

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091522\
 Data File : VY010515.D
 Acq On : 15 Sep 2022 16:49
 Operator : KP/MD
 Sample : N4597-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-01-7.5-8.0

Quant Time: Sep 16 02:56:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090922S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 09 17:08:30 2022
 Response via : Initial Calibration

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

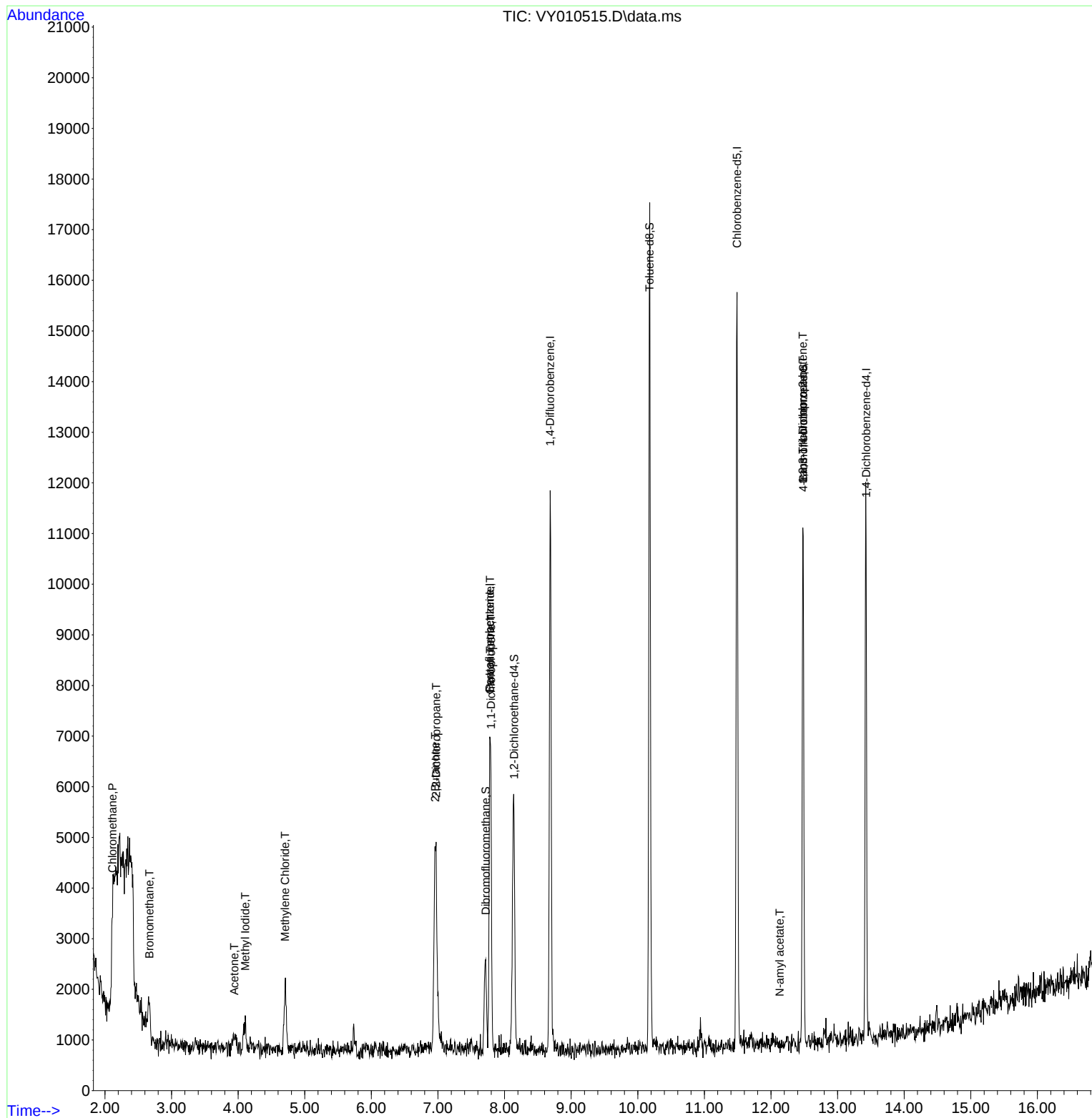
Internal Standards						
1) Pentafluorobenzene	7.777	168	5680	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	9347	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	8959	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	3043	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	3711	64.870	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 129.740%	
35) Dibromofluoromethane	7.716	113	1522	22.928	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 45.860%#	
50) Toluene-d8	10.179	98	10925	50.780	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.560%	
62) 4-Bromofluorobenzene	12.483	95	3406	38.528	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 77.060%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	352	5.516	ug/l #	88
5) Bromomethane	2.668	94	388	7.035	ug/l #	72
10) Methyl Iodide	4.107	142	830	11.487	ug/l #	81
16) Acetone	3.942	43	544	41.437	ug/l #	68
20) Methylene Chloride	4.704	84	884	8.156	ug/l #	77
25) 2-Butanone	6.960	43	113	5.416	ug/l #	54
26) 2,2-Dichloropropane	6.972	77	276	2.713	ug/l #	55
36) 1,1-Dichloropropene	7.795	75	248	2.729	ug/l #	42
38) Carbon Tetrachloride	7.783	117	550	5.440	ug/l #	11
74) N-amyl acetate	12.130	43	66	1.191	ug/l #	47
76) 1,2,3-Trichloropropane	12.477	75	1720	51.214	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	1720	113.713	ug/l #	7

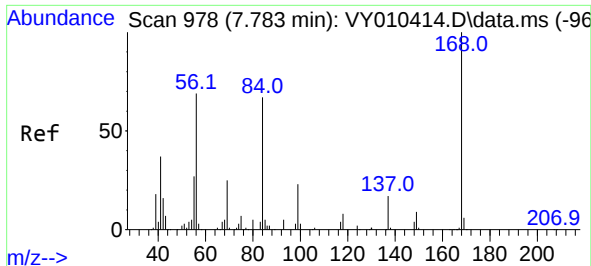
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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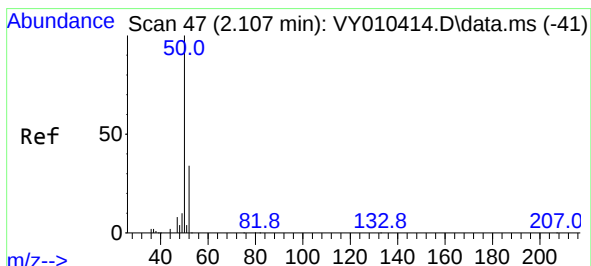
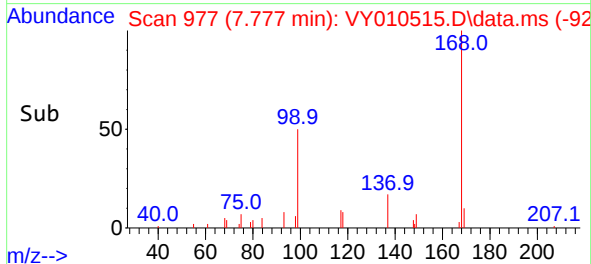
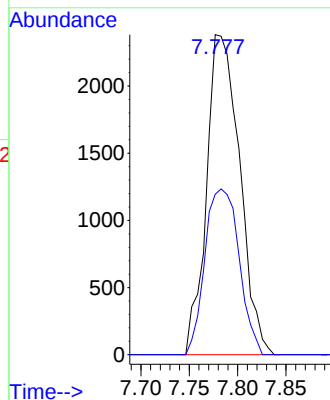
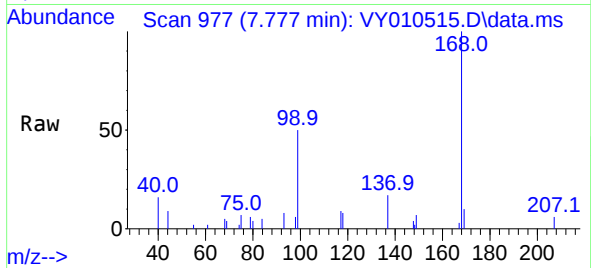




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY010515.D
Acq: 15 Sep 2022 16:49

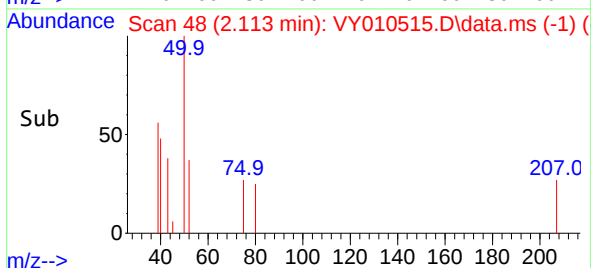
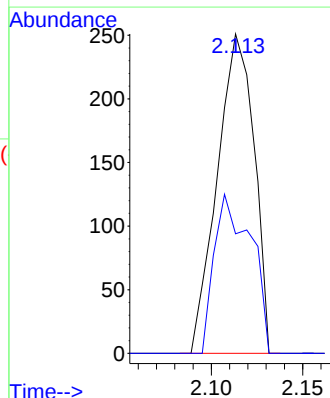
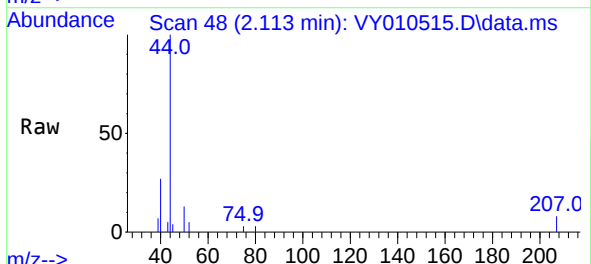
Instrument :
MSVOA_Y
ClientSampleId :
SB-01-7.5-8.0

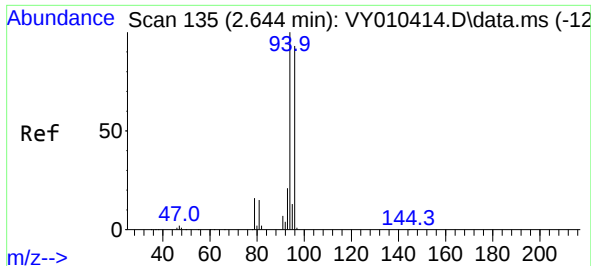
Tgt Ion:168 Resp: 5680
Ion Ratio Lower Upper
168 100
99 50.2 46.9 70.3



#3
Chloromethane
Concen: 5.516 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.006 min
Lab File: VY010515.D
Acq: 15 Sep 2022 16:49

Tgt Ion: 50 Resp: 352
Ion Ratio Lower Upper
50 100
52 37.5 24.6 37.0#

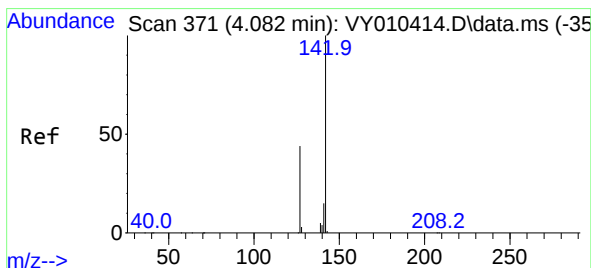
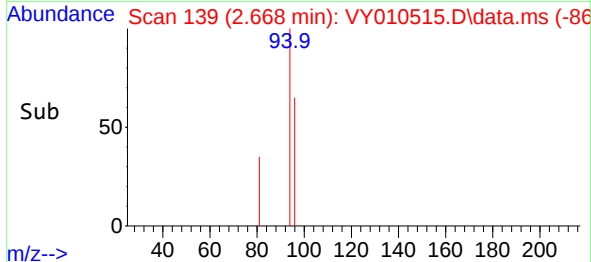
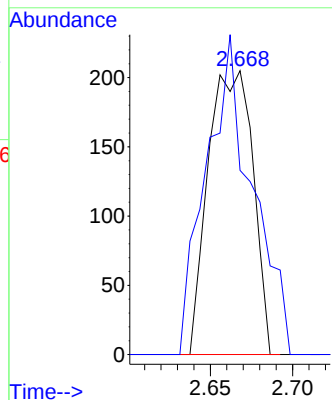
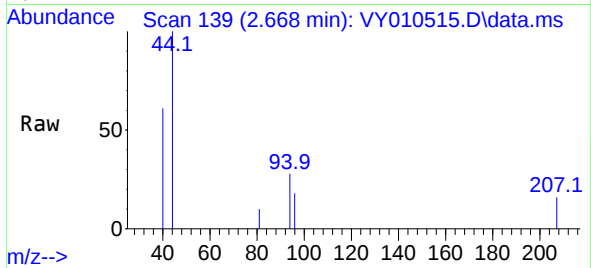




#5
Bromomethane
Concen: 7.035 ug/l
RT: 2.668 min Scan# 11
Delta R.T. 0.024 min
Lab File: VY010515.D
Acq: 15 Sep 2022 16:49

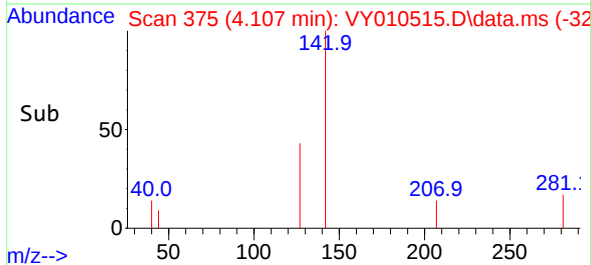
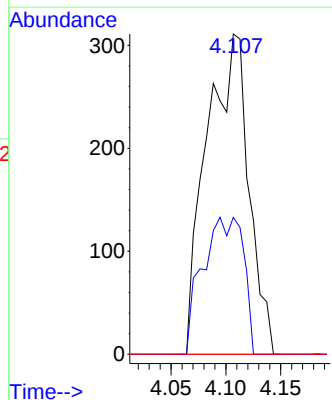
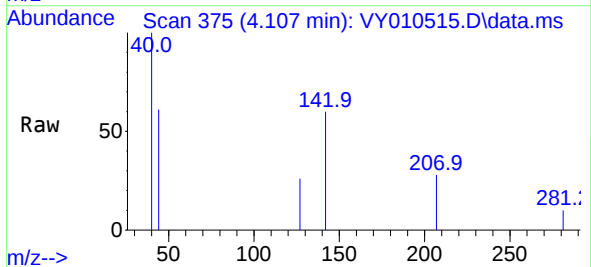
Instrument :
MSVOA_Y
ClientSampleId :
SB-01-7.5-8.0

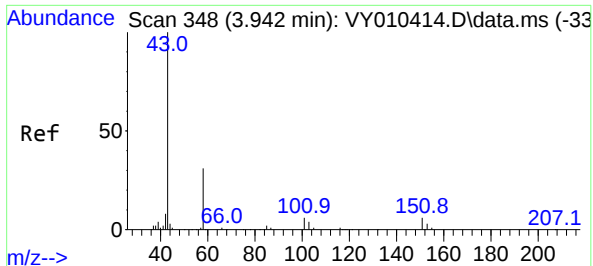
Tgt Ion: 94 Resp: 388
Ion Ratio Lower Upper
94 100
96 64.9 73.5 110.3#



#10
Methyl Iodide
Concen: 11.487 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.025 min
Lab File: VY010515.D
Acq: 15 Sep 2022 16:49

Tgt Ion:142 Resp: 830
Ion Ratio Lower Upper
142 100
127 41.6 41.5 62.3
141 0.0 11.9 17.9#

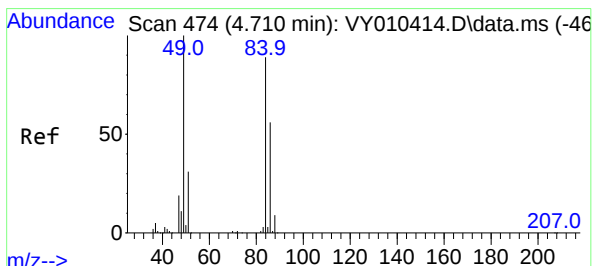
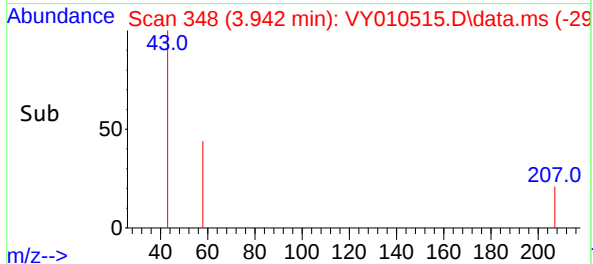
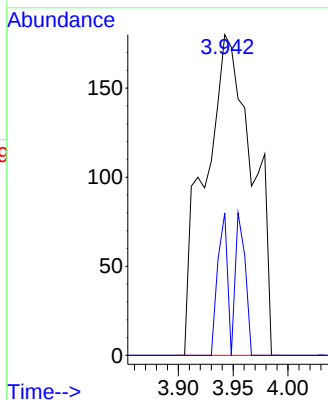
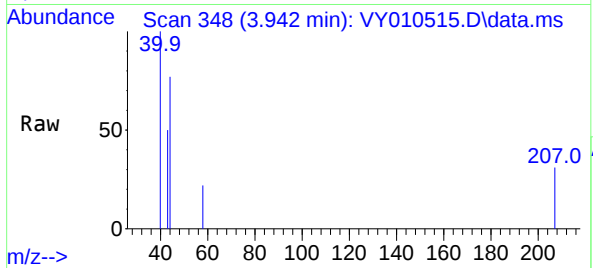




#16
Acetone
Concen: 41.437 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY010515.D
Acq: 15 Sep 2022 16:49

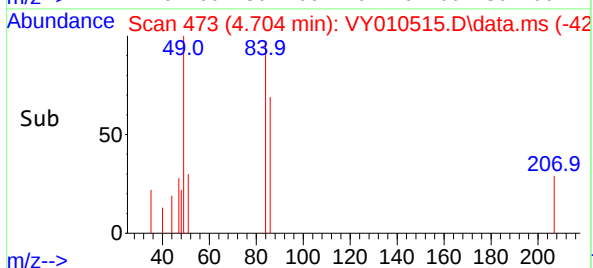
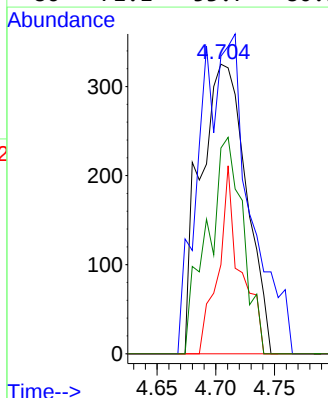
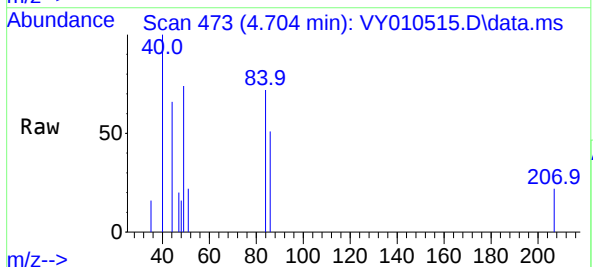
Instrument :
MSVOA_Y
ClientSampleId :
SB-01-7.5-8.0

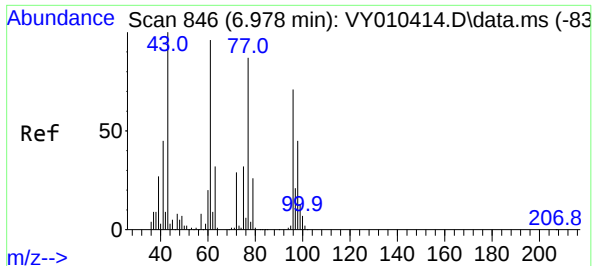
Tgt Ion: 43 Resp: 544
Ion Ratio Lower Upper
43 100
58 44.4 22.0 33.0#



#20
Methylene Chloride
Concen: 8.156 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.006 min
Lab File: VY010515.D
Acq: 15 Sep 2022 16:49

Tgt Ion: 84 Resp: 884
Ion Ratio Lower Upper
84 100
49 102.8 114.4 171.6#
51 30.8 35.3 52.9#
86 71.1 53.7 80.5





#25

2-Butanone

Concen: 5.416 ug/l

RT: 6.960 min Scan# 84

Delta R.T. -0.018 min

Lab File: VY010515.D

Acq: 15 Sep 2022 16:49

Instrument :

MSVOA_Y

ClientSampleId :

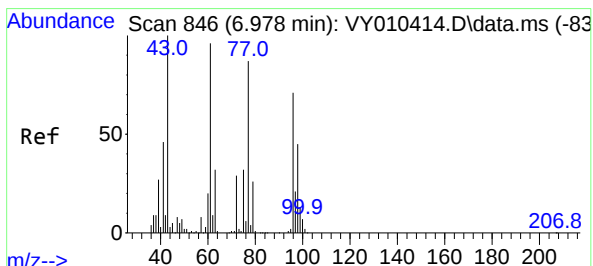
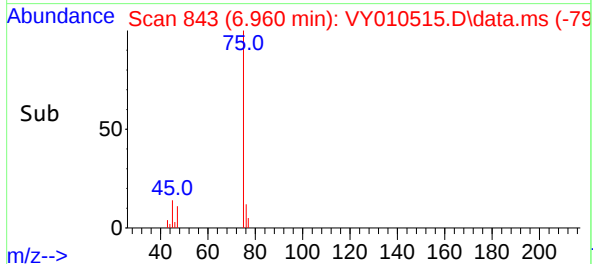
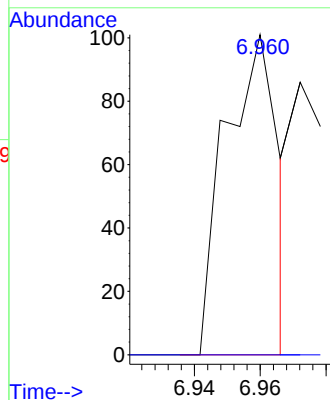
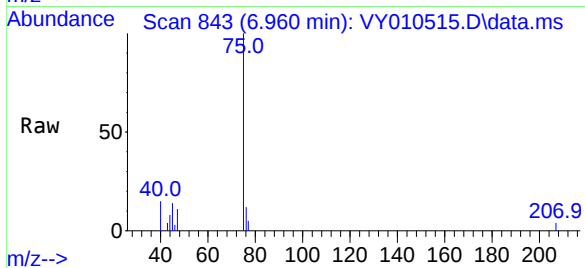
SB-01-7.5-8.0

Tgt Ion: 43 Resp: 113

Ion Ratio Lower Upper

43 100

72 0.0 17.7 26.5#



#26

2,2-Dichloropropane

Concen: 2.713 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.006 min

Lab File: VY010515.D

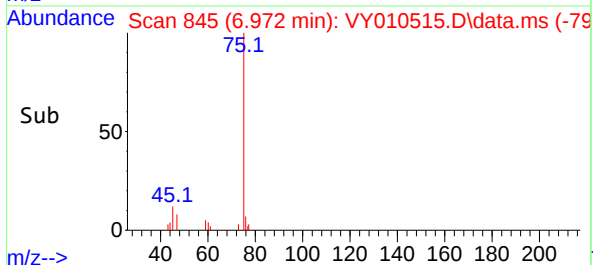
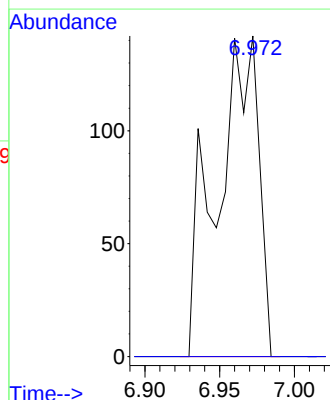
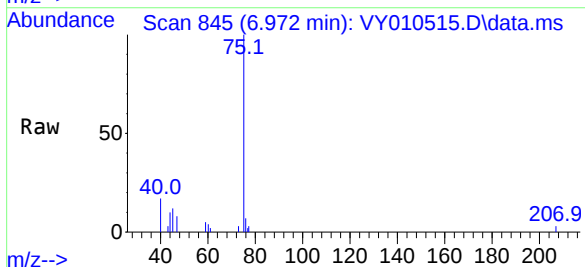
Acq: 15 Sep 2022 16:49

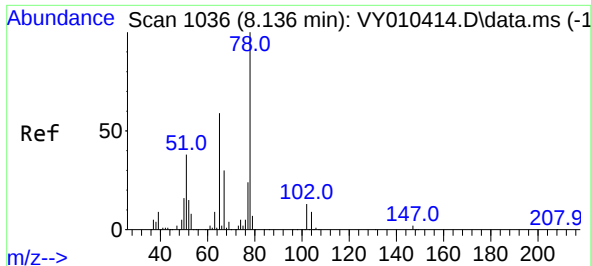
Tgt Ion: 77 Resp: 276

Ion Ratio Lower Upper

77 100

97 0.0 10.4 31.4#





#33

1,2-Dichloroethane-d4

Concen: 64.870 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. 0.007 min

Lab File: VY010515.D

Acq: 15 Sep 2022 16:49

Instrument :

MSVOA_Y

ClientSampleId :

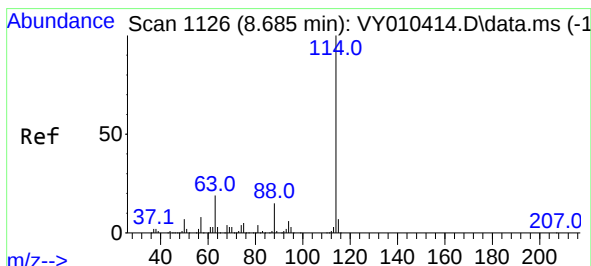
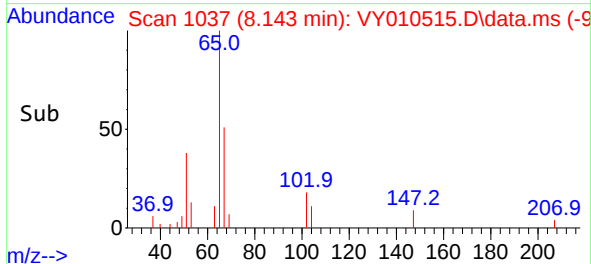
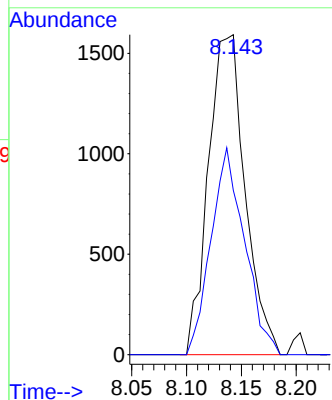
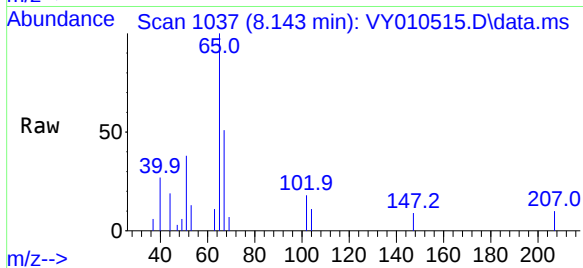
SB-01-7.5-8.0

Tgt Ion: 65 Resp: 3711

Ion Ratio Lower Upper

65 100

67 59.3 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY010515.D

Acq: 15 Sep 2022 16:49

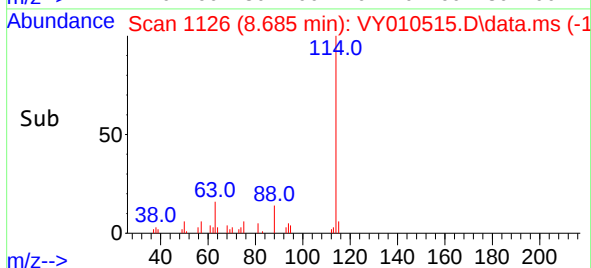
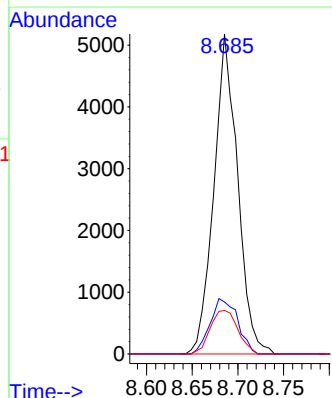
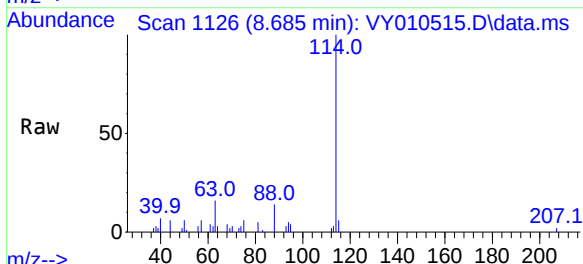
Tgt Ion: 114 Resp: 9347

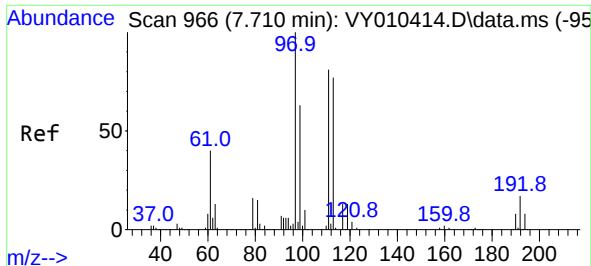
Ion Ratio Lower Upper

114 100

63 16.3 0.0 43.2

88 13.6 0.0 31.8





#35

Dibromofluoromethane

Concen: 22.928 ug/l

RT: 7.716 min Scan# 9

Delta R.T. 0.006 min

Lab File: VY010515.D

Acq: 15 Sep 2022 16:49

Instrument :

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ClientSampleId :

SB-01-7.5-8.0

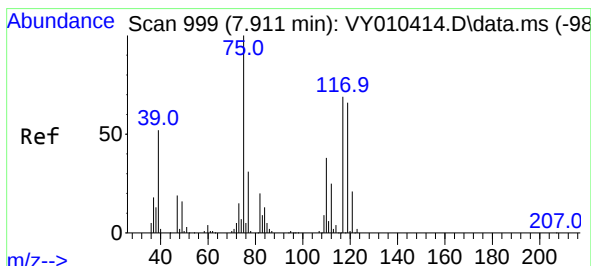
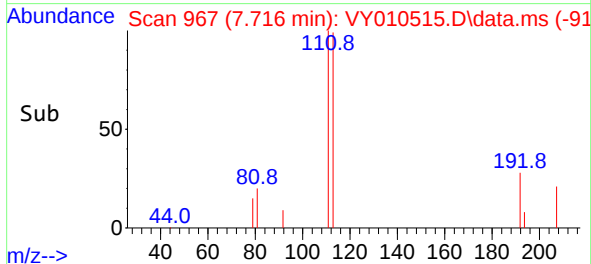
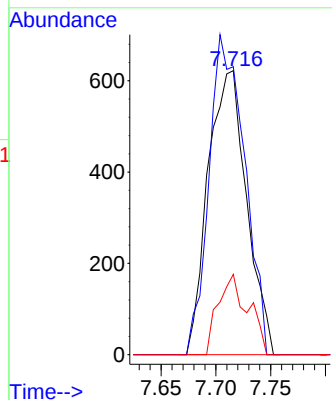
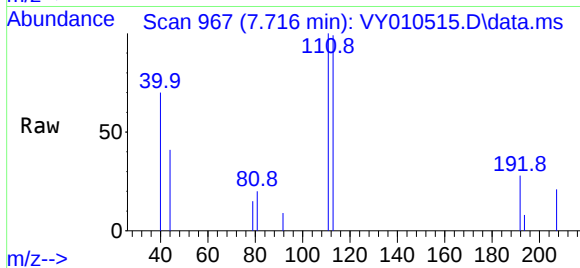
Tgt Ion:113 Resp: 1522

Ion Ratio Lower Upper

113 100

111 103.8 82.6 124.0

192 21.9 17.6 26.4



#36

1,1-Dichloropropene

Concen: 2.729 ug/l

RT: 7.795 min Scan# 980

Delta R.T. -0.116 min

Lab File: VY010515.D

Acq: 15 Sep 2022 16:49

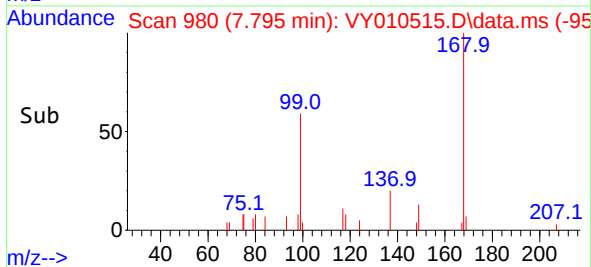
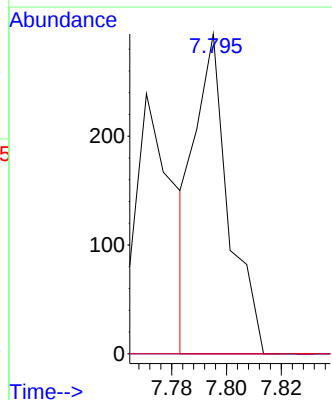
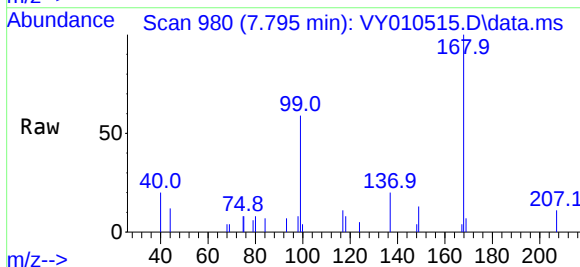
Tgt Ion: 75 Resp: 248

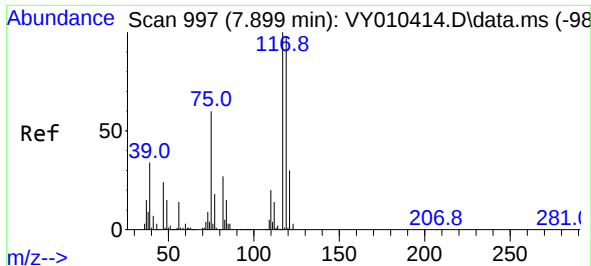
Ion Ratio Lower Upper

75 100

110 0.0 17.1 51.2#

77 0.0 24.4 36.6#

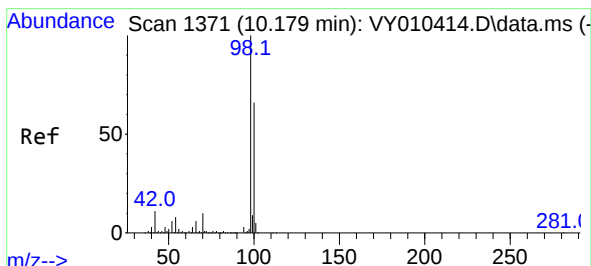
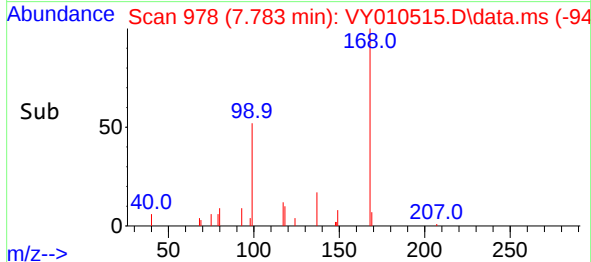
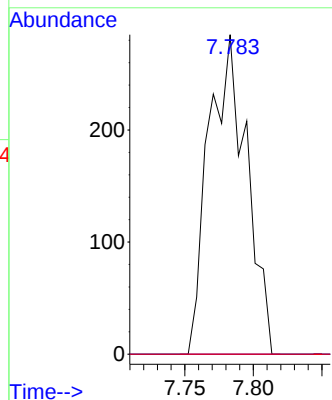
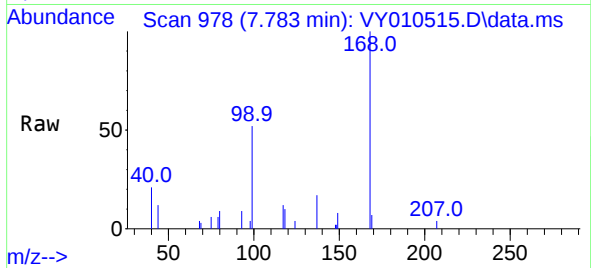




#38
Carbon Tetrachloride
Concen: 5.440 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY010515.D
Acq: 15 Sep 2022 16:49

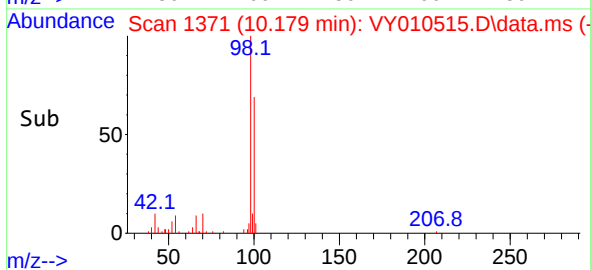
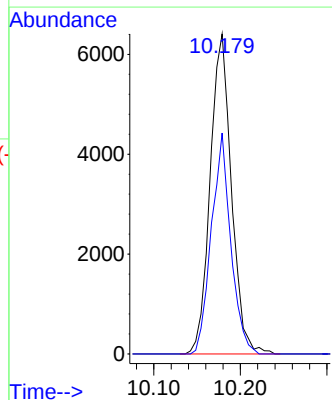
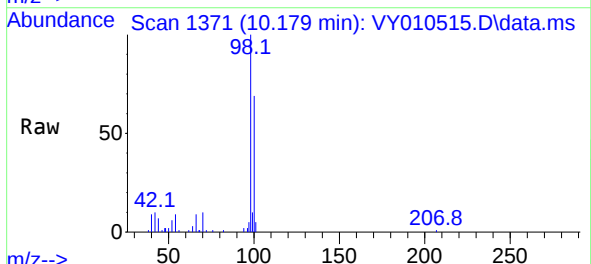
Instrument :
MSVOA_Y
ClientSampleId :
SB-01-7.5-8.0

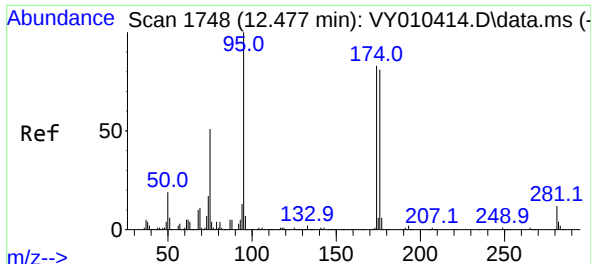
Tgt Ion:117 Resp: 550
Ion Ratio Lower Upper
117 100
119 0.0 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 50.780 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010515.D
Acq: 15 Sep 2022 16:49

Tgt Ion: 98 Resp: 10925
Ion Ratio Lower Upper
98 100
100 63.1 50.2 75.2

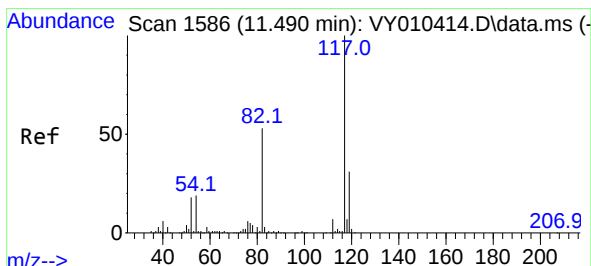
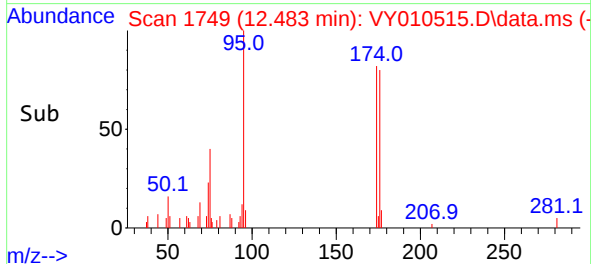
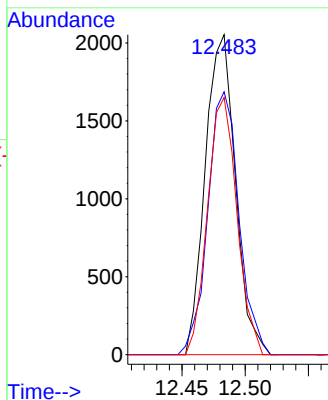
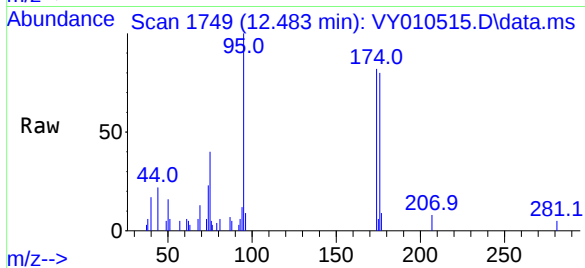




#62
4-Bromofluorobenzene
Concen: 38.528 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY010515.D
Acq: 15 Sep 2022 16:49

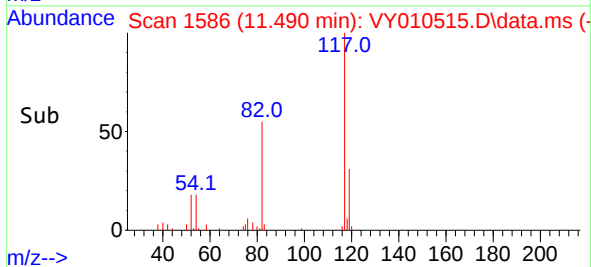
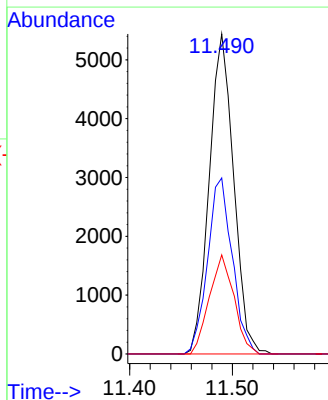
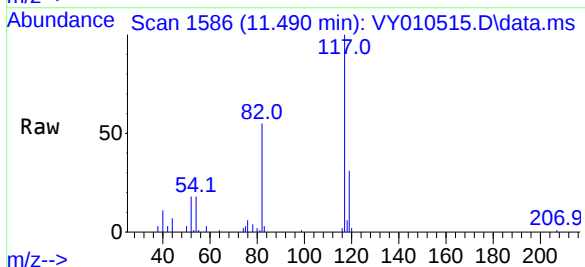
Instrument :
MSVOA_Y
ClientSampleId :
SB-01-7.5-8.0

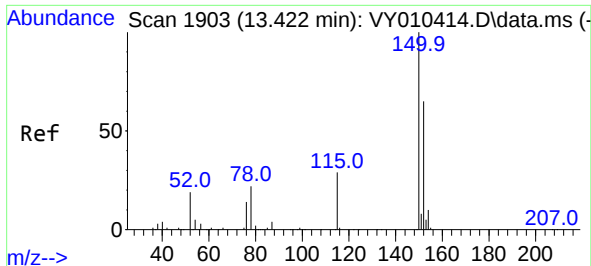
Tgt Ion:	95	Resp:	3406
Ion	Ratio	Lower	Upper
95	100		
174	84.8	0.0	177.0
176	78.3	0.0	175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY010515.D
Acq: 15 Sep 2022 16:49

Tgt Ion:	117	Resp:	8959
Ion	Ratio	Lower	Upper
117	100		
82	55.0	43.0	64.4
119	30.9	25.4	38.0

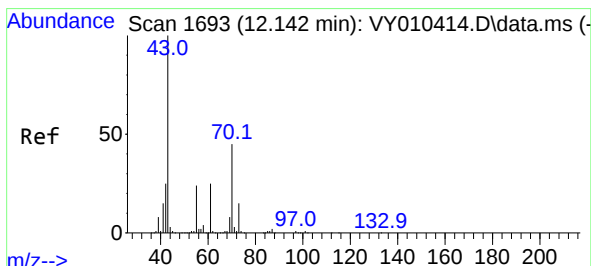
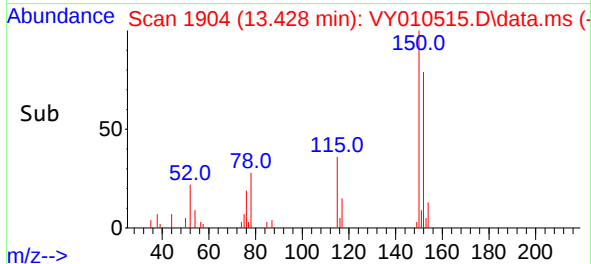
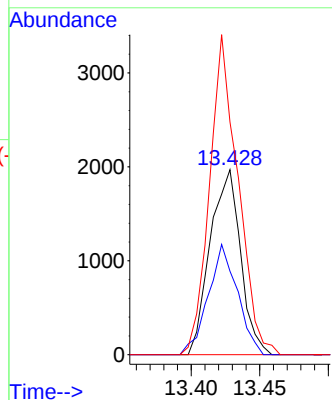
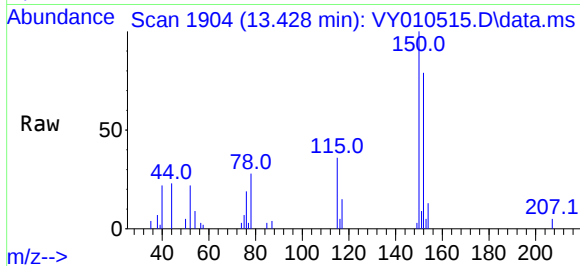




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1903
Delta R.T. 0.006 min
Lab File: VY010515.D
Acq: 15 Sep 2022 16:49

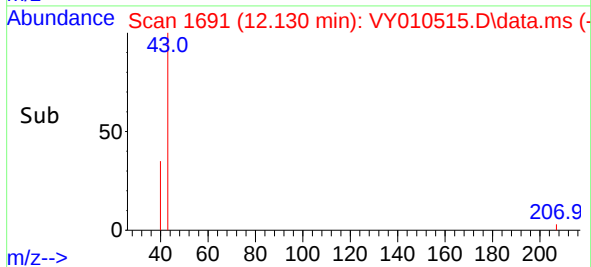
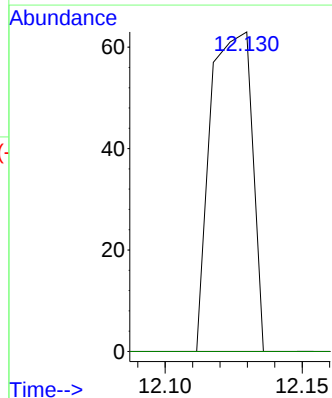
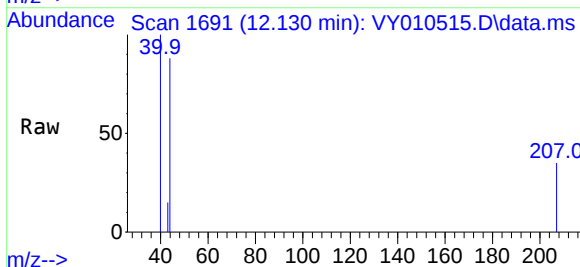
Instrument :
MSVOA_Y
ClientSampleId :
SB-01-7.5-8.0

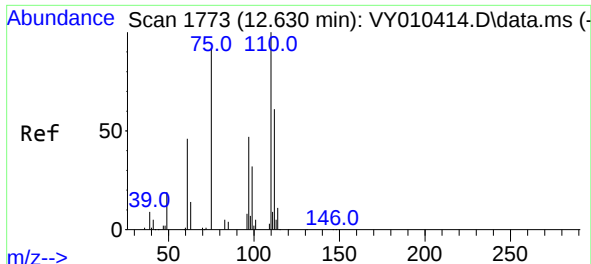
Tgt Ion:152 Resp: 3043
Ion Ratio Lower Upper
152 100
115 57.3 28.2 84.7
150 161.7 0.0 347.6



#74
N-ethyl acetate
Concen: 1.191 ug/l
RT: 12.130 min Scan# 1691
Delta R.T. -0.012 min
Lab File: VY010515.D
Acq: 15 Sep 2022 16:49

Tgt Ion: 43 Resp: 66
Ion Ratio Lower Upper
43 100
70 0.0 28.7 43.1#
55 0.0 17.3 25.9#
61 0.0 17.0 25.6#

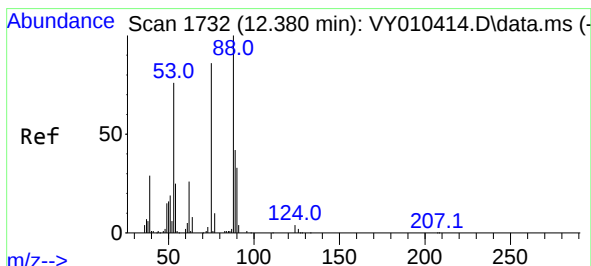
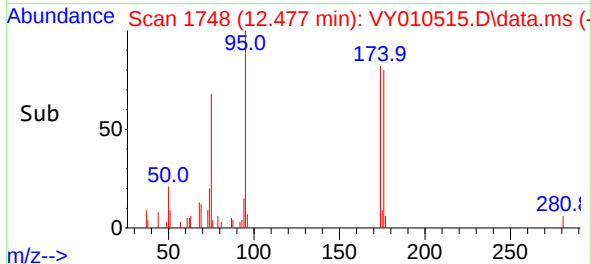
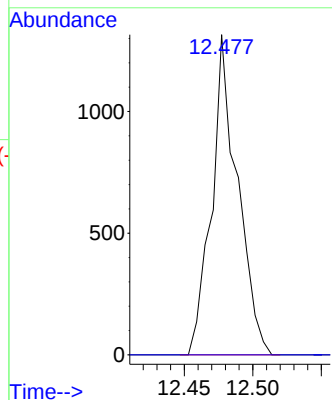
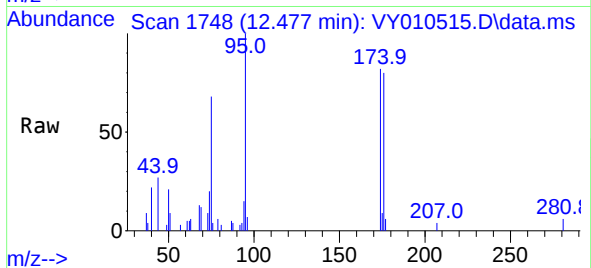




#76
1,2,3-Trichloropropane
Concen: 51.214 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.153 min
Lab File: VY010515.D
Acq: 15 Sep 2022 16:49

Instrument :
MSVOA_Y
ClientSampleId :
SB-01-7.5-8.0

Tgt Ion: 75 Resp: 1720
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 113.713 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.097 min
Lab File: VY010515.D
Acq: 15 Sep 2022 16:49

Tgt Ion: 75 Resp: 1720
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#

