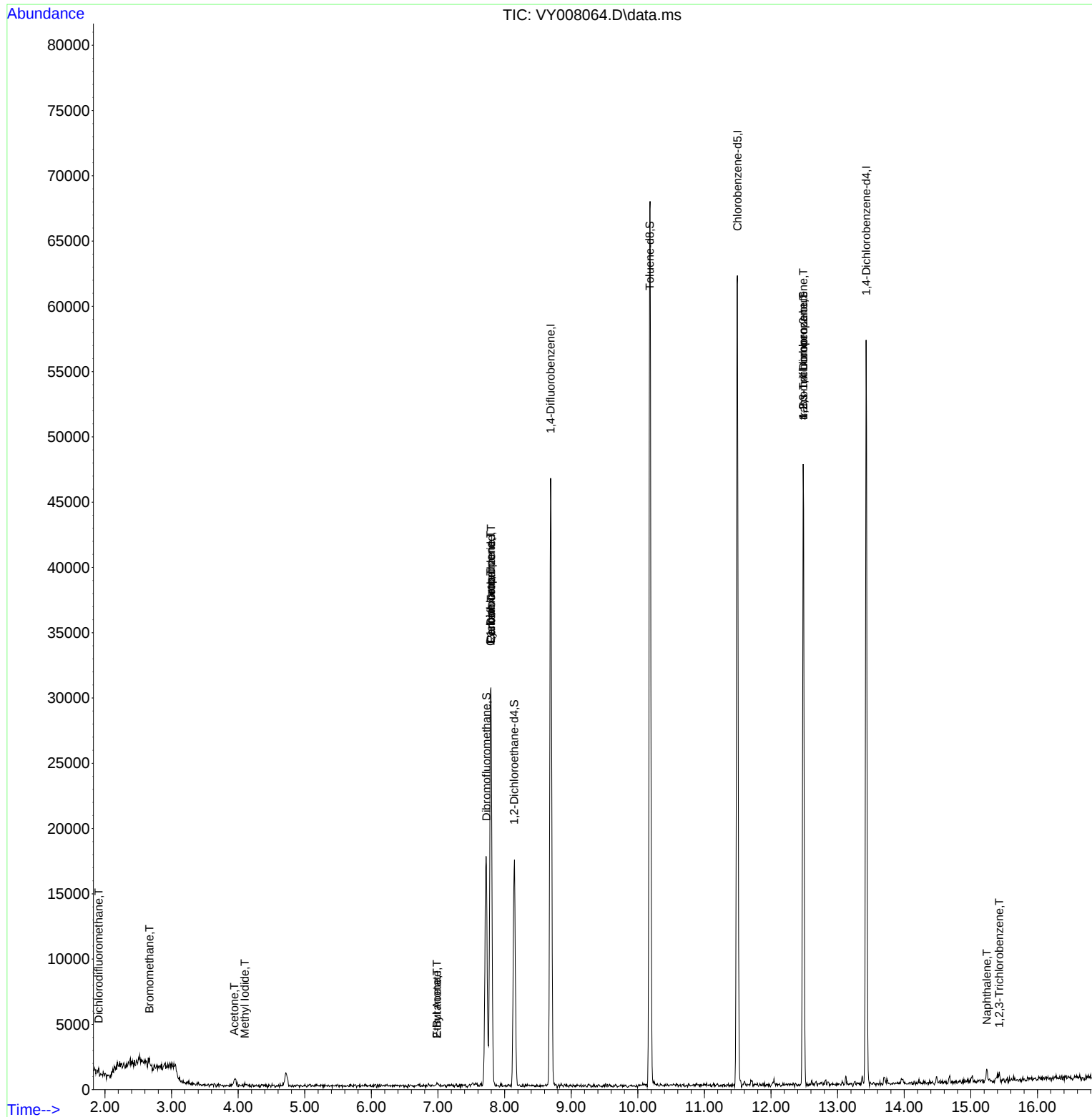
Internal Standards						
1) Pentafluorobenzene	7.795	168	24317	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	41810	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	36123	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	14356	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	13731	56.281	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 112.560%	
35) Dibromofluoromethane	7.728	113	13041	49.749	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 99.500%	
50) Toluene-d8	10.179	98	48098	48.702	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 97.400%	
62) 4-Bromofluorobenzene	12.483	95	14936	42.867	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 85.740%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.906	85	226	1.031	ug/l	91
5) Bromomethane	2.668	94	305	1.048	ug/l #	62
10) Methyl Iodide	4.101	142	327	2.668	ug/l #	41
16) Acetone	3.942	43	994	17.825	ug/l	90
20) Methylene Chloride	4.729	84	743	Below Cal	#	67
25) 2-Butanone	6.984	43	262	3.087	ug/l #	54
31) Cyclohexane	7.789	56	485	1.064	ug/l #	1
36) 1,1-Dichloropropene	7.789	75	1708	4.148	ug/l #	43
37) Ethyl Acetate	6.984	43	262	1.362	ug/l #	72
38) Carbon Tetrachloride	7.795	117	2532	5.643	ug/l #	18
76) 1,2,3-Trichloropropane	12.483	75	7947	45.411	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	7947	101.320	ug/l #	7
95) Naphthalene	15.239	128	1061	1.689	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	310	1.261	ug/l #	72

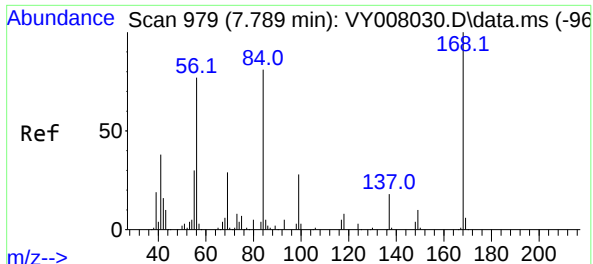
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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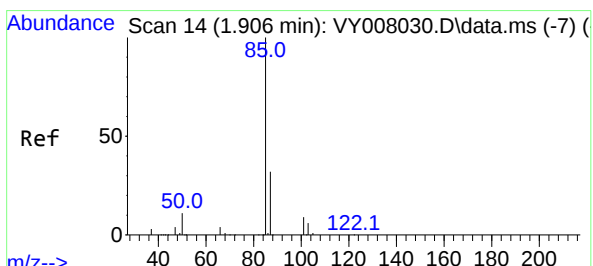
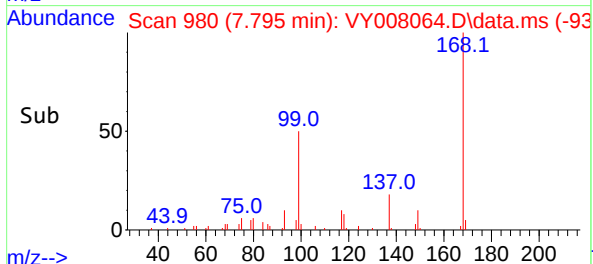
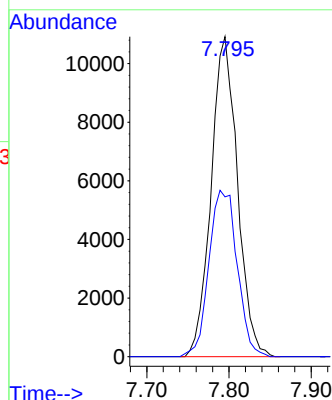
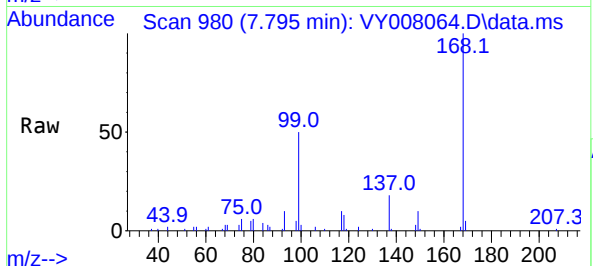




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008064.D
Acq: 28 Mar 2022 14:18

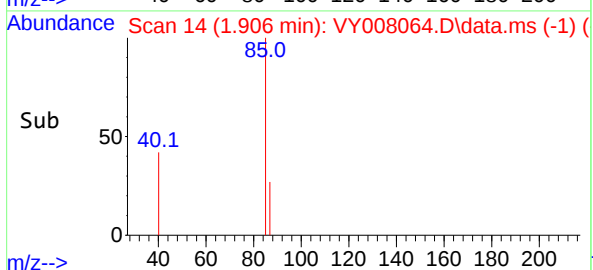
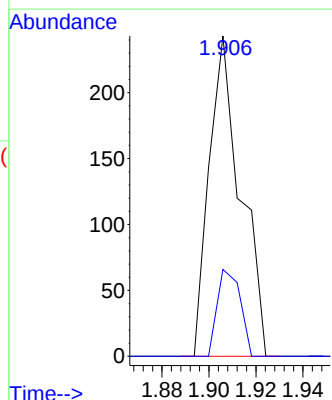
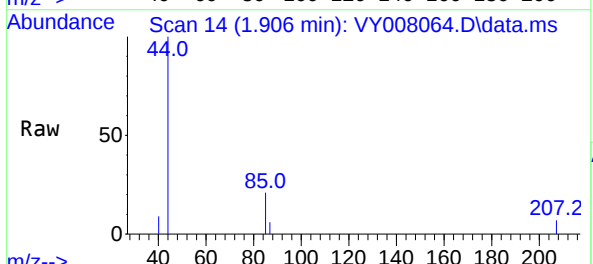
Instrument :
MSVOA_Y
ClientSampleId :
SB-13-9.0-10.0RE

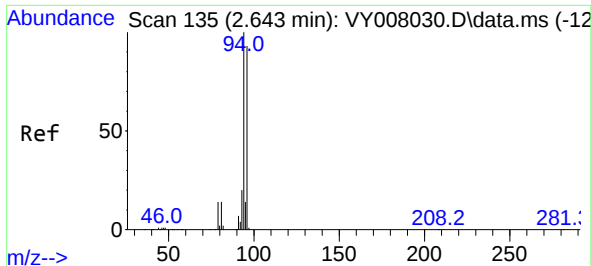
Tgt Ion:168 Resp: 24317
Ion Ratio Lower Upper
168 100
99 50.0 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 1.031 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY008064.D
Acq: 28 Mar 2022 14:18

Tgt Ion: 85 Resp: 226
Ion Ratio Lower Upper
85 100
87 27.2 16.1 48.2

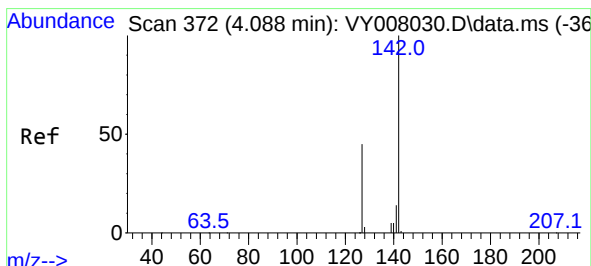
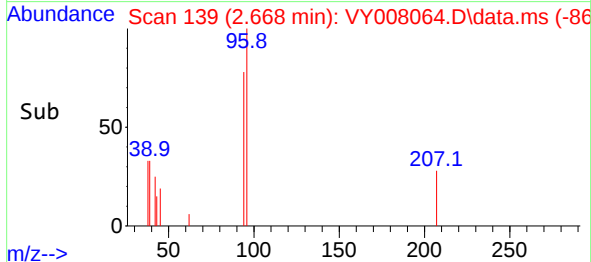
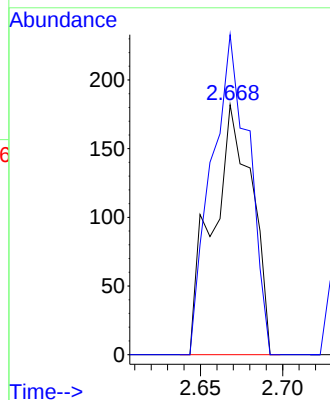
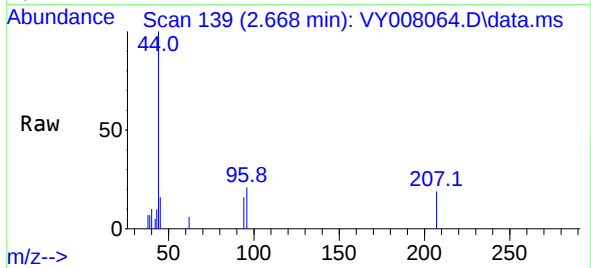




#5
Bromomethane
Concen: 1.048 ug/l
RT: 2.668 min Scan# 11
Delta R.T. 0.025 min
Lab File: VY008064.D
Acq: 28 Mar 2022 14:18

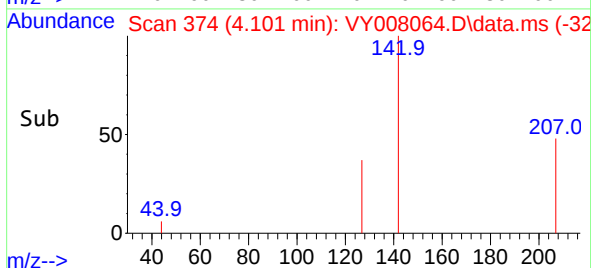
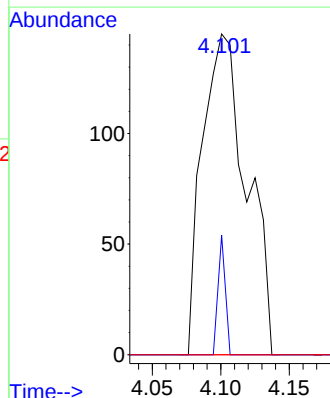
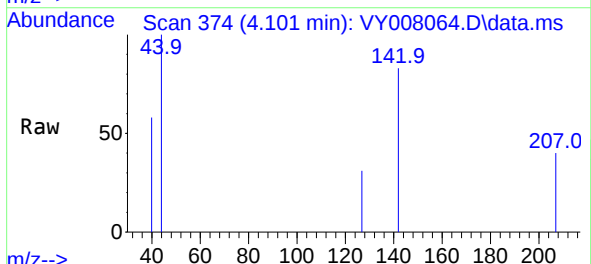
Instrument :
MSVOA_Y
ClientSampleId :
SB-13-9.0-10.0RE

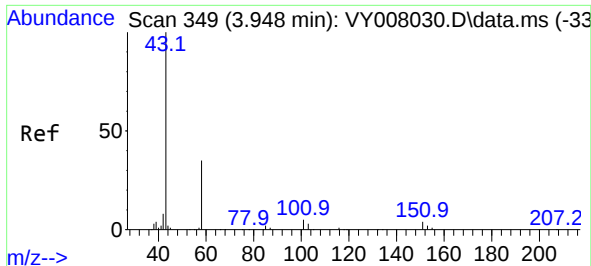
Tgt Ion: 94 Resp: 305
Ion Ratio Lower Upper
94 100
96 128.0 73.5 110.3#



#10
Methyl Iodide
Concen: 2.668 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.013 min
Lab File: VY008064.D
Acq: 28 Mar 2022 14:18

Tgt Ion: 142 Resp: 327
Ion Ratio Lower Upper
142 100
127 6.1 41.5 62.3#
141 0.0 11.9 17.9#

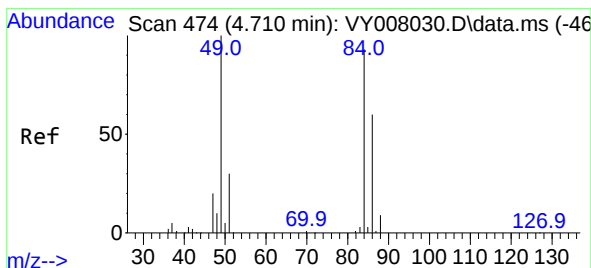
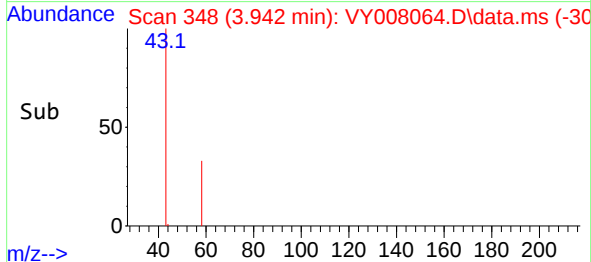
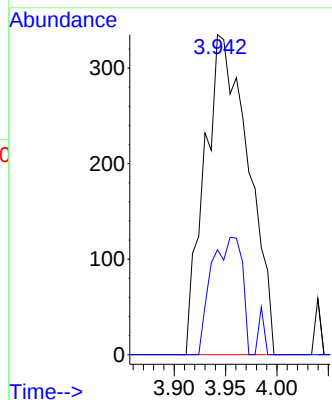
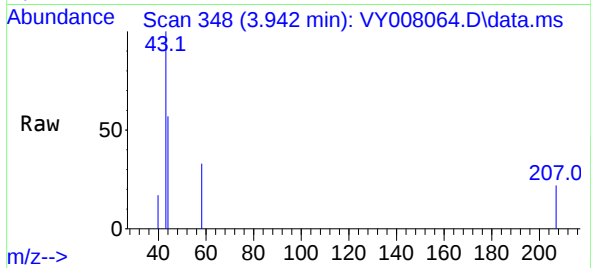




#16
Acetone
Concen: 17.825 ug/l
RT: 3.942 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY008064.D
Acq: 28 Mar 2022 14:18

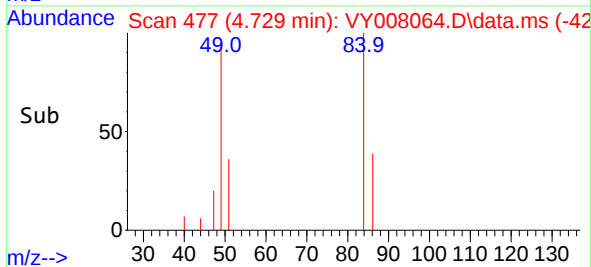
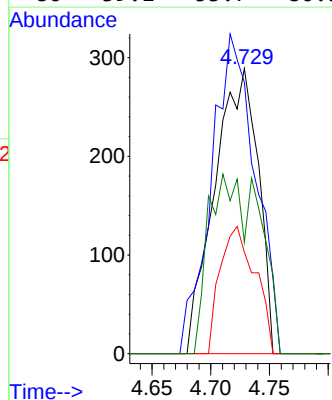
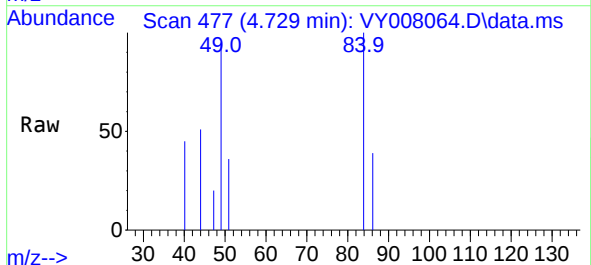
Instrument :
MSVOA_Y
ClientSampleId :
SB-13-9.0-10.0RE

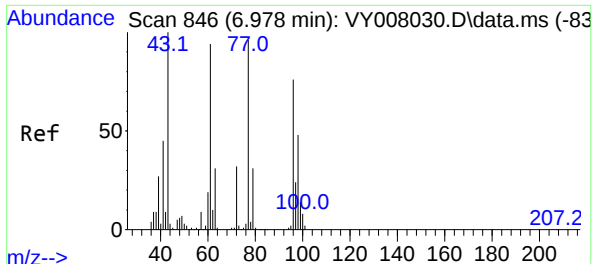
Tgt Ion: 43 Resp: 994
Ion Ratio Lower Upper
43 100
58 32.8 22.0 33.0



#20
Methylene Chloride
Concen: Below Cal
RT: 4.729 min Scan# 477
Delta R.T. 0.019 min
Lab File: VY008064.D
Acq: 28 Mar 2022 14:18

Tgt Ion: 84 Resp: 743
Ion Ratio Lower Upper
84 100
49 95.2 114.4 171.6#
51 35.6 35.3 52.9
86 39.1 53.7 80.5#





#25

2-Butanone

Concen: 3.087 ug/l

RT: 6.984 min Scan# 846

Delta R.T. 0.006 min

Lab File: VY008064.D

Acq: 28 Mar 2022 14:18

Instrument :

MSVOA_Y

ClientSampleId :

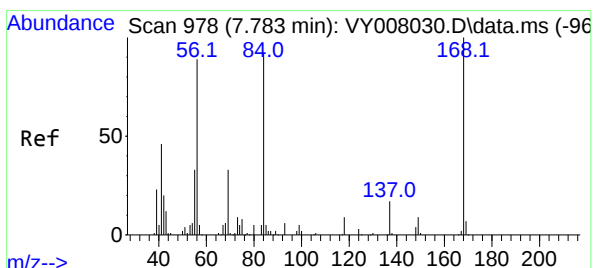
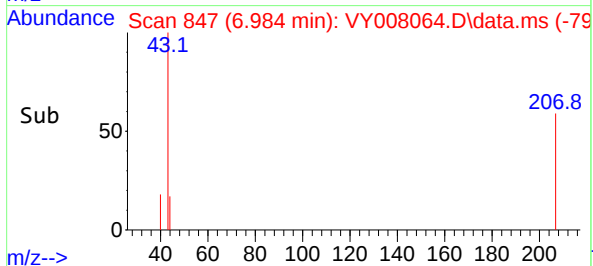
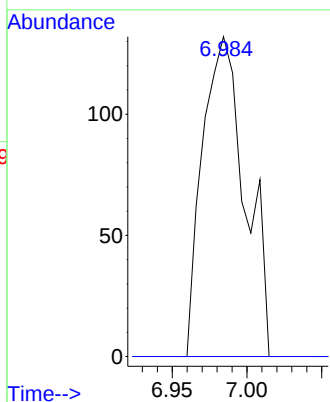
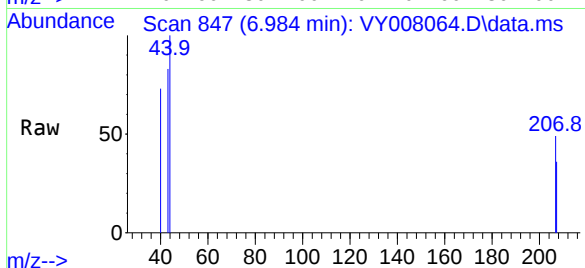
SB-13-9.0-10.0RE

Tgt Ion: 43 Resp: 262

Ion Ratio Lower Upper

43 100

72 0.0 17.7 26.5#



#31

Cyclohexane

Concen: 1.064 ug/l

RT: 7.789 min Scan# 979

Delta R.T. 0.006 min

Lab File: VY008064.D

Acq: 28 Mar 2022 14:18

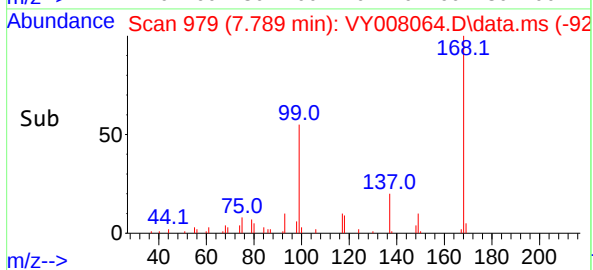
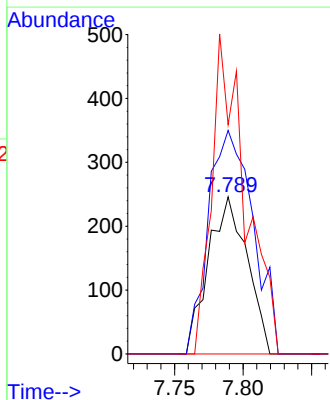
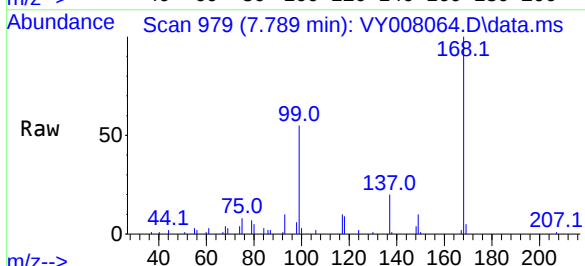
Tgt Ion: 56 Resp: 485

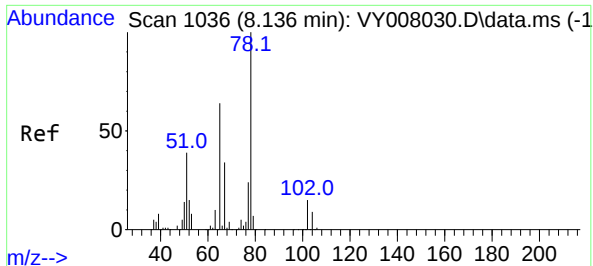
Ion Ratio Lower Upper

56 100

69 142.3 26.7 40.1#

84 145.9 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 56.281 ug/l

RT: 8.143 min Scan# 1036

Delta R.T. 0.007 min

Lab File: VY008064.D

Acq: 28 Mar 2022 14:18

Instrument :

MSVOA_Y

ClientSampleId :

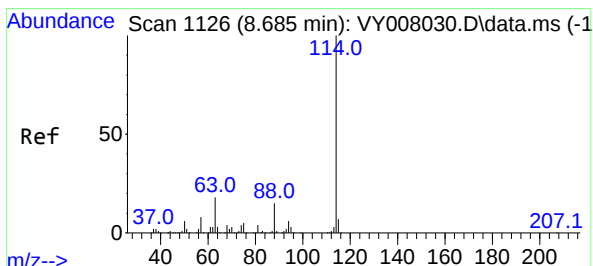
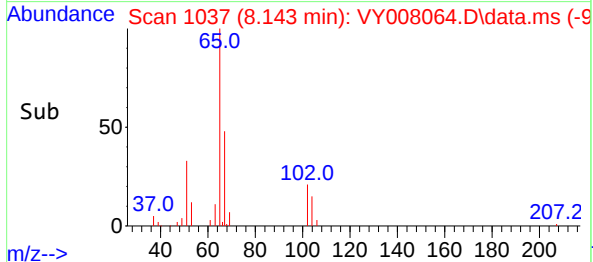
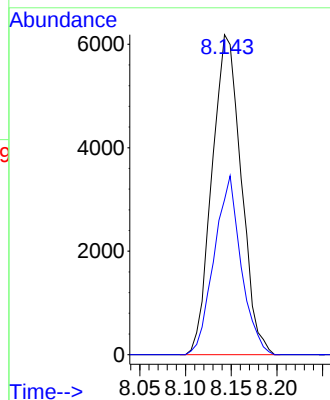
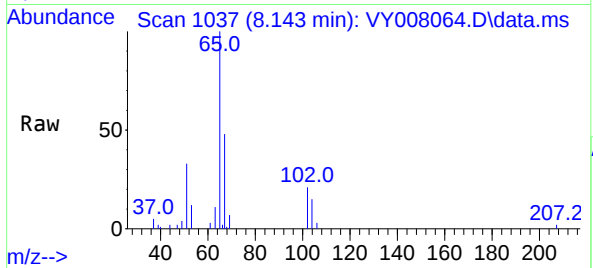
SB-13-9.0-10.0RE

Tgt Ion: 65 Resp: 13731

Ion Ratio Lower Upper

65 100

67 51.7 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: VY008064.D

Acq: 28 Mar 2022 14:18

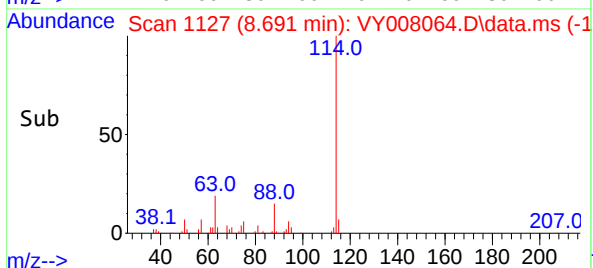
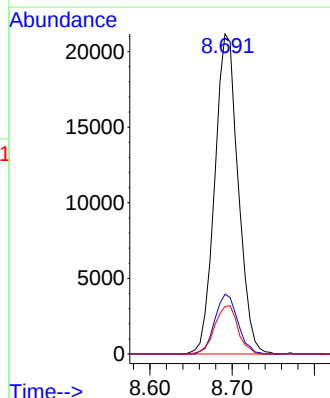
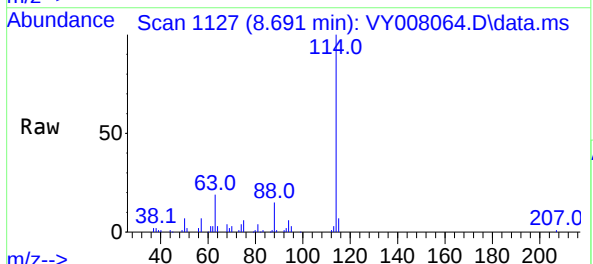
Tgt Ion: 114 Resp: 41810

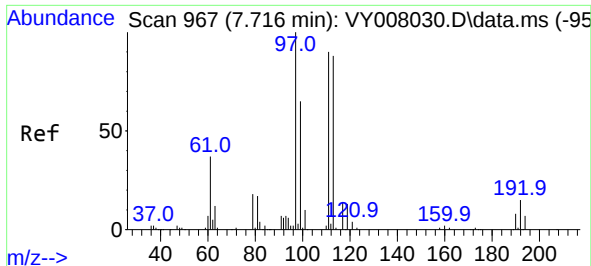
Ion Ratio Lower Upper

114 100

63 18.6 0.0 43.2

88 14.9 0.0 31.8

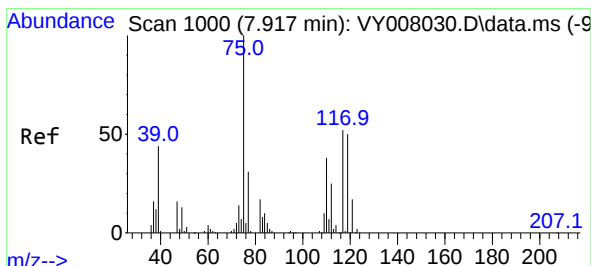
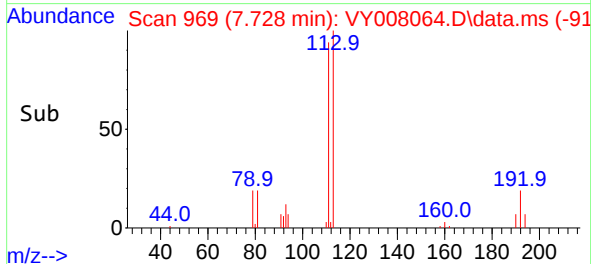
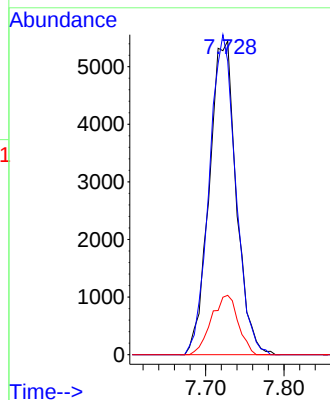
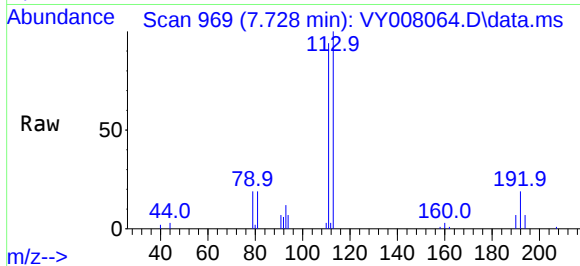




#35
Dibromofluoromethane
Concen: 49.749 ug/l
RT: 7.728 min Scan# 911
Delta R.T. 0.012 min
Lab File: VY008064.D
Acq: 28 Mar 2022 14:18

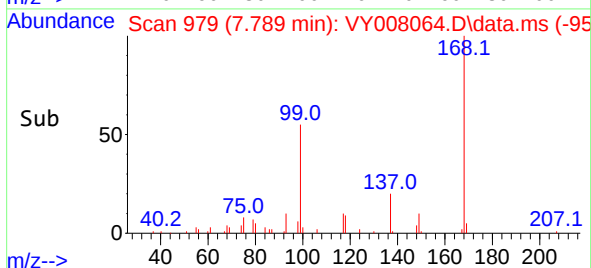
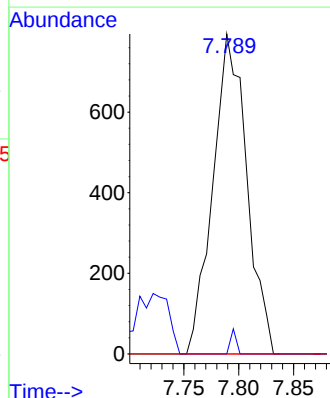
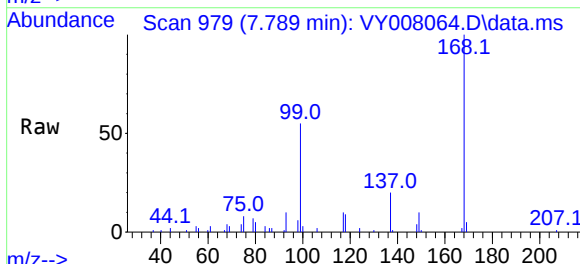
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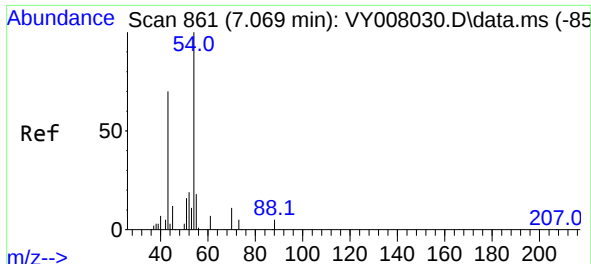
Tgt Ion:113 Resp: 13041
Ion Ratio Lower Upper
113 100
111 99.9 82.6 124.0
192 18.8 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.148 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.128 min
Lab File: VY008064.D
Acq: 28 Mar 2022 14:18

Tgt Ion: 75 Resp: 1708
Ion Ratio Lower Upper
75 100
110 1.3 17.1 51.2#
77 0.0 24.4 36.6#

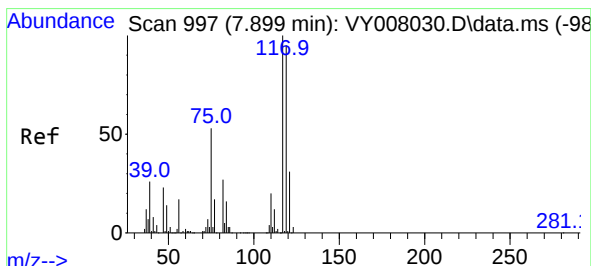
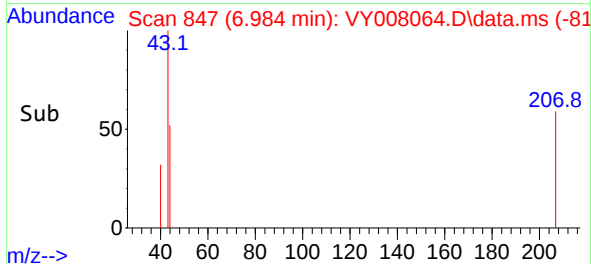
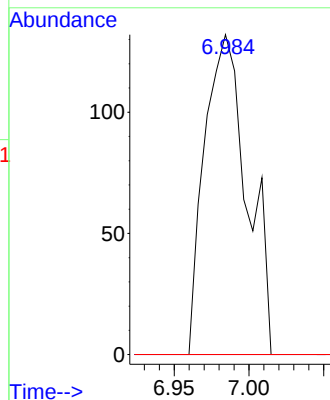
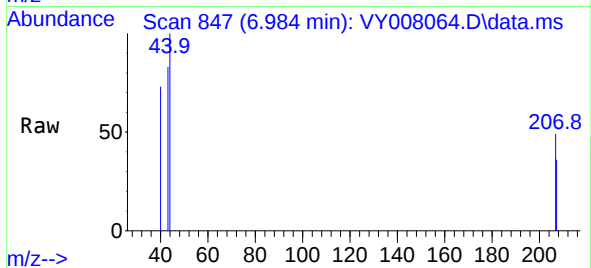




#37
Ethyl Acetate
Concen: 1.362 ug/l
RT: 6.984 min Scan# 84
Delta R.T. -0.085 min
Lab File: VY008064.D
Acq: 28 Mar 2022 14:18

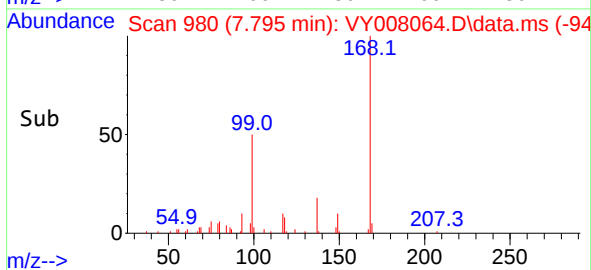
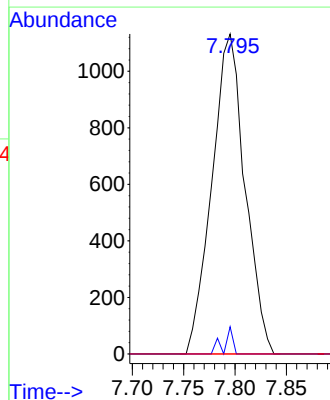
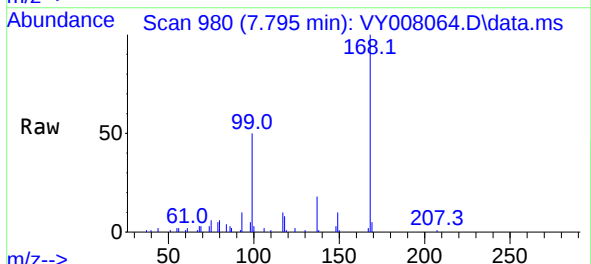
Instrument :
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SB-13-9.0-10.0RE

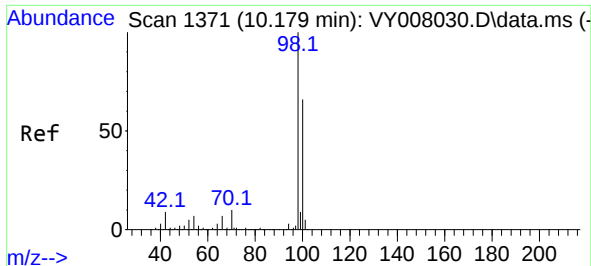
Tgt Ion: 43 Resp: 262
Ion Ratio Lower Upper
43 100
61 0.0 9.7 14.5#
70 0.0 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 5.643 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.104 min
Lab File: VY008064.D
Acq: 28 Mar 2022 14:18

Tgt Ion: 117 Resp: 2532
Ion Ratio Lower Upper
117 100
119 8.5 77.9 116.9#
121 0.0 24.8 37.2#

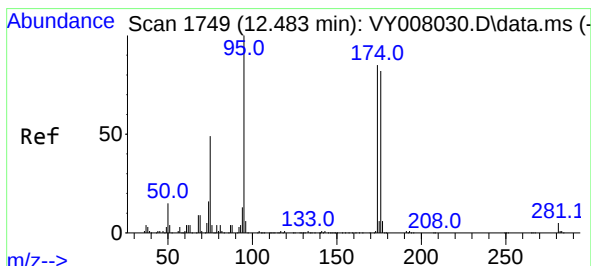
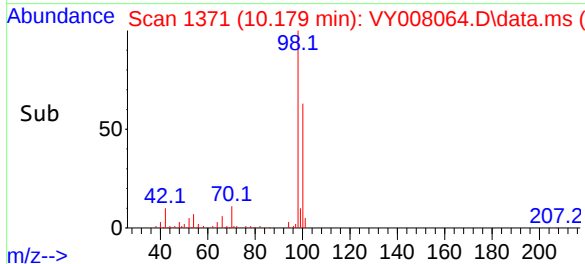
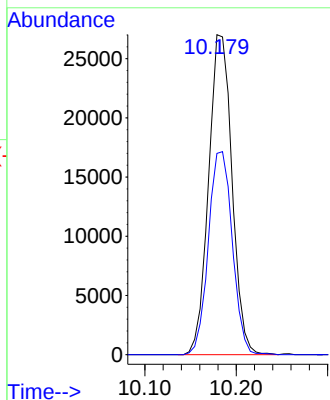
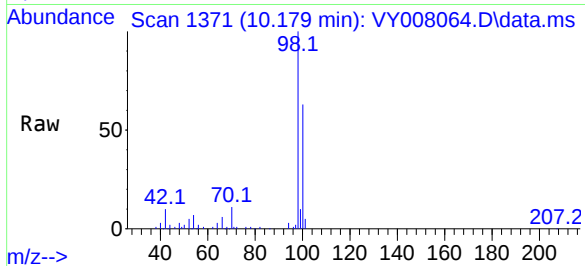




#50
Toluene-d8
Concen: 48.702 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008064.D
Acq: 28 Mar 2022 14:18

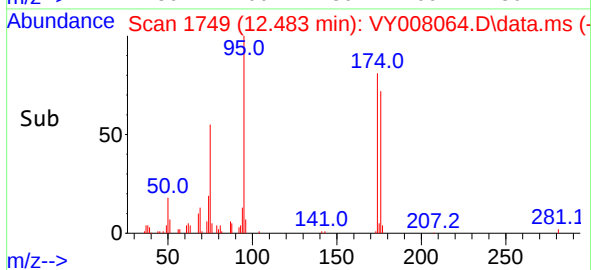
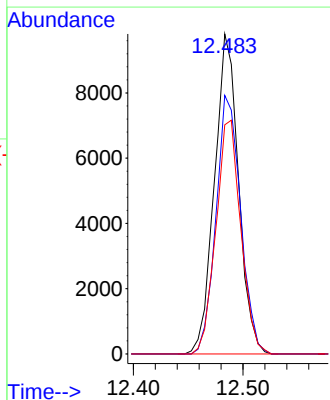
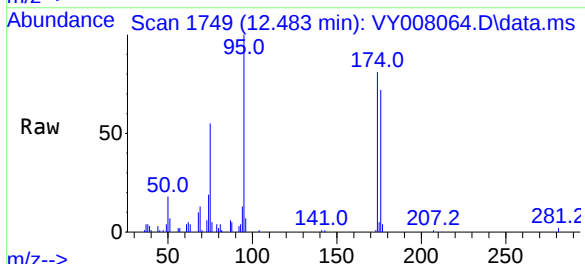
Instrument :
MSVOA_Y
ClientSampleId :
SB-13-9.0-10.0RE

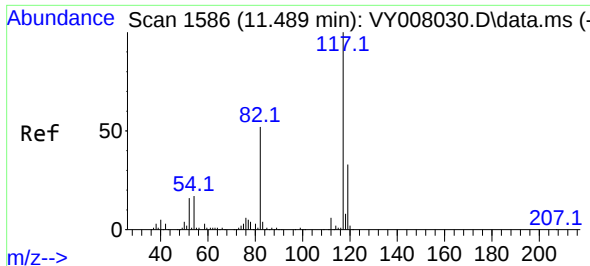
Tgt Ion: 98 Resp: 48098
Ion Ratio Lower Upper
98 100
100 64.8 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 42.867 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008064.D
Acq: 28 Mar 2022 14:18

Tgt Ion: 95 Resp: 14936
Ion Ratio Lower Upper
95 100
174 82.7 0.0 177.0
176 75.8 0.0 175.8

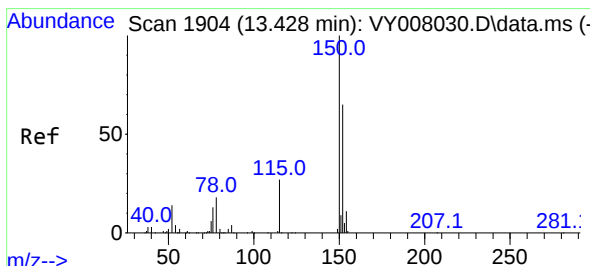
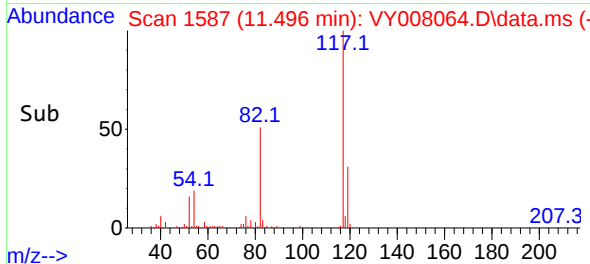
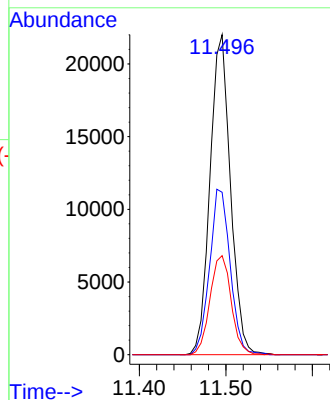
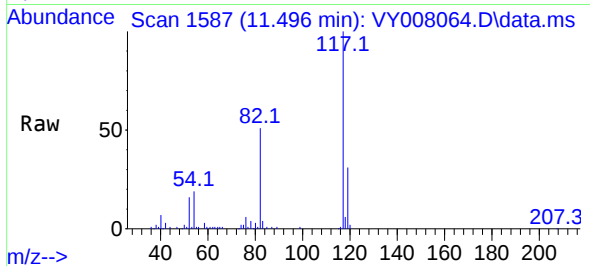




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 117
Delta R.T. 0.007 min
Lab File: VY008064.D
Acq: 28 Mar 2022 14:18

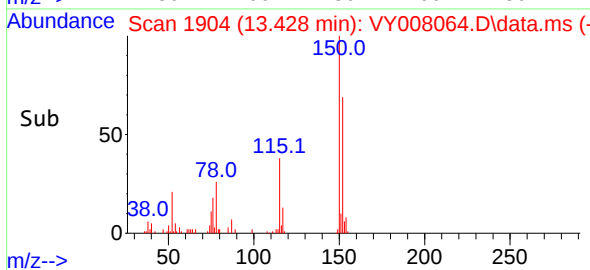
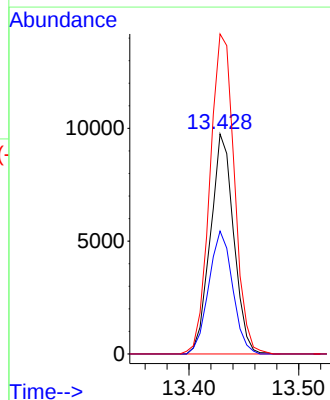
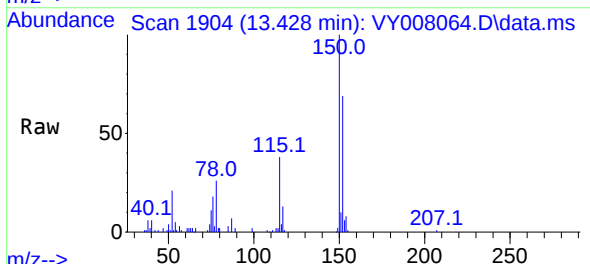
Instrument :
MSVOA_Y
ClientSampleId :
SB-13-9.0-10.0RE

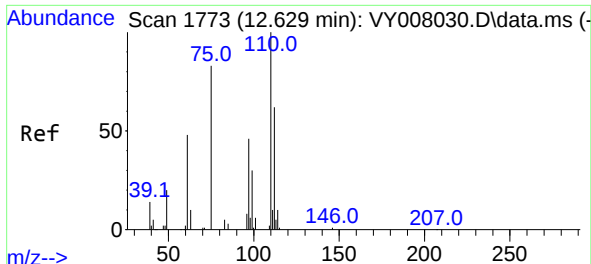
Tgt Ion:	117	Resp:	36123
Ion	Ratio	Lower	Upper
117	100		
82	50.8	43.0	64.4
119	30.9	25.4	38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008064.D
Acq: 28 Mar 2022 14:18

Tgt Ion:	152	Resp:	14356
Ion	Ratio	Lower	Upper
152	100		
115	57.3	28.2	84.7
150	153.1	0.0	347.6

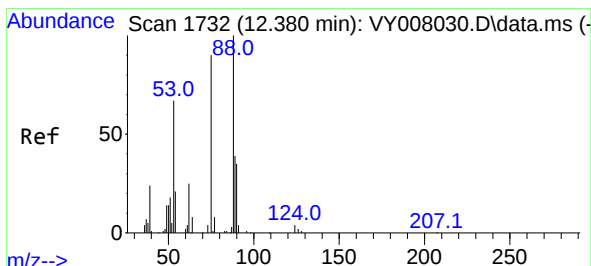
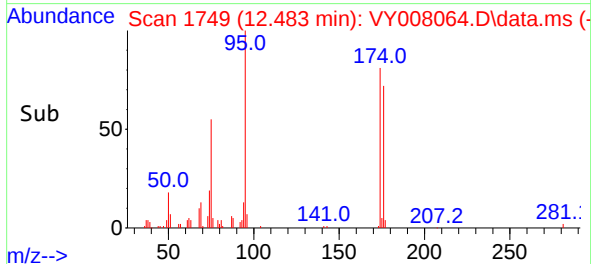
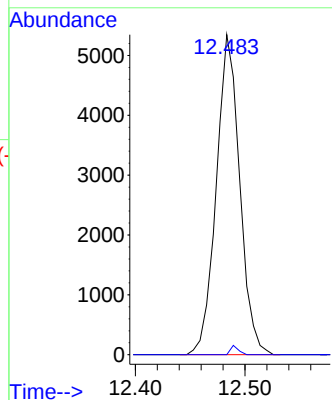
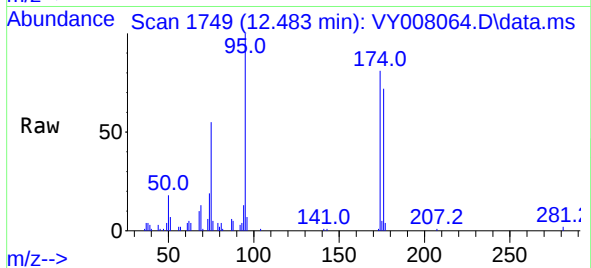




#76
1,2,3-Trichloropropane
Concen: 45.411 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.146 min
Lab File: VY008064.D
Acq: 28 Mar 2022 14:18

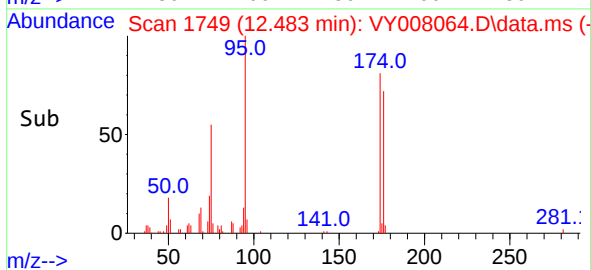
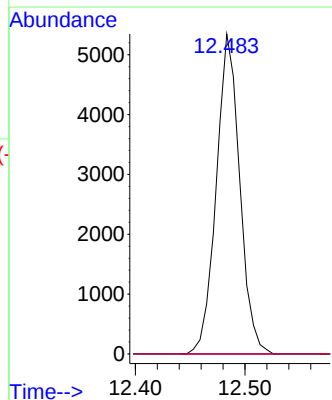
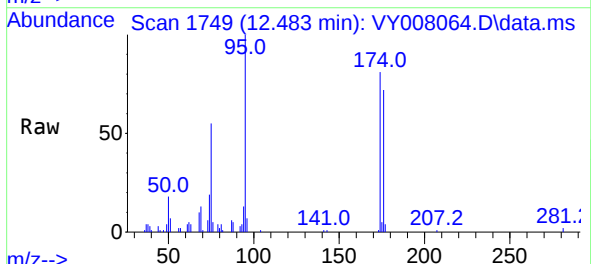
Instrument :
MSVOA_Y
ClientSampleId :
SB-13-9.0-10.0RE

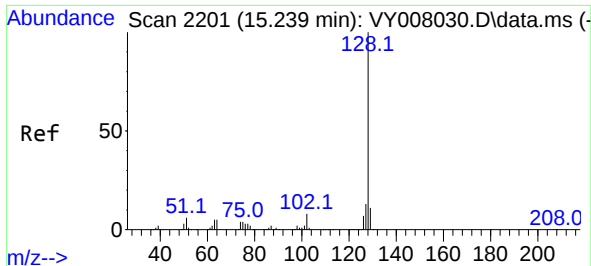
Tgt Ion: 75 Resp: 7947
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 101.320 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY008064.D
Acq: 28 Mar 2022 14:18

Tgt Ion: 75 Resp: 7947
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

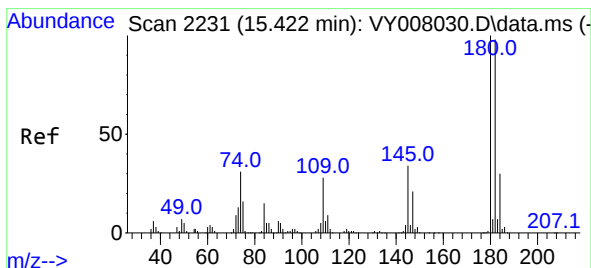
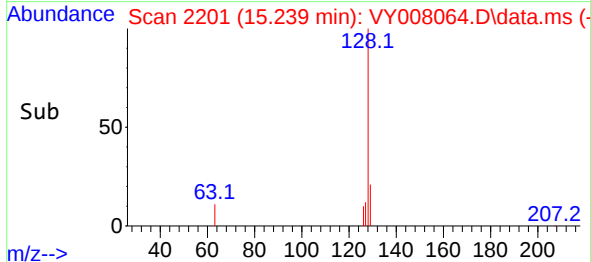
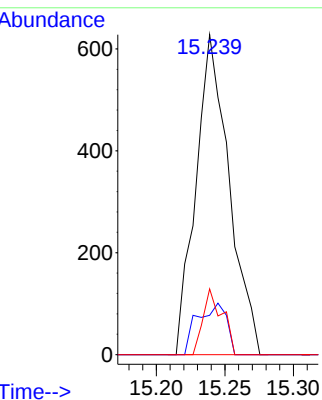
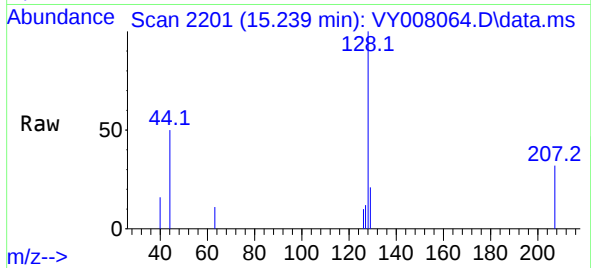




#95
Naphthalene
Concen: 1.689 ug/l
RT: 15.239 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY008064.D
Acq: 28 Mar 2022 14:18

Instrument :
MSVOA_Y
ClientSampleId :
SB-13-9.0-10.0RE

Tgt Ion:128	Resp:	1061
Ion	Ratio	Lower Upper
128	100	
127	13.9	11.0 16.4
129	12.0	8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 1.261 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. 0.006 min
Lab File: VY008064.D
Acq: 28 Mar 2022 14:18

Tgt Ion:180	Resp:	310
Ion	Ratio	Lower Upper
180	100	
182	76.1	47.3 141.9
145	0.0	15.3 45.9#

