

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031822\
 Data File : VY007909.D
 Acq On : 18 Mar 2022 17:54
 Operator : SY/MD
 Sample : N1951-06
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DB-14-(20-25)-3-12-22

Quant Time: Mar 19 01:38:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y031722S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 13:55:34 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.813	168	65	50.000	ug/l	# 0.02
34) 1,4-Difluorobenzene	8.691	114	58	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.477	117	85	50.000	ug/l	#-0.01
72) 1,4-Dichlorobenzene-d4	13.416	152	234	50.000	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	60	80.958	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 161.920%	
35) Dibromofluoromethane	0.000	113	0	0.000	ug/l	
Spiked Amount	50.000	Range	54 - 147	Recovery	= 0.000%#	
50) Toluene-d8	10.179	98	155	135.883	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 271.760%#	
62) 4-Bromofluorobenzene	12.483	95	210	359.223	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 718.440%#	
Target Compounds						
					Qvalue	
3) Chloromethane	2.107	50	59	121.069	ug/l	# 44
5) Bromomethane	2.534	94	38	91.829	ug/l	# 4
6) Chloroethane	2.802	64	164	308.524	ug/l	# 43
8) Diethyl Ether	3.253	74	70	158.264	ug/l	66
12) 1,1-Dichloroethene	3.869	96	207	293.282	ug/l	# 1
13) Acrolein	3.814	56	49	942.264	ug/l	# 69
14) Allyl chloride	4.509	41	239	201.320	ug/l	# 22
15) Acrylonitrile	5.174	53	55	233.333	ug/l	# 17
16) Acetone	3.954	43	159	808.715	ug/l	# 47
18) Methyl Acetate	4.473	43	58	133.611	ug/l	# 56
19) Methyl tert-butyl Ether	5.241	73	82	37.037	ug/l	# 52
21) trans-1,2-Dichloroethene	5.247	96	137	173.381	ug/l	# 1
22) Diisopropyl ether	6.137	45	33	12.921	ug/l	# 36
23) Vinyl Acetate	6.064	43	136	85.016	ug/l	# 75
25) 2-Butanone	7.009	43	356	1130.440	ug/l	# 54
26) 2,2-Dichloropropane	7.045	77	19	14.250	ug/l	# 1
27) cis-1,2-Dichloroethene	7.021	96	200	210.874	ug/l	# 1
29) Tetrahydrofuran	7.368	42	120	594.696	ug/l	# 38
30) Chloroform	7.698	83	23	15.468	ug/l	# 18
31) Cyclohexane	7.813	56	39	34.724	ug/l	# 1
32) 1,1,1-Trichloroethane	7.691	97	65	48.534	ug/l	# 23
36) 1,1-Dichloropropene	7.649	75	21	34.760	ug/l	# 1
37) Ethyl Acetate	7.057	43	187	507.276	ug/l	# 72
38) Carbon Tetrachloride	7.856	117	30	46.470	ug/l	# 11
39) Methylcyclohexane	9.179	83	20	28.510	ug/l	# 38
41) Methacrylonitrile	7.314	41	80	351.891	ug/l	# 1
43) Isopropyl Acetate	8.265	43	256	360.218	ug/l	# 56
45) 1,2-Dichloropropane	9.301	63	24	52.501	ug/l	# 46
46) Dibromomethane	9.313	93	25	93.485	ug/l	# 1
47) Bromodichloromethane	9.514	83	76	117.638	ug/l	# 24
48) Methyl methacrylate	9.289	41	90	284.684	ug/l	# 1
51) 4-Methyl-2-Pentanone	10.075	43	314	838.602	ug/l	# 40
52) Toluene	10.459	92	93	82.026	ug/l	75
53) t-1,3-Dichloropropene	10.435	75	26	37.725	ug/l	# 50
54) cis-1,3-Dichloropropene	10.008	75	44	57.251	ug/l	# 9
55) 1,1,2-Trichloroethane	10.648	97	113	290.846	ug/l	# 41

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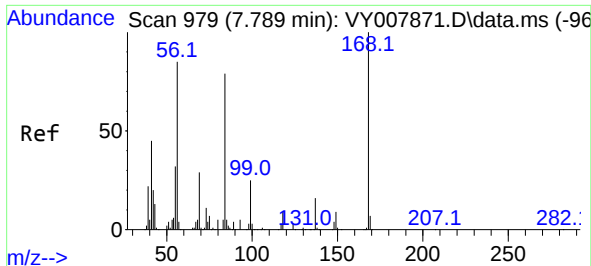
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

56) Ethyl methacrylate	10.496	69	15	26.893	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.972	63	20	73.095	ug/l #	1
59) 2-Hexanone	10.837	43	48	179.264	ug/l	83
60) Dibromochloromethane	10.923	129	23	49.428	ug/l #	11
61) 1,2-Dibromoethane	11.093	107	456	1213.201	ug/l #	49
64) Tetrachloroethene	10.801	164	28	42.332	ug/l #	7
66) 1,1,1,2-Tetrachloroethane	11.624	131	28	36.523	ug/l #	1
67) Ethyl Benzene	11.593	91	112	30.879	ug/l #	44
68) m/p-Xylenes	11.685	106	25	17.670	ug/l #	41
69) o-Xylene	12.020	106	64	46.764	ug/l	72
71) Bromoform	12.246	173	35	71.277	ug/l #	28
73) Isopropylbenzene	12.441	105	183	8.885	ug/l	97
74) N-amyl acetate	12.154	43	518	85.243	ug/l #	62
75) 1,1,2,2-Tetrachloroethane	12.563	83	181	40.824	ug/l #	49
76) 1,2,3-Trichloropropane	12.733	75	18	5.397	ug/l #	100
78) n-propylbenzene	12.636	91	150	6.031	ug/l	85
79) 2-Chlorotoluene	12.776	91	161	11.506	ug/l	95
80) 1,3,5-Trimethylbenzene	12.874	105	70	4.133	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.179	75	56	35.266	ug/l #	7
82) 4-Chlorotoluene	12.776	91	161	11.075	ug/l	95
83) tert-Butylbenzene	13.038	119	175	11.545	ug/l	69
84) 1,2,4-Trimethylbenzene	13.258	105	201	12.105	ug/l	75
85) sec-Butylbenzene	13.258	105	144	6.339	ug/l #	56
86) p-Isopropyltoluene	13.380	119	250	13.556	ug/l #	72
87) 1,3-Dichlorobenzene	13.398	146	21	2.285	ug/l #	1
88) 1,4-Dichlorobenzene	13.398	146	21	2.279	ug/l #	1
89) n-Butylbenzene	13.800	91	140	7.911	ug/l	78
90) Hexachloroethane	13.977	117	114	30.971	ug/l #	6
92) 1,2-Dibromo-3-Chloropr...	14.373	75	20	26.221	ug/l #	6
95) Naphthalene	15.275	128	59	5.059	ug/l #	69

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

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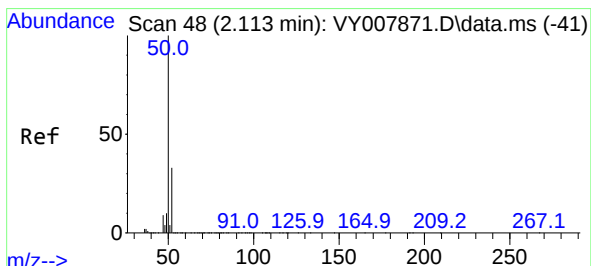
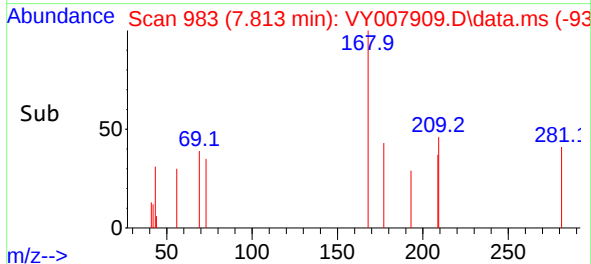
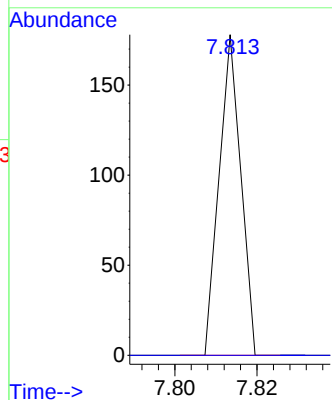
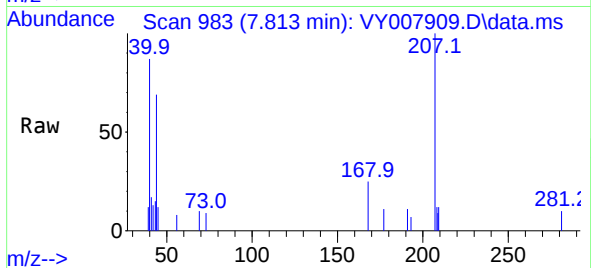




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.024 min
Lab File: VY007909.D
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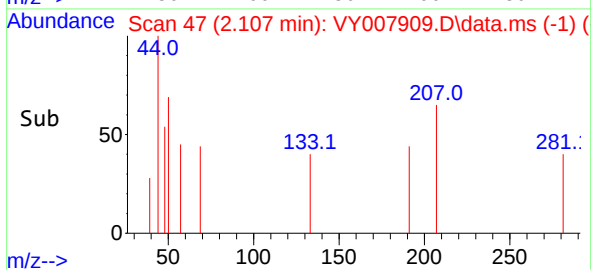
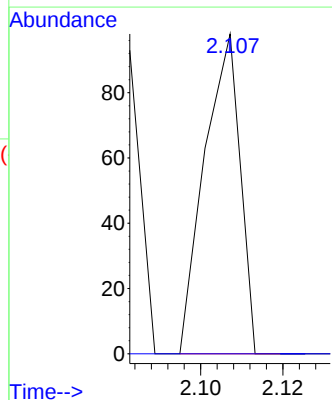
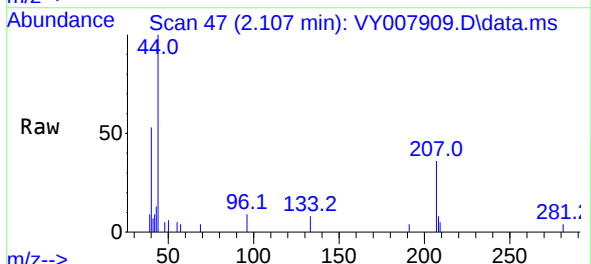
Instrument :
MSVOA_Y
ClientSampleId :
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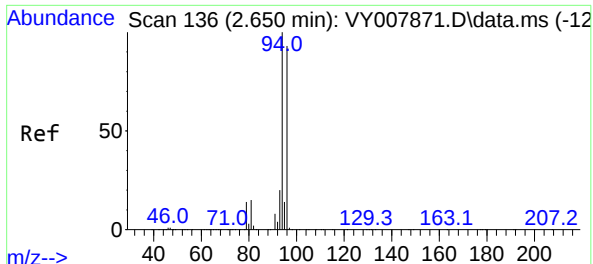
Tgt Ion:168 Resp: 65
Ion Ratio Lower Upper
168 100
99 0.0 46.9 70.3#



#3
Chloromethane
Concen: 121.069 ug/l
RT: 2.107 min Scan# 47
Delta R.T. -0.006 min
Lab File: VY007909.D
Acq: 18 Mar 2022 17:54

Tgt Ion: 50 Resp: 59
Ion Ratio Lower Upper
50 100
52 0.0 24.6 37.0#

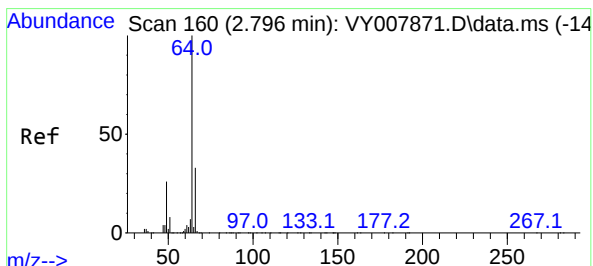
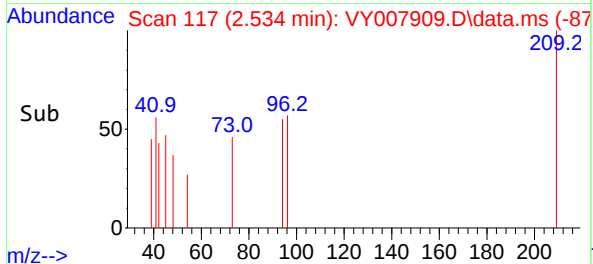
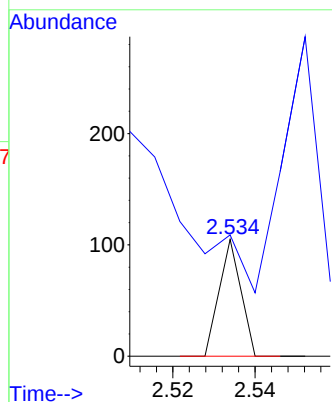
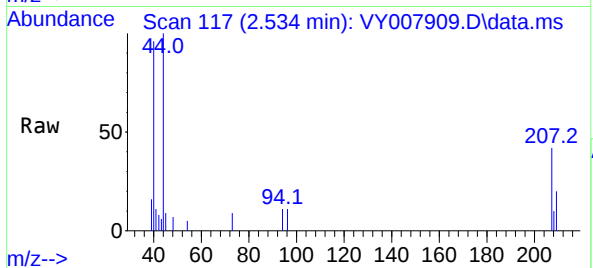




#5
Bromomethane
Concen: 91.829 ug/l
RT: 2.534 min Scan# 117
Delta R.T. -0.116 min
Lab File: VY007909.D
Acq: 18 Mar 2022 17:54

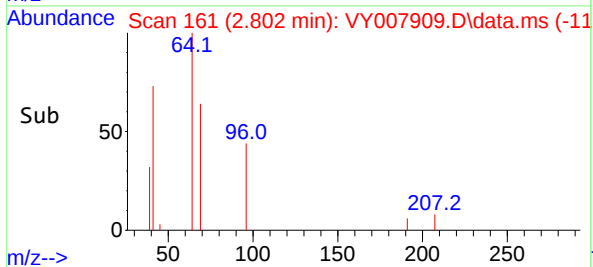
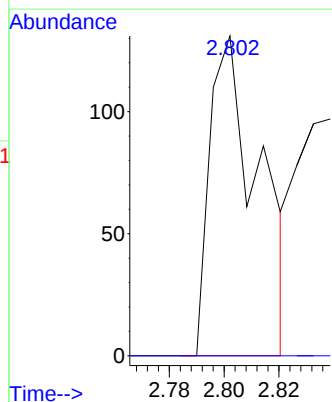
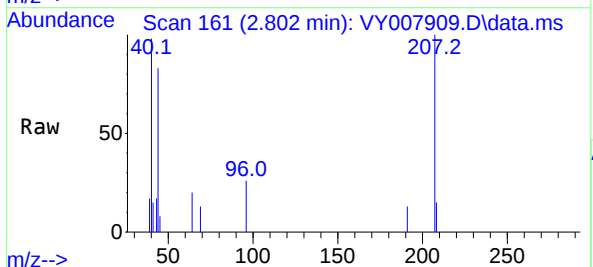
Instrument :
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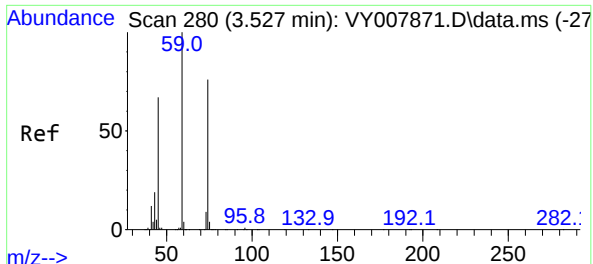
Tgt Ion: 94 Resp: 38
Ion Ratio Lower Upper
94 100
96 0.0 73.5 110.3#



#6
Chloroethane
Concen: 308.524 ug/l
RT: 2.802 min Scan# 161
Delta R.T. 0.006 min
Lab File: VY007909.D
Acq: 18 Mar 2022 17:54

Tgt Ion: 64 Resp: 164
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#

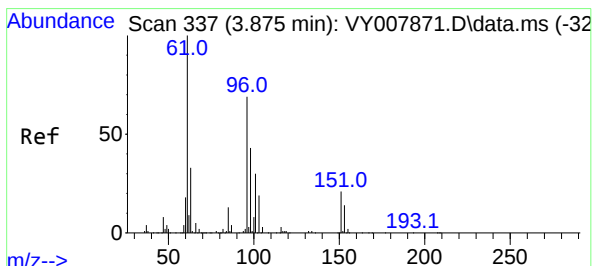
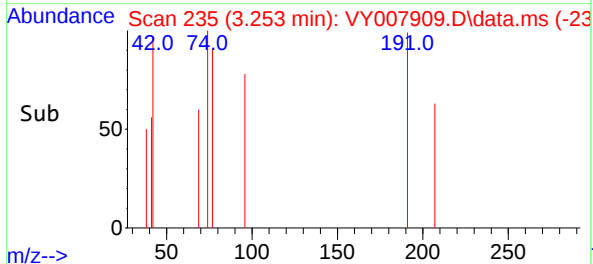
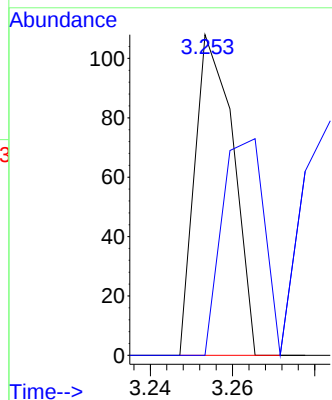
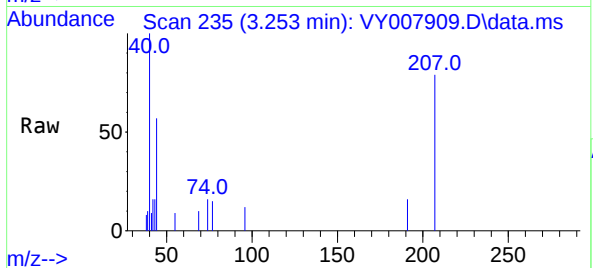




#8
Diethyl Ether
Concen: 158.264 ug/l
RT: 3.253 min Scan# 21
Delta R.T. -0.274 min
Lab File: VY007909.D
Acq: 18 Mar 2022 17:54

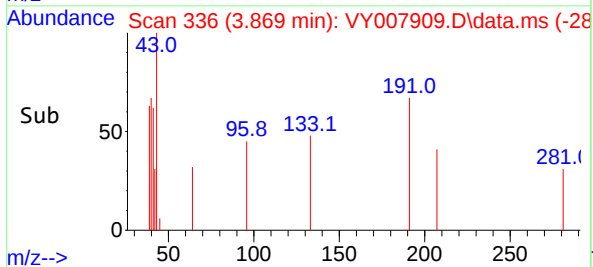
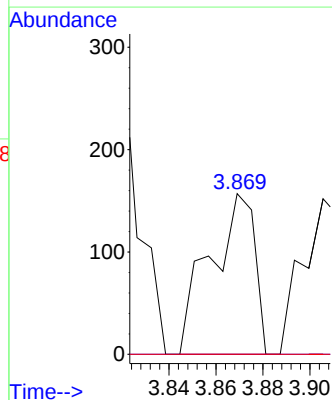
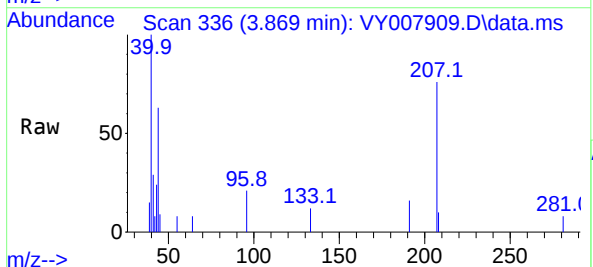
Instrument :
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ClientSampleId :
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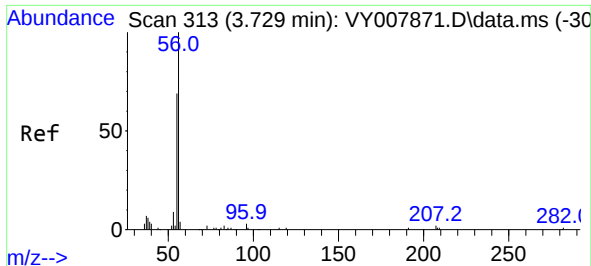
Tgt Ion: 74 Resp: 70
Ion Ratio Lower Upper
74 100
45 74.3 55.1 165.5



#12
1,1-Dichloroethene
Concen: 293.282 ug/l
RT: 3.869 min Scan# 336
Delta R.T. -0.006 min
Lab File: VY007909.D
Acq: 18 Mar 2022 17:54

Tgt Ion: 96 Resp: 207
Ion Ratio Lower Upper
96 100
61 0.0 145.8 218.6#
98 0.0 52.5 78.7#

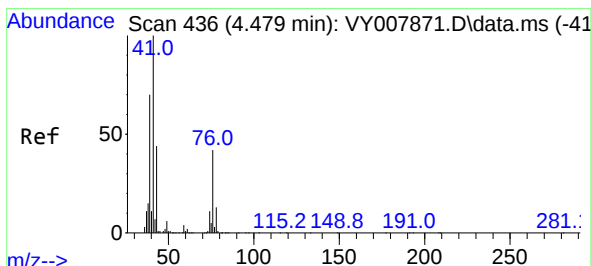
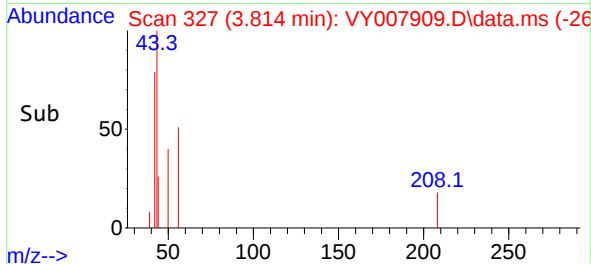
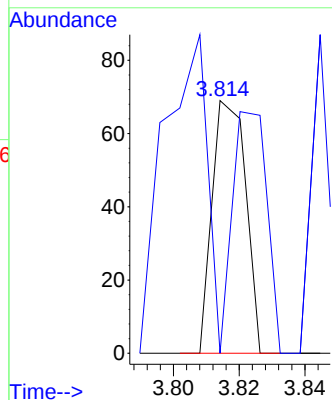
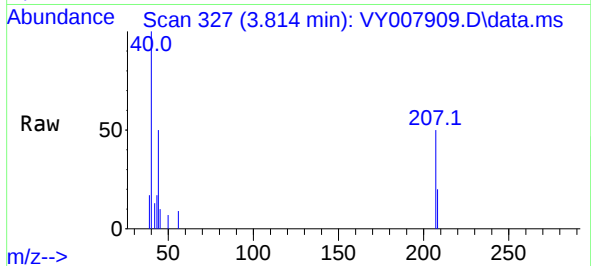




#13
Acrolein
Concen: 942.264 ug/l
RT: 3.814 min Scan# 313
Delta R.T. 0.085 min
Lab File: VY007909.D
Acq: 18 Mar 2022 17:54

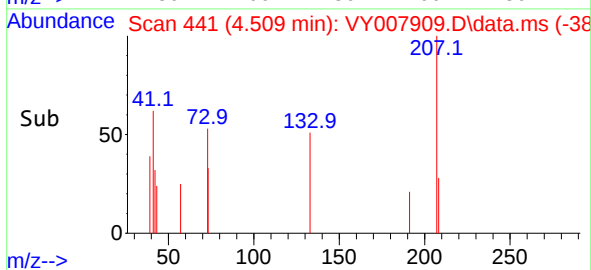
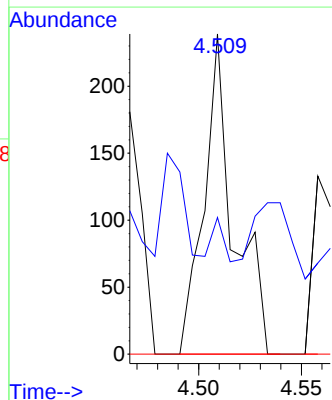
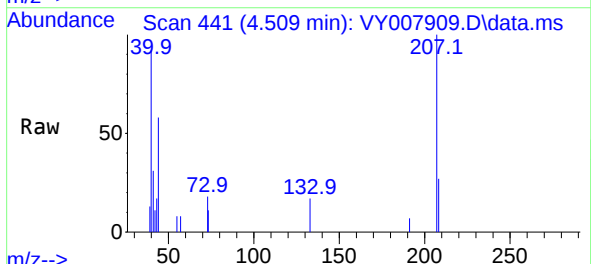
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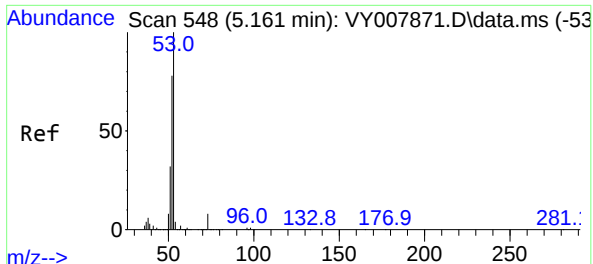
Tgt Ion: 56 Resp: 49
Ion Ratio Lower Upper
56 100
55 98.0 57.6 86.4#



#14
Allyl chloride
Concen: 201.320 ug/l
RT: 4.509 min Scan# 441
Delta R.T. 0.030 min
Lab File: VY007909.D
Acq: 18 Mar 2022 17:54

Tgt Ion: 41 Resp: 239
Ion Ratio Lower Upper
41 100
39 0.0 58.8 88.2#
76 0.0 25.1 37.7#





#15

Acrylonitrile

Concen: 233.333 ug/l

RT: 5.174 min Scan# 51

Delta R.T. 0.012 min

Lab File: VY007909.D

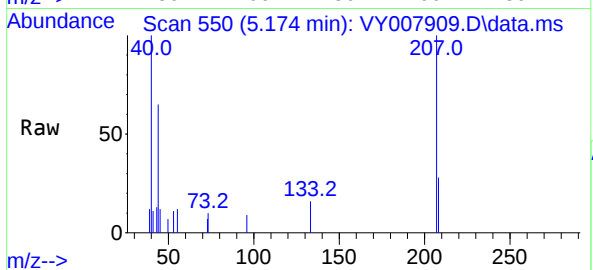
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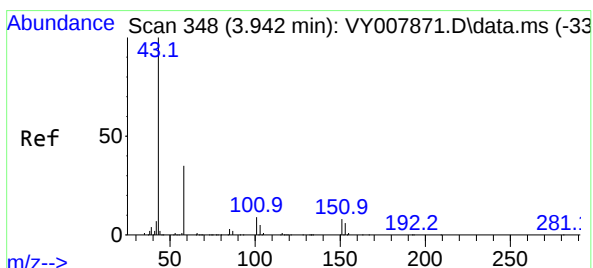
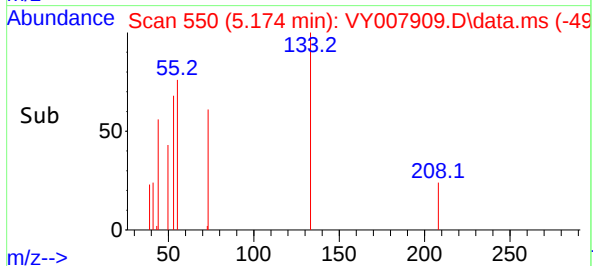
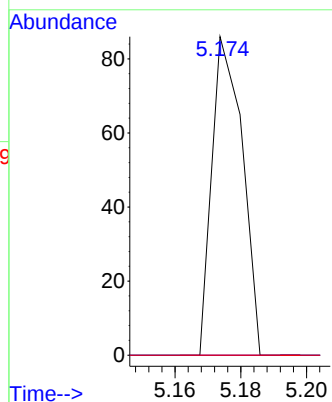
Tgt Ion: 53 Resp: 55

Ion Ratio Lower Upper

53 100

52 0.0 67.0 100.4#

51 0.0 29.8 44.6#



#16

Acetone

Concen: 808.715 ug/l

RT: 3.954 min Scan# 350

Delta R.T. 0.012 min

Lab File: VY007909.D

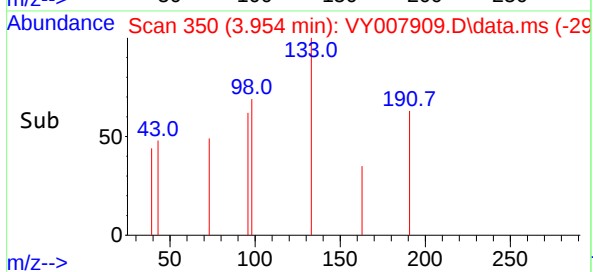
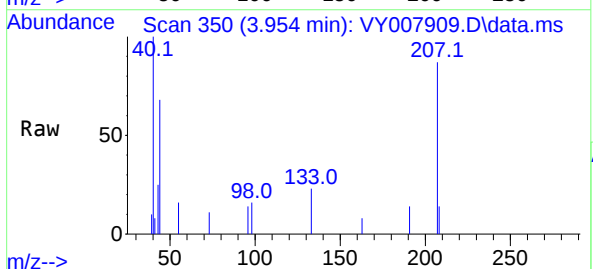
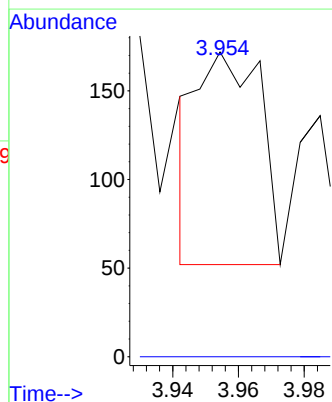
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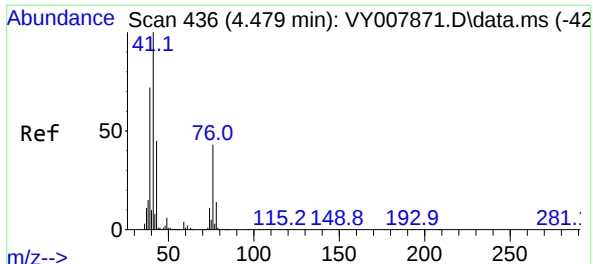
Tgt Ion: 43 Resp: 159

Ion Ratio Lower Upper

43 100

58 0.0 22.0 33.0#





#18

Methyl Acetate

Concen: 133.611 ug/l

RT: 4.473 min Scan# 41

Delta R.T. -0.000 min

Lab File: VY007909.D

Acq: 18 Mar 2022 17:54

Instrument :

MSVOA_Y

ClientSampleId :

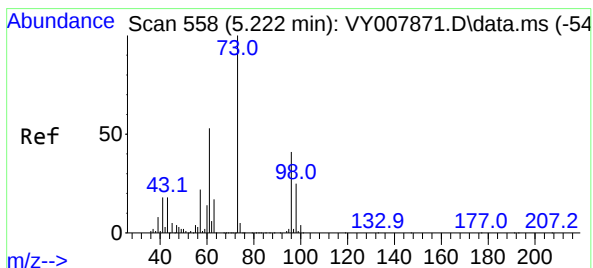
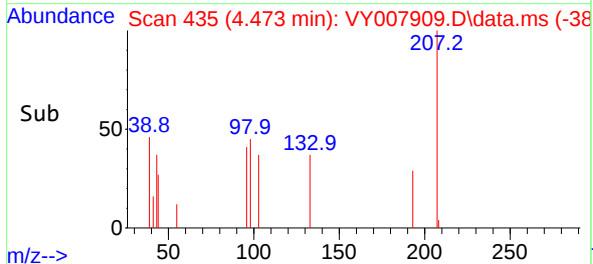
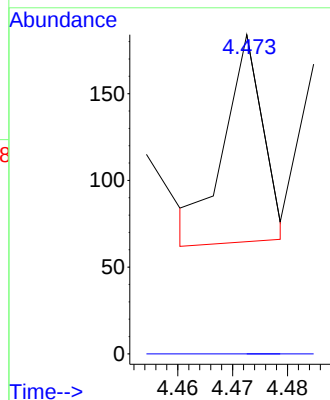
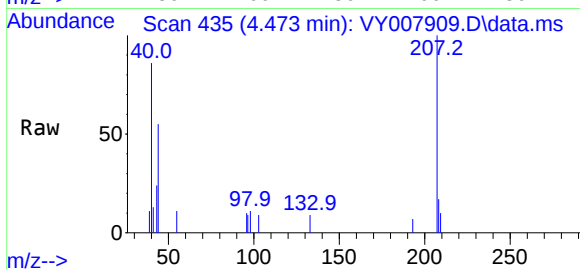
DB-14-(20-25)-3-12-22

Tgt Ion: 43 Resp: 58

Ion Ratio Lower Upper

43 100

74 0.0 16.6 24.8#



#19

Methyl tert-butyl Ether

Concen: 37.037 ug/l

RT: 5.241 min Scan# 561

Delta R.T. 0.018 min

Lab File: VY007909.D

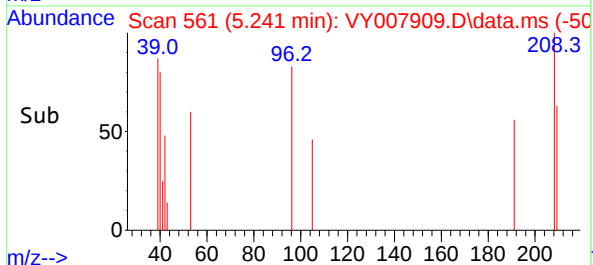
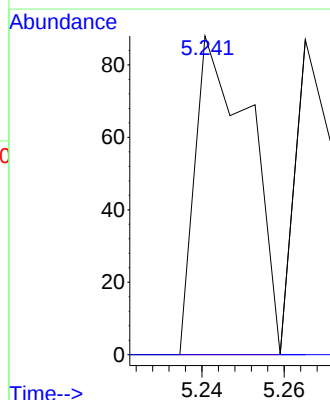
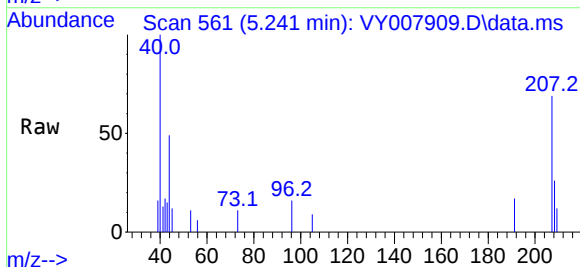
Acq: 18 Mar 2022 17:54

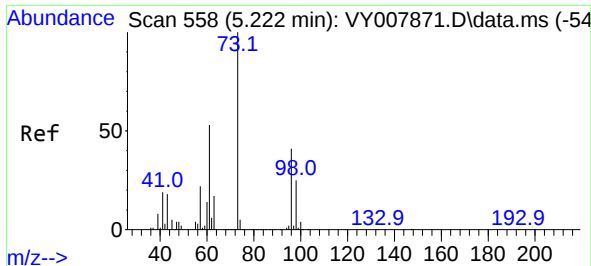
Tgt Ion: 73 Resp: 82

Ion Ratio Lower Upper

73 100

57 0.0 18.6 27.8#

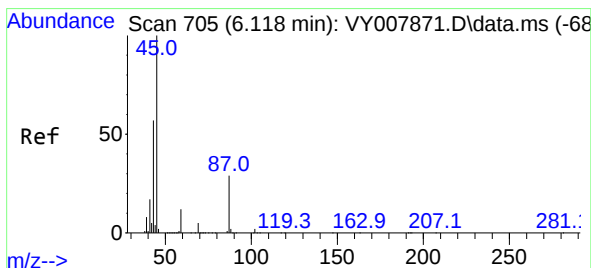
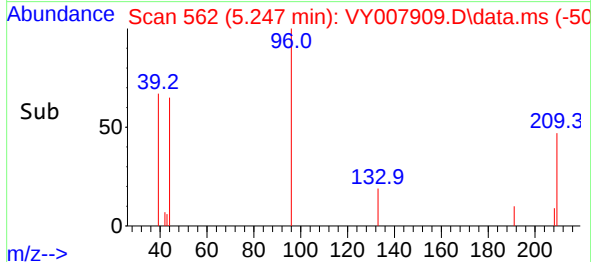
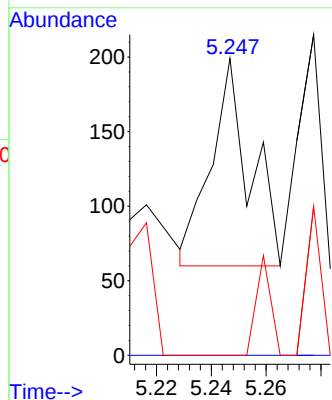
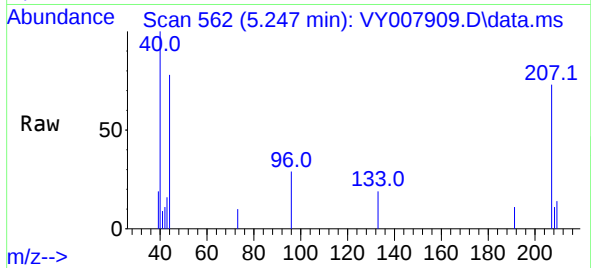




#21
trans-1,2-Dichloroethene
Concen: 173.381 ug/l
RT: 5.247 min Scan# 51
Delta R.T. 0.024 min
Lab File: VY007909.D
Acq: 18 Mar 2022 17:54

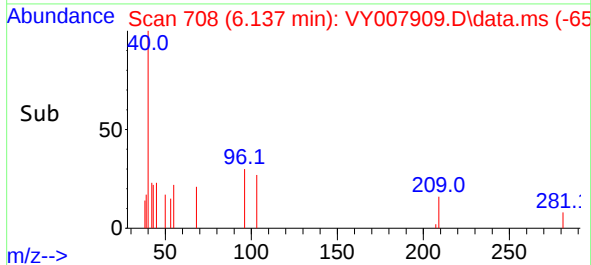
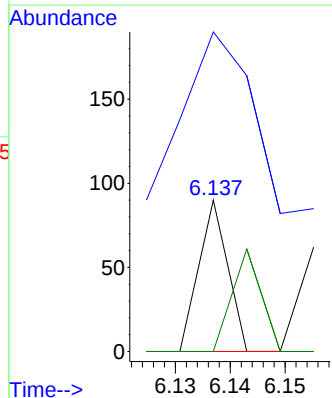
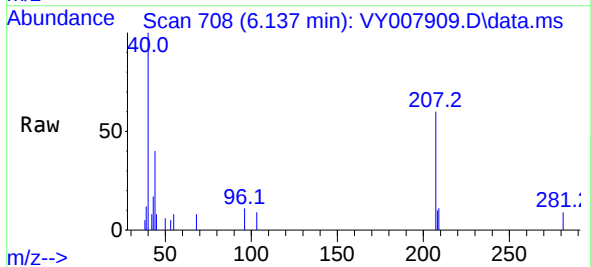
Instrument :
MSVOA_Y
ClientSampleId :
DB-14-(20-25)-3-12-22

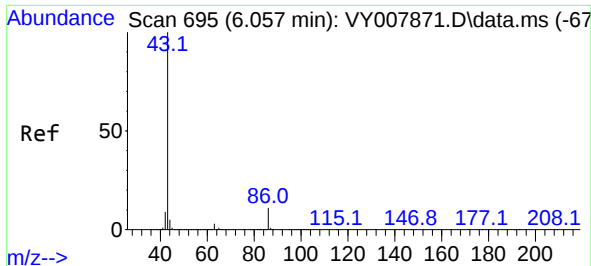
Tgt Ion: 96 Resp: 137
Ion Ratio Lower Upper
96 100
61 0.0 120.5 180.7#
98 0.0 49.8 74.8#



#22
Diisopropyl ether
Concen: 12.921 ug/l
RT: 6.137 min Scan# 708
Delta R.T. 0.024 min
Lab File: VY007909.D
Acq: 18 Mar 2022 17:54

Tgt Ion: 45 Resp: 33
Ion Ratio Lower Upper
45 100
43 120.0 49.3 73.9#
87 0.0 19.2 28.8#
59 0.0 8.4 12.6#

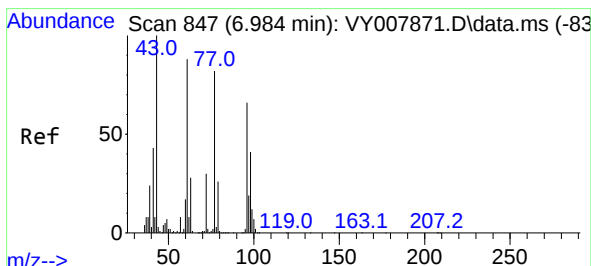
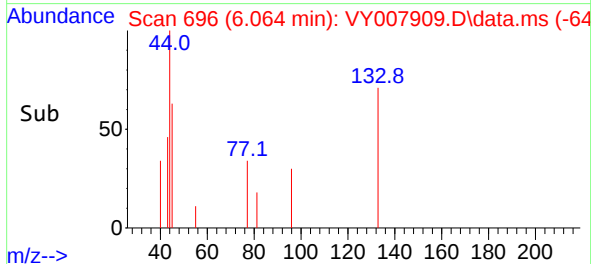
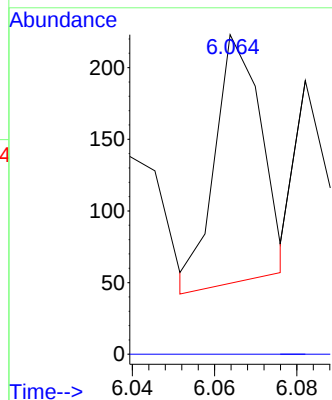
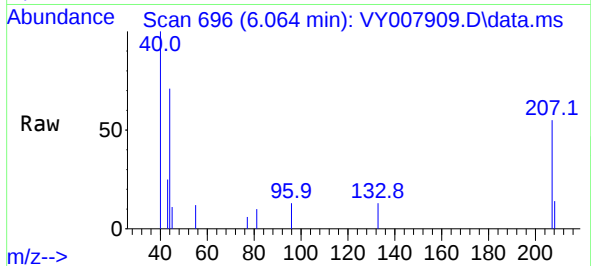




#23
 Vinyl Acetate
 Concen: 85.016 ug/l
 RT: 6.064 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY007909.D
 Acq: 18 Mar 2022 17:54

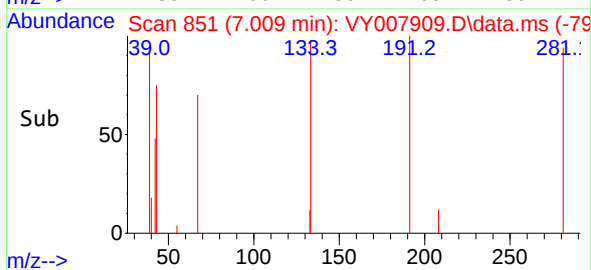
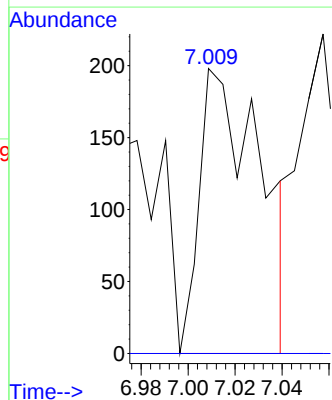
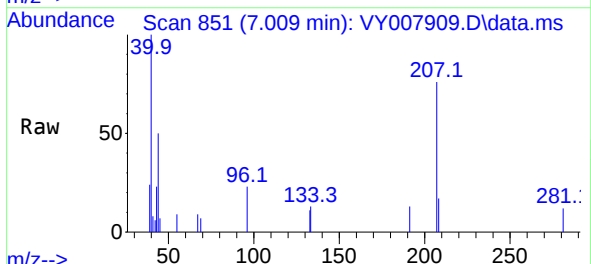
Instrument :
 MSVOA_Y
 ClientSampleId :
 DB-14-(20-25)-3-12-22

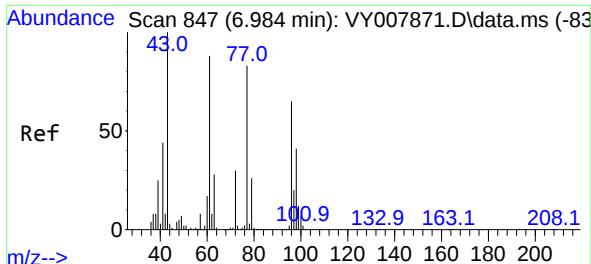
Tgt Ion: 43 Resp: 136
 Ion Ratio Lower Upper
 43 100
 86 0.0 7.1 10.7#



#25
 2-Butanone
 Concen: 1130.440 ug/l
 RT: 7.009 min Scan# 851
 Delta R.T. 0.024 min
 Lab File: VY007909.D
 Acq: 18 Mar 2022 17:54

Tgt Ion: 43 Resp: 356
 Ion Ratio Lower Upper
 43 100
 72 0.0 17.7 26.5#

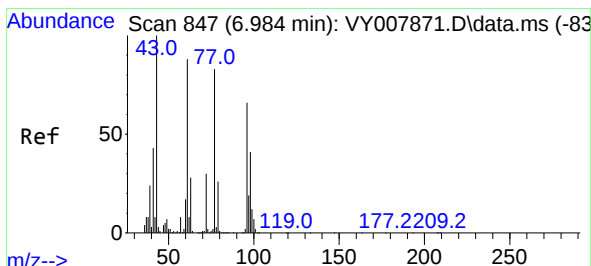
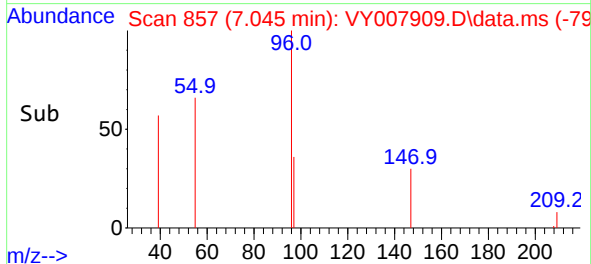
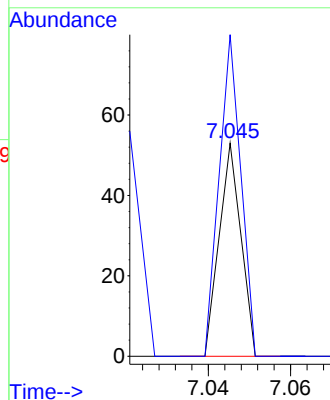
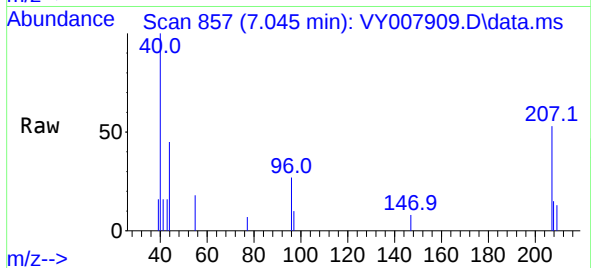




#26
2,2-Dichloropropane
Concen: 14.250 ug/l
RT: 7.045 min Scan# 819
Delta R.T. 0.067 min
Lab File: VY007909.D
Acq: 18 Mar 2022 17:54

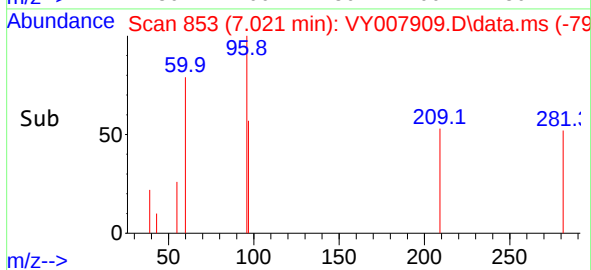
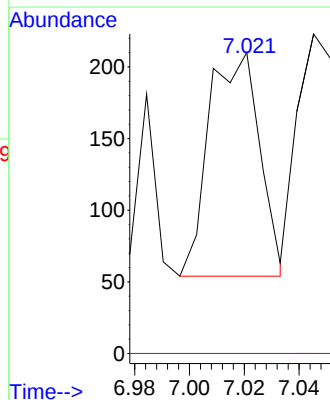
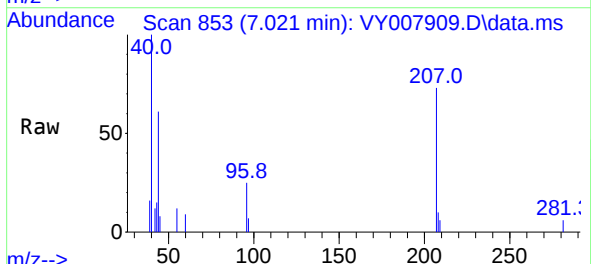
Instrument :
MSVOA_Y
ClientSampleId :
DB-14-(20-25)-3-12-22

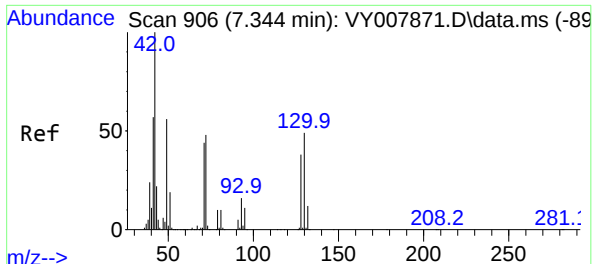
Tgt Ion: 77 Resp: 19
Ion Ratio Lower Upper
77 100
97 152.6 10.4 31.4#



#27
cis-1,2-Dichloroethene
Concen: 210.874 ug/l
RT: 7.021 min Scan# 853
Delta R.T. 0.037 min
Lab File: VY007909.D
Acq: 18 Mar 2022 17:54

Tgt Ion: 96 Resp: 200
Ion Ratio Lower Upper
96 100
61 0.0 0.0 319.8
98 0.0 0.0 127.0

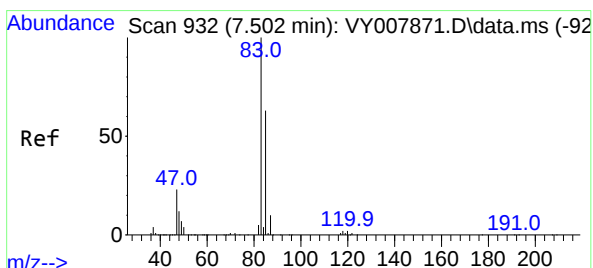
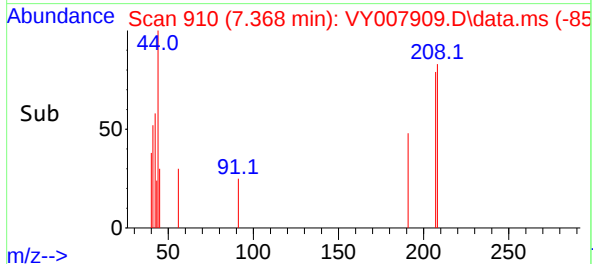
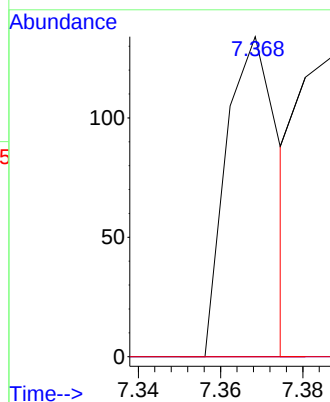
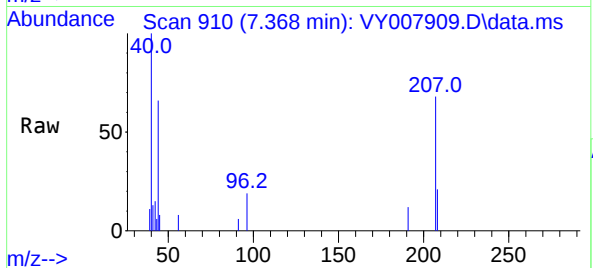




#29
Tetrahydrofuran
Concen: 594.696 ug/l
RT: 7.368 min Scan# 91
Delta R.T. 0.024 min
Lab File: VY007909.D
Acq: 18 Mar 2022 17:54

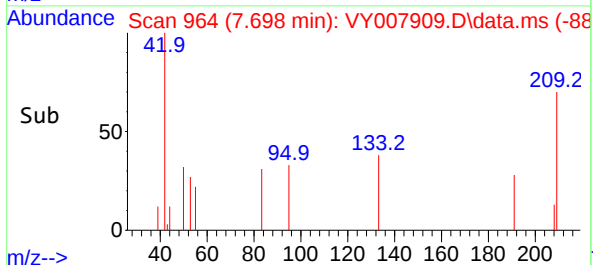
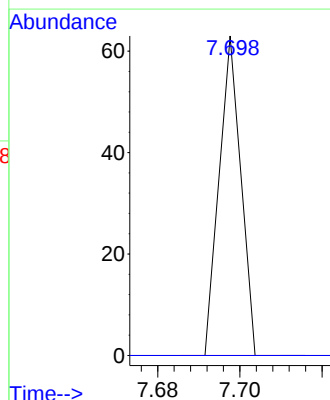
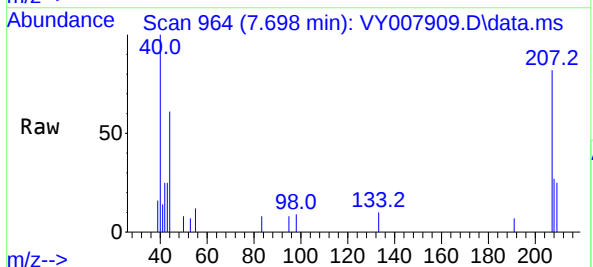
Instrument :
MSVOA_Y
ClientSampleId :
DB-14-(20-25)-3-12-22

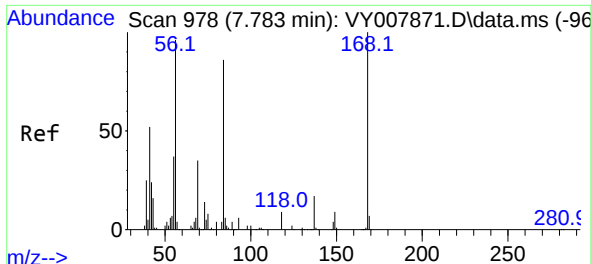
Tgt Ion:	42	Resp:	120
Ion	Ratio	Lower	Upper
42	100		
72	0.0	30.3	45.5#
71	0.0	29.0	43.4#



#30
Chloroform
Concen: 15.468 ug/l
RT: 7.698 min Scan# 964
Delta R.T. 0.189 min
Lab File: VY007909.D
Acq: 18 Mar 2022 17:54

Tgt Ion:	83	Resp:	23
Ion	Ratio	Lower	Upper
83	100		
85	0.0	51.8	77.6#

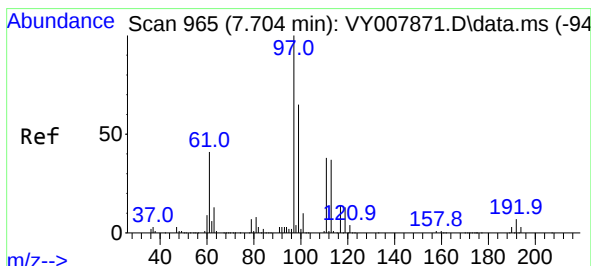
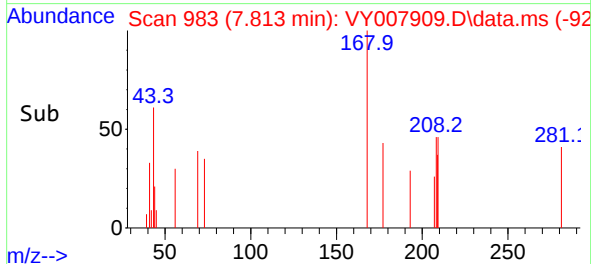
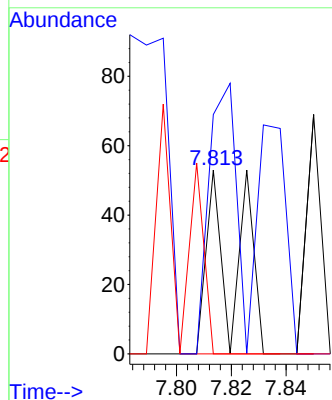
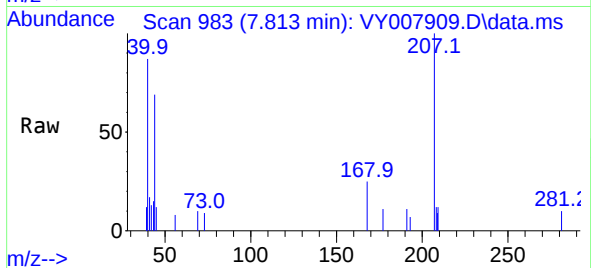




#31
Cyclohexane
Concen: 34.724 ug/l
RT: 7.813 min Scan# 91
Delta R.T. 0.030 min
Lab File: VY007909.D
Acq: 18 Mar 2022 17:54

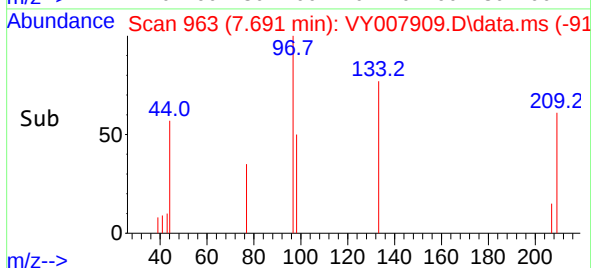
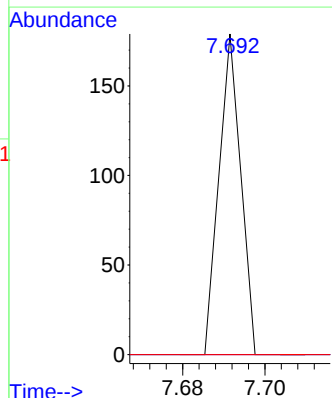
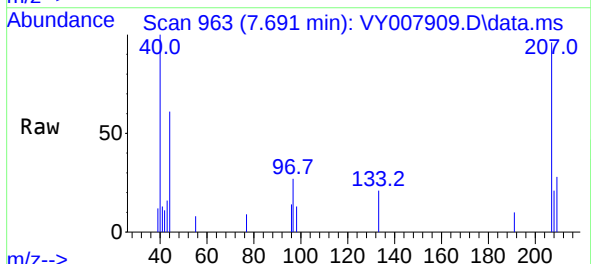
Instrument :
MSVOA_Y
ClientSampleId :
DB-14-(20-25)-3-12-22

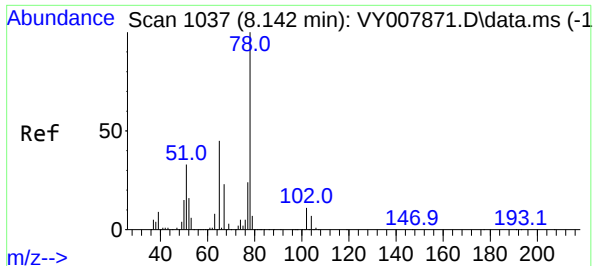
Tgt Ion: 56 Resp: 39
Ion Ratio Lower Upper
56 100
69 130.2 26.7 40.1#
84 0.0 67.2 100.8#



#32
1,1,1-Trichloroethane
Concen: 48.534 ug/l
RT: 7.691 min Scan# 963
Delta R.T. -0.012 min
Lab File: VY007909.D
Acq: 18 Mar 2022 17:54

Tgt Ion: 97 Resp: 65
Ion Ratio Lower Upper
97 100
99 0.0 50.7 76.1#
61 0.0 37.6 56.4#





#33

1,2-Dichloroethane-d4

Concen: 80.958 ug/l

RT: 8.149 min Scan# 1103

Delta R.T. 0.012 min

Lab File: VY007909.D

Acq: 18 Mar 2022 17:54

Instrument :

MSVOA_Y

ClientSampleId :

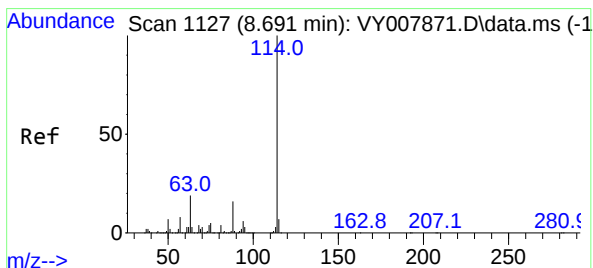
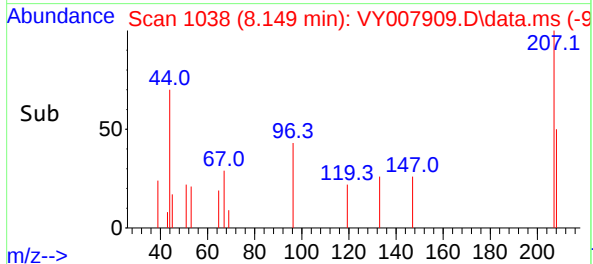
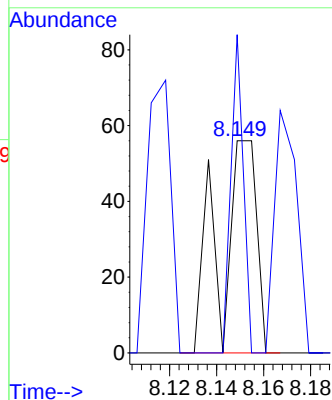
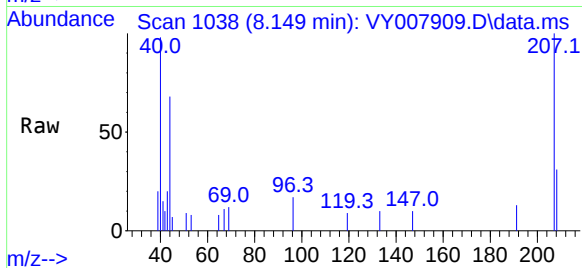
DB-14-(20-25)-3-12-22

Tgt Ion: 65 Resp: 60

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. 0.000 min

Lab File: VY007909.D

Acq: 18 Mar 2022 17:54

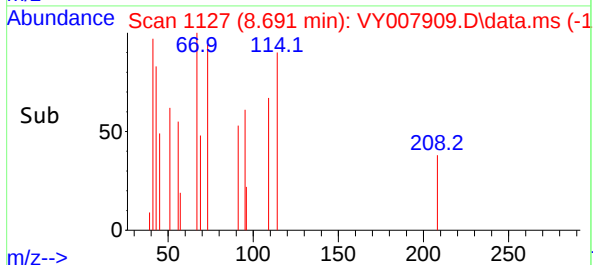
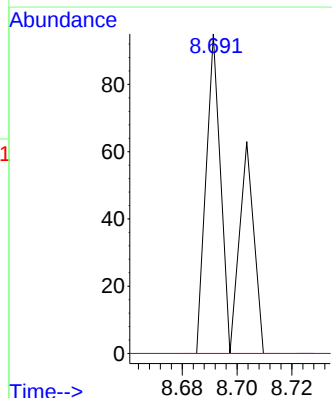
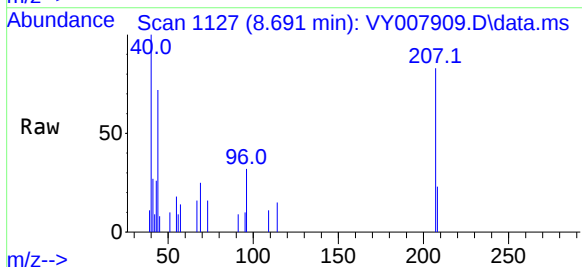
Tgt Ion: 114 Resp: 58

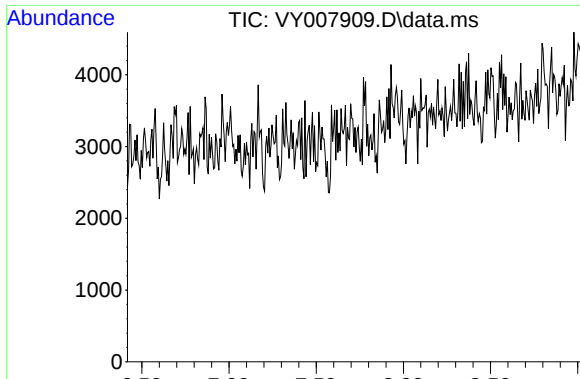
Ion Ratio Lower Upper

114 100

63 0.0 0.0 43.2

88 0.0 0.0 31.8



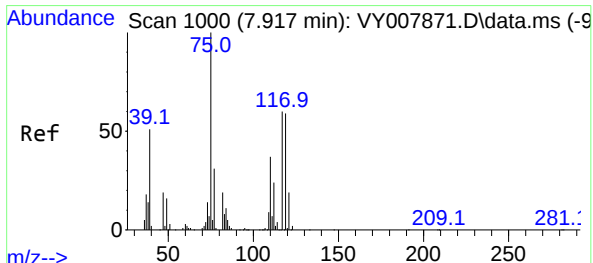
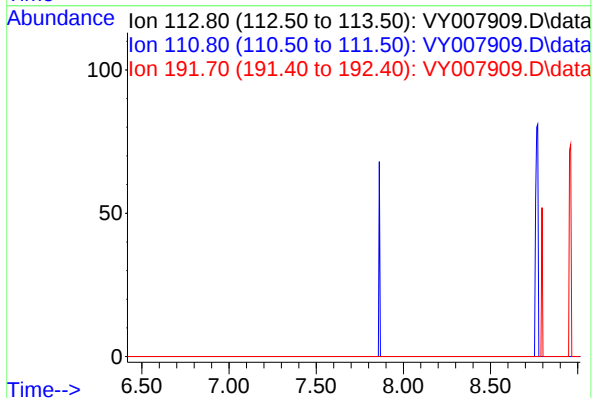


#35
 Dibromofluoromethane
 Concen: 0.000 ug/l
 Expected RT: 7.72 min
 Lab File: VY007909.D
 Acq: 18 Mar 2022 17:54

Instrument :
 MSVOA_Y
 ClientSampleId :
 DB-14-(20-25)-3-12-22

Tgt Ion: 113

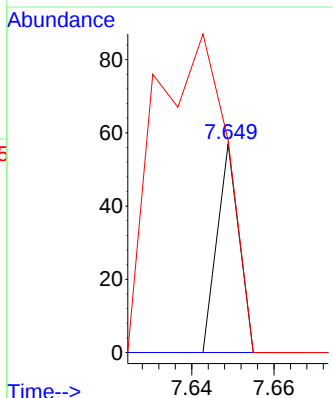
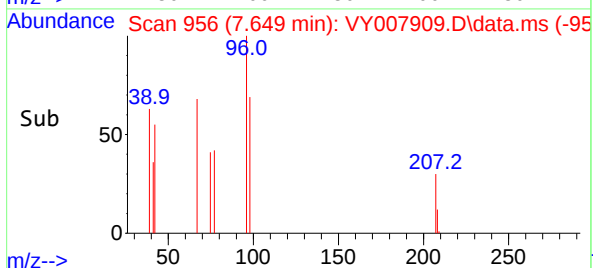
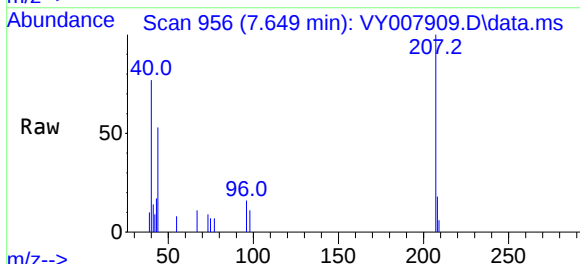
Sig	Exp Ratio
113	100
111	103.3
192	22.0

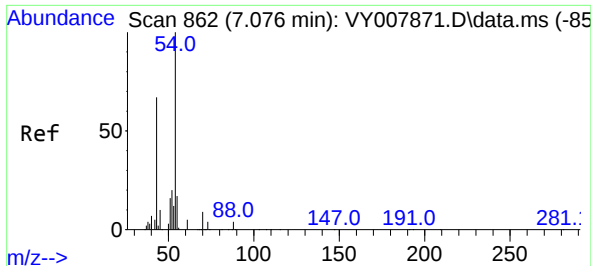


#36
 1,1-Dichloropropene
 Concen: 34.760 ug/l
 RT: 7.649 min Scan# 956
 Delta R.T. -0.268 min
 Lab File: VY007909.D
 Acq: 18 Mar 2022 17:54

Tgt Ion: 75 Resp: 21

Ion	Ratio	Lower	Upper
75	100		
110	0.0	17.1	51.2#
77	252.4	24.4	36.6#

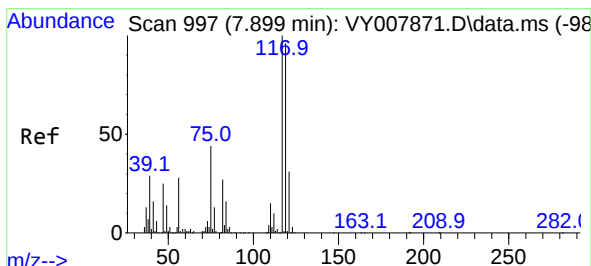
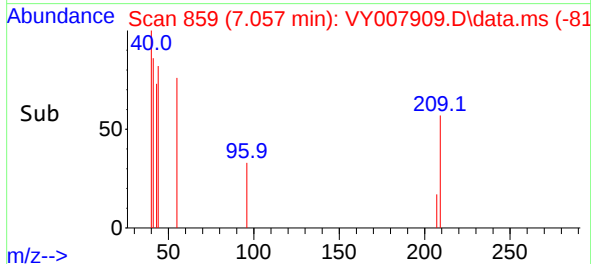
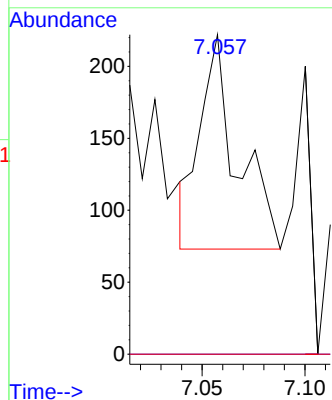
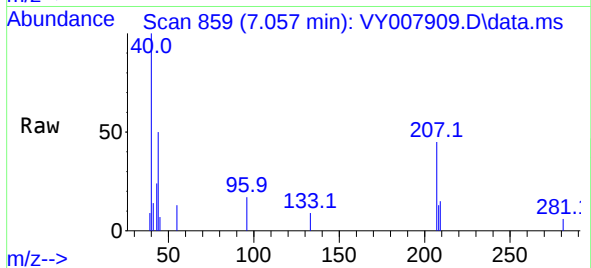




#37
Ethyl Acetate
Concen: 507.276 ug/l
RT: 7.057 min Scan# 81
Delta R.T. -0.012 min
Lab File: VY007909.D
Acq: 18 Mar 2022 17:54

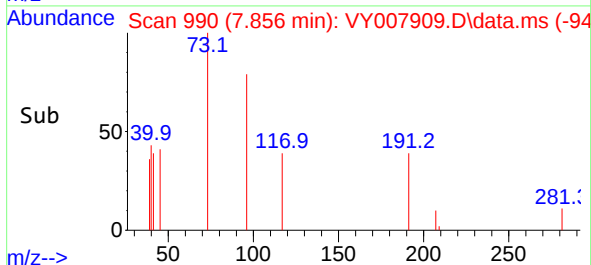
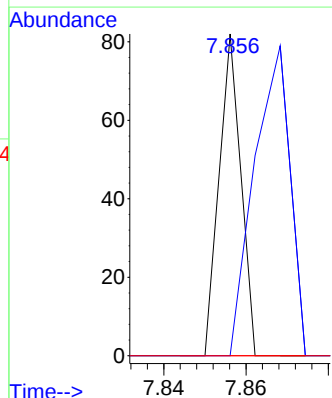
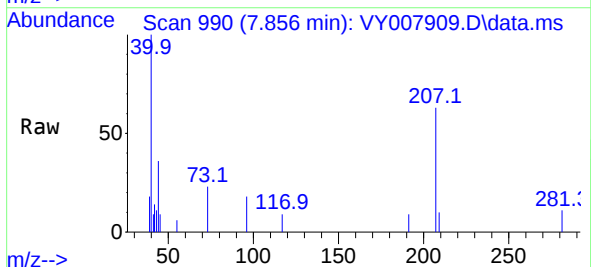
Instrument :
MSVOA_Y
ClientSampleId :
DB-14-(20-25)-3-12-22

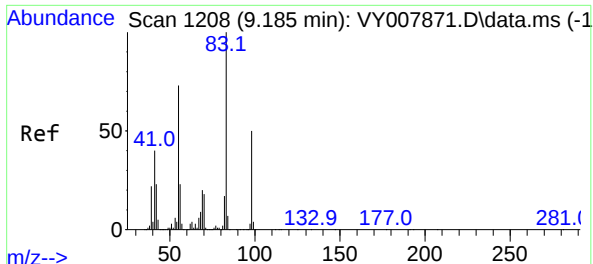
Tgt Ion: 43 Resp: 187
Ion Ratio Lower Upper
43 100
61 0.0 9.7 14.5#
70 0.0 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 46.470 ug/l
RT: 7.856 min Scan# 990
Delta R.T. -0.043 min
Lab File: VY007909.D
Acq: 18 Mar 2022 17:54

Tgt Ion: 117 Resp: 30
Ion Ratio Lower Upper
117 100
119 0.0 77.9 116.9#
121 0.0 24.8 37.2#

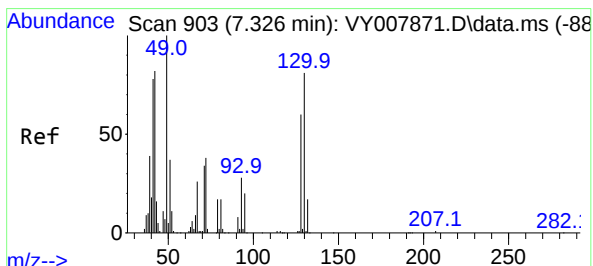
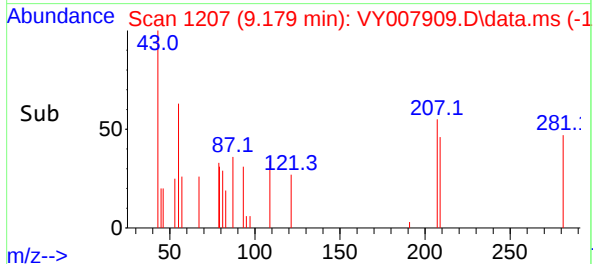
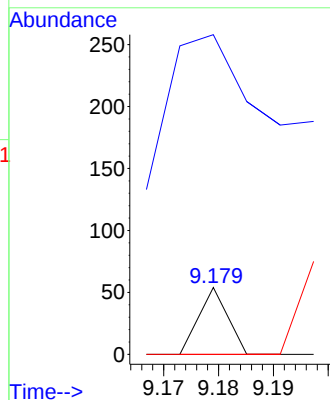
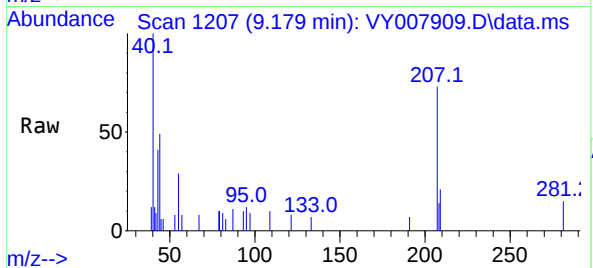




#39
Methylcyclohexane
Concen: 28.510 ug/l
RT: 9.179 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY007909.D
Acq: 18 Mar 2022 17:54

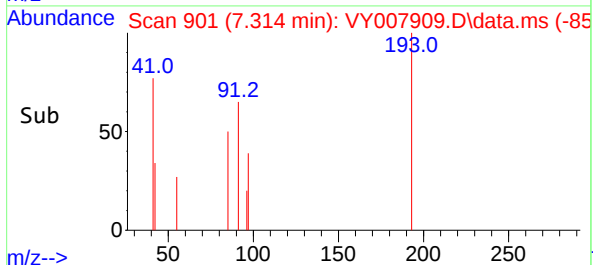
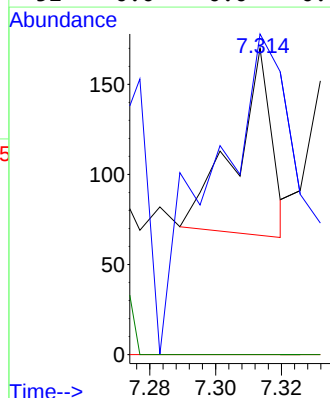
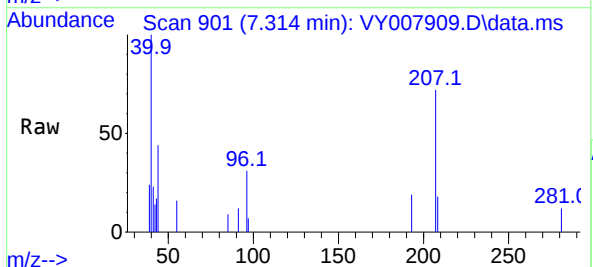
Instrument :
MSVOA_Y
ClientSampleId :
DB-14-(20-25)-3-12-22

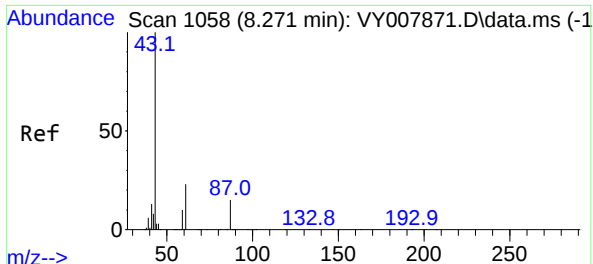
Tgt Ion: 83 Resp: 20
Ion Ratio Lower Upper
83 100
55 135.2 66.5 99.7#
98 0.0 37.9 56.9#



#41
Methacrylonitrile
Concen: 351.891 ug/l
RT: 7.314 min Scan# 901
Delta R.T. 0.006 min
Lab File: VY007909.D
Acq: 18 Mar 2022 17:54

Tgt Ion: 41 Resp: 80
Ion Ratio Lower Upper
41 100
39 410.0 92.9 139.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0





#43

Isopropyl Acetate

Concen: 360.218 ug/l

RT: 8.265 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VY007909.D

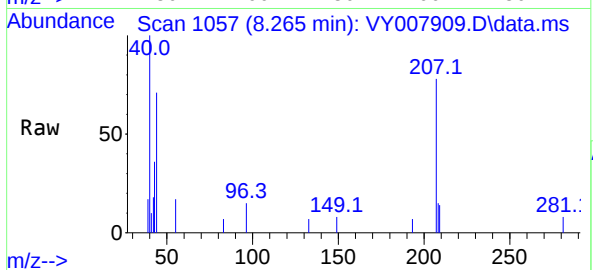
Acq: 18 Mar 2022 17:54

Instrument :

MSVOA_Y

ClientSampleId :

DB-14-(20-25)-3-12-22



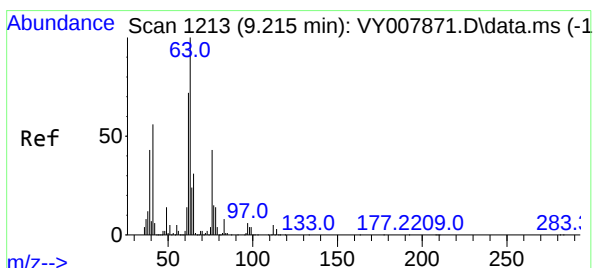
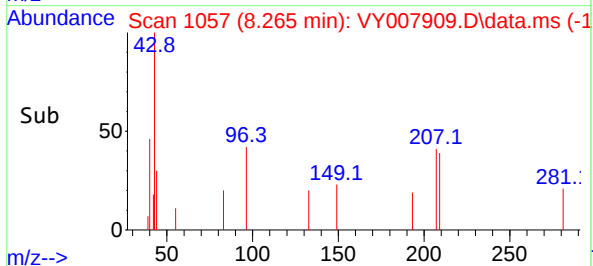
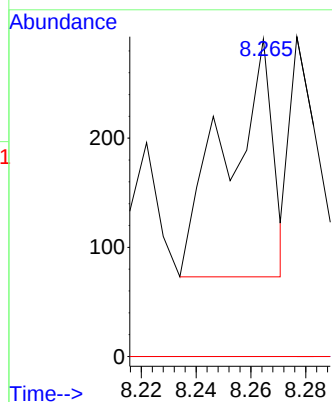
Tgt Ion: 43 Resp: 256

Ion Ratio Lower Upper

43 100

61 0.0 20.2 30.2#

87 0.0 8.9 13.3#



#45

1,2-Dichloropropane

Concen: 52.501 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.085 min

Lab File: VY007909.D

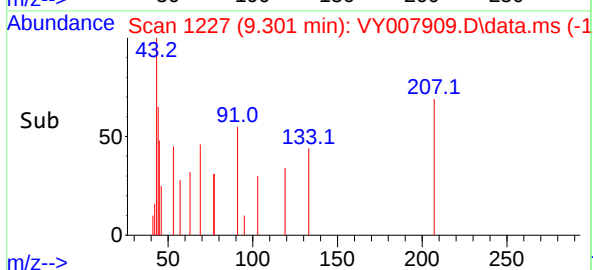
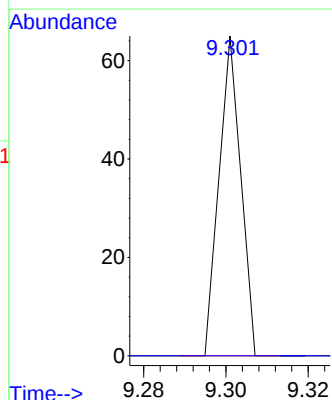
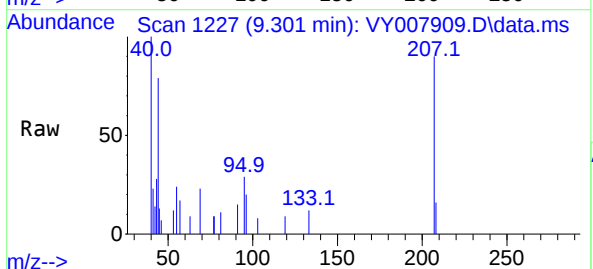
Acq: 18 Mar 2022 17:54

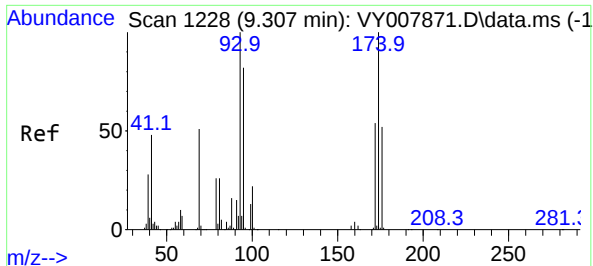
Tgt Ion: 63 Resp: 24

Ion Ratio Lower Upper

63 100

65 0.0 23.0 34.6#





#46

Dibromomethane

Concen: 93.485 ug/l

RT: 9.313 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY007909.D

Acq: 18 Mar 2022 17:54

Instrument :

MSVOA_Y

ClientSampleId :

DB-14-(20-25)-3-12-22

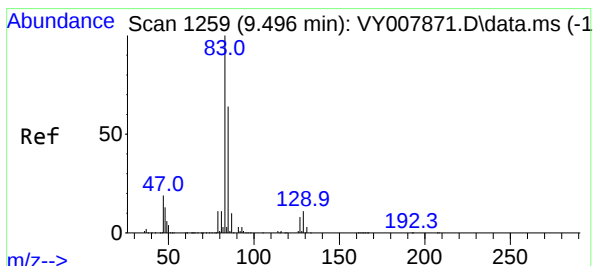
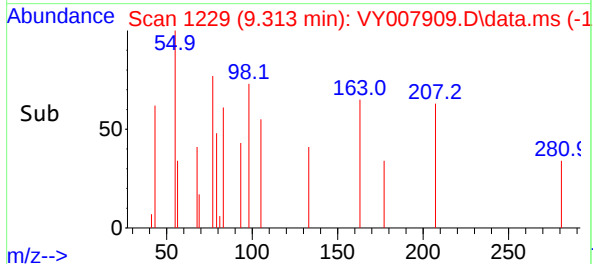
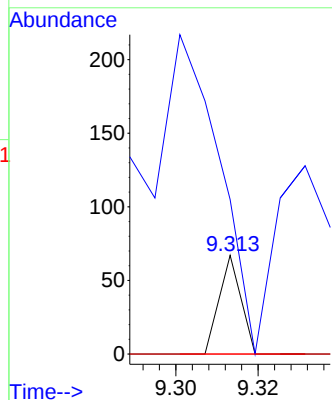
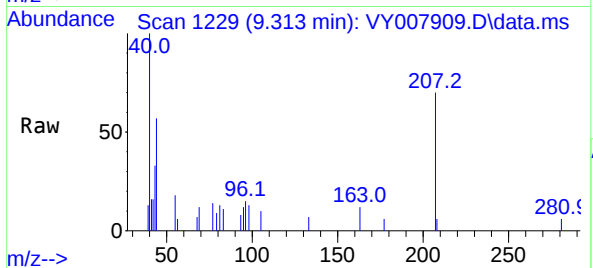
Tgt Ion: 93 Resp: 25

Ion Ratio Lower Upper

93 100

95 1076.0 64.3 96.5#

174 0.0 83.4 125.0#



#47

Bromodichloromethane

Concen: 117.638 ug/l

RT: 9.514 min Scan# 1262

Delta R.T. 0.018 min

Lab File: VY007909.D

Acq: 18 Mar 2022 17:54

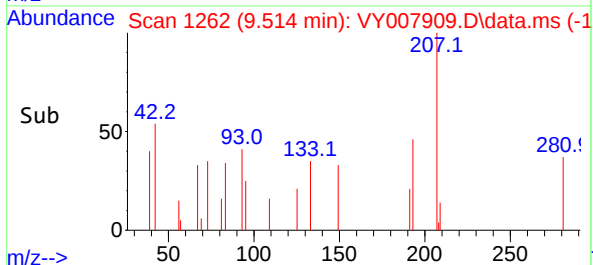
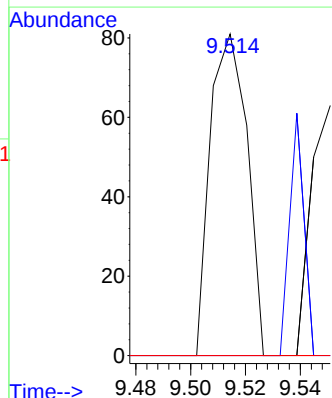
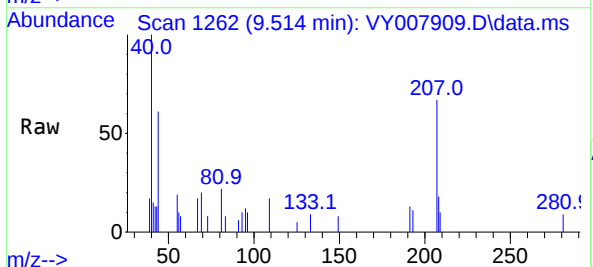
Tgt Ion: 83 Resp: 76

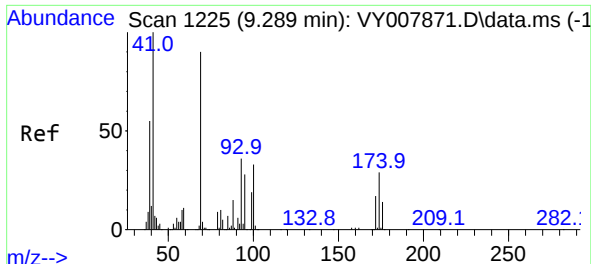
Ion Ratio Lower Upper

83 100

85 0.0 51.9 77.9#

127 0.0 6.6 10.0#





#48

Methyl methacrylate

Concen: 284.684 ug/l

RT: 9.289 min Scan# 1225

Delta R.T. 0.000 min

Lab File: VY007909.D

Acq: 18 Mar 2022 17:54

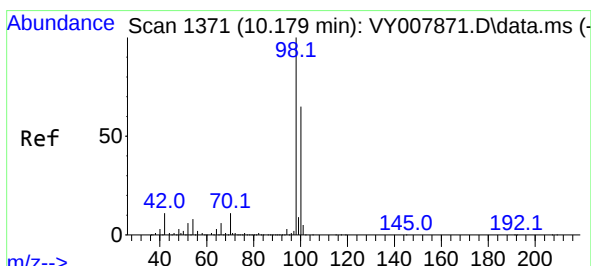
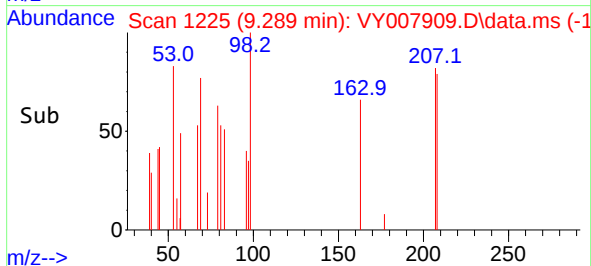
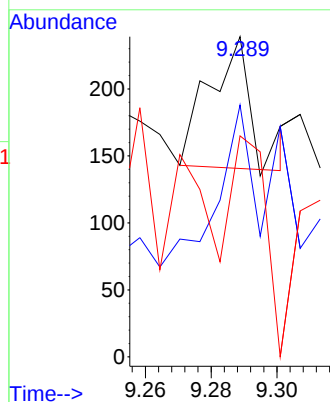
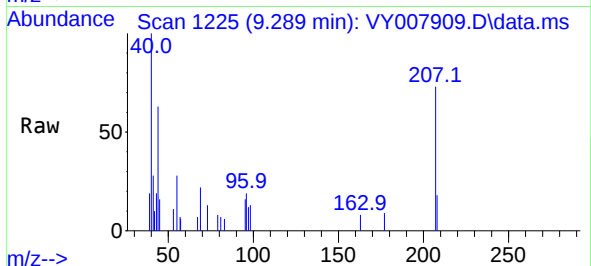
Instrument :

MSVOA_Y

ClientSampleId :

DB-14-(20-25)-3-12-22

Tgt Ion: 41	Resp:	90
Ion Ratio	Lower	Upper
41	100	
69	230.0	58.2 87.2#
39	0.0	47.4 71.0#



#50

Toluene-d8

Concen: 135.883 ug/l

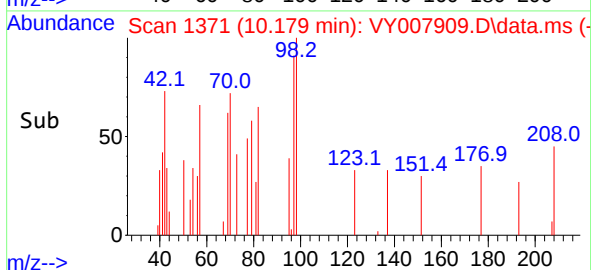
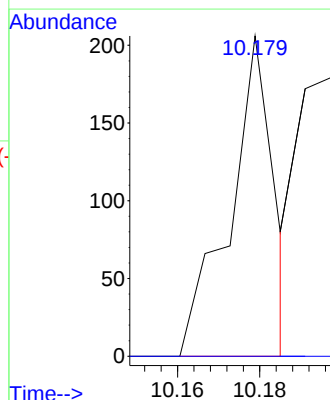
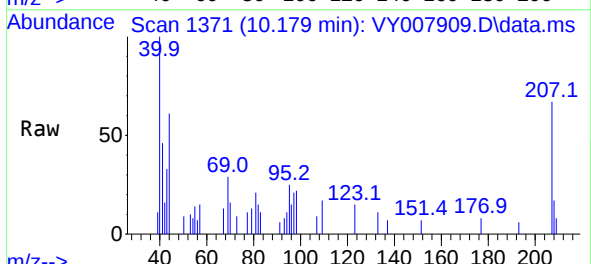
RT: 10.179 min Scan# 1371

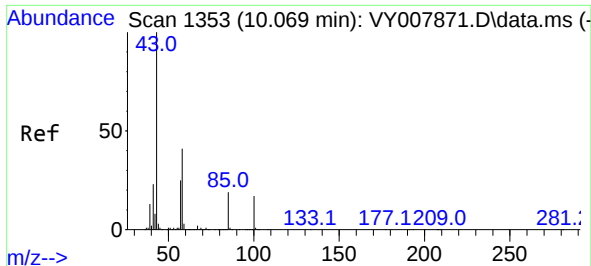
Delta R.T. 0.000 min

Lab File: VY007909.D

Acq: 18 Mar 2022 17:54

Tgt Ion: 98	Resp:	155
Ion Ratio	Lower	Upper
98	100	
100	0.0	50.2 75.2#





#51

4-Methyl-2-Pentanone

Concen: 838.602 ug/l

RT: 10.075 min Scan# 1417

Delta R.T. 0.006 min

Lab File: VY007909.D

Acq: 18 Mar 2022 17:54

Instrument :

MSVOA_Y

ClientSampleId :

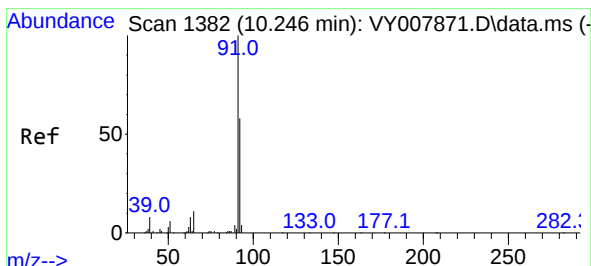
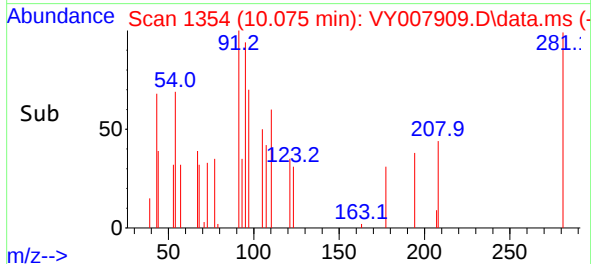
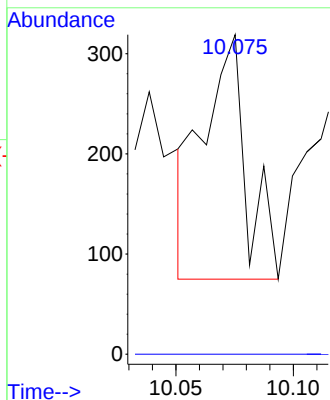
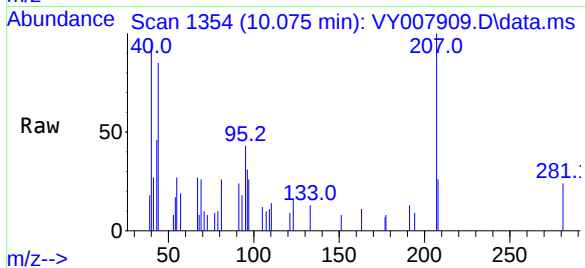
DB-14-(20-25)-3-12-22

Tgt Ion: 43 Resp: 314

Ion Ratio Lower Upper

43 100

58 0.0 28.1 42.1#



#52

Toluene

Concen: 82.026 ug/l

RT: 10.459 min Scan# 1417

Delta R.T. 0.213 min

Lab File: VY007909.D

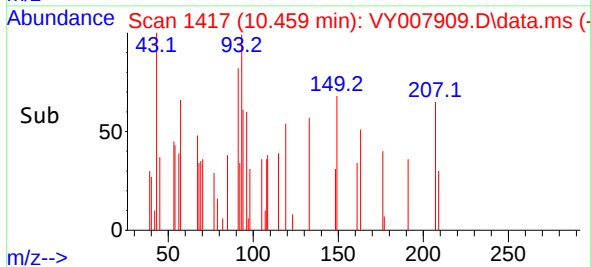
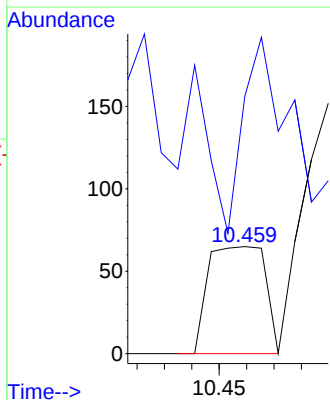
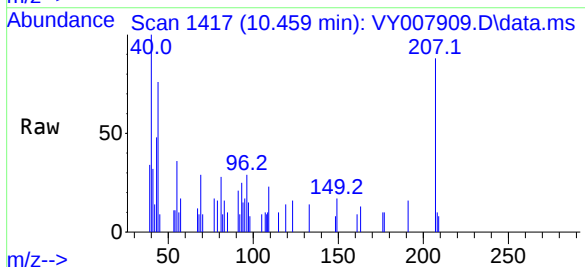
Acq: 18 Mar 2022 17:54

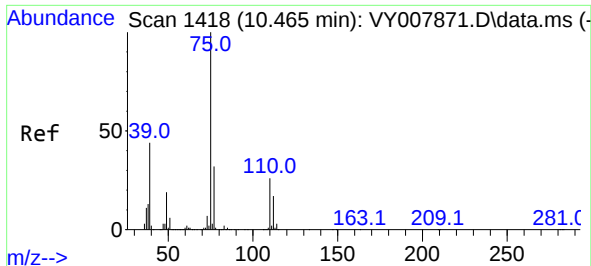
Tgt Ion: 92 Resp: 93

Ion Ratio Lower Upper

92 100

91 143.0 142.6 213.8

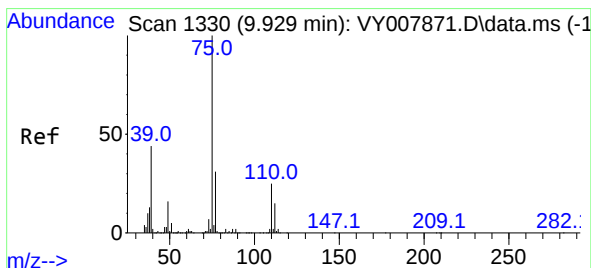
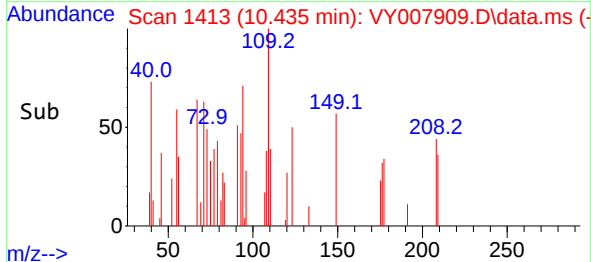
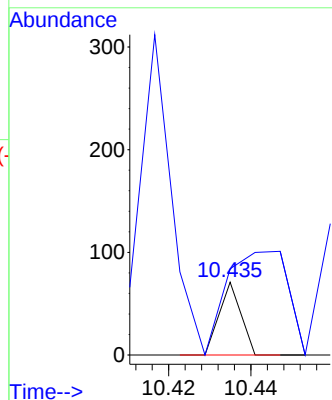
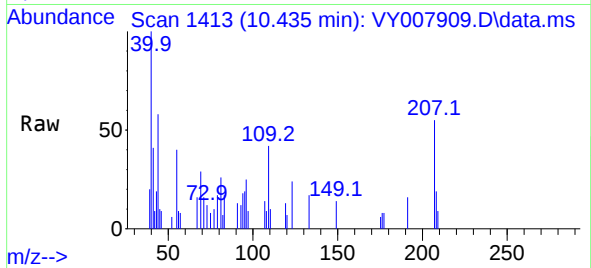




#53
t-1,3-Dichloropropene
Concen: 37.725 ug/l
RT: 10.435 min Scan# 1413
Delta R.T. -0.030 min
Lab File: VY007909.D
Acq: 18 Mar 2022 17:54

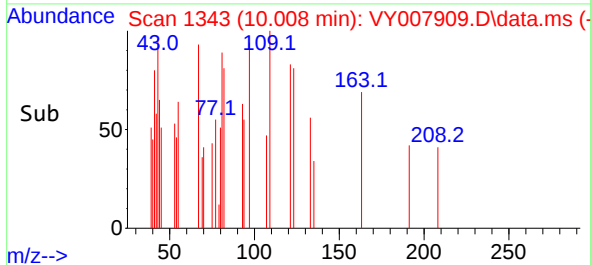
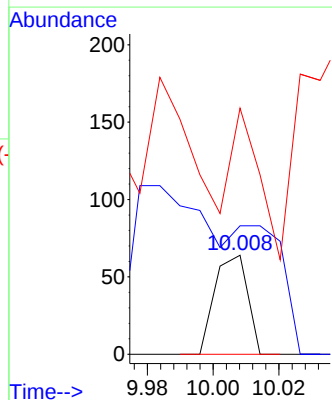
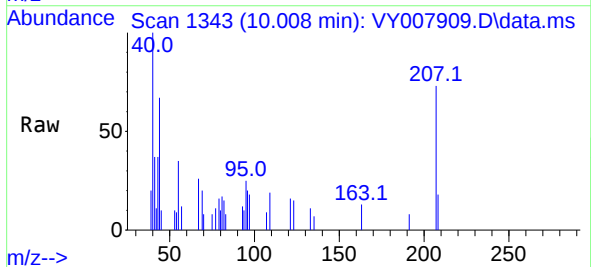
Instrument :
MSVOA_Y
ClientSampleId :
DB-14-(20-25)-3-12-22

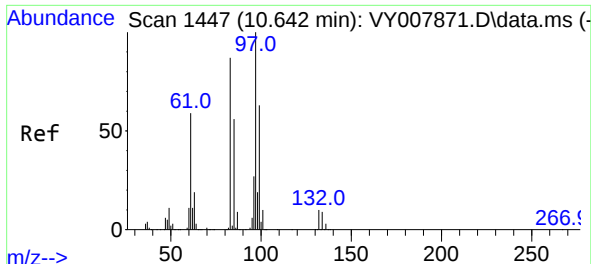
Tgt Ion: 75 Resp: 26
Ion Ratio Lower Upper
75 100
77 4.2 25.4 38.2#



#54
cis-1,3-Dichloropropene
Concen: 57.251 ug/l
RT: 10.008 min Scan# 1343
Delta R.T. 0.079 min
Lab File: VY007909.D
Acq: 18 Mar 2022 17:54

Tgt Ion: 75 Resp: 44
Ion Ratio Lower Upper
75 100
77 15.6 25.6 38.4#
39 153.1 47.6 71.4#

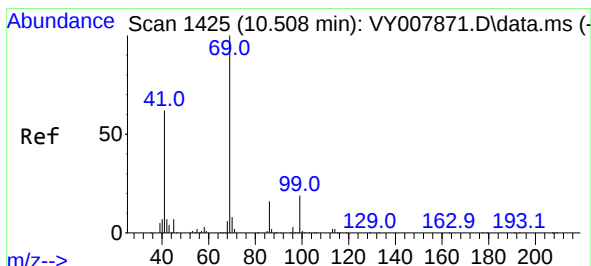
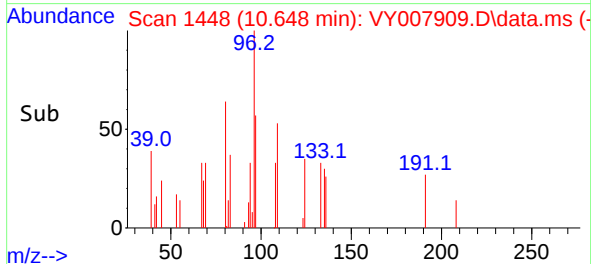
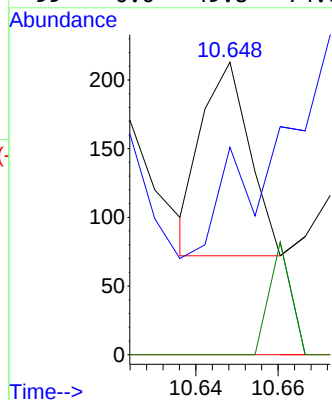
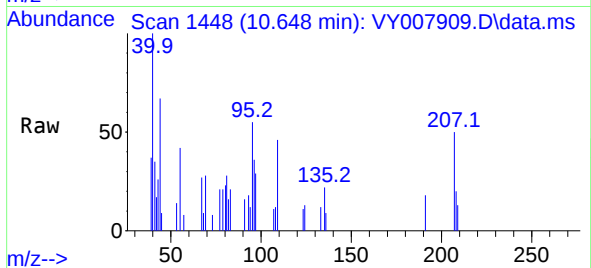




#55
1,1,2-Trichloroethane
Concen: 290.846 ug/l
RT: 10.648 min Scan# 1447
Delta R.T. 0.006 min
Lab File: VY007909.D
Acq: 18 Mar 2022 17:54

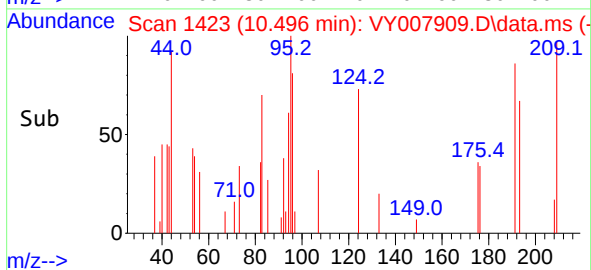
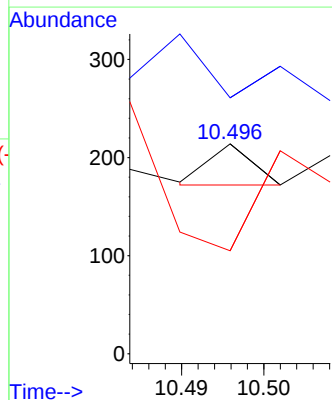
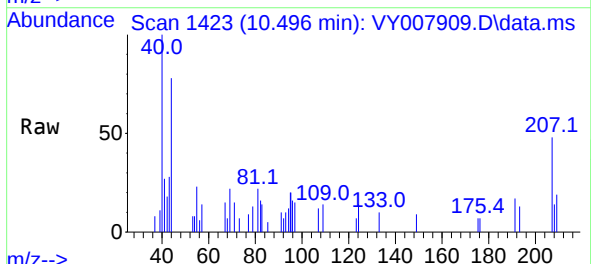
Instrument :
MSVOA_Y
ClientSampleId :
DB-14-(20-25)-3-12-22

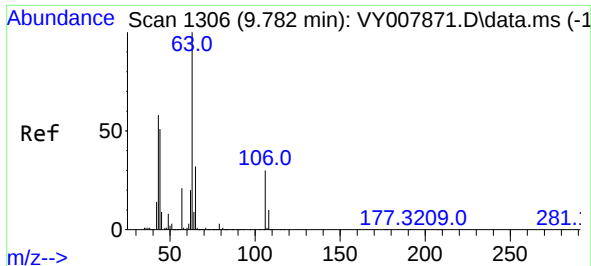
Tgt Ion:	97	Resp:	113
Ion	Ratio	Lower	Upper
97	100		
83	57.4	69.8	104.8#
85	0.0	44.3	66.5#
99	0.0	49.8	74.6#



#56
Ethyl methacrylate
Concen: 26.893 ug/l
RT: 10.496 min Scan# 1423
Delta R.T. -0.012 min
Lab File: VY007909.D
Acq: 18 Mar 2022 17:54

Tgt Ion:	69	Resp:	15
Ion	Ratio	Lower	Upper
69	100		
41	806.7	63.4	95.0#
39	646.7	35.8	53.8#

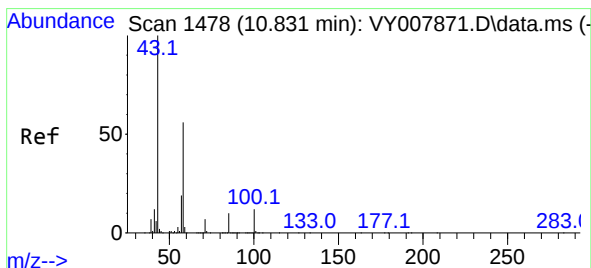
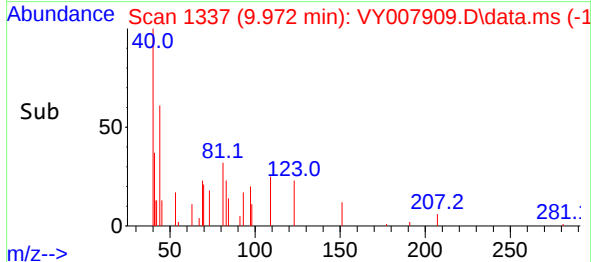
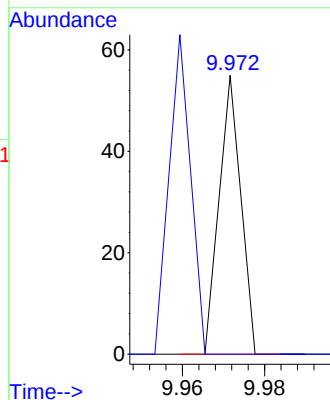
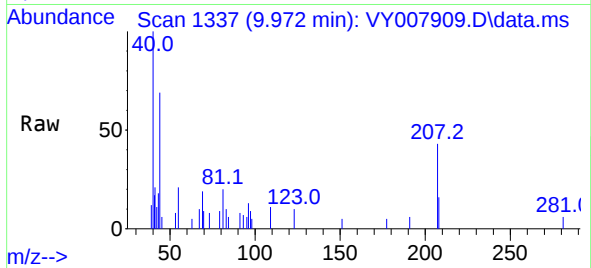




#58
2-Chloroethyl Vinyl ether
Concen: 73.095 ug/l
RT: 9.972 min Scan# 11
Delta R.T. 0.189 min
Lab File: VY007909.D
Acq: 18 Mar 2022 17:54

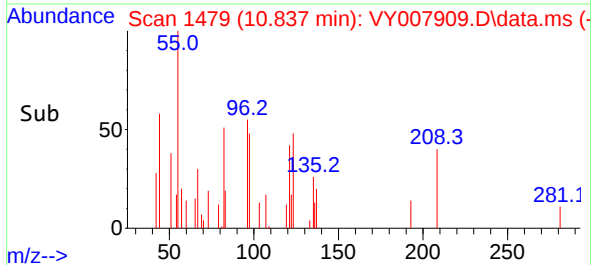
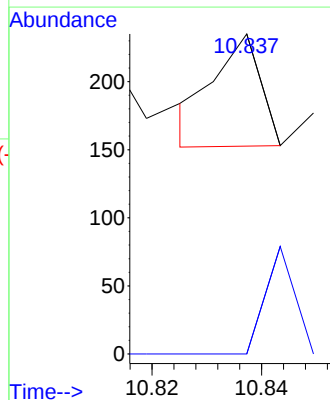
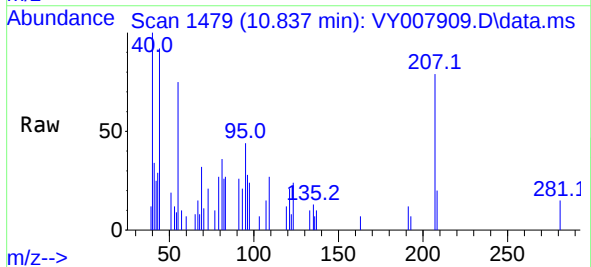
Instrument :
MSVOA_Y
ClientSampleId :
DB-14-(20-25)-3-12-22

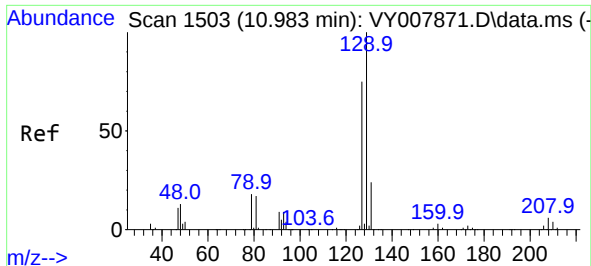
Tgt Ion: 63 Resp: 20
Ion Ratio Lower Upper
63 100
106 115.0 21.5 32.3#



#59
2-Hexanone
Concen: 179.264 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. 0.006 min
Lab File: VY007909.D
Acq: 18 Mar 2022 17:54

Tgt Ion: 43 Resp: 48
Ion Ratio Lower Upper
43 100
58 60.4 24.4 73.4

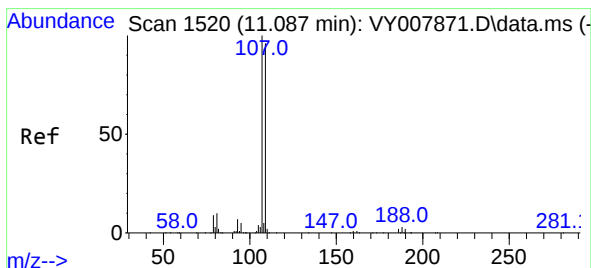
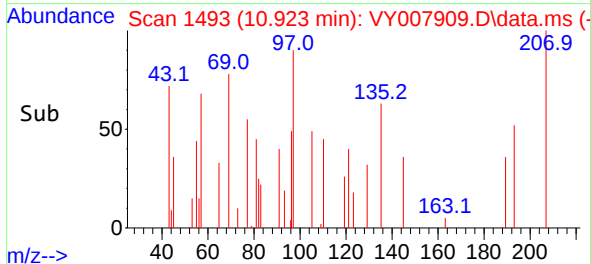
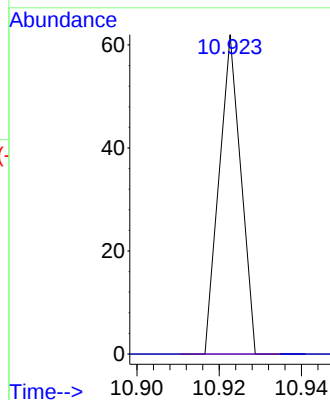
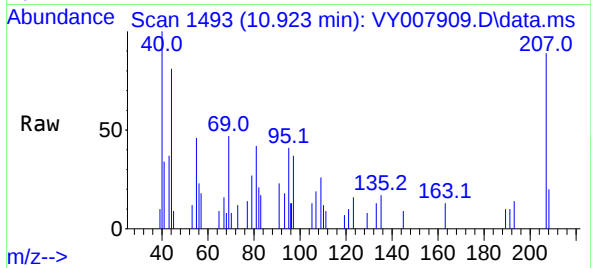




#60
Dibromochloromethane
Concen: 49.428 ug/l
RT: 10.923 min Scan# 1493
Delta R.T. -0.061 min
Lab File: VY007909.D
Acq: 18 Mar 2022 17:54

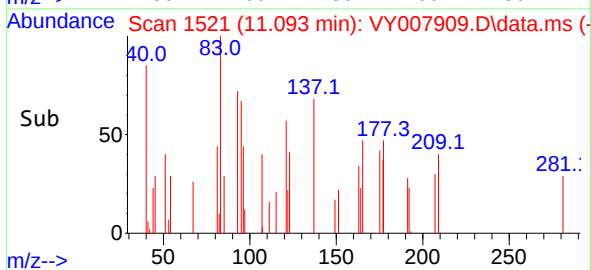
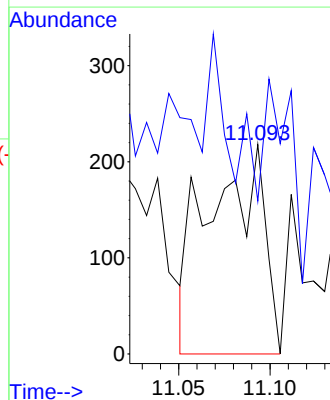
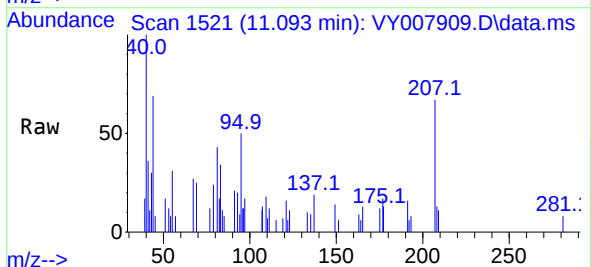
Instrument :
MSVOA_Y
ClientSampleId :
DB-14-(20-25)-3-12-22

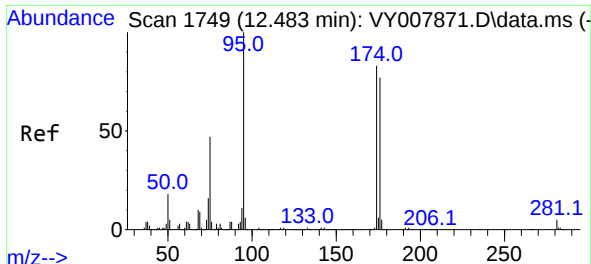
Tgt Ion:129 Resp: 23
Ion Ratio Lower Upper
129 100
127 0.0 38.7 116.1#



#61
1,2-Dibromoethane
Concen: 1213.201 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. 0.006 min
Lab File: VY007909.D
Acq: 18 Mar 2022 17:54

Tgt Ion:107 Resp: 456
Ion Ratio Lower Upper
107 100
109 45.0 75.4 113.2#

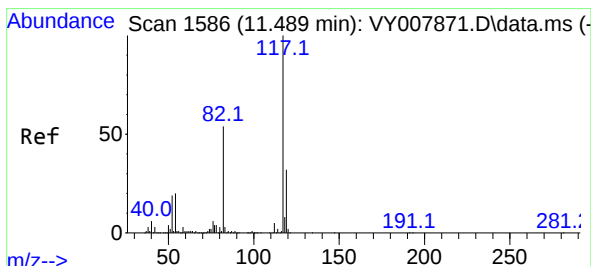
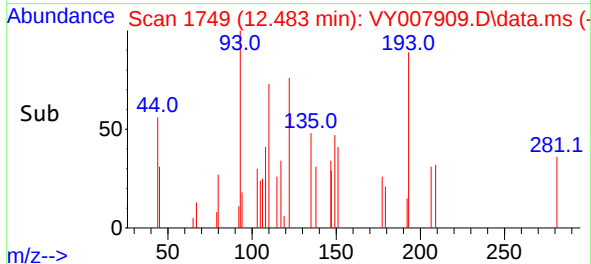
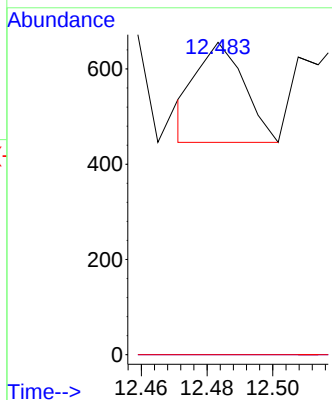
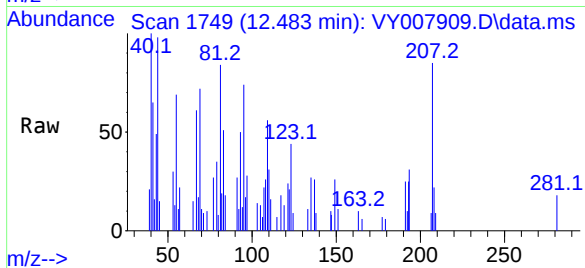




#62
4-Bromofluorobenzene
Concen: 359.223 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY007909.D
Acq: 18 Mar 2022 17:54

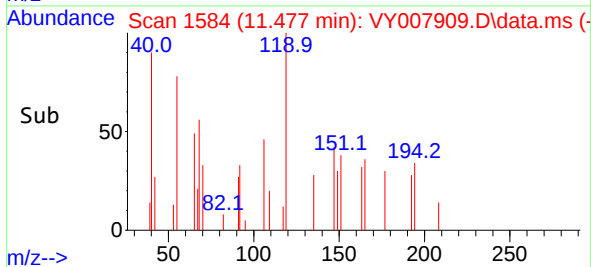
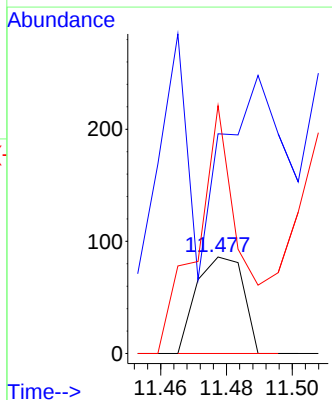
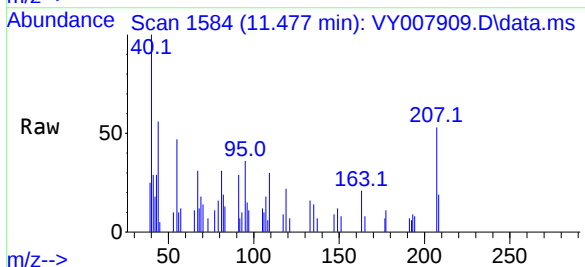
Instrument :
MSVOA_Y
ClientSampleId :
DB-14-(20-25)-3-12-22

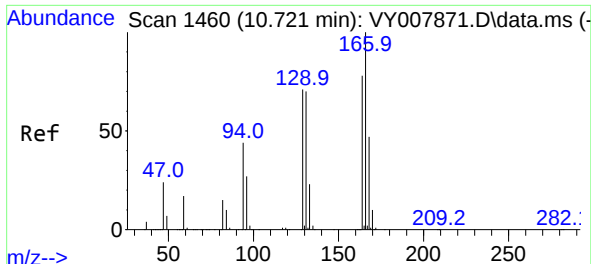
Tgt Ion:	95	Resp:	210
Ion Ratio	100	Lower	Upper
174	0.0	0.0	177.0
176	0.0	0.0	175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.477 min Scan# 1584
Delta R.T. -0.012 min
Lab File: VY007909.D
Acq: 18 Mar 2022 17:54

Tgt Ion:	117	Resp:	85
Ion Ratio	100	Lower	Upper
82	0.0	43.0	64.4#
119	173.3	25.4	38.0#

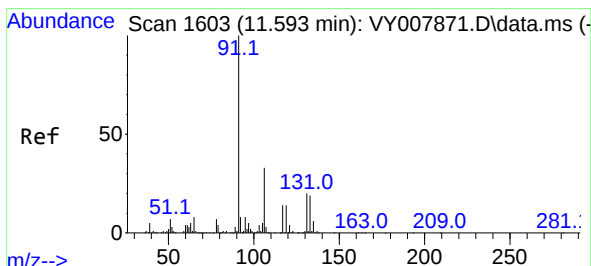
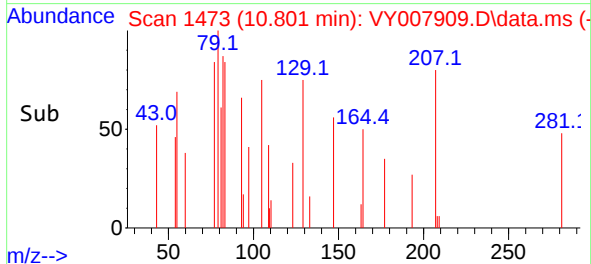
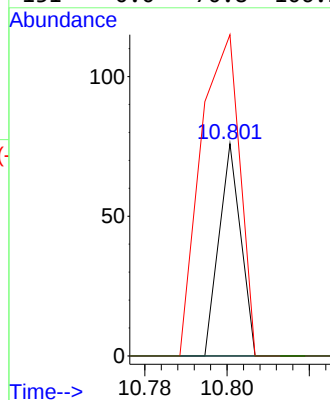
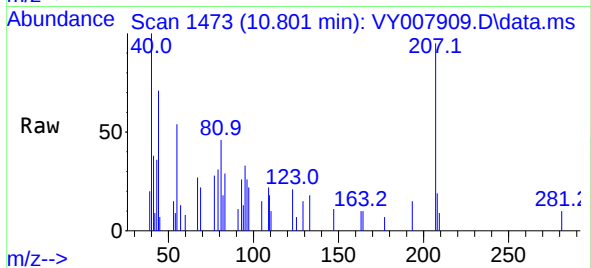




#64
Tetrachloroethene
Concen: 42.332 ug/l
RT: 10.801 min Scan# 1460
Delta R.T. 0.079 min
Lab File: VY007909.D
Acq: 18 Mar 2022 17:54

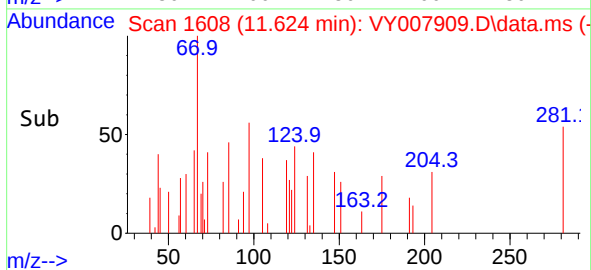
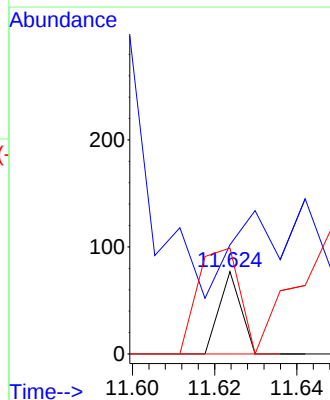
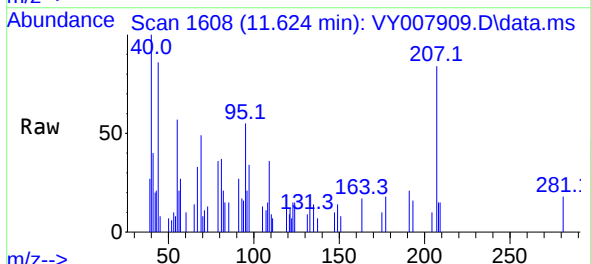
Instrument :
MSVOA_Y
ClientSampleId :
DB-14-(20-25)-3-12-22

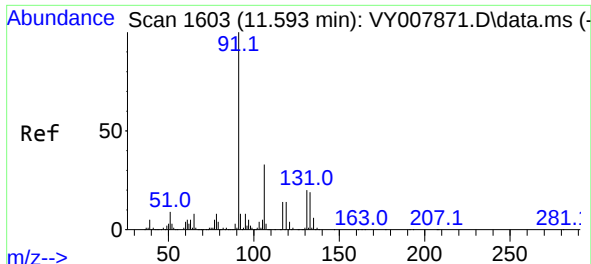
Tgt Ion:164	Resp:	28
Ion	Ratio	Lower Upper
164	100	
166	0.0	100.4 150.6#
129	151.3	71.4 107.0#
131	0.0	70.8 106.2#



#66
1,1,1,2-Tetrachloroethane
Concen: 36.523 ug/l
RT: 11.624 min Scan# 1608
Delta R.T. 0.030 min
Lab File: VY007909.D
Acq: 18 Mar 2022 17:54

Tgt Ion:131	Resp:	28
Ion	Ratio	Lower Upper
131	100	
133	217.9	47.9 143.6#
119	246.4	30.8 92.3#

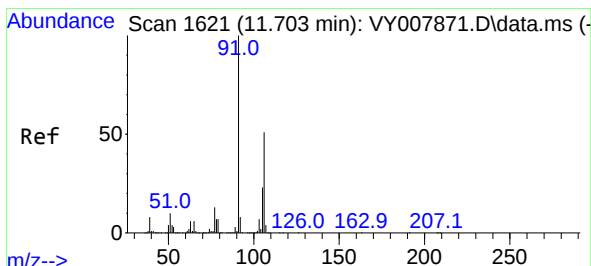
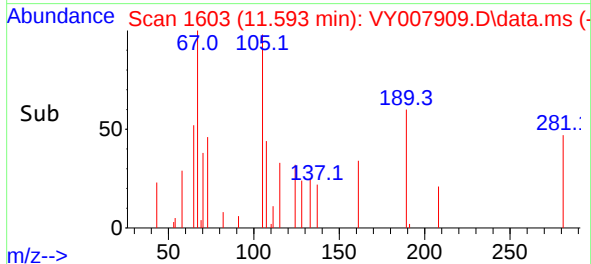
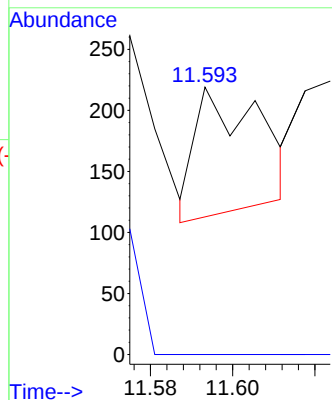
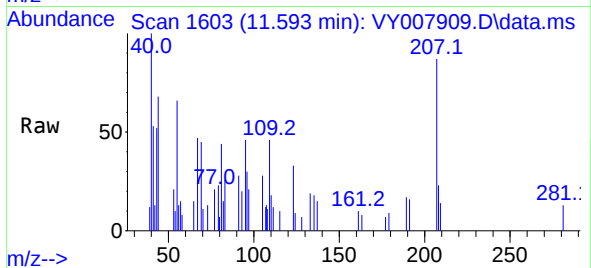




#67
Ethyl Benzene
Concen: 30.879 ug/l
RT: 11.593 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VY007909.D
Acq: 18 Mar 2022 17:54

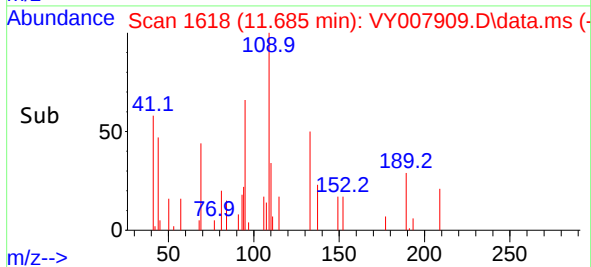
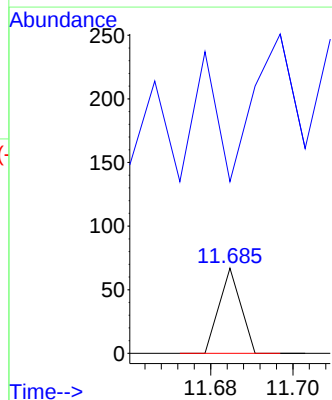
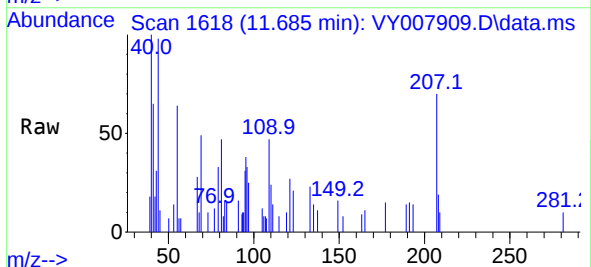
Instrument :
MSVOA_Y
ClientSampleId :
DB-14-(20-25)-3-12-22

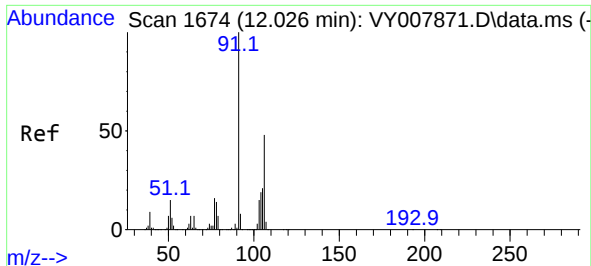
Tgt Ion: 91 Resp: 112
Ion Ratio Lower Upper
91 100
106 0.0 24.5 36.7#



#68
m/p-Xylenes
Concen: 17.670 ug/l
RT: 11.685 min Scan# 1618
Delta R.T. -0.018 min
Lab File: VY007909.D
Acq: 18 Mar 2022 17:54

Tgt Ion:106 Resp: 25
Ion Ratio Lower Upper
106 100
91 116.0 166.6 249.8#

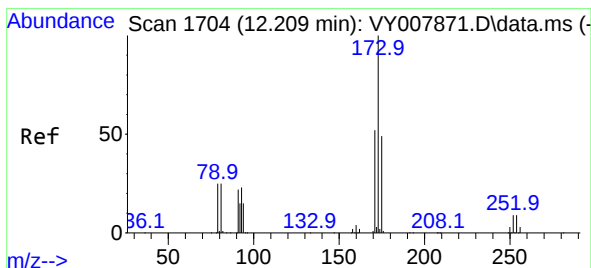
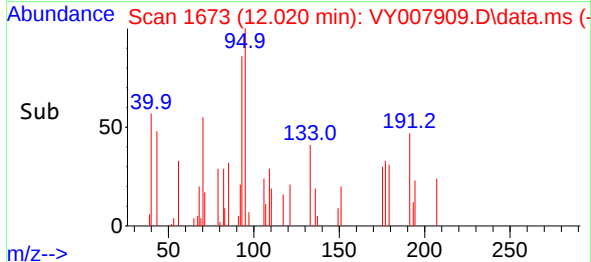
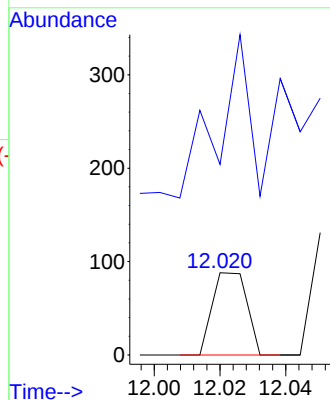
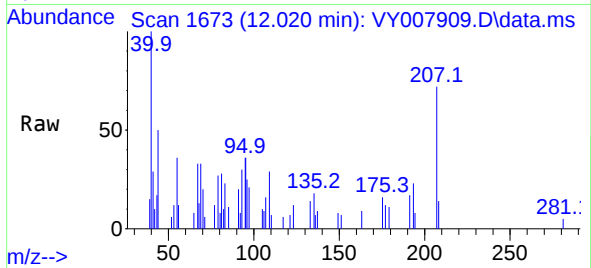




#69
o-Xylene
Concen: 46.764 ug/l
RT: 12.020 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY007909.D
Acq: 18 Mar 2022 17:54

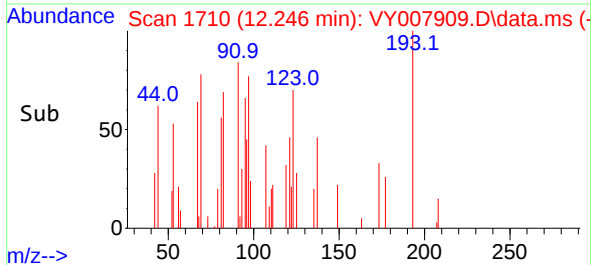
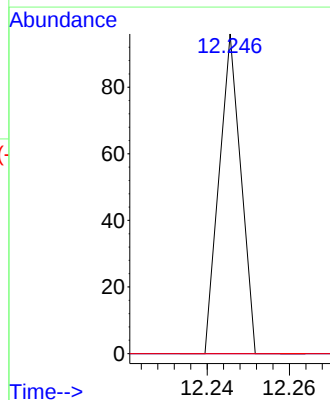
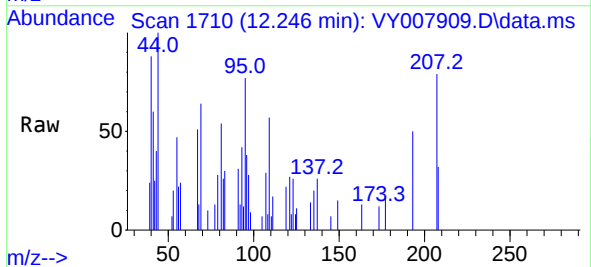
Instrument :
MSVOA_Y
ClientSampleId :
DB-14-(20-25)-3-12-22

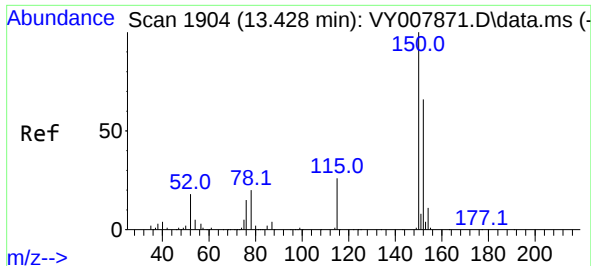
Tgt Ion:106 Resp: 64
Ion Ratio Lower Upper
106 100
91 175.0 110.3 331.0



#71
Bromoform
Concen: 71.277 ug/l
RT: 12.246 min Scan# 1710
Delta R.T. 0.037 min
Lab File: VY007909.D
Acq: 18 Mar 2022 17:54

Tgt Ion:173 Resp: 35
Ion Ratio Lower Upper
173 100
175 0.0 24.6 74.0#
254 0.0 0.0 0.0

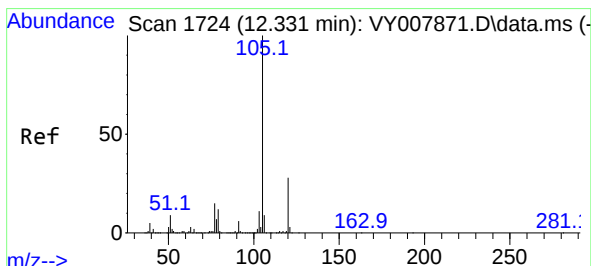
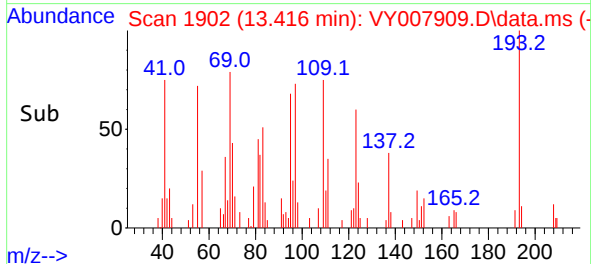
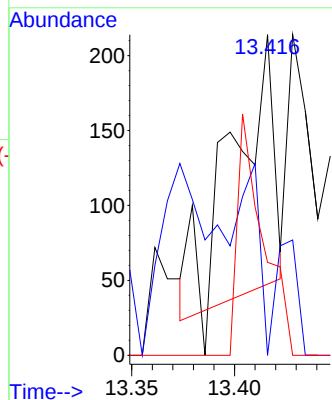
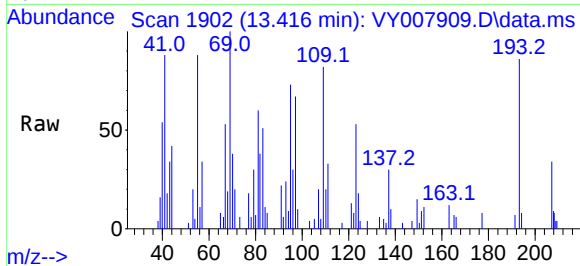




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.416 min Scan# 1904
Delta R.T. -0.012 min
Lab File: VY007909.D
Acq: 18 Mar 2022 17:54

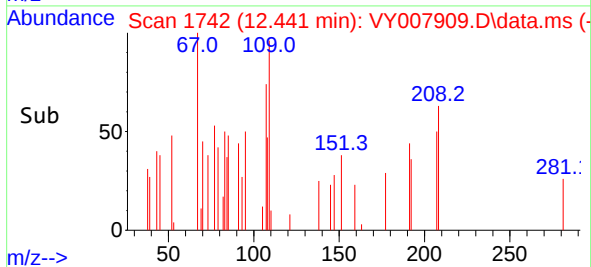
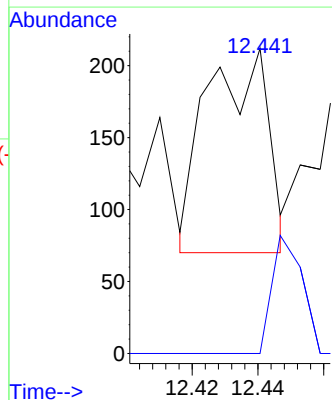
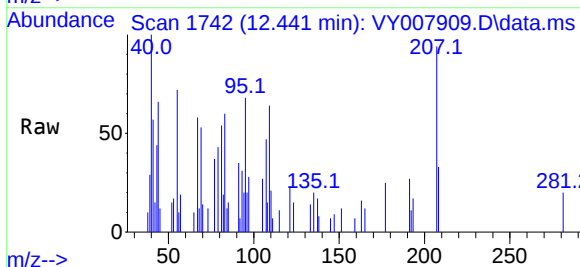
Instrument :
MSVOA_Y
ClientSampleId :
DB-14-(20-25)-3-12-22

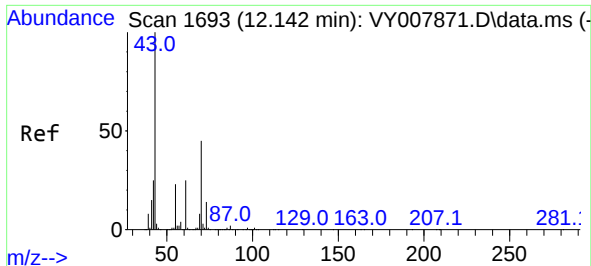
Tgt Ion:152 Resp: 234
Ion Ratio Lower Upper
152 100
115 36.8 28.2 84.7
150 59.4 0.0 347.6



#73
Isopropylbenzene
Concen: 8.885 ug/l
RT: 12.441 min Scan# 1742
Delta R.T. 0.110 min
Lab File: VY007909.D
Acq: 18 Mar 2022 17:54

Tgt Ion:105 Resp: 183
Ion Ratio Lower Upper
105 100
120 28.4 13.4 40.2

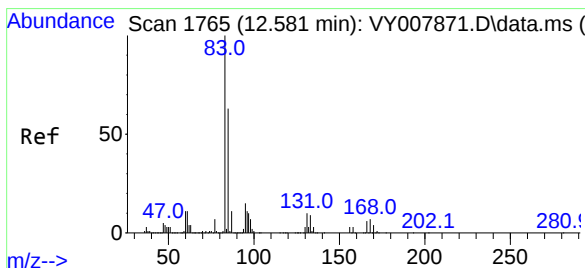
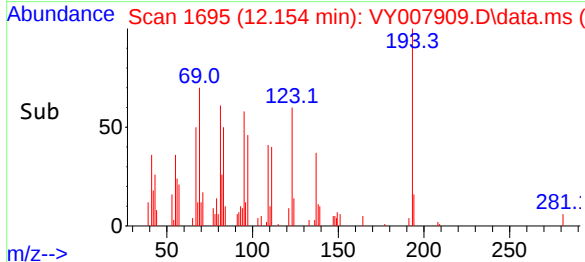
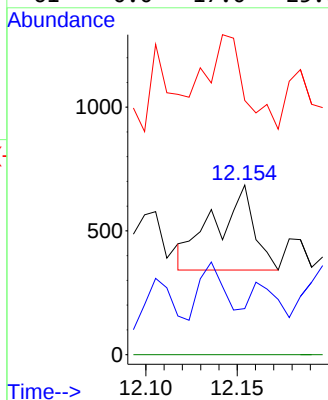
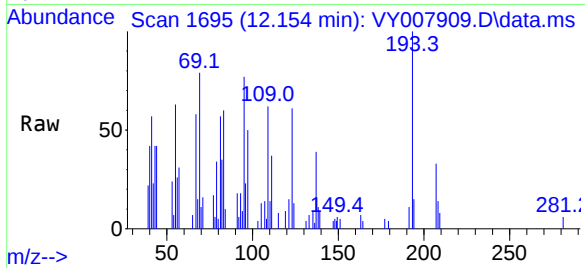




#74
N-amy1 acetate
Concen: 85.243 ug/l
RT: 12.154 min Scan# 1695
Delta R.T. 0.012 min
Lab File: VY007909.D
Acq: 18 Mar 2022 17:54

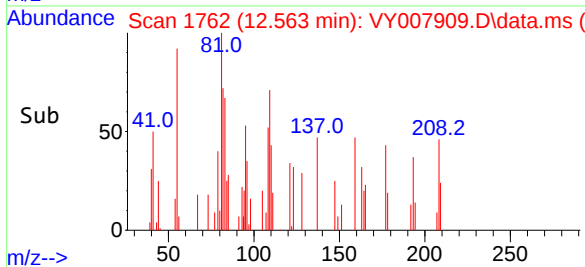
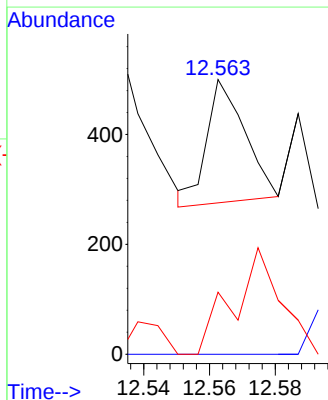
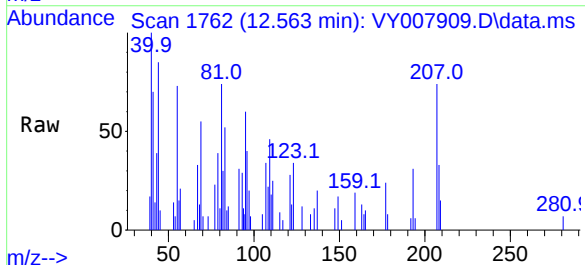
Instrument :
MSVOA_Y
ClientSampleId :
DB-14-(20-25)-3-12-22

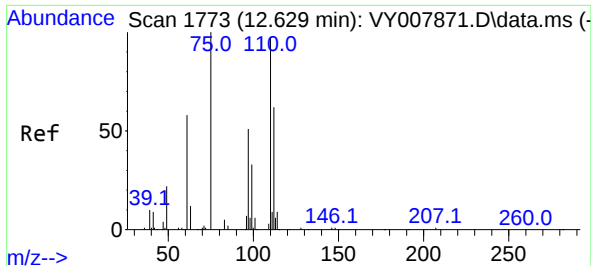
Tgt Ion: 43	Resp: 518
Ion Ratio	Lower Upper
43 100	
70 52.9	28.7 43.1#
55 0.0	17.3 25.9#
61 0.0	17.0 25.6#



#75
1,1,2,2-Tetrachloroethane
Concen: 40.824 ug/l
RT: 12.563 min Scan# 1762
Delta R.T. -0.018 min
Lab File: VY007909.D
Acq: 18 Mar 2022 17:54

Tgt Ion: 83	Resp: 181
Ion Ratio	Lower Upper
83 100	
131 0.0	5.6 16.8#
85 107.2	32.3 96.8#

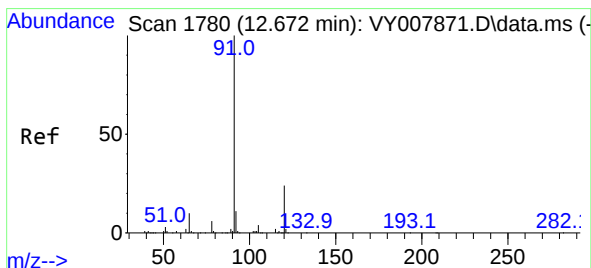
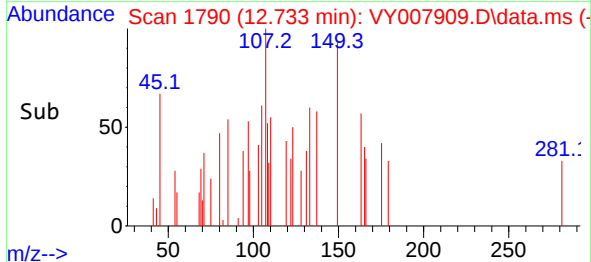
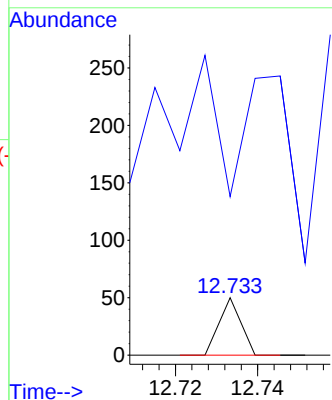
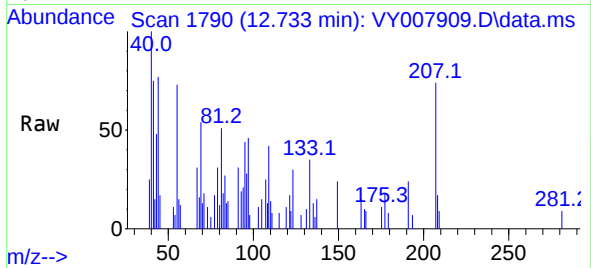




#76
1,2,3-Trichloropropane
Concen: 5.397 ug/l
RT: 12.733 min Scan# 11
Delta R.T. 0.098 min
Lab File: VY007909.D
Acq: 18 Mar 2022 17:54

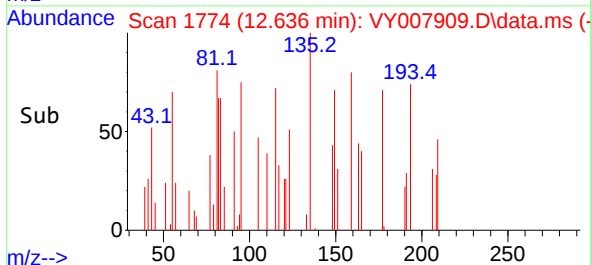
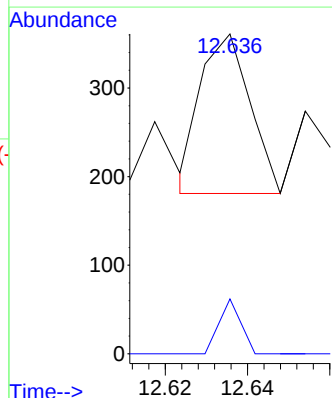
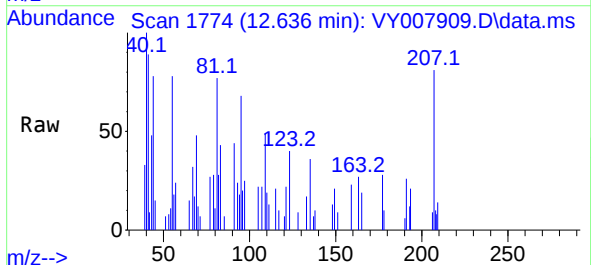
Instrument :
MSVOA_Y
ClientSampleId :
DB-14-(20-25)-3-12-22

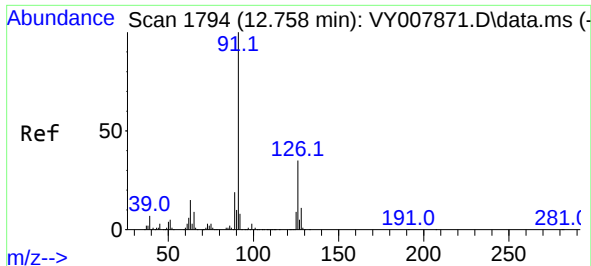
Tgt Ion: 75 Resp: 18
Ion Ratio Lower Upper
75 100
77 522.2 0.0 0.0#



#78
n-propylbenzene
Concen: 6.031 ug/l
RT: 12.636 min Scan# 1774
Delta R.T. -0.037 min
Lab File: VY007909.D
Acq: 18 Mar 2022 17:54

Tgt Ion: 91 Resp: 150
Ion Ratio Lower Upper
91 100
120 15.3 11.3 33.9





#79

2-Chlorotoluene

Concen: 11.506 ug/l

RT: 12.776 min Scan# 1

Delta R.T. 0.018 min

Lab File: VY007909.D

Acq: 18 Mar 2022 17:54

Instrument :

MSVOA_Y

ClientSampleId :

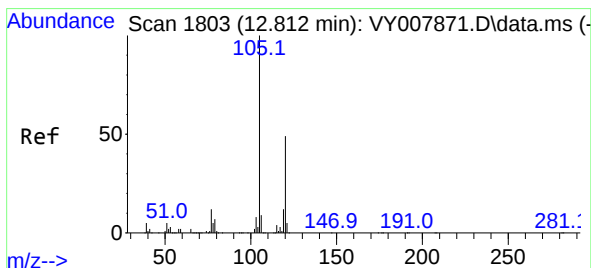
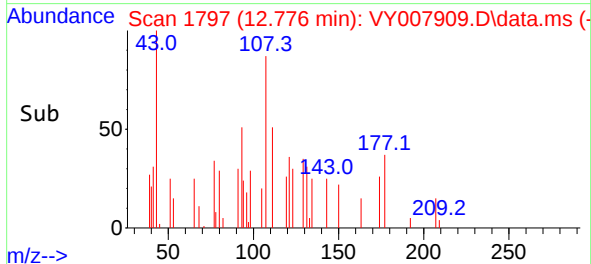
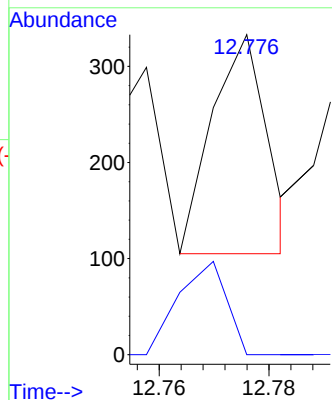
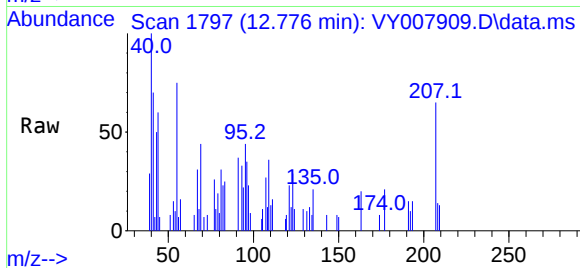
DB-14-(20-25)-3-12-22

Tgt Ion: 91 Resp: 161

Ion Ratio Lower Upper

91 100

126 36.6 16.9 50.6



#80

1,3,5-Trimethylbenzene

Concen: 4.133 ug/l

RT: 12.874 min Scan# 1813

Delta R.T. 0.061 min

Lab File: VY007909.D

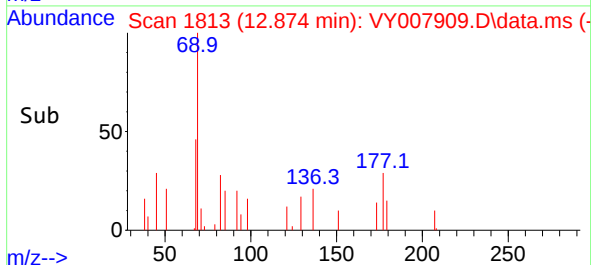
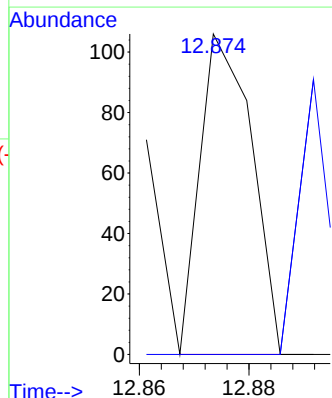
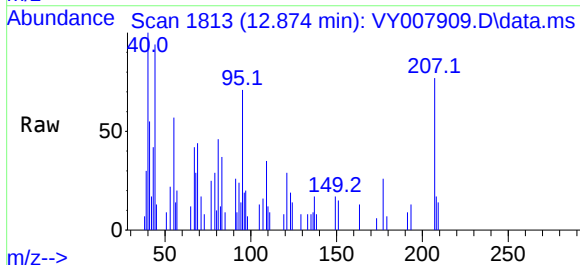
Acq: 18 Mar 2022 17:54

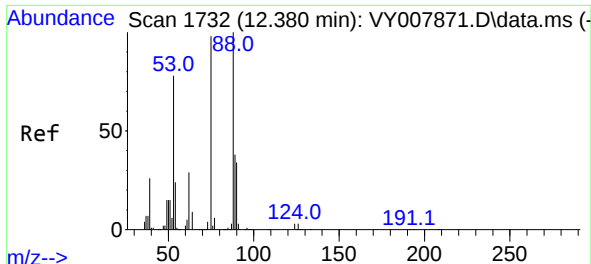
Tgt Ion: 105 Resp: 70

Ion Ratio Lower Upper

105 100

120 47.1 24.4 73.4

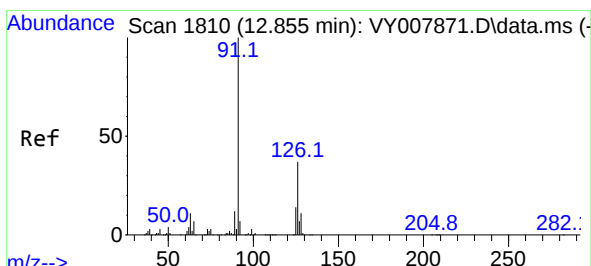
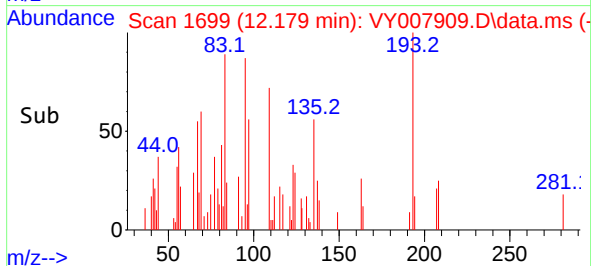
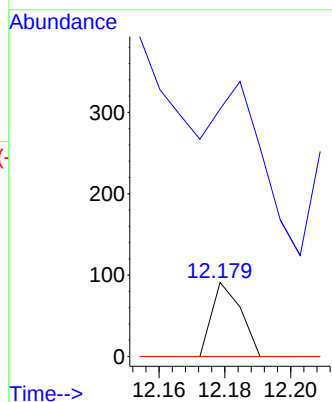
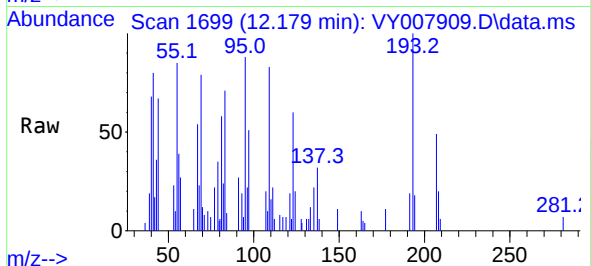




#81
trans-1,4-Dichloro-2-butene
Concen: 35.266 ug/l
RT: 12.179 min Scan# 1797
Delta R.T. -0.201 min
Lab File: VY007909.D
Acq: 18 Mar 2022 17:54

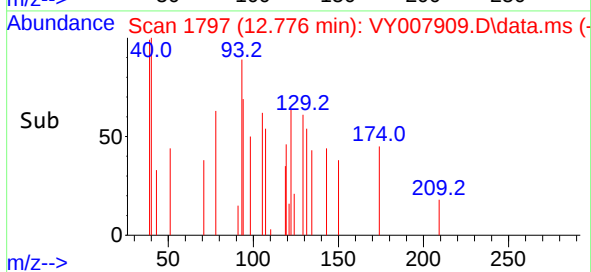
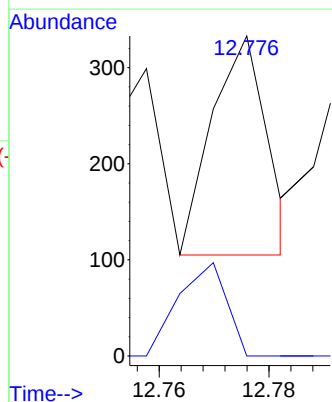
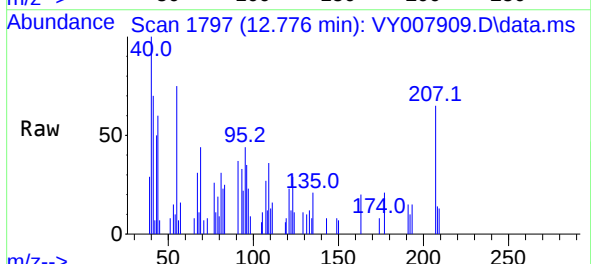
Instrument :
MSVOA_Y
ClientSampleId :
DB-14-(20-25)-3-12-22

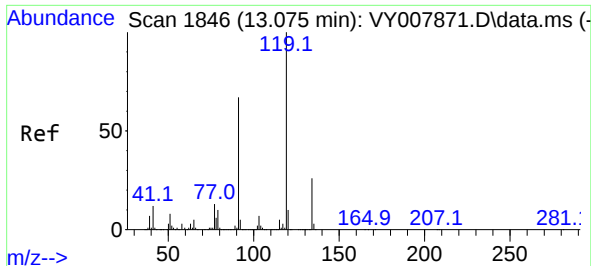
Tgt Ion: 75 Resp: 56
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#



#82
4-Chlorotoluene
Concen: 11.075 ug/l
RT: 12.776 min Scan# 1797
Delta R.T. -0.079 min
Lab File: VY007909.D
Acq: 18 Mar 2022 17:54

Tgt Ion: 91 Resp: 161
Ion Ratio Lower Upper
91 100
126 36.6 17.0 51.0

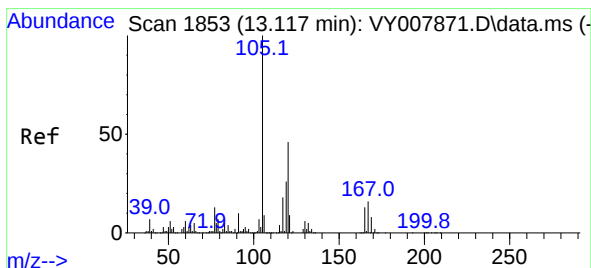
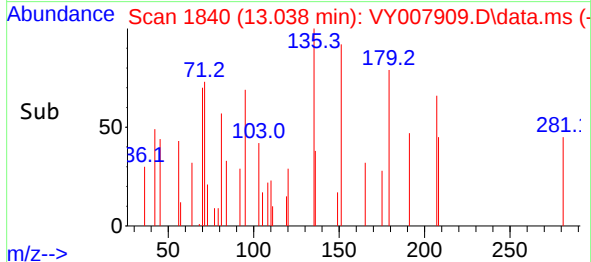
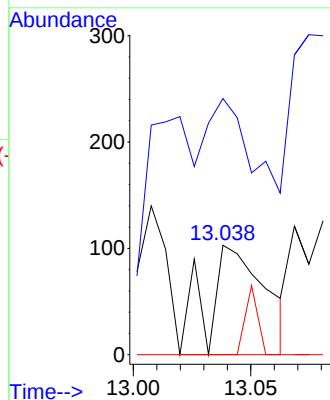
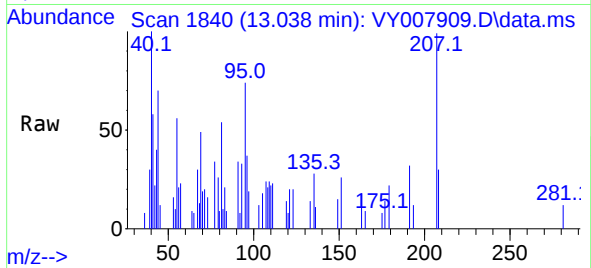




#83
tert-Butylbenzene
Concen: 11.545 ug/l
RT: 13.038 min Scan# 1840
Delta R.T. -0.037 min
Lab File: VY007909.D
Acq: 18 Mar 2022 17:54

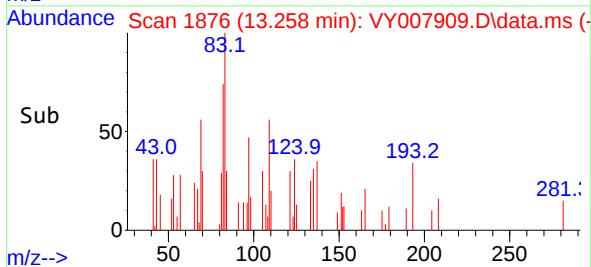
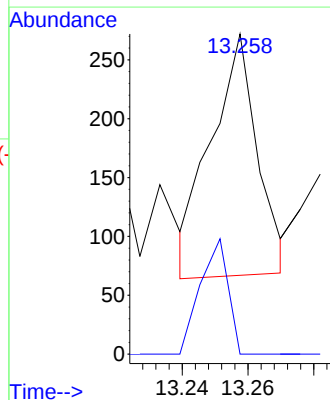
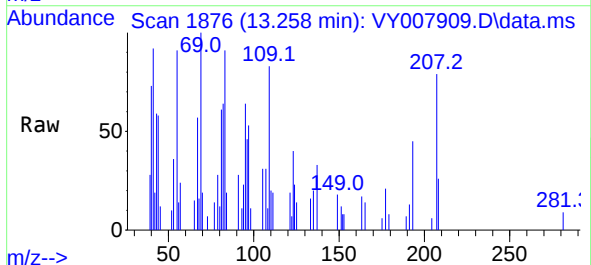
Instrument :
MSVOA_Y
ClientSampleId :
DB-14-(20-25)-3-12-22

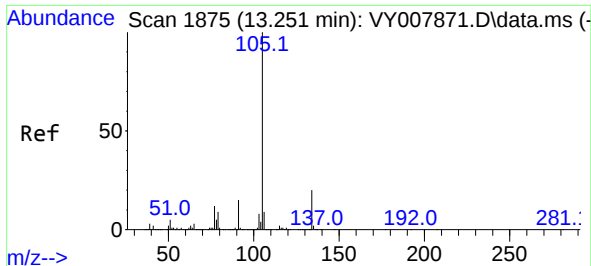
Tgt Ion:	119	Resp:	175
Ion	Ratio	Lower	Upper
119	100		
91	96.6	34.8	104.4
134	13.7	13.3	39.9



#84
1,2,4-Trimethylbenzene
Concen: 12.105 ug/l
RT: 13.258 min Scan# 1876
Delta R.T. 0.134 min
Lab File: VY007909.D
Acq: 18 Mar 2022 17:54

Tgt Ion:	105	Resp:	201
Ion	Ratio	Lower	Upper
105	100		
120	28.4	22.3	66.9

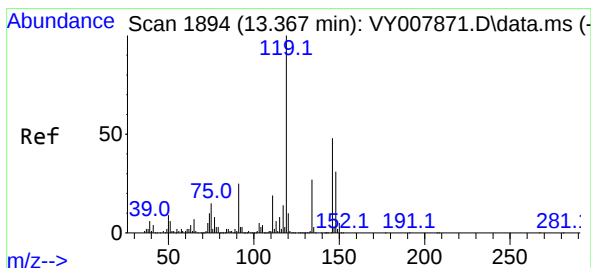
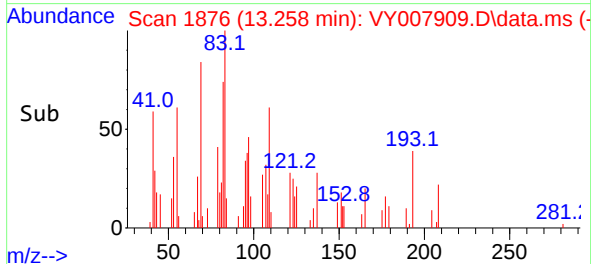
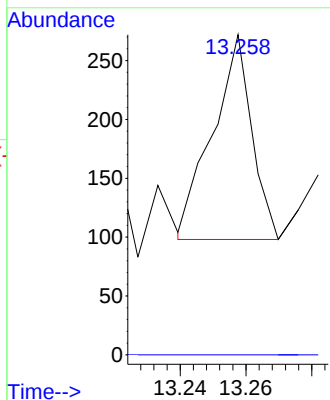
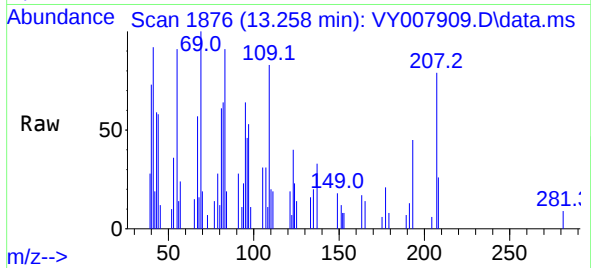




#85
 sec-Butylbenzene
 Concen: 6.339 ug/l
 RT: 13.258 min Scan# 1876
 Delta R.T. 0.006 min
 Lab File: VY007909.D
 Acq: 18 Mar 2022 17:54

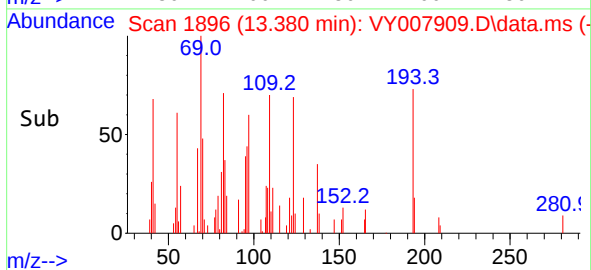
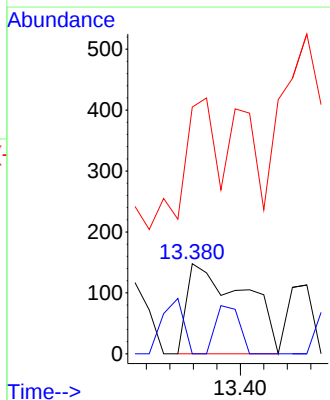
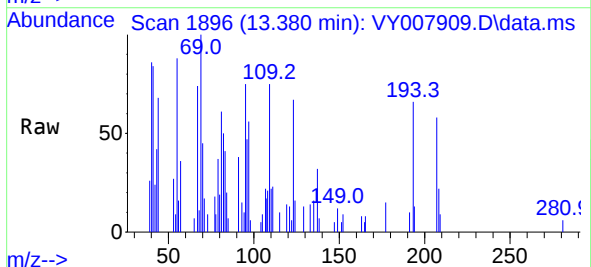
Instrument :
 MSVOA_Y
 ClientSampleId :
 DB-14-(20-25)-3-12-22

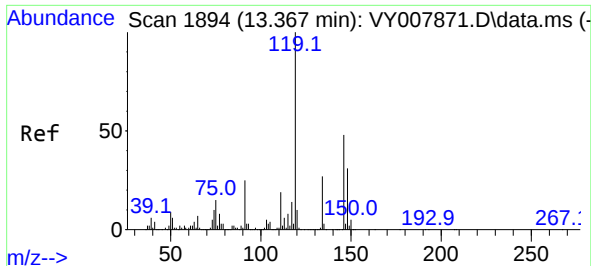
Tgt Ion:105 Resp: 144
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.2 30.4#



#86
 p-Isopropyltoluene
 Concen: 13.556 ug/l
 RT: 13.380 min Scan# 1896
 Delta R.T. 0.012 min
 Lab File: VY007909.D
 Acq: 18 Mar 2022 17:54

Tgt Ion:119 Resp: 250
 Ion Ratio Lower Upper
 119 100
 134 22.8 13.2 39.5
 91 0.0 12.4 37.2#





#87

1,3-Dichlorobenzene

Concen: 2.285 ug/l

RT: 13.398 min Scan# 1899

Delta R.T. 0.030 min

Lab File: VY007909.D

Acq: 18 Mar 2022 17:54

Instrument :

MSVOA_Y

ClientSampleId :

DB-14-(20-25)-3-12-22

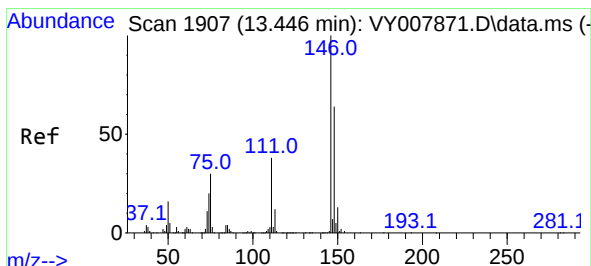
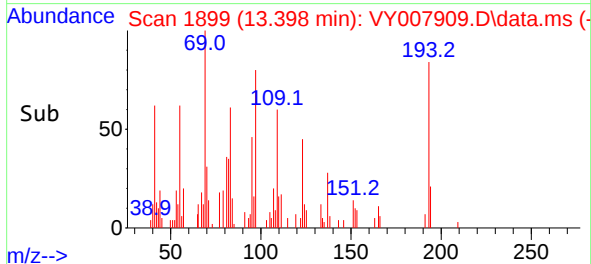
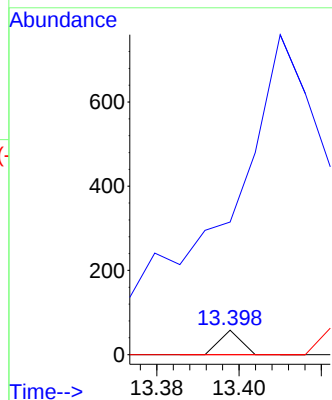
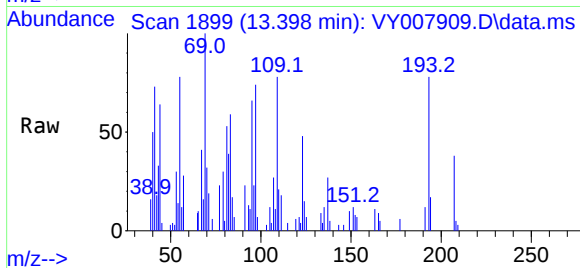
Tgt Ion:146 Resp: 21

Ion Ratio Lower Upper

146 100

111 13485.7 19.5 58.5#

148 0.0 31.6 95.0#



#88

1,4-Dichlorobenzene

Concen: 2.279 ug/l

RT: 13.398 min Scan# 1899

Delta R.T. -0.049 min

Lab File: VY007909.D

Acq: 18 Mar 2022 17:54

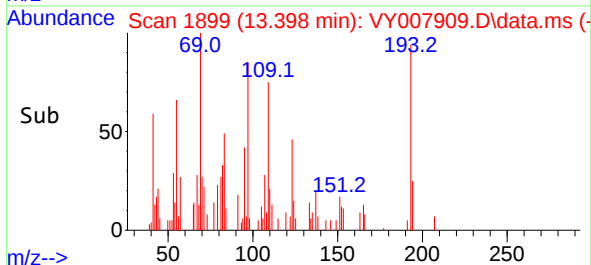
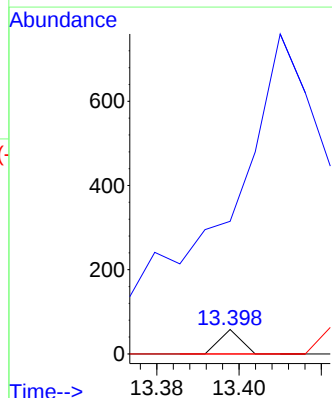
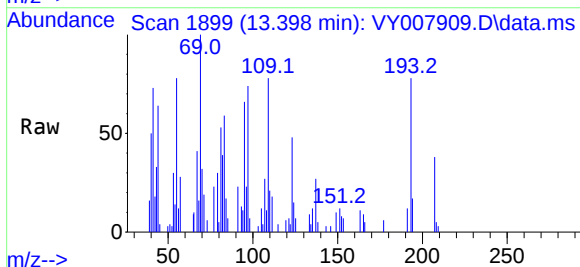
Tgt Ion:146 Resp: 21

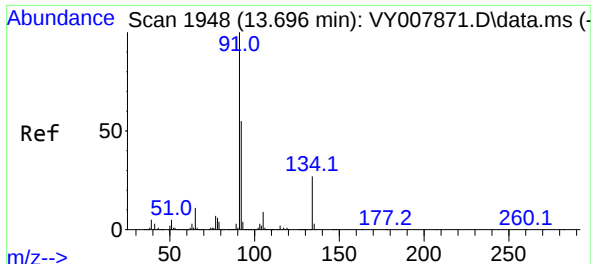
Ion Ratio Lower Upper

146 100

111 13485.7 19.3 57.8#

148 0.0 32.6 97.8#

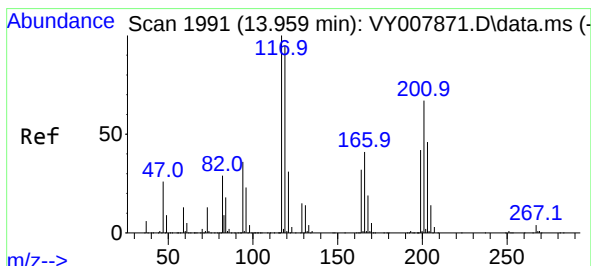
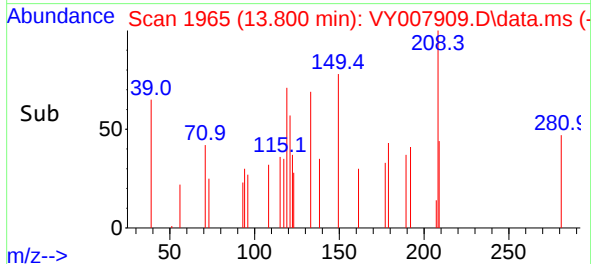
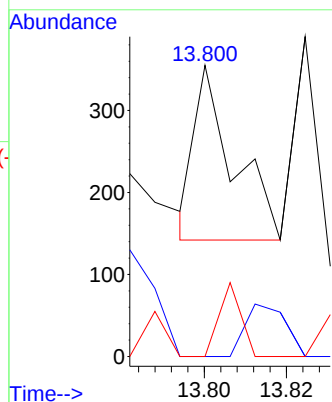
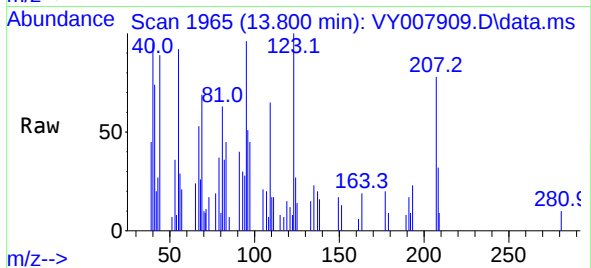




#89
n-Butylbenzene
Concen: 7.911 ug/l
RT: 13.800 min Scan# 1948
Delta R.T. 0.104 min
Lab File: VY007909.D
Acq: 18 Mar 2022 17:54

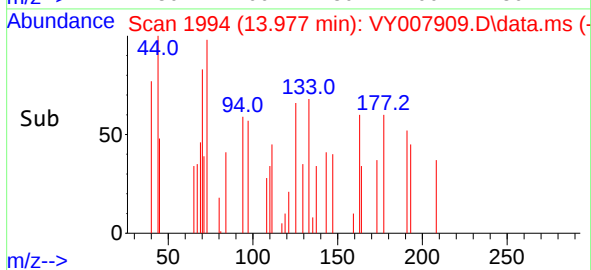
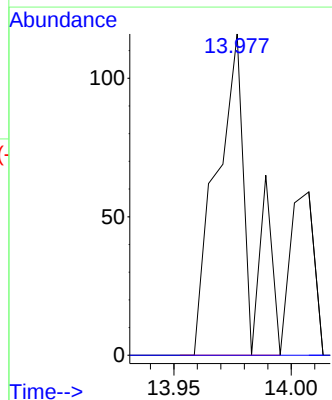
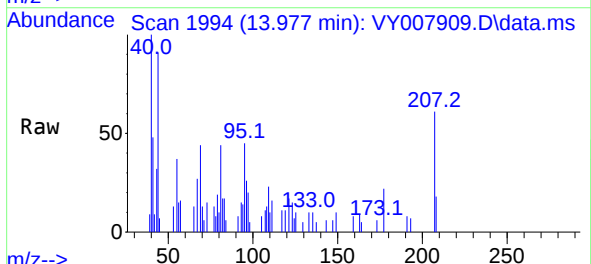
Instrument :
MSVOA_Y
ClientSampleId :
DB-14-(20-25)-3-12-22

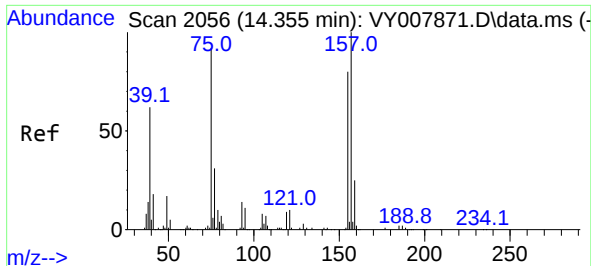
Tgt Ion: 91	Resp:	140
Ion Ratio	Lower	Upper
91	100	
92	30.7	26.3 78.9
134	23.6	13.0 38.9



#90
Hexachloroethane
Concen: 30.971 ug/l
RT: 13.977 min Scan# 1994
Delta R.T. 0.012 min
Lab File: VY007909.D
Acq: 18 Mar 2022 17:54

Tgt Ion: 117	Resp:	114
Ion Ratio	Lower	Upper
117	100	
201	0.0	43.0 128.8#

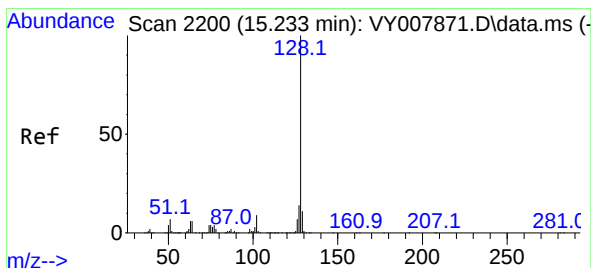
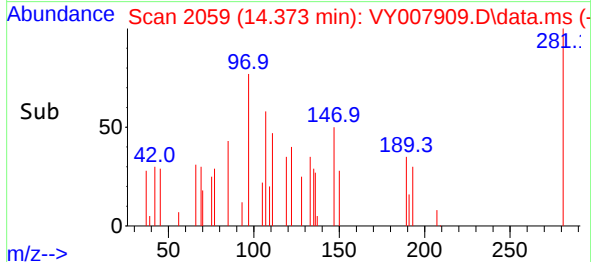
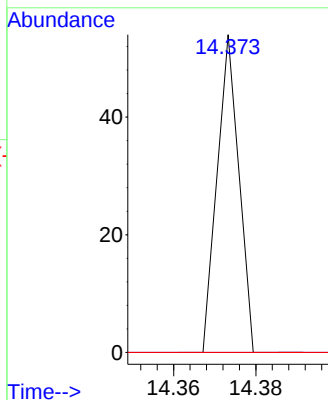
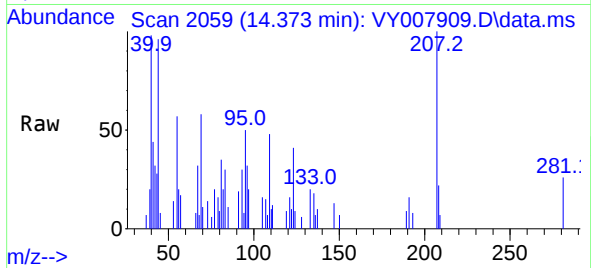




#92
1,2-Dibromo-3-Chloropropane
Concen: 26.221 ug/l
RT: 14.373 min Scan# 2056
Delta R.T. 0.018 min
Lab File: VY007909.D
Acq: 18 Mar 2022 17:54

Instrument :
MSVOA_Y
ClientSampleId :
DB-14-(20-25)-3-12-22

Tgt Ion: 75 Resp: 20
Ion Ratio Lower Upper
75 100
155 0.0 38.0 113.9#
157 0.0 47.8 143.3#



#95
Naphthalene
Concen: 5.059 ug/l
RT: 15.275 min Scan# 2207
Delta R.T. 0.037 min
Lab File: VY007909.D
Acq: 18 Mar 2022 17:54

Tgt Ion: 128 Resp: 59
Ion Ratio Lower Upper
128 100
127 0.0 11.0 16.4#
129 0.0 8.4 12.6#

