

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022522\
 Data File : VD072104.D
 Acq On : 25 Feb 2022 17:01
 Operator : VA/SY
 Sample : N1655-09
 Misc : 7.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 UNK-SOUTH

Quant Time: Feb 26 05:43:20 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 19 04:05:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	264059	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	463187	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	492900	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	250764	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	177471	64.792	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 129.580%	
35) Dibromofluoromethane	7.914	113	152833	54.460	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.920%	
50) Toluene-d8	10.338	98	594423	57.118	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 114.240%	
62) 4-Bromofluorobenzene	12.626	95	251225	65.718	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 131.440%	
Target Compounds						Qvalue
5) Bromomethane	2.756	94	63	Below Cal	#	2
10) Methyl Iodide	4.315	142	66	2.945	ug/l #	40
11) Tert butyl alcohol	5.226	59	1820	11.646	ug/l #	80
13) Acrolein	3.915	56	317	1.029	ug/l #	15
15) Acrylonitrile	5.473	53	2571	3.837	ug/l #	30
16) Acetone	4.150	43	60911	102.897	ug/l	91
17) Carbon Disulfide	4.421	76	2668	1.053	ug/l #	76
18) Methyl Acetate	4.938	43	25206	15.981	ug/l #	52
19) Methyl tert-butyl Ether	5.479	73	123420	21.024	ug/l #	1
20) Methylene Chloride	4.973	84	8073	2.740	ug/l #	80
25) 2-Butanone	7.215	43	17948	21.937	ug/l #	81
31) Cyclohexane	7.973	56	57221	11.827	ug/l #	83
36) 1,1-Dichloropropene	7.973	75	22138	5.208	ug/l #	52
37) Ethyl Acetate	7.215	43	17948	9.105	ug/l #	71
38) Carbon Tetrachloride	7.973	117	26476	6.077	ug/l #	19
39) Methylcyclohexane	9.356	83	110449	22.200	ug/l	90
40) Benzene	8.350	78	109271	9.110	ug/l	99
41) Methacrylonitrile	7.550	41	1396	1.142	ug/l #	41
43) Isopropyl Acetate	8.450	43	19485	5.308	ug/l #	51
47) Bromodichloromethane	9.644	83	18224	4.184	ug/l #	25
48) Methyl methacrylate	9.485	41	9385	5.061	ug/l #	37
51) 4-Methyl-2-Pentanone	10.267	43	20797	10.690	ug/l #	82
52) Toluene	10.403	92	10615	1.383	ug/l	97
55) 1,1,2-Trichloroethane	10.773	97	46047	19.378	ug/l #	24
56) Ethyl methacrylate	10.673	69	10251	3.612	ug/l #	1
59) 2-Hexanone	10.950	43	27245	20.532	ug/l #	30
67) Ethyl Benzene	11.738	91	726284	43.237	ug/l	97
68) m/p-Xylenes	11.844	106	25307	3.936	ug/l	94
73) Isopropylbenzene	12.473	105	187295	10.878	ug/l	99
74) N-amyl acetate	12.261	43	17321	4.166	ug/l #	67
76) 1,2,3-Trichloropropane	12.820	75	4031	1.697	ug/l #	100
78) n-propylbenzene	12.814	91	620486	29.320	ug/l	100
79) 2-Chlorotoluene	12.814	91	620486	50.658	ug/l #	41
80) 1,3,5-Trimethylbenzene	12.908	105	17498	1.217	ug/l	73
81) trans-1,4-Dichloro-2-b...	12.626	75	124150	130.888	ug/l #	10
82) 4-Chlorotoluene	12.814	91	620486	48.673	ug/l #	41

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Quant Title : SW846 8260
QLast Update : Sat Feb 19 04:05:38 2022
Response via : Initial Calibration

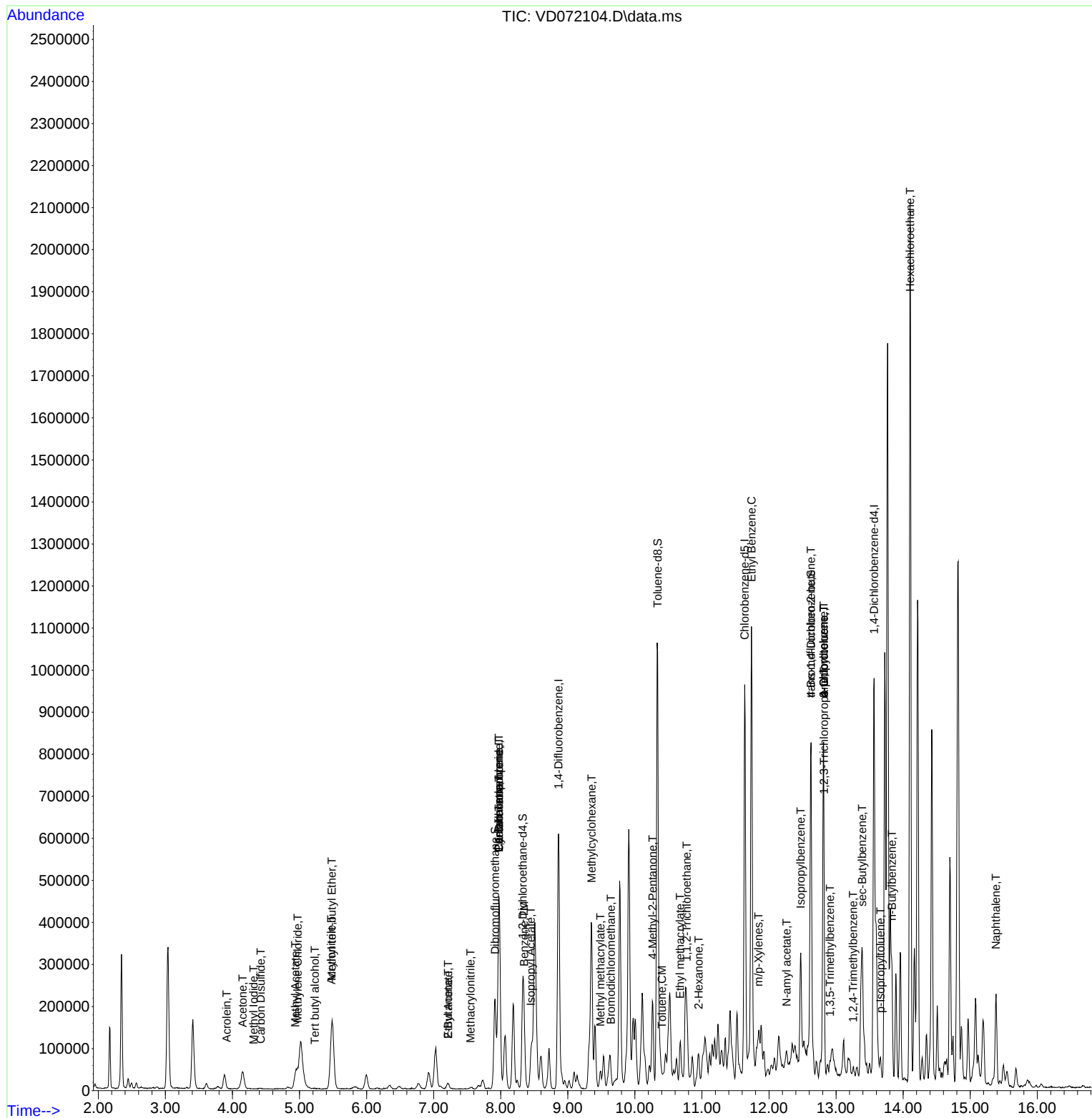
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) 1,2,4-Trimethylbenzene	13.255	105	15219	1.077	ug/l	98
85) sec-Butylbenzene	13.391	105	176117	9.360	ug/l #	69
86) p-Isopropyltoluene	13.661	119	27676	1.788	ug/l	90
89) n-Butylbenzene	13.832	91	175177	11.903	ug/l #	73
90) Hexachloroethane	14.102	117	108971	35.077	ug/l #	14
95) Naphthalene	15.385	128	188675	23.673	ug/l	99

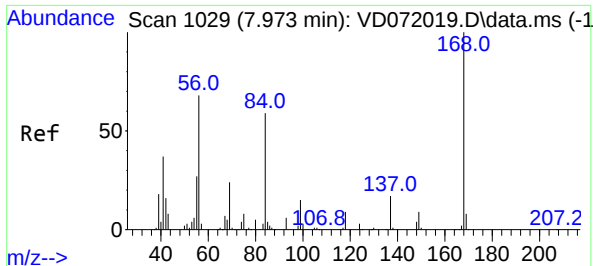
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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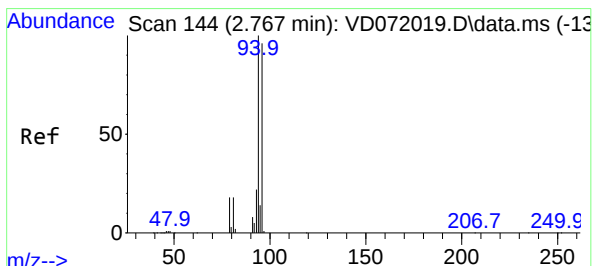
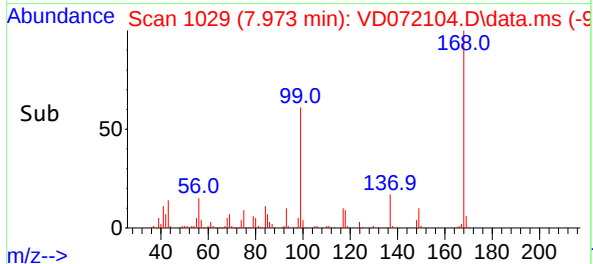
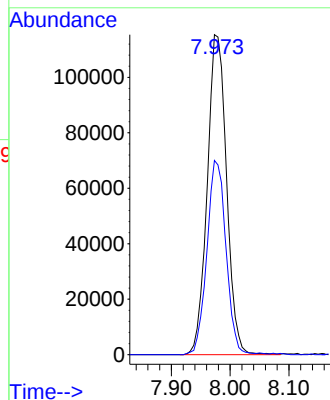
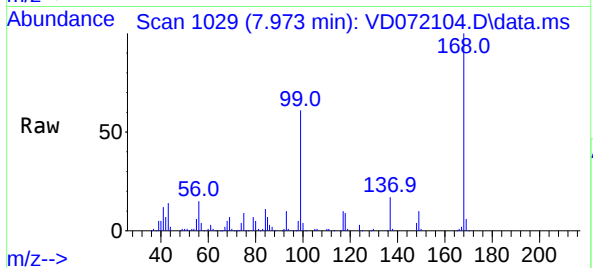




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD072104.D
Acq: 25 Feb 2022 17:01

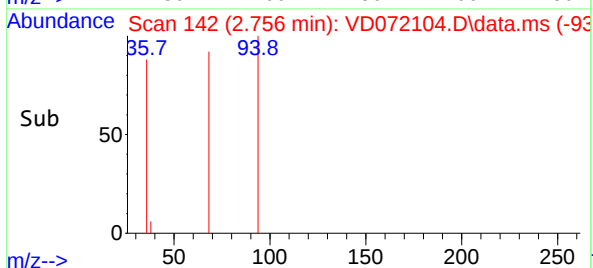
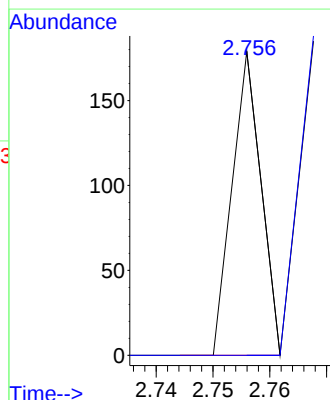
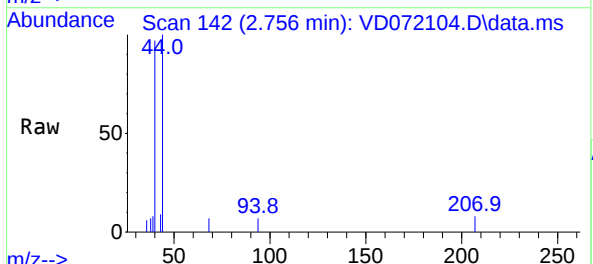
Instrument :
MSVOA_D
ClientSampleId :
UNK-SOUTH

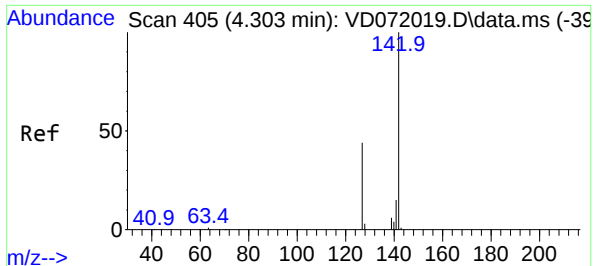
Tgt Ion:168 Resp: 264059
Ion Ratio Lower Upper
168 100
99 60.7 47.1 70.7



#5
Bromomethane
Concen: Below Cal
RT: 2.756 min Scan# 142
Delta R.T. -0.011 min
Lab File: VD072104.D
Acq: 25 Feb 2022 17:01

Tgt Ion: 94 Resp: 63
Ion Ratio Lower Upper
94 100
96 0.0 76.8 115.2#





#10

Methyl Iodide

Concen: 2.945 ug/l

RT: 4.315 min Scan# 405

Delta R.T. 0.012 min

Lab File: VD072104.D

Acq: 25 Feb 2022 17:01

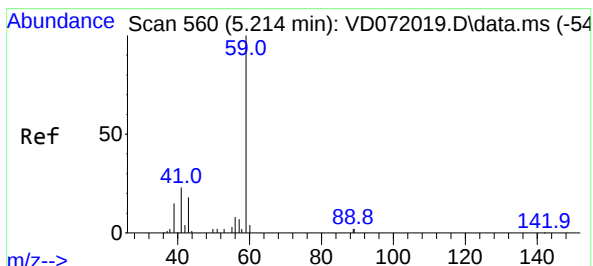
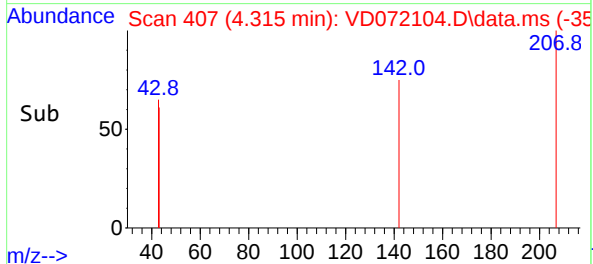
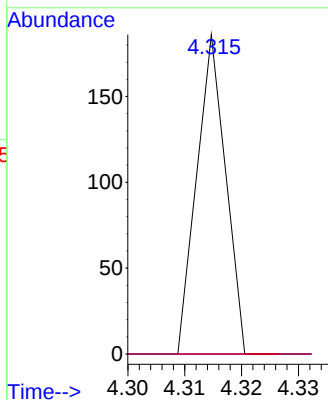
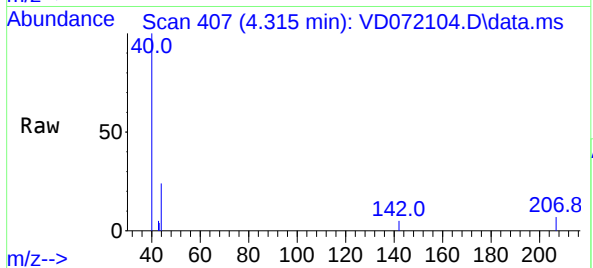
Instrument :

MSVOA_D

ClientSampleId :

UNK-SOUTH

Tgt Ion:	142	Resp:	66
Ion	Ratio	Lower	Upper
142	100		
127	0.0	35.8	53.8#
141	0.0	11.6	17.4#



#11

Tert butyl alcohol

Concen: 11.646 ug/l

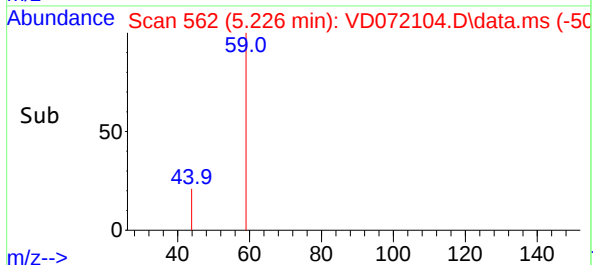
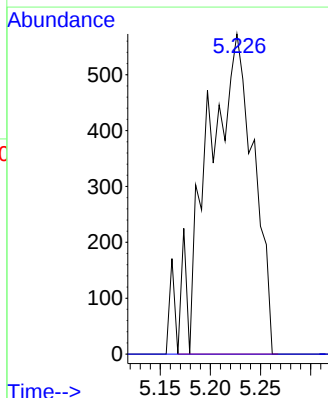
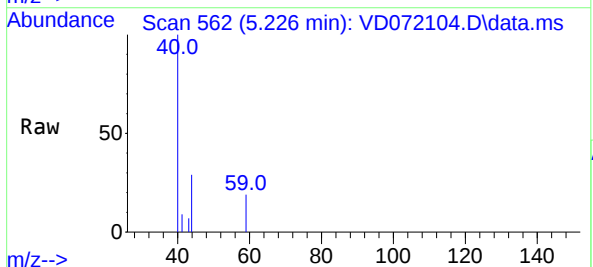
RT: 5.226 min Scan# 562

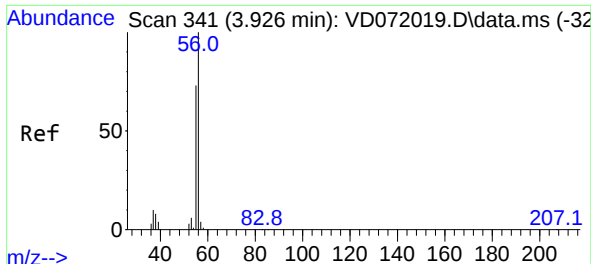
Delta R.T. 0.012 min

Lab File: VD072104.D

Acq: 25 Feb 2022 17:01

Tgt Ion:	59	Resp:	1820
Ion	Ratio	Lower	Upper
59	100		
57	0.0	5.4	8.2#

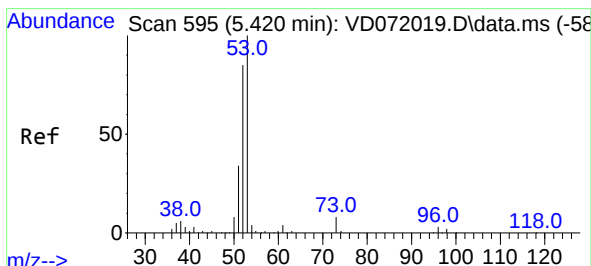
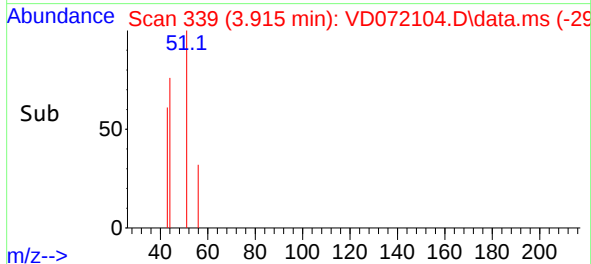
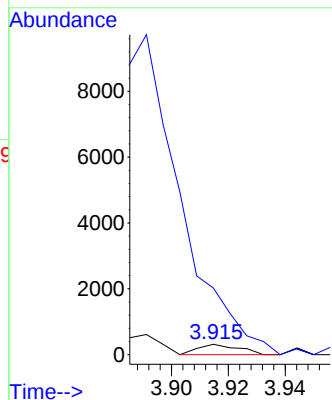
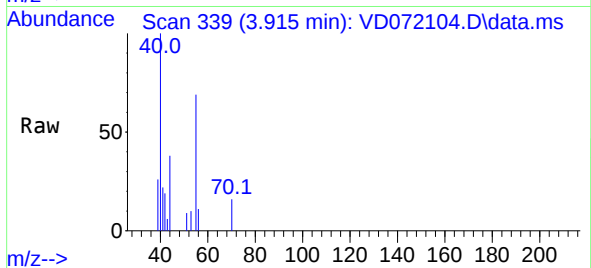




#13
Acrolein
Concen: 1.029 ug/l
RT: 3.915 min Scan# 317
Delta R.T. -0.012 min
Lab File: VD072104.D
Acq: 25 Feb 2022 17:01

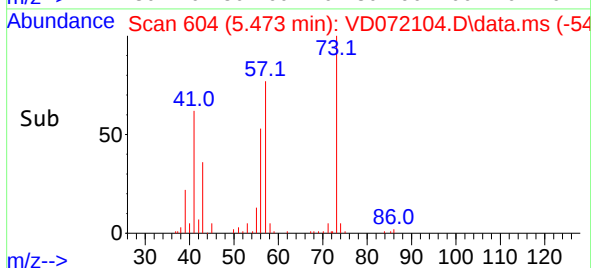
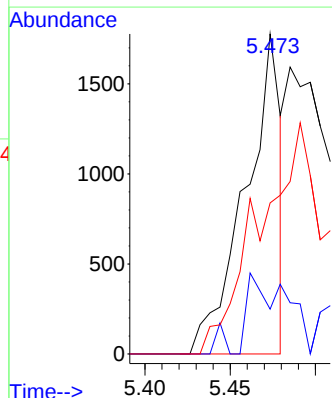
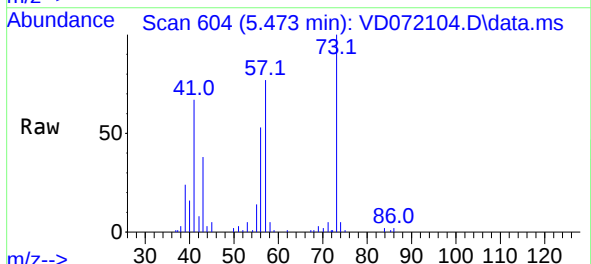
Instrument :
MSVOA_D
ClientSampleId :
UNK-SOUTH

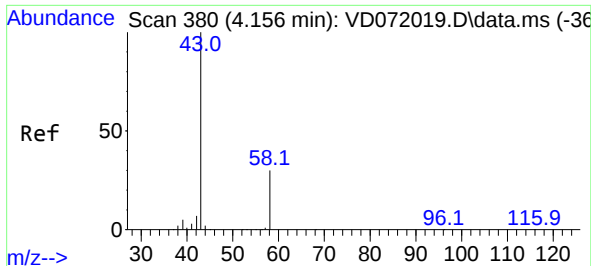
Tgt Ion: 56 Resp: 317
Ion Ratio Lower Upper
56 100
55 0.0 55.8 83.6#



#15
Acrylonitrile
Concen: 3.837 ug/l
RT: 5.473 min Scan# 604
Delta R.T. 0.053 min
Lab File: VD072104.D
Acq: 25 Feb 2022 17:01

Tgt Ion: 53 Resp: 2571
Ion Ratio Lower Upper
53 100
52 16.8 65.8 98.6#
51 0.0 29.4 44.0#

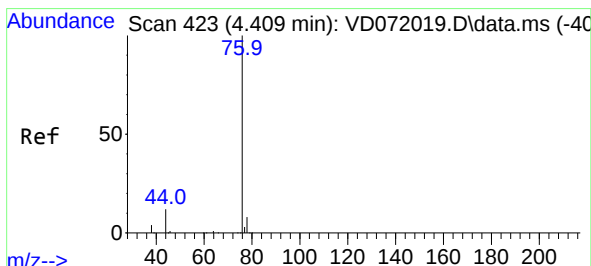
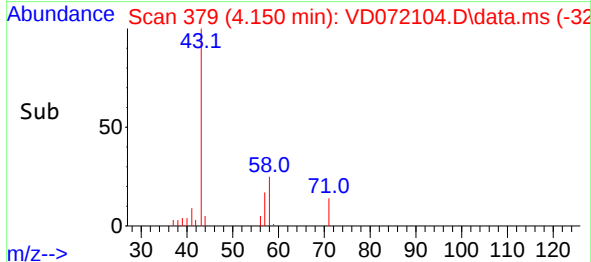
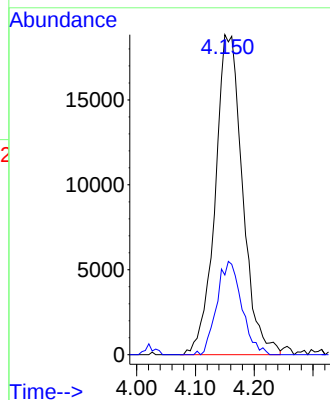
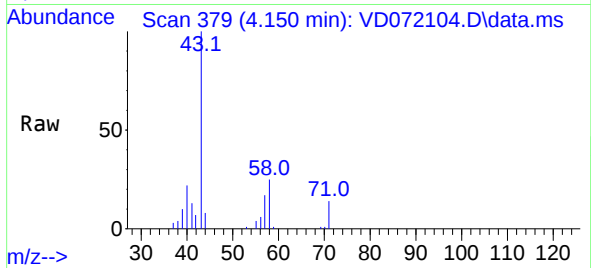




#16
Acetone
Concen: 102.897 ug/l
RT: 4.150 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD072104.D
Acq: 25 Feb 2022 17:01

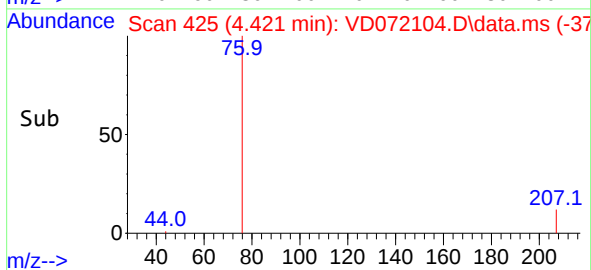
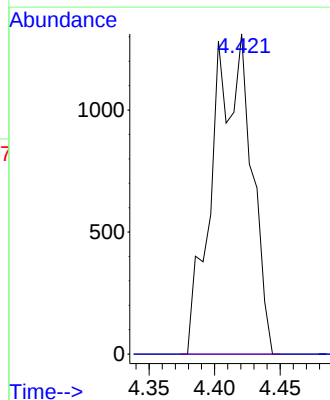
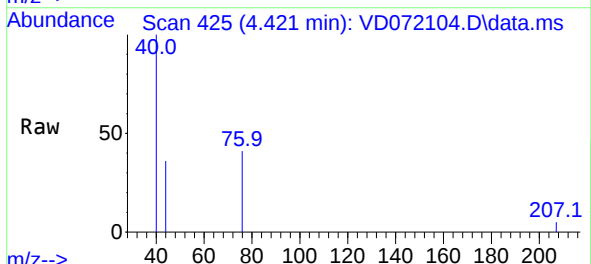
Instrument :
MSVOA_D
ClientSampleId :
UNK-SOUTH

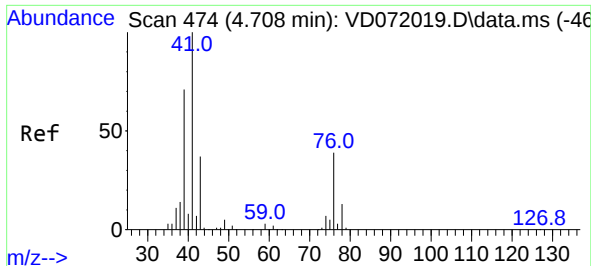
Tgt Ion: 43 Resp: 60911
Ion Ratio Lower Upper
43 100
58 24.9 23.8 35.6



#17
Carbon Disulfide
Concen: 1.053 ug/l
RT: 4.421 min Scan# 425
Delta R.T. 0.012 min
Lab File: VD072104.D
Acq: 25 Feb 2022 17:01

Tgt Ion: 76 Resp: 2668
Ion Ratio Lower Upper
76 100
78 0.0 6.7 10.1#





#18

Methyl Acetate

Concen: 15.981 ug/l

RT: 4.938 min Scan# 51

Delta R.T. 0.230 min

Lab File: VD072104.D

Acq: 25 Feb 2022 17:01

Instrument :

MSVOA_D

ClientSampleId :

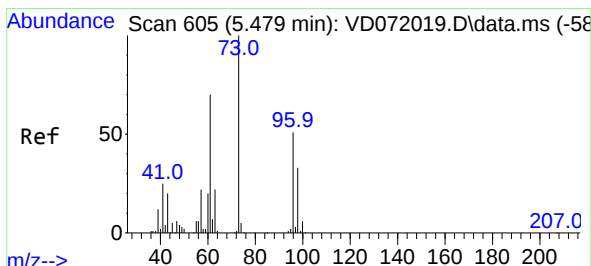
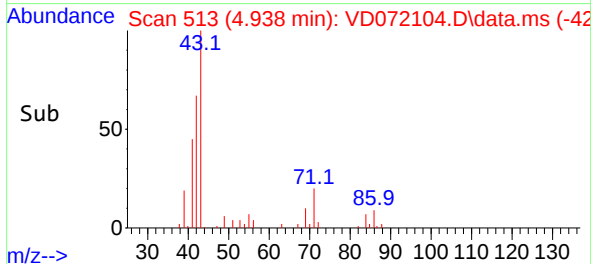
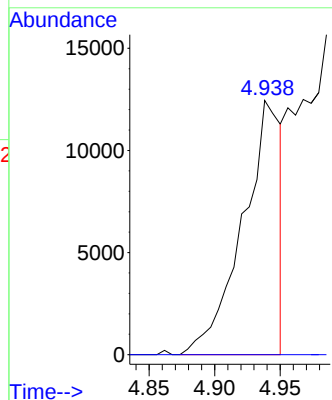
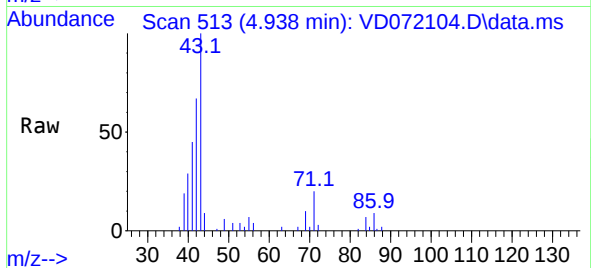
UNK-SOUTH

Tgt Ion: 43 Resp: 25206

Ion Ratio Lower Upper

43 100

74 0.0 18.6 27.8#



#19

Methyl tert-butyl Ether

Concen: 21.024 ug/l

RT: 5.479 min Scan# 605

Delta R.T. 0.000 min

Lab File: VD072104.D

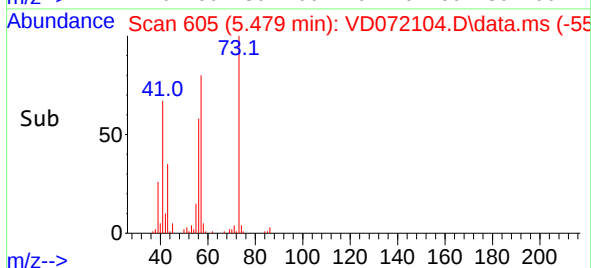
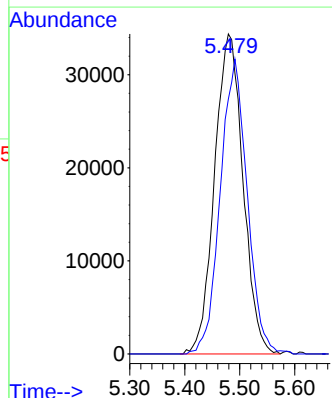
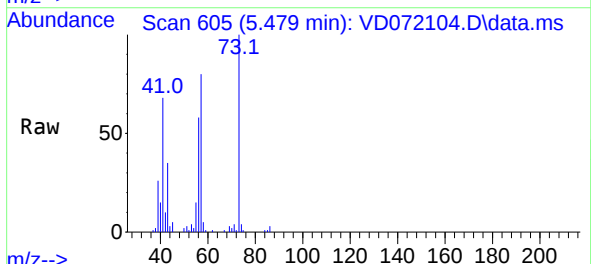
Acq: 25 Feb 2022 17:01

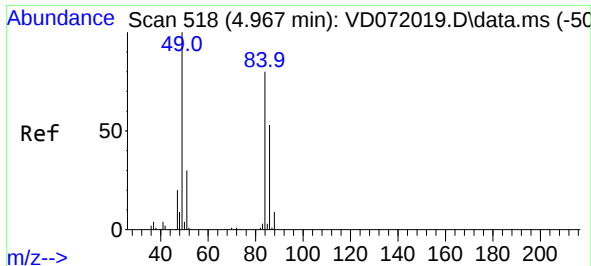
Tgt Ion: 73 Resp: 123420

Ion Ratio Lower Upper

73 100

57 79.7 18.0 27.0#



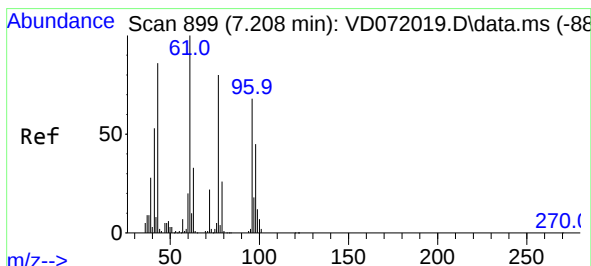
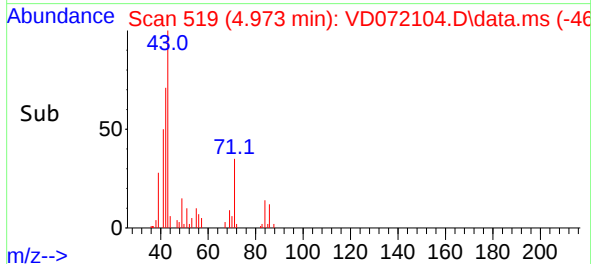
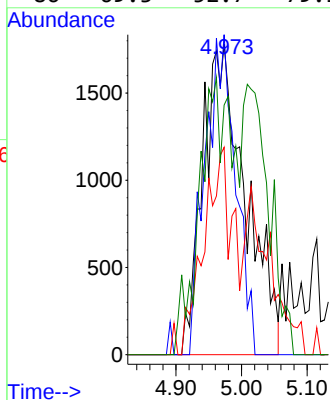
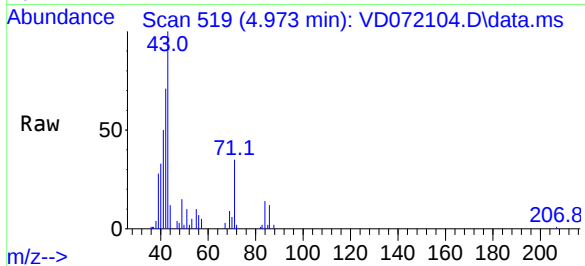


#20
Methylene Chloride
Concen: 2.740 ug/l
RT: 4.973 min Scan# 518
Delta R.T. 0.006 min
Lab File: VD072104.D
Acq: 25 Feb 2022 17:01

Instrument :
MSVOA_D
ClientSampleId :
UNK-SOUTH

Tgt Ion: 84 Resp: 8073

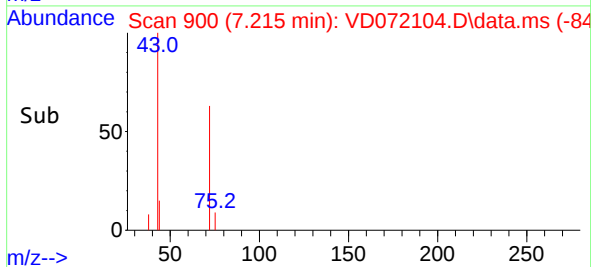
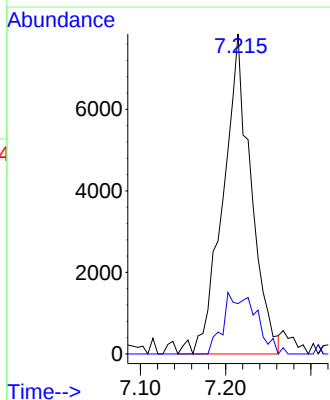
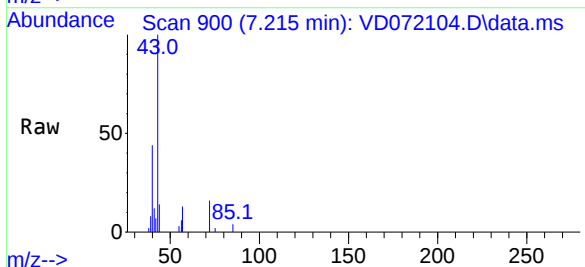
Ion	Ratio	Lower	Upper
84	100		
49	103.0	100.0	150.0
51	66.8	30.2	45.4#
86	69.3	52.7	79.1

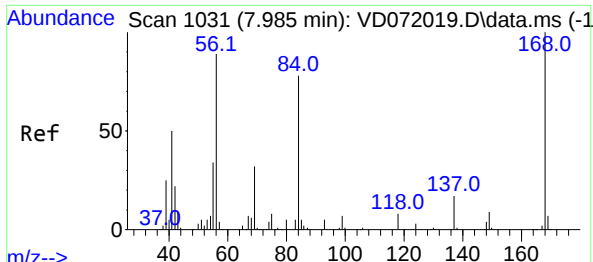


#25
2-Butanone
Concen: 21.937 ug/l
RT: 7.215 min Scan# 900
Delta R.T. 0.006 min
Lab File: VD072104.D
Acq: 25 Feb 2022 17:01

Tgt Ion: 43 Resp: 17948

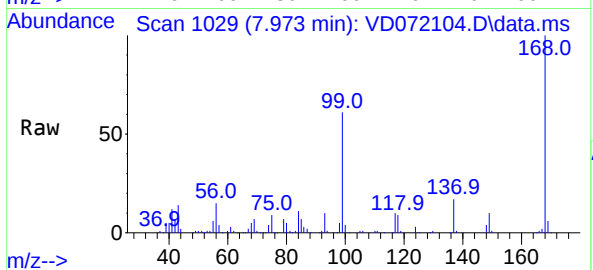
Ion	Ratio	Lower	Upper
43	100		
72	15.8	20.3	30.5#



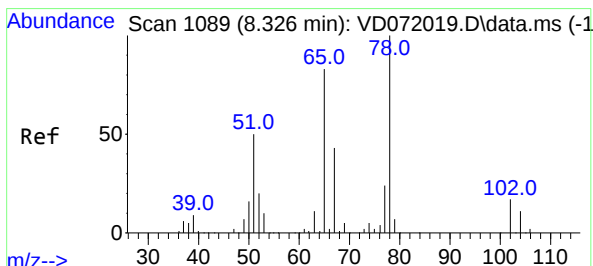
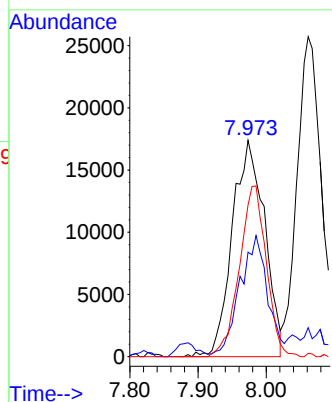
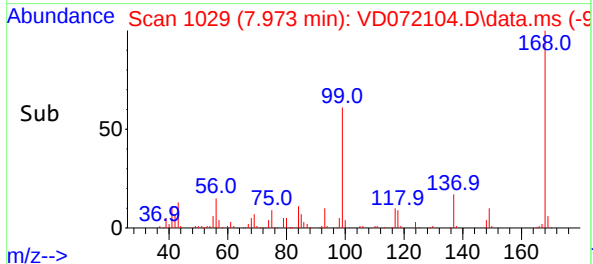


#31
Cyclohexane
Concen: 11.827 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.011 min
Lab File: VD072104.D
Acq: 25 Feb 2022 17:01

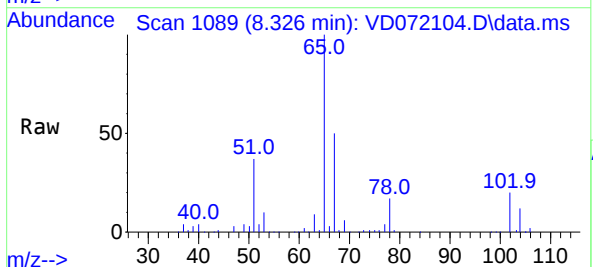
Instrument :
MSVOA_D
ClientSampleId :
UNK-SOUTH



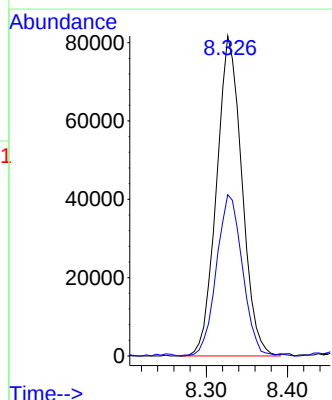
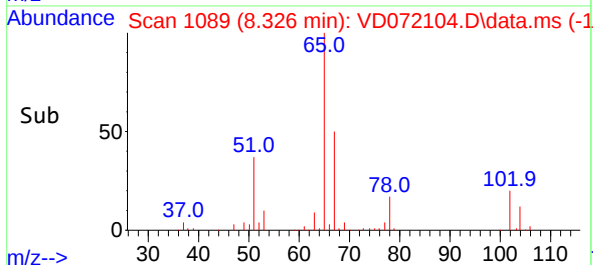
Tgt Ion: 56 Resp: 57221
Ion Ratio Lower Upper
56 100
69 42.6 28.9 43.3
84 70.1 70.6 105.8#

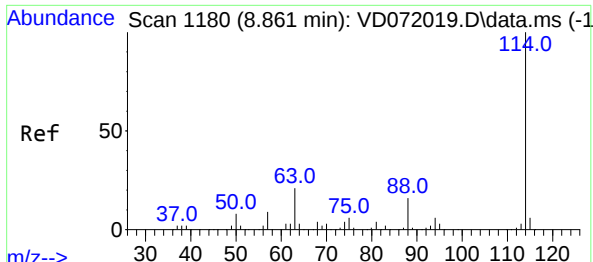


#33
1,2-Dichloroethane-d4
Concen: 64.792 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072104.D
Acq: 25 Feb 2022 17:01



Tgt Ion: 65 Resp: 177471
Ion Ratio Lower Upper
65 100
67 51.5 0.0 105.6

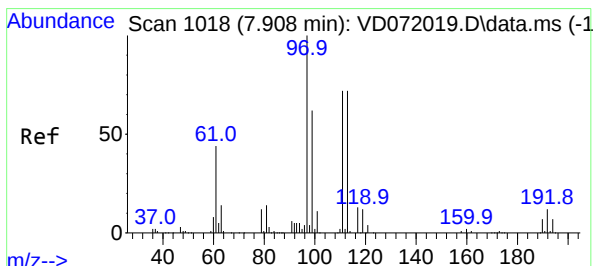
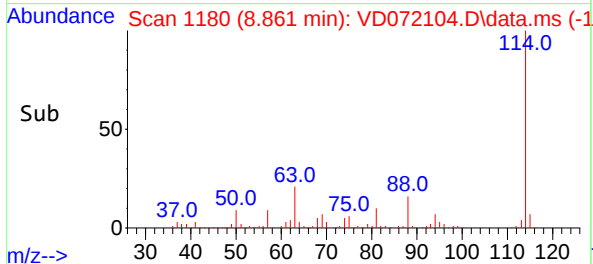
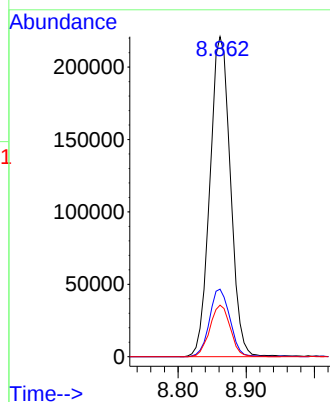
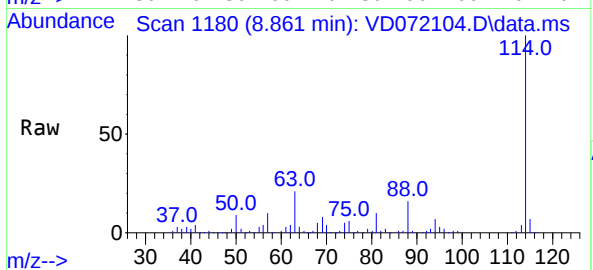




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD072104.D
Acq: 25 Feb 2022 17:01

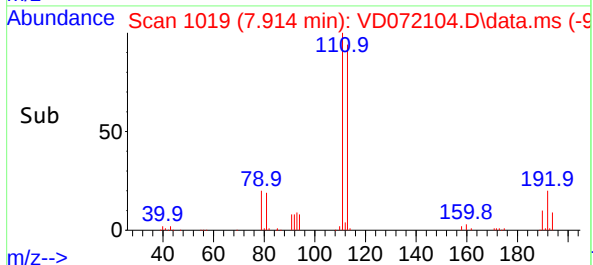
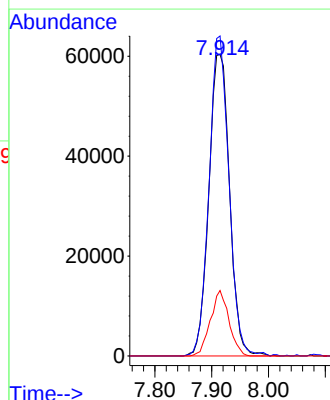
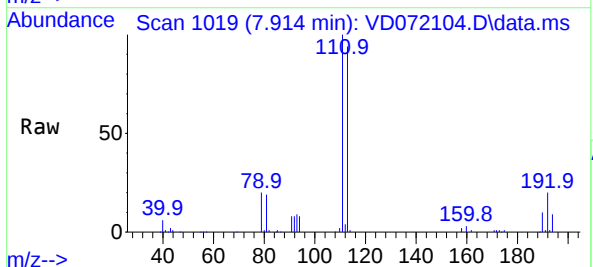
Instrument :
MSVOA_D
ClientSampleId :
UNK-SOUTH

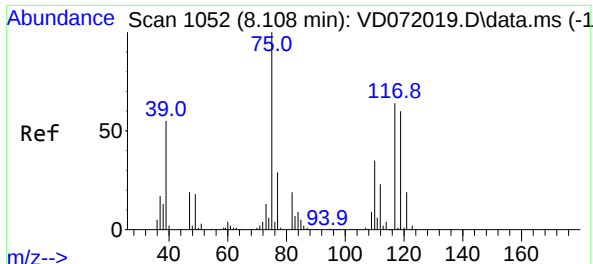
Tgt Ion:114 Resp: 463187
Ion Ratio Lower Upper
114 100
63 21.1 0.0 42.2
88 16.1 0.0 31.2



#35
Dibromofluoromethane
Concen: 54.460 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.006 min
Lab File: VD072104.D
Acq: 25 Feb 2022 17:01

Tgt Ion:113 Resp: 152833
Ion Ratio Lower Upper
113 100
111 101.3 83.0 124.4
192 19.5 15.3 22.9

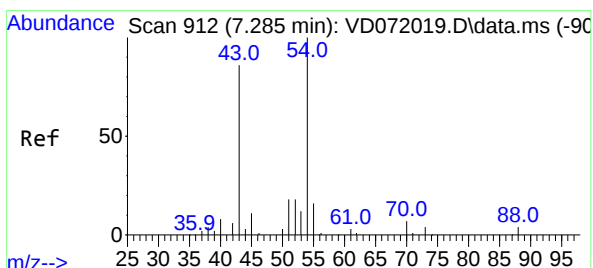
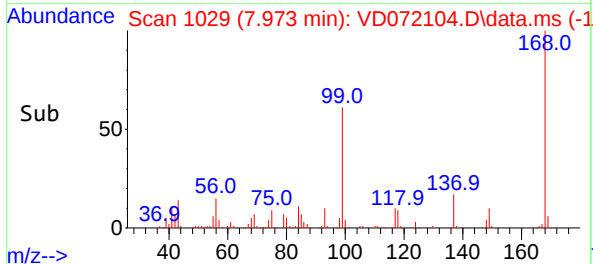
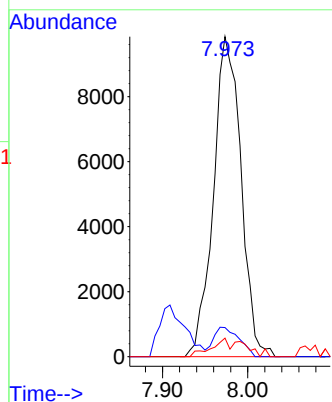
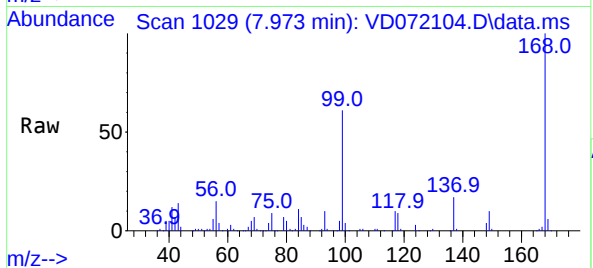




#36
1,1-Dichloropropene
Concen: 5.208 ug/l
RT: 7.973 min Scan# 1052
Delta R.T. -0.135 min
Lab File: VD072104.D
Acq: 25 Feb 2022 17:01

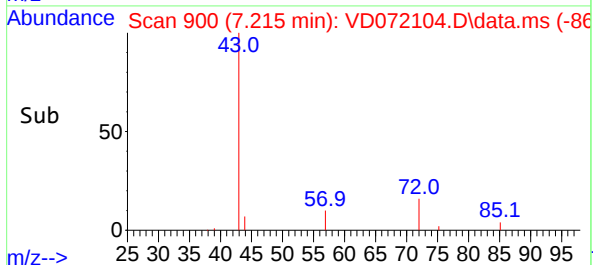
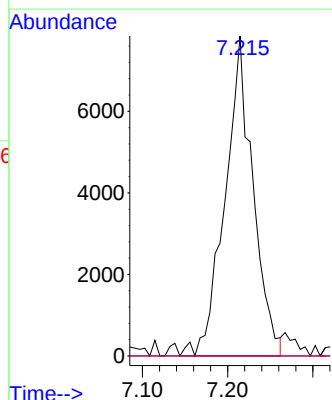
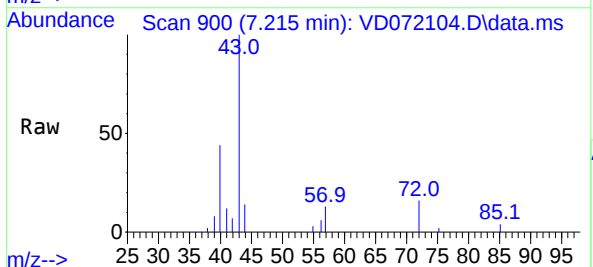
Instrument :
MSVOA_D
ClientSampleId :
UNK-SOUTH

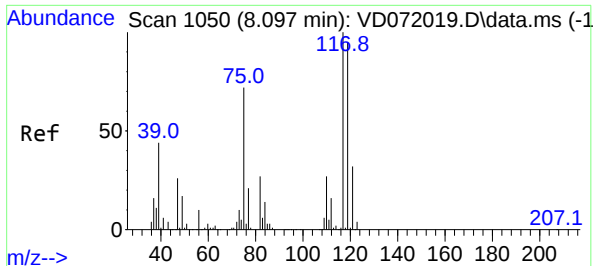
Tgt Ion: 75 Resp: 22138
Ion Ratio Lower Upper
75 100
110 8.6 17.7 53.1#
77 3.6 24.8 37.2#



#37
Ethyl Acetate
Concen: 9.105 ug/l
RT: 7.215 min Scan# 900
Delta R.T. -0.070 min
Lab File: VD072104.D
Acq: 25 Feb 2022 17:01

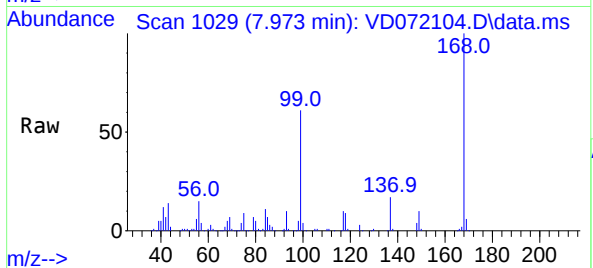
Tgt Ion: 43 Resp: 17948
Ion Ratio Lower Upper
43 100
61 0.0 9.8 14.8#
70 0.0 7.4 11.2#



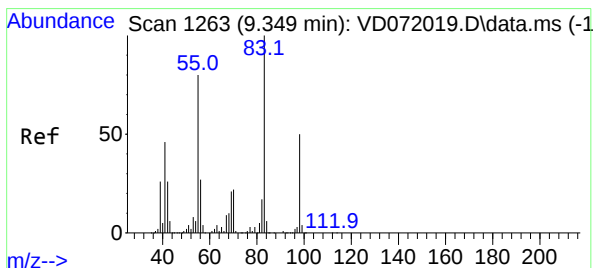
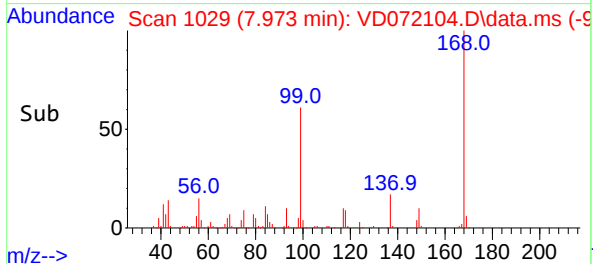
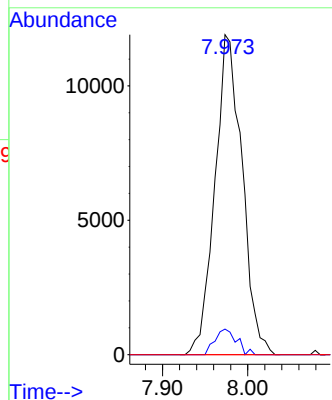


#38
Carbon Tetrachloride
Concen: 6.077 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.123 min
Lab File: VD072104.D
Acq: 25 Feb 2022 17:01

Instrument :
MSVOA_D
ClientSampleId :
UNK-SOUTH

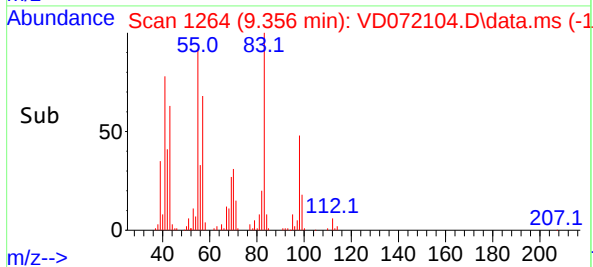
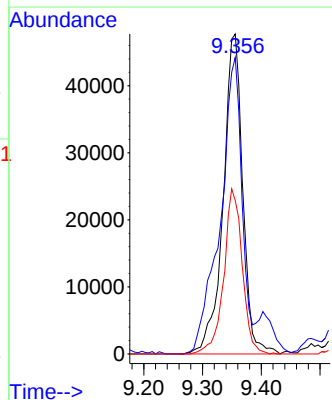
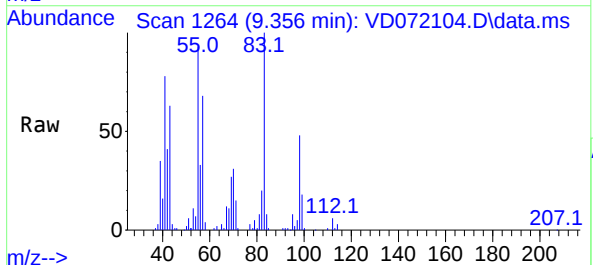


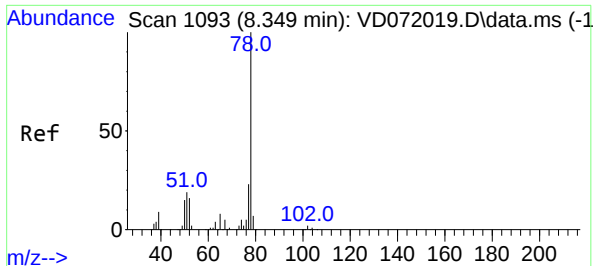
Tgt Ion:117 Resp: 26476
Ion Ratio Lower Upper
117 100
119 8.0 75.8 113.8#
121 0.0 25.8 38.6#



#39
Methylcyclohexane
Concen: 22.200 ug/l
RT: 9.356 min Scan# 1264
Delta R.T. 0.006 min
Lab File: VD072104.D
Acq: 25 Feb 2022 17:01

Tgt Ion: 83 Resp: 110449
Ion Ratio Lower Upper
83 100
55 92.6 64.0 96.0
98 48.0 39.8 59.8

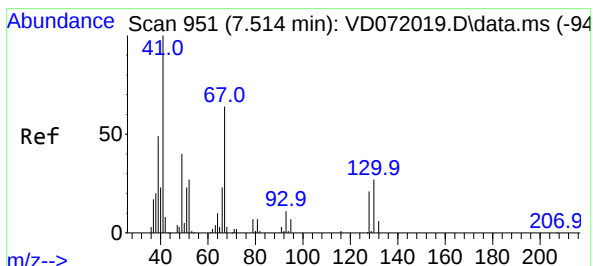
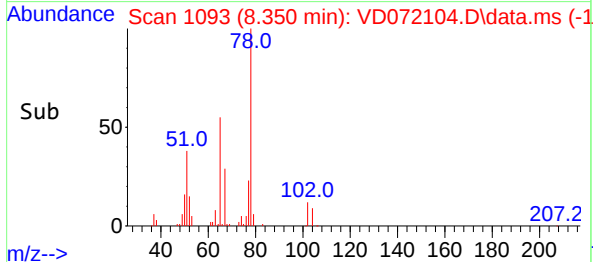
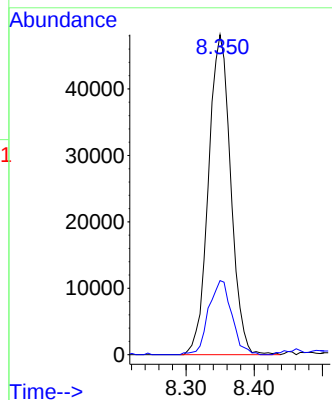
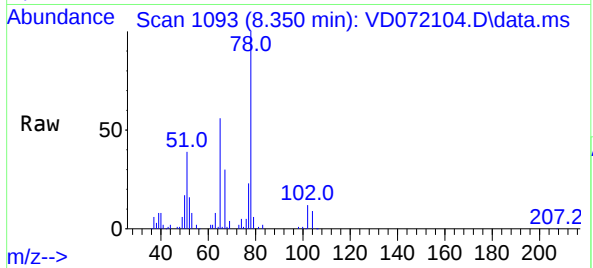




#40
Benzene
Concen: 9.110 ug/l
RT: 8.350 min Scan# 1093
Delta R.T. 0.000 min
Lab File: VD072104.D
Acq: 25 Feb 2022 17:01

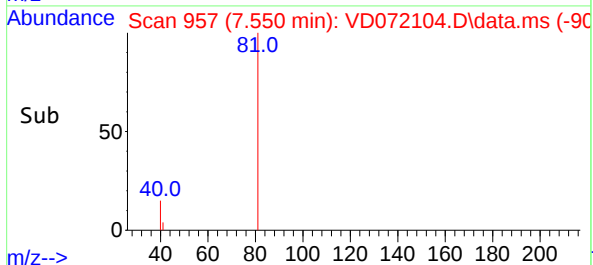
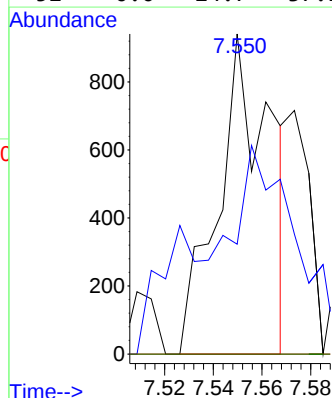
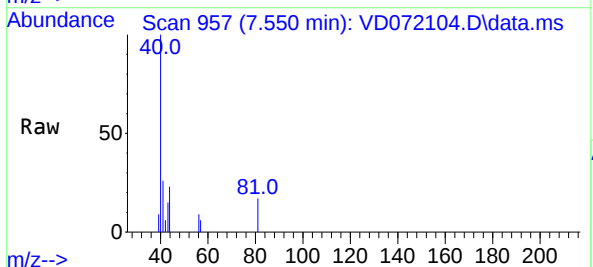
Instrument :
MSVOA_D
ClientSampleId :
UNK-SOUTH

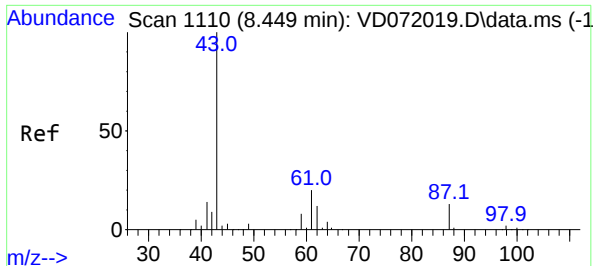
Tgt Ion: 78 Resp: 109271
Ion Ratio Lower Upper
78 100
77 23.2 18.2 27.4



#41
Methacrylonitrile
Concen: 1.142 ug/l
RT: 7.550 min Scan# 957
Delta R.T. 0.036 min
Lab File: VD072104.D
Acq: 25 Feb 2022 17:01

Tgt Ion: 41 Resp: 1396
Ion Ratio Lower Upper
41 100
39 78.4 46.7 70.1#
67 0.0 57.6 86.4#
52 0.0 24.7 37.1#

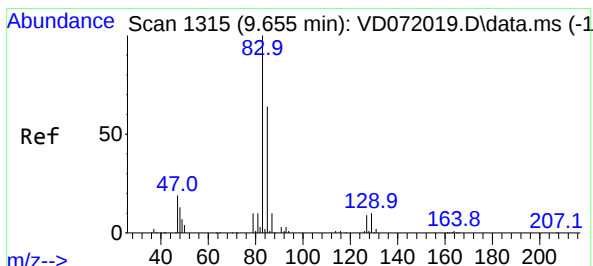
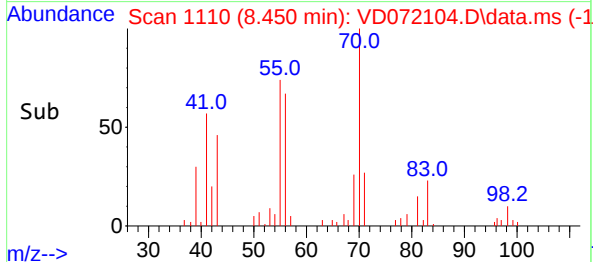
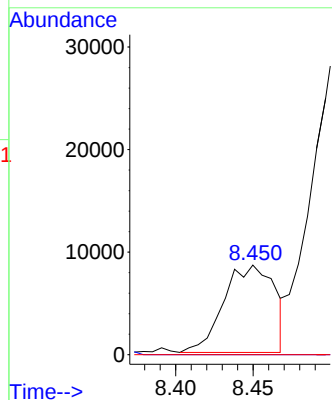
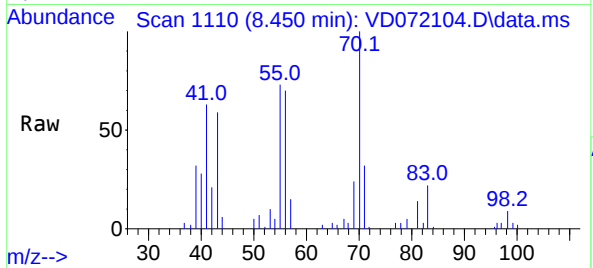




#43
Isopropyl Acetate
Concen: 5.308 ug/l
RT: 8.450 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VD072104.D
Acq: 25 Feb 2022 17:01

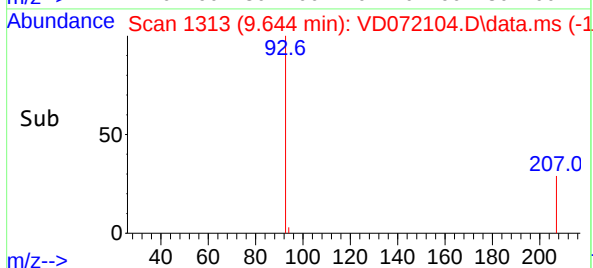
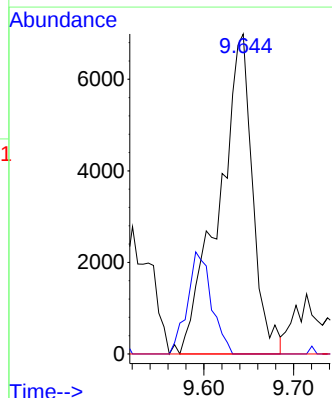
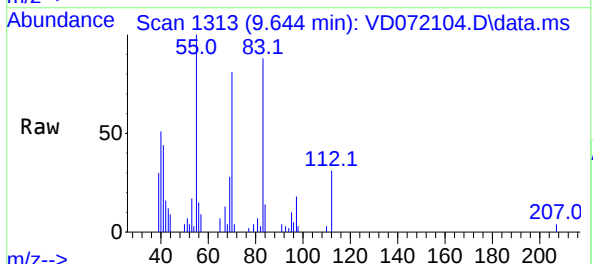
Instrument :
MSVOA_D
ClientSampleId :
UNK-SOUTH

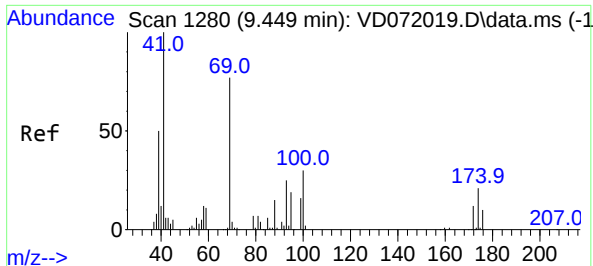
Tgt Ion: 43 Resp: 19485
Ion Ratio Lower Upper
43 100
61 0.0 24.6 37.0#
87 0.0 10.1 15.1#



#47
Bromodichloromethane
Concen: 4.184 ug/l
RT: 9.644 min Scan# 1313
Delta R.T. -0.011 min
Lab File: VD072104.D
Acq: 25 Feb 2022 17:01

Tgt Ion: 83 Resp: 18224
Ion Ratio Lower Upper
83 100
85 0.0 51.4 77.0#
127 0.0 7.0 10.6#





#48

Methyl methacrylate

Concen: 5.061 ug/l

RT: 9.485 min Scan# 11

Delta R.T. 0.036 min

Lab File: VD072104.D

Acq: 25 Feb 2022 17:01

Instrument :

MSVOA_D

ClientSampleId :

UNK-SOUTH

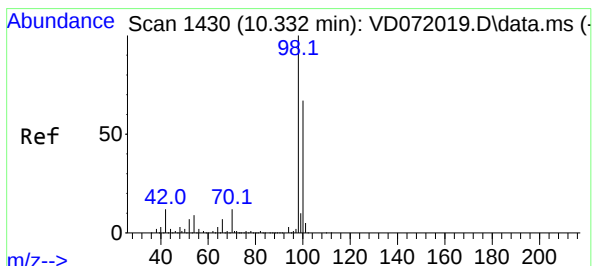
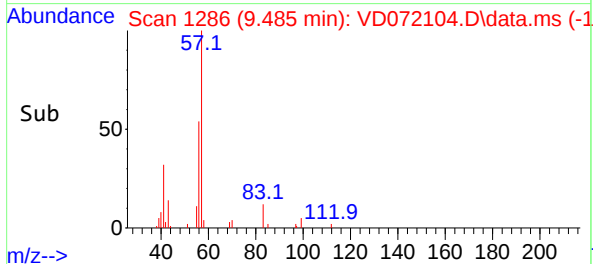
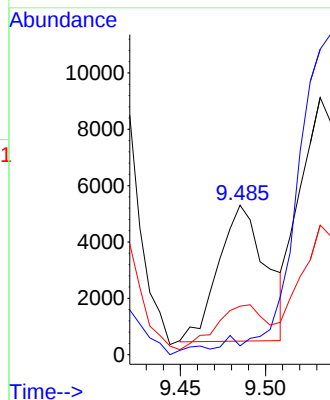
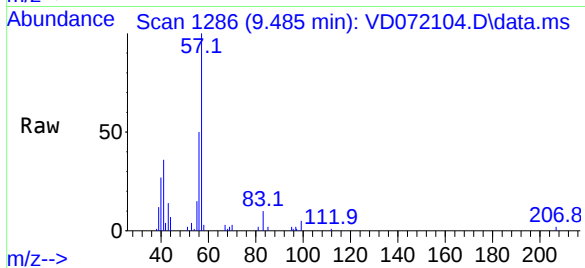
Tgt Ion: 41 Resp: 9385

Ion Ratio Lower Upper

41 100

69 0.0 61.6 92.4#

39 33.4 38.6 57.8#



#50

Toluene-d8

Concen: 57.118 ug/l

RT: 10.338 min Scan# 1431

Delta R.T. 0.006 min

Lab File: VD072104.D

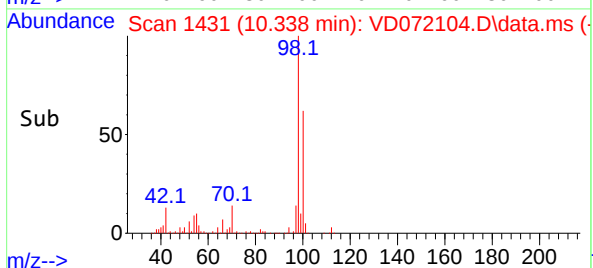
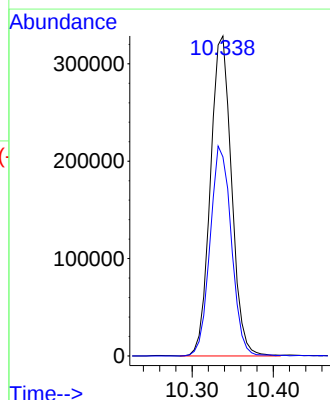
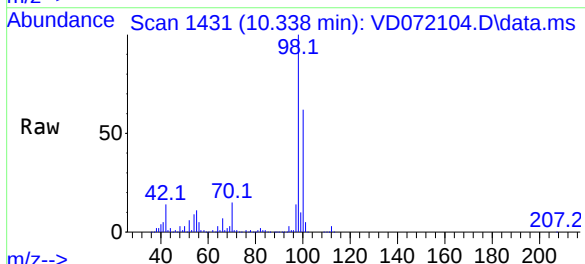
Acq: 25 Feb 2022 17:01

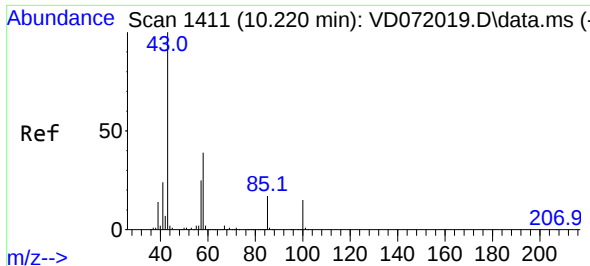
Tgt Ion: 98 Resp: 594423

Ion Ratio Lower Upper

98 100

100 66.0 53.8 80.6

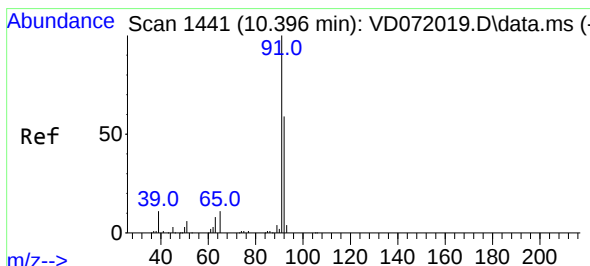
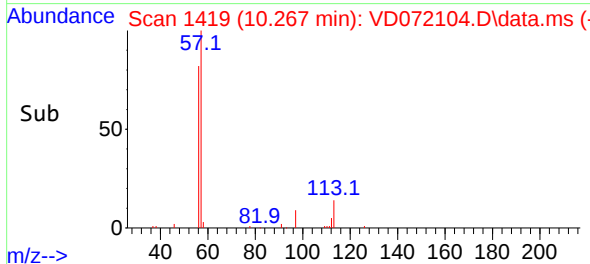
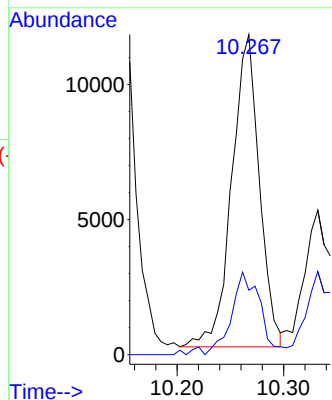
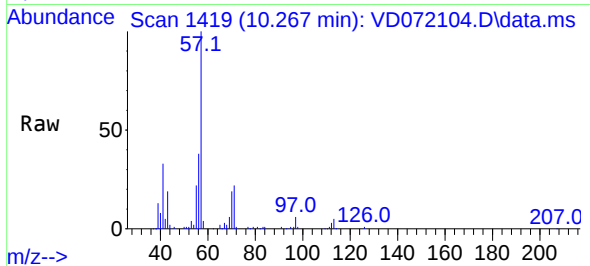




#51
4-Methyl-2-Pentanone
Concen: 10.690 ug/l
RT: 10.267 min Scan# 1419
Delta R.T. 0.047 min
Lab File: VD072104.D
Acq: 25 Feb 2022 17:01

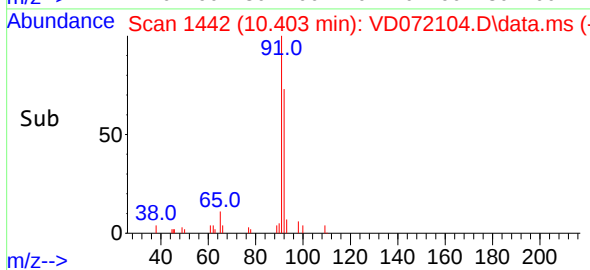
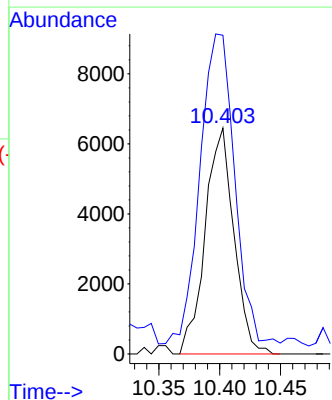
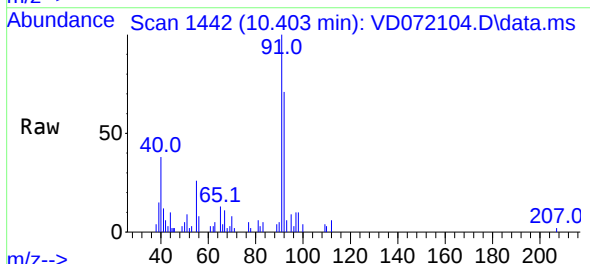
Instrument :
MSVOA_D
ClientSampleId :
UNK-SOUTH

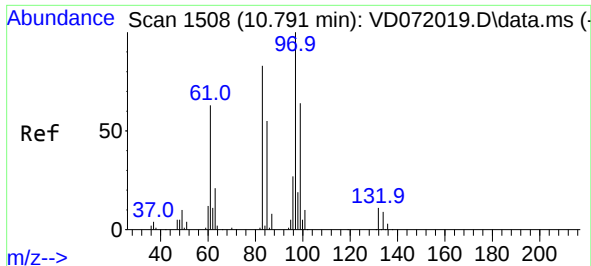
Tgt Ion: 43 Resp: 20797
Ion Ratio Lower Upper
43 100
58 27.3 30.8 46.2#



#52
Toluene
Concen: 1.383 ug/l
RT: 10.403 min Scan# 1442
Delta R.T. 0.006 min
Lab File: VD072104.D
Acq: 25 Feb 2022 17:01

Tgt Ion: 92 Resp: 10615
Ion Ratio Lower Upper
92 100
91 165.5 135.6 203.4

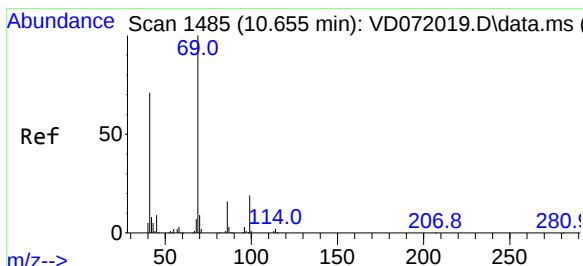
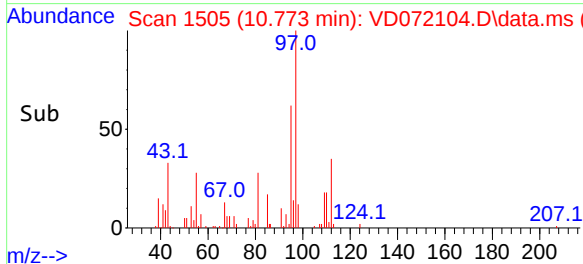
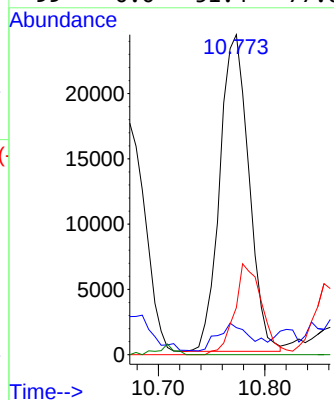
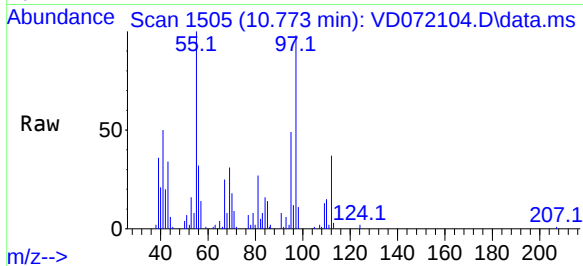




#55
1,1,2-Trichloroethane
Concen: 19.378 ug/l
RT: 10.773 min Scan# 1
Delta R.T. -0.017 min
Lab File: VD072104.D
Acq: 25 Feb 2022 17:01

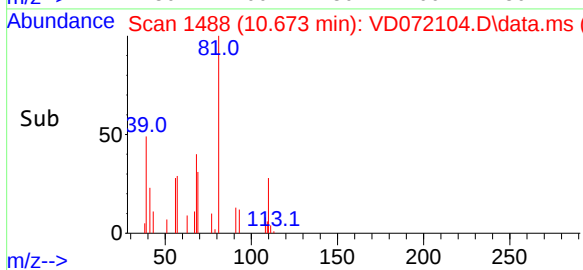
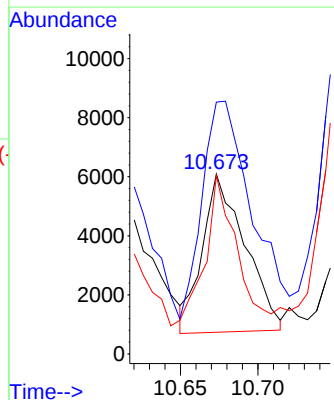
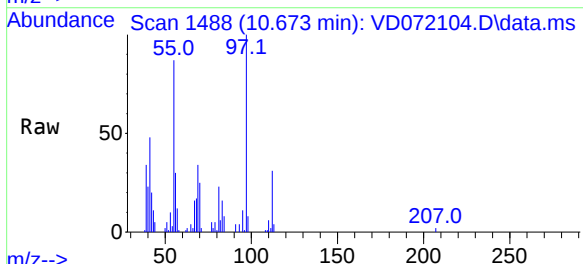
Instrument :
MSVOA_D
ClientSampleId :
UNK-SOUTH

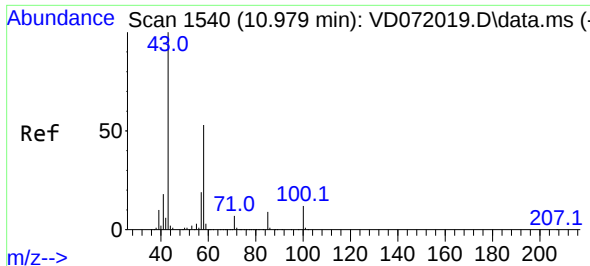
Tgt Ion:	97	Resp:	46047
Ion	Ratio	Lower	Upper
97	100		
83	7.1	66.2	99.4#
85	14.8	43.7	65.5#
99	0.0	51.4	77.0#



#56
Ethyl methacrylate
Concen: 3.612 ug/l
RT: 10.673 min Scan# 1488
Delta R.T. 0.018 min
Lab File: VD072104.D
Acq: 25 Feb 2022 17:01

Tgt Ion:	69	Resp:	10251
Ion	Ratio	Lower	Upper
69	100		
41	171.6	56.8	85.2#
39	75.4	28.2	42.4#

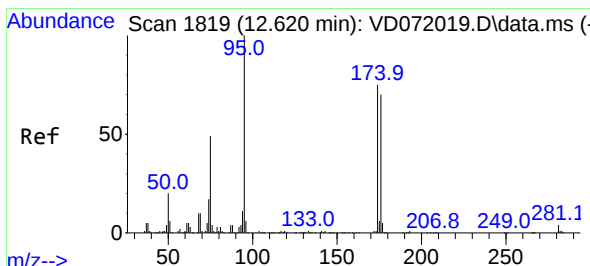
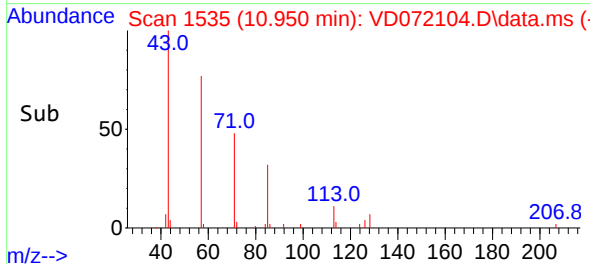
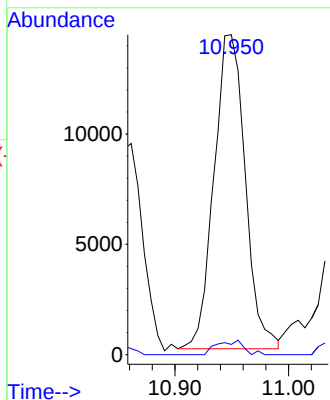
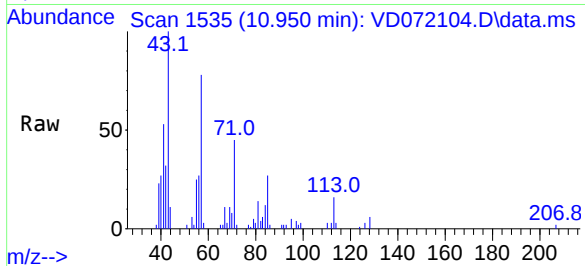




#59
2-Hexanone
Concen: 20.532 ug/l
RT: 10.950 min Scan# 11
Delta R.T. -0.029 min
Lab File: VD072104.D
Acq: 25 Feb 2022 17:01

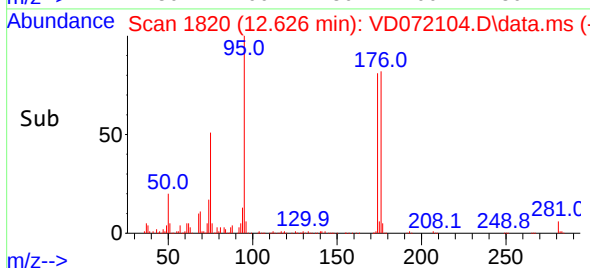
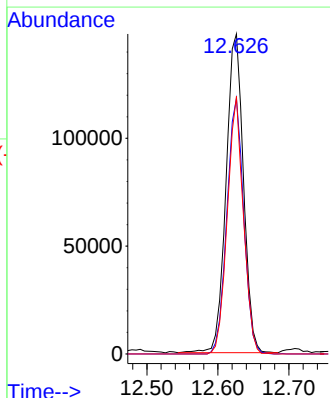
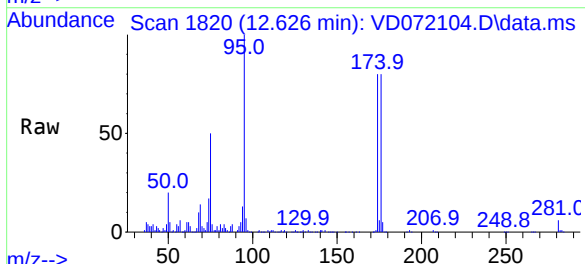
Instrument :
MSVOA_D
ClientSampleId :
UNK-SOUTH

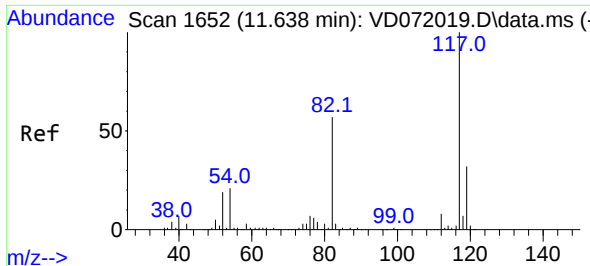
Tgt Ion: 43 Resp: 27245
Ion Ratio Lower Upper
43 100
58 3.9 27.0 80.8#



#62
4-Bromofluorobenzene
Concen: 65.718 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072104.D
Acq: 25 Feb 2022 17:01

Tgt Ion: 95 Resp: 251225
Ion Ratio Lower Upper
95 100
174 77.6 0.0 155.0
176 74.4 0.0 148.8

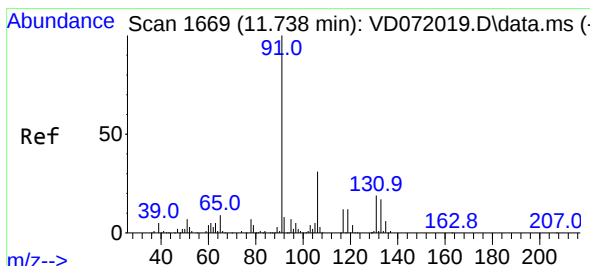
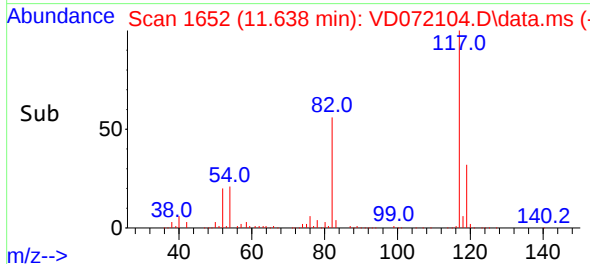
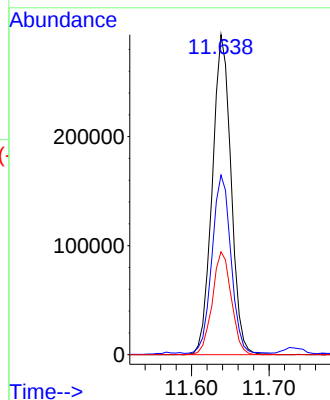
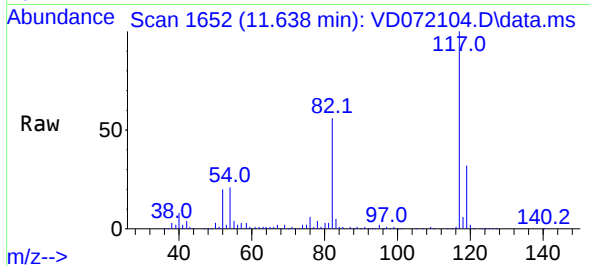




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD072104.D
Acq: 25 Feb 2022 17:01

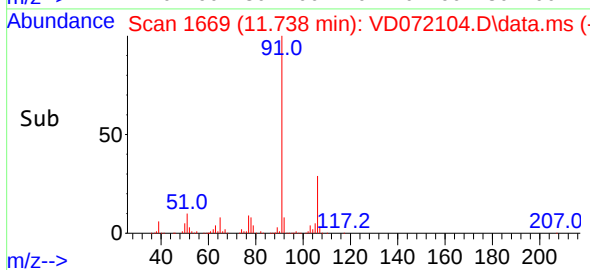
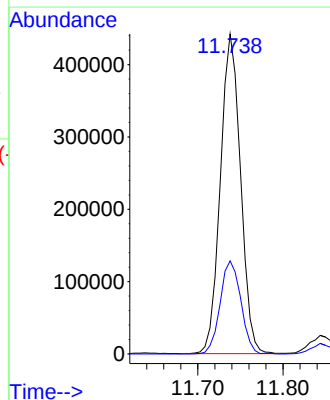
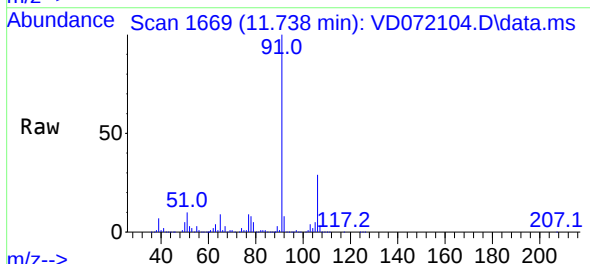
Instrument :
MSVOA_D
ClientSampleId :
UNK-SOUTH

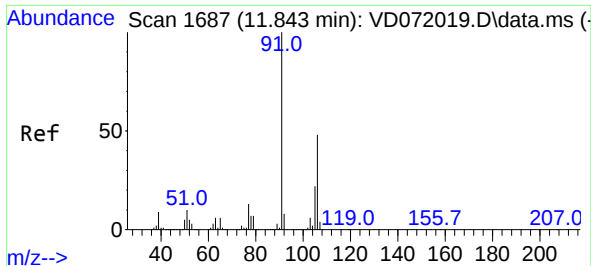
Tgt Ion:117 Resp: 492900
Ion Ratio Lower Upper
117 100
82 55.4 45.4 68.0
119 32.2 25.4 38.2



#67
Ethyl Benzene
Concen: 43.237 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VD072104.D
Acq: 25 Feb 2022 17:01

Tgt Ion: 91 Resp: 726284
Ion Ratio Lower Upper
91 100
106 29.1 24.6 36.8

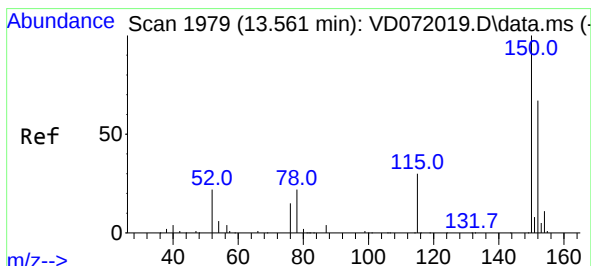
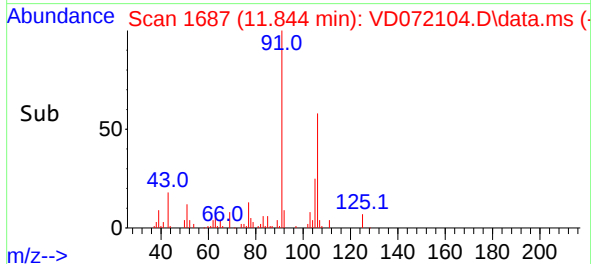
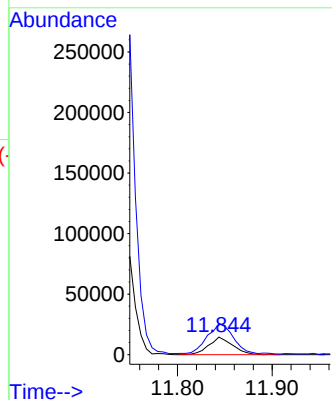
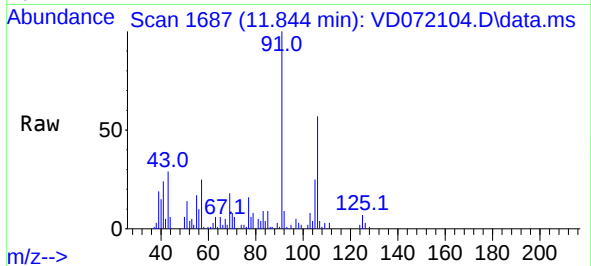




#68
m/p-Xylenes
Concen: 3.936 ug/l
RT: 11.844 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD072104.D
Acq: 25 Feb 2022 17:01

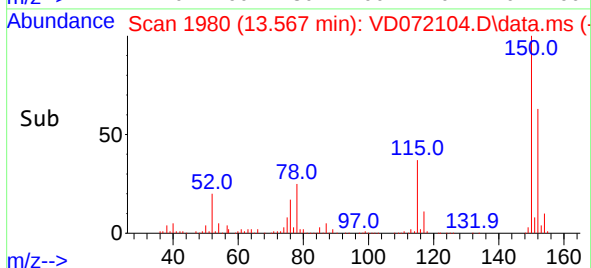
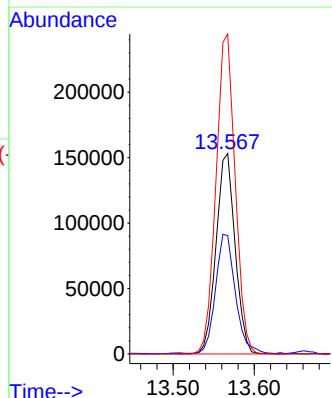
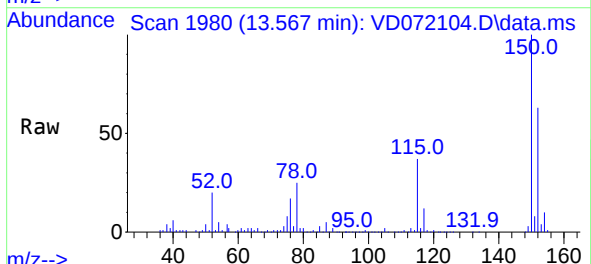
Instrument :
MSVOA_D
ClientSampleId :
UNK-SOUTH

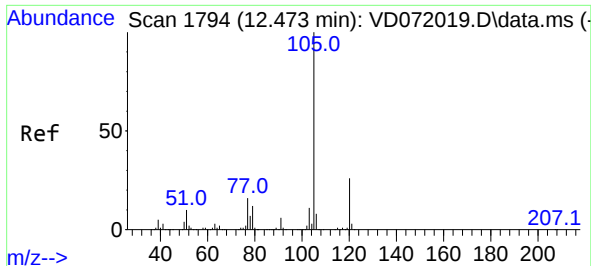
Tgt Ion:106 Resp: 25307
Ion Ratio Lower Upper
106 100
91 193.4 162.6 243.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.006 min
Lab File: VD072104.D
Acq: 25 Feb 2022 17:01

Tgt Ion:152 Resp: 250764
Ion Ratio Lower Upper
152 100
115 61.5 29.9 89.7
150 160.2 0.0 347.6

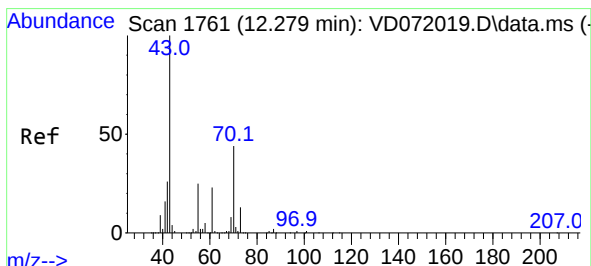
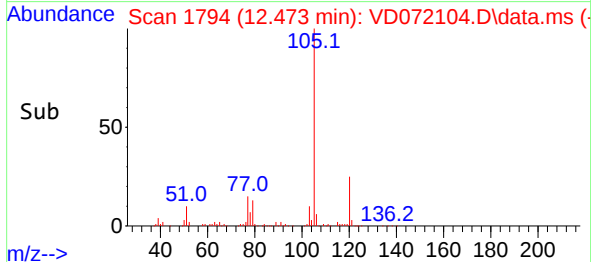
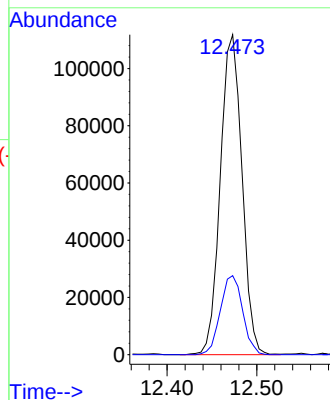
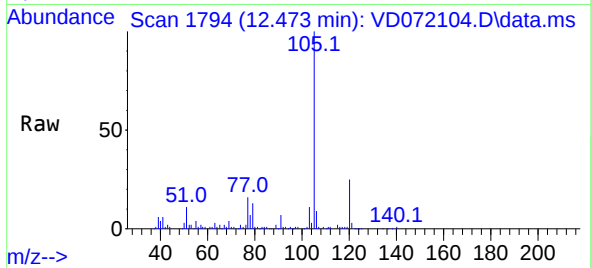




#73
Isopropylbenzene
Concen: 10.878 ug/l
RT: 12.473 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD072104.D
Acq: 25 Feb 2022 17:01

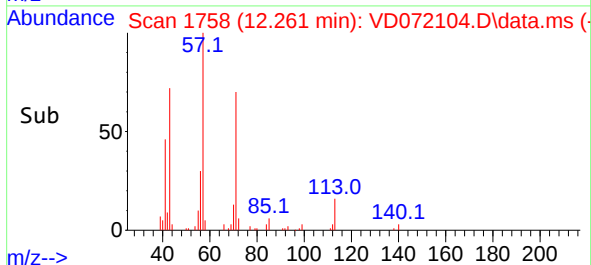
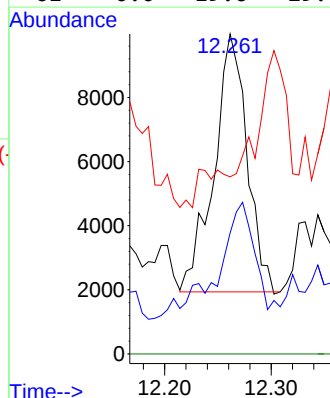
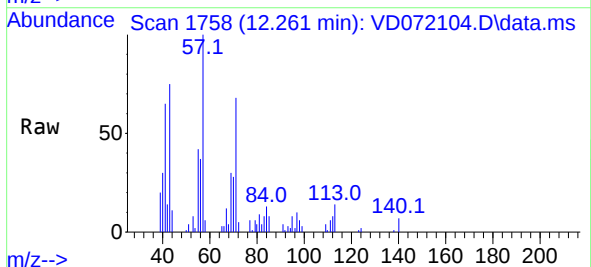
Instrument :
MSVOA_D
ClientSampleId :
UNK-SOUTH

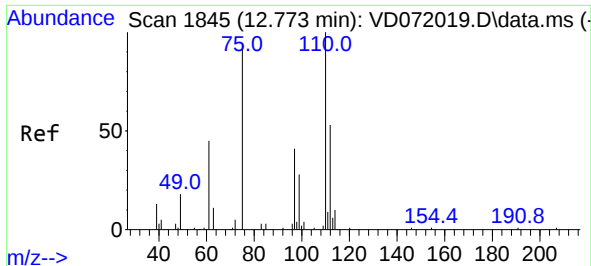
Tgt Ion:105 Resp: 187295
Ion Ratio Lower Upper
105 100
120 25.4 13.1 39.1



#74
N-ethyl acetate
Concen: 4.166 ug/l
RT: 12.261 min Scan# 1758
Delta R.T. -0.017 min
Lab File: VD072104.D
Acq: 25 Feb 2022 17:01

Tgt Ion: 43 Resp: 17321
Ion Ratio Lower Upper
43 100
70 33.9 33.2 49.8
55 0.0 20.6 30.8#
61 0.0 19.6 29.4#

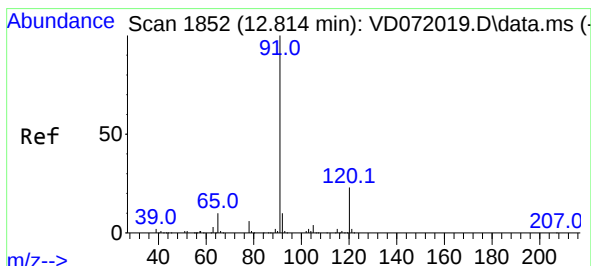
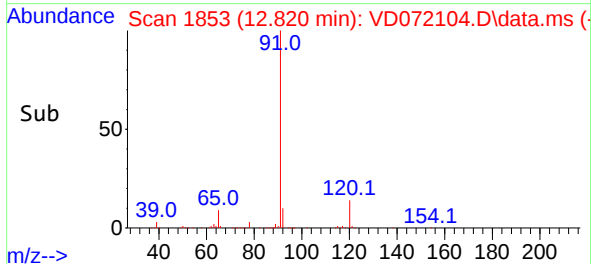
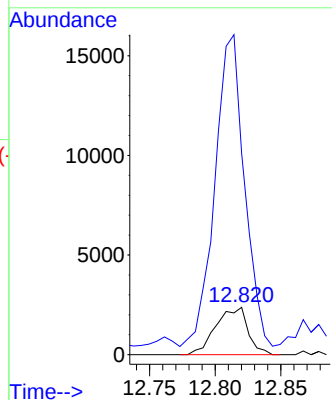
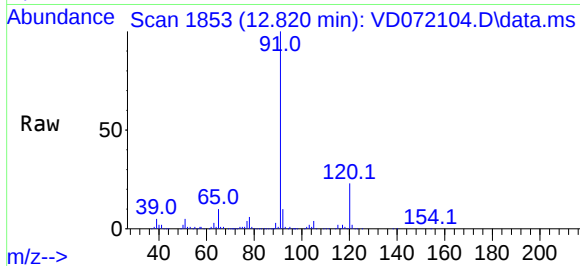




#76
1,2,3-Trichloropropane
Concen: 1.697 ug/l
RT: 12.820 min Scan# 1853
Delta R.T. 0.047 min
Lab File: VD072104.D
Acq: 25 Feb 2022 17:01

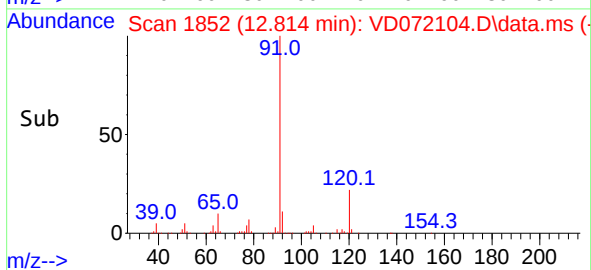
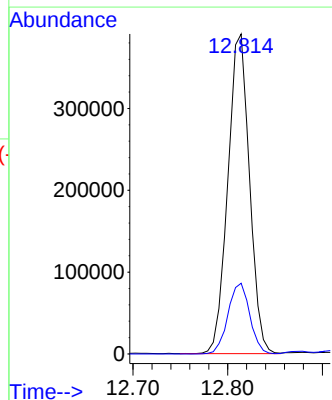
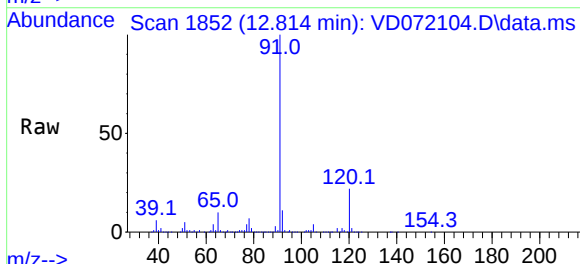
Instrument :
MSVOA_D
ClientSampleId :
UNK-SOUTH

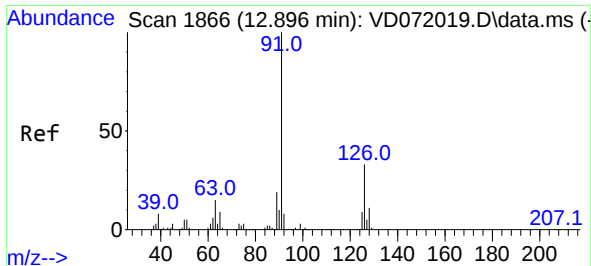
Tgt Ion: 75 Resp: 4031
Ion Ratio Lower Upper
75 100
77 609.4 0.0 0.0#



#78
n-propylbenzene
Concen: 29.320 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VD072104.D
Acq: 25 Feb 2022 17:01

Tgt Ion: 91 Resp: 620486
Ion Ratio Lower Upper
91 100
120 22.3 11.2 33.5

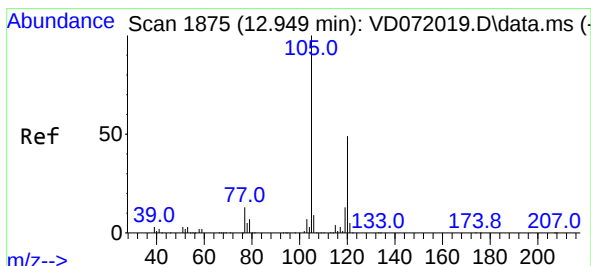
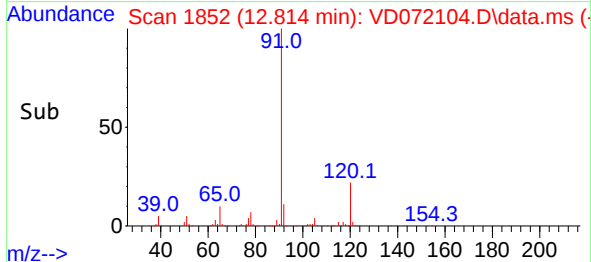
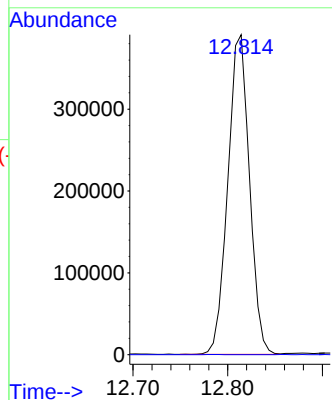
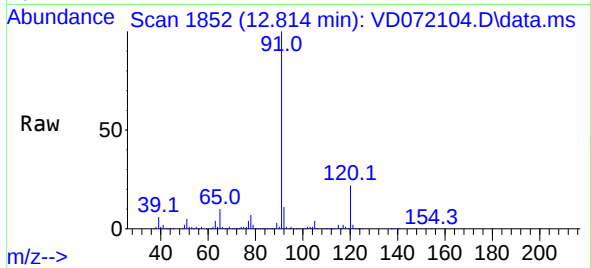




#79
2-Chlorotoluene
Concen: 50.658 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. -0.082 min
Lab File: VD072104.D
Acq: 25 Feb 2022 17:01

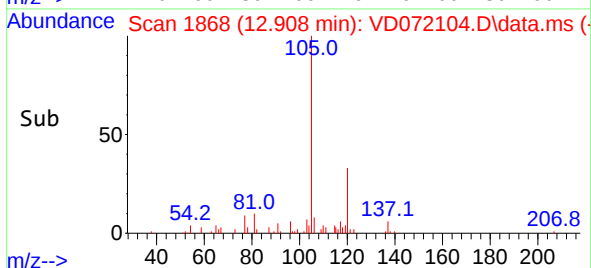
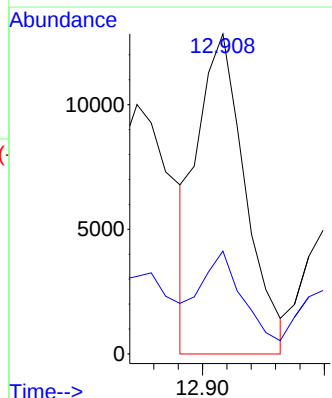
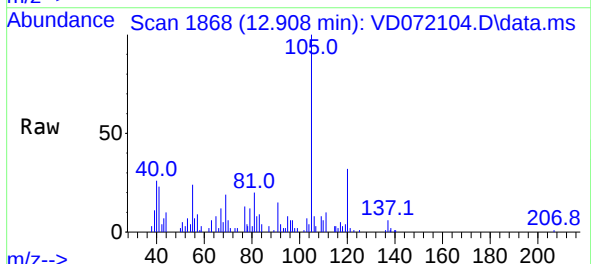
Instrument :
MSVOA_D
ClientSampleId :
UNK-SOUTH

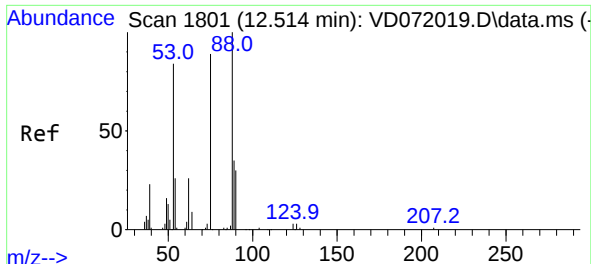
Tgt Ion: 91 Resp: 620486
Ion Ratio Lower Upper
91 100
126 0.0 16.8 50.4#



#80
1,3,5-Trimethylbenzene
Concen: 1.217 ug/l
RT: 12.908 min Scan# 1868
Delta R.T. -0.041 min
Lab File: VD072104.D
Acq: 25 Feb 2022 17:01

Tgt Ion: 105 Resp: 17498
Ion Ratio Lower Upper
105 100
120 31.0 24.9 74.7

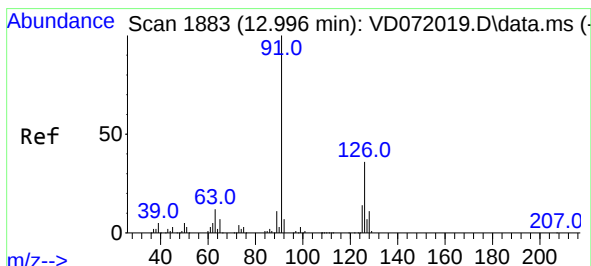
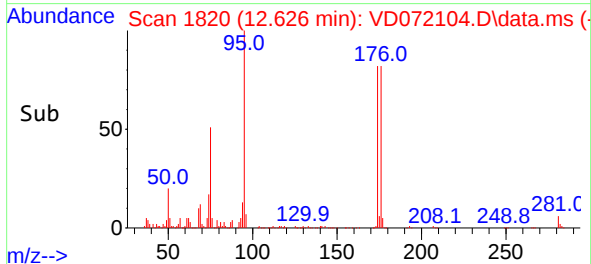
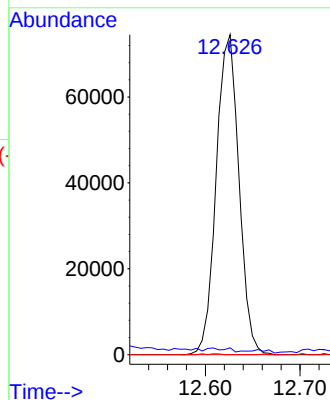
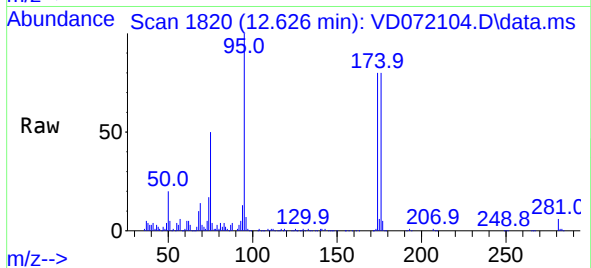




#81
trans-1,4-Dichloro-2-butene
Concen: 130.888 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.112 min
Lab File: VD072104.D
Acq: 25 Feb 2022 17:01

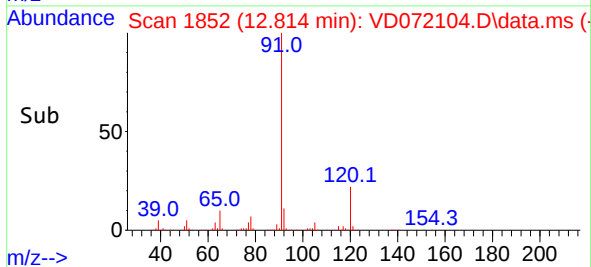
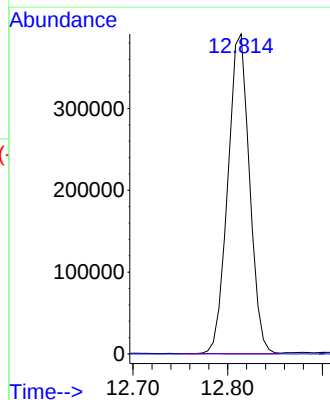
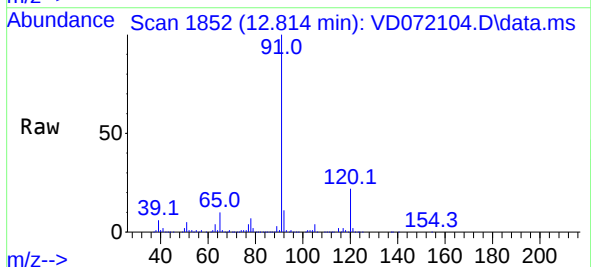
Instrument :
MSVOA_D
ClientSampleId :
UNK-SOUTH

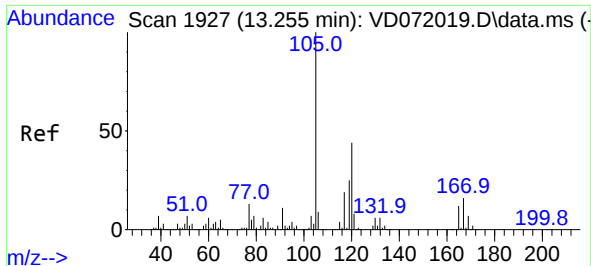
Tgt Ion: 75 Resp: 124150
Ion Ratio Lower Upper
75 100
53 0.7 80.2 120.4#
89 0.0 36.4 54.6#



#82
4-Chlorotoluene
Concen: 48.673 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. -0.182 min
Lab File: VD072104.D
Acq: 25 Feb 2022 17:01

Tgt Ion: 91 Resp: 620486
Ion Ratio Lower Upper
91 100
126 0.0 16.9 50.6#

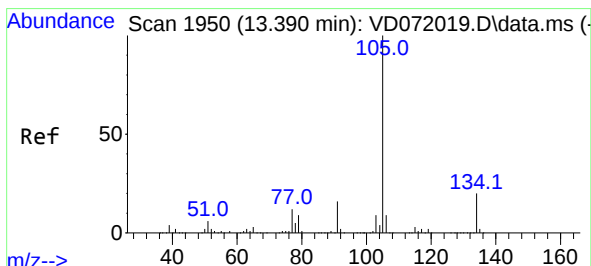
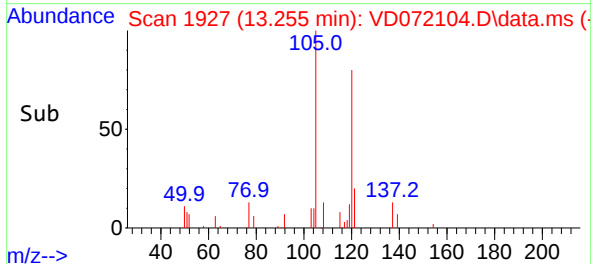
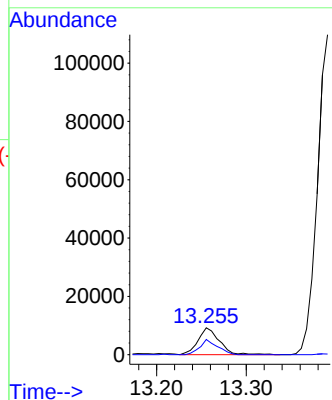
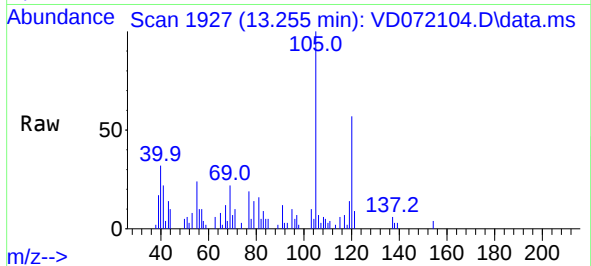




#84
1,2,4-Trimethylbenzene
Concen: 1.077 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VD072104.D
Acq: 25 Feb 2022 17:01

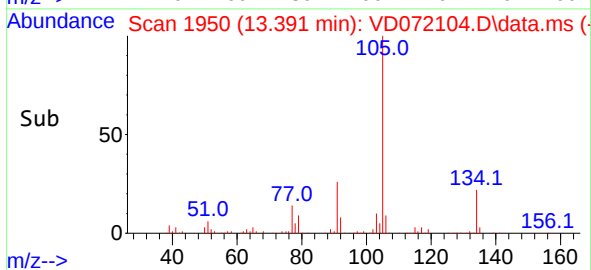
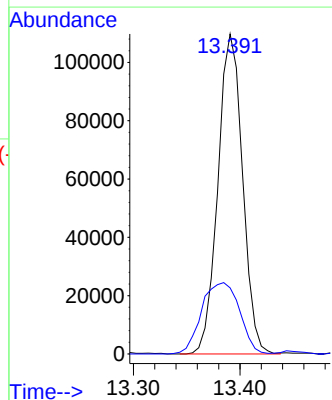
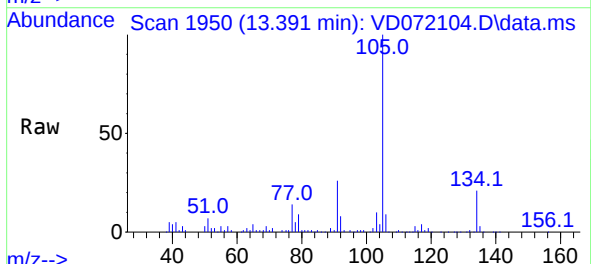
Instrument :
MSVOA_D
ClientSampleId :
UNK-SOUTH

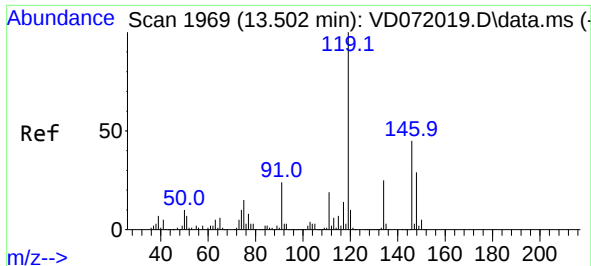
Tgt Ion:105 Resp: 15219
Ion Ratio Lower Upper
105 100
120 46.5 22.4 67.3



#85
sec-Butylbenzene
Concen: 9.360 ug/l
RT: 13.391 min Scan# 1950
Delta R.T. 0.000 min
Lab File: VD072104.D
Acq: 25 Feb 2022 17:01

Tgt Ion:105 Resp: 176117
Ion Ratio Lower Upper
105 100
134 34.3 10.0 29.8#

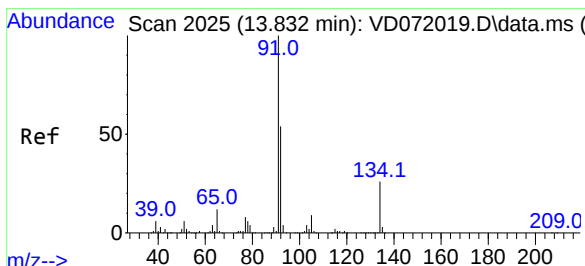
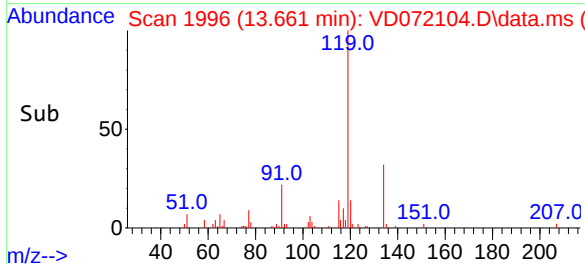
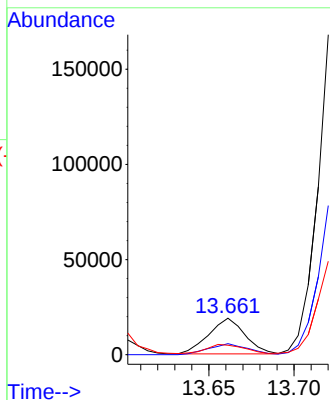
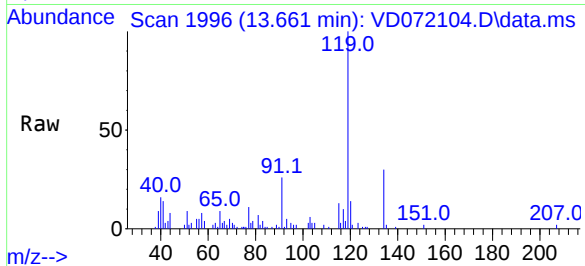




#86
p-Isopropyltoluene
Concen: 1.788 ug/l
RT: 13.661 min Scan# 1969
Delta R.T. 0.159 min
Lab File: VD072104.D
Acq: 25 Feb 2022 17:01

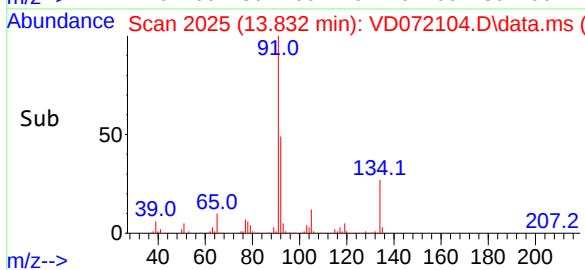
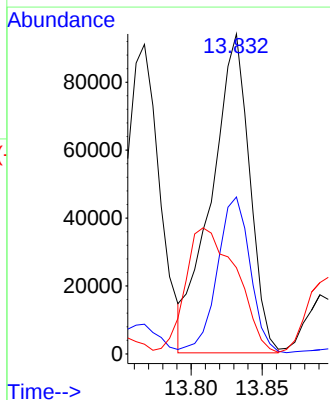
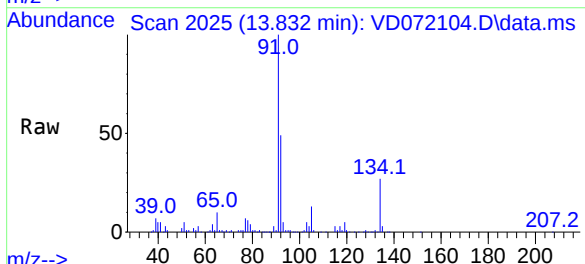
Instrument :
MSVOA_D
ClientSampleId :
UNK-SOUTH

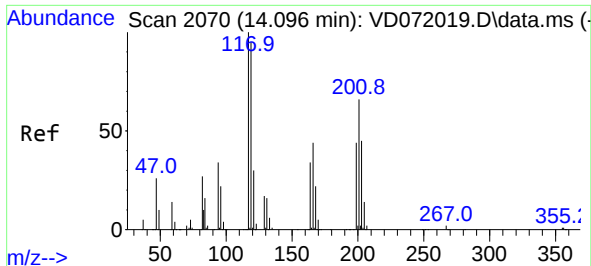
Tgt Ion:119 Resp: 27676
Ion Ratio Lower Upper
119 100
134 33.4 13.0 38.9
91 26.0 11.9 35.5



#89
n-Butylbenzene
Concen: 11.903 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. 0.000 min
Lab File: VD072104.D
Acq: 25 Feb 2022 17:01

Tgt Ion: 91 Resp: 175177
Ion Ratio Lower Upper
91 100
92 43.1 27.0 81.0
134 0.0 12.8 38.4#

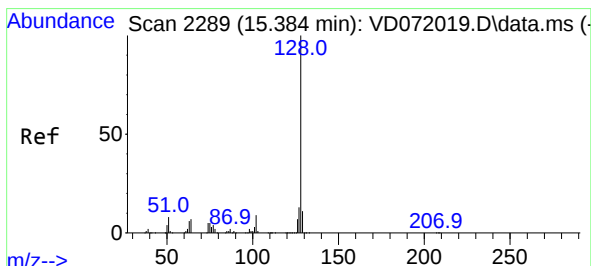
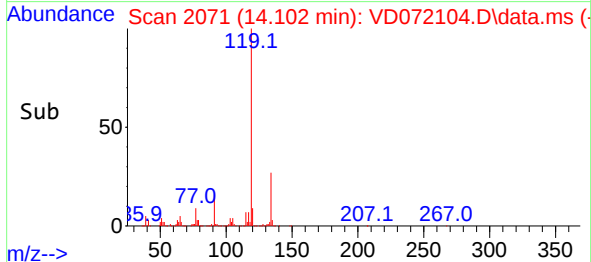
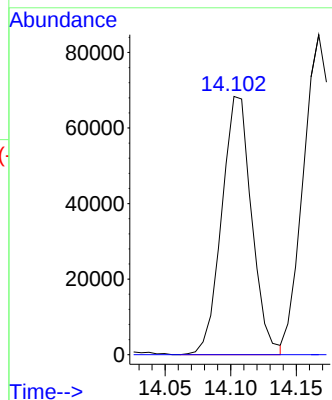
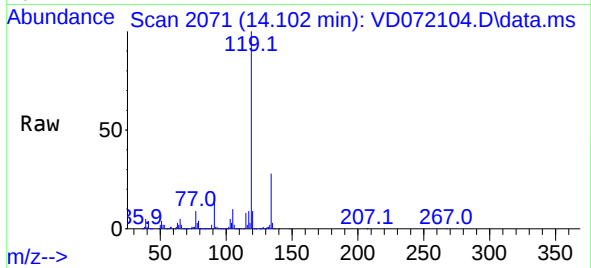




#90
Hexachloroethane
Concen: 35.077 ug/l
RT: 14.102 min Scan# 2070
Delta R.T. 0.006 min
Lab File: VD072104.D
Acq: 25 Feb 2022 17:01

Instrument :
MSVOA_D
ClientSampleId :
UNK-SOUTH

Tgt Ion:117 Resp: 108971
Ion Ratio Lower Upper
117 100
201 0.0 35.2 105.6#



#95
Naphthalene
Concen: 23.673 ug/l
RT: 15.385 min Scan# 2289
Delta R.T. 0.000 min
Lab File: VD072104.D
Acq: 25 Feb 2022 17:01

Tgt Ion:128 Resp: 188675
Ion Ratio Lower Upper
128 100
127 13.2 10.3 15.5
129 11.2 8.7 13.1

