

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022522\
 Data File : VD072105.D
 Acq On : 25 Feb 2022 17:30
 Operator : VA/SY
 Sample : N1655-10
 Misc : 6.91G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 UNK-NORTH

Quant Time: Feb 26 05:43:38 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	7.979	168	615590	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1027469	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1016668	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	515593	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	279528	43.776	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	87.560%
35) Dibromofluoromethane	7.914	113	296372	47.609	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.220%
50) Toluene-d8	10.338	98	1696510	73.489	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	146.980%#
62) 4-Bromofluorobenzene	12.620	95	709688	83.691	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	167.380%#
Target Compounds						
					Qvalue	
5) Bromomethane	2.779	94	475	Below Cal		100
10) Methyl Iodide	4.315	142	211	2.952	ug/l #	78
11) Tert butyl alcohol	5.209	59	5072	13.921	ug/l #	80
13) Acrolein	3.879	56	18380	25.583	ug/l #	1
14) Allyl chloride	4.832	41	31415	3.186	ug/l #	41
15) Acrylonitrile	5.497	53	78893	50.512	ug/l #	40
16) Acetone	4.150	43	145013	105.081	ug/l #	68
17) Carbon Disulfide	4.415	76	6897	1.096	ug/l #	67
19) Methyl tert-butyl Ether	5.485	73	22979	1.679	ug/l #	1
20) Methylene Chloride	4.967	84	21596	3.144	ug/l #	1
23) Vinyl Acetate	6.344	43	24994	2.273	ug/l #	81
25) 2-Butanone	7.208	43	49598	26.004	ug/l #	60
29) Tetrahydrofuran	7.556	42	8619	7.081	ug/l #	35
30) Chloroform	7.667	83	314953	25.047	ug/l #	18
31) Cyclohexane	7.961	56	1821524	161.501	ug/l #	51
36) 1,1-Dichloropropene	7.979	75	52696	5.588	ug/l #	50
37) Ethyl Acetate	7.208	43	49598	11.343	ug/l #	74
38) Carbon Tetrachloride	7.979	117	60118	6.220	ug/l #	17
39) Methylcyclohexane	9.355	83	6547589	593.270	ug/l	99
40) Benzene	8.350	78	1411485	53.047	ug/l	98
41) Methacrylonitrile	7.561	41	74177	27.356	ug/l #	51
42) 1,2-Dichloroethane	8.467	62	9924	1.243	ug/l #	1
43) Isopropyl Acetate	8.450	43	610935	75.028	ug/l #	51
45) 1,2-Dichloropropane	9.355	63	78645	11.080	ug/l #	1
47) Bromodichloromethane	9.644	83	655888	67.882	ug/l #	26
48) Methyl methacrylate	9.408	41	508829	123.703	ug/l #	41
49) 1,4-Dioxane	9.350	88	76	1.710	ug/l #	1
51) 4-Methyl-2-Pentanone	10.114	43	5275018	1222.364	ug/l #	42
52) Toluene	10.397	92	143697	8.439	ug/l	95
55) 1,1,2-Trichloroethane	10.773	97	1606267	304.729	ug/l #	21
56) Ethyl methacrylate	10.679	69	457885	72.742	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.920	63	21077	7.485	ug/l #	47
59) 2-Hexanone	10.949	43	2646836	899.215	ug/l #	29
60) Dibromochloromethane	11.049	129	7127	1.083	ug/l #	12
61) 1,2-Dibromoethane	11.208	107	17704	3.515	ug/l #	1
67) Ethyl Benzene	11.738	91	5695326	164.381	ug/l	99

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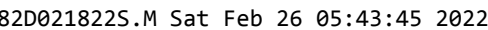
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 QLast Update : Sat Feb 19 04:05:38 2022
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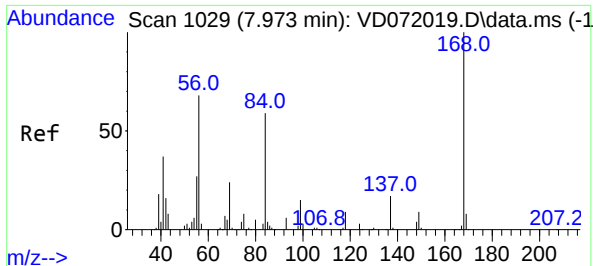
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

68) m/p-Xylenes	11.844	106	903952	68.154	ug/l	97
69) o-Xylene	12.173	106	138801	11.125	ug/l	94
73) Isopropylbenzene	12.473	105	2721412	76.874	ug/l	99
74) N-amyl acetate	12.261	43	1098043	128.452	ug/l #	66
75) 1,1,2,2-Tetrachloroethane	12.708	83	67350	9.623	ug/l #	61
76) 1,2,3-Trichloropropane	12.814	75	58070	11.890	ug/l #	100
78) n-propylbenzene	12.808	91	8824883	202.813	ug/l	97
79) 2-Chlorotoluene	12.808	91	8824883	350.413	ug/l #	42
80) 1,3,5-Trimethylbenzene	12.949	105	866523	29.314	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.473	75	34329	17.602	ug/l #	5
82) 4-Chlorotoluene	12.808	91	8824883	336.685	ug/l #	42
84) 1,2,4-Trimethylbenzene	13.255	105	2024188	69.658	ug/l	99
85) sec-Butylbenzene	13.390	105	1274715	32.948	ug/l #	63
86) p-Isopropyltoluene	13.449	119	233246	7.330	ug/l	96
89) n-Butylbenzene	13.832	91	1478229	48.852	ug/l #	75
90) Hexachloroethane	14.102	117	634699	99.367	ug/l #	14
92) 1,2-Dibromo-3-Chloropr...	14.508	75	7168	6.574	ug/l #	17
95) Naphthalene	15.385	128	772155	47.120	ug/l	97

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

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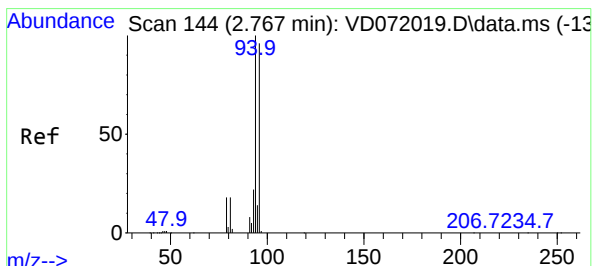
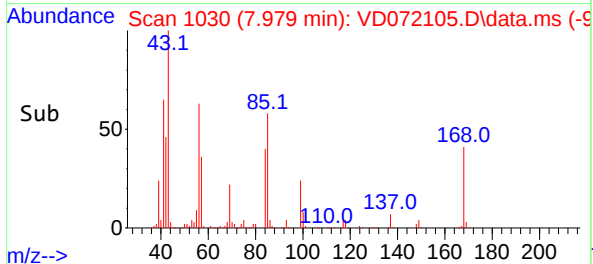
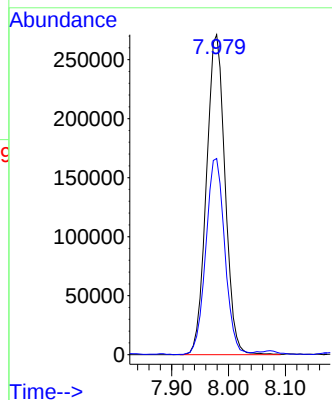
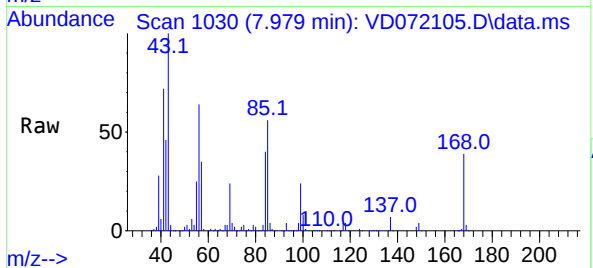




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1029
Delta R.T. 0.006 min
Lab File: VD072105.D
Acq: 25 Feb 2022 17:30

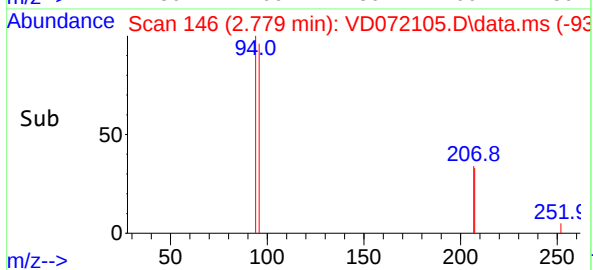
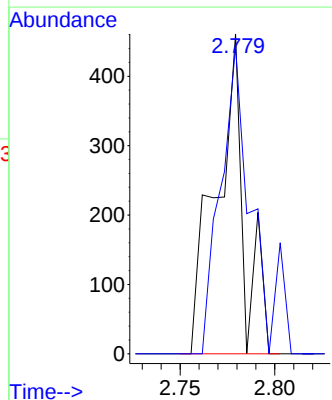
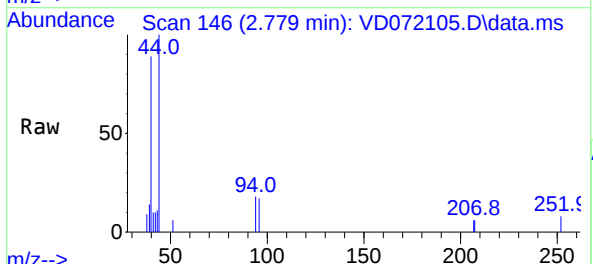
Instrument :
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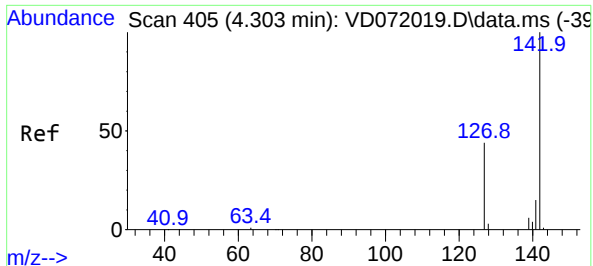
Tgt Ion:168 Resp: 615590
Ion Ratio Lower Upper
168 100
99 61.2 47.1 70.7



#5
Bromomethane
Concen: Below Cal
RT: 2.779 min Scan# 146
Delta R.T. 0.012 min
Lab File: VD072105.D
Acq: 25 Feb 2022 17:30

Tgt Ion: 94 Resp: 475
Ion Ratio Lower Upper
94 100
96 96.1 76.8 115.2

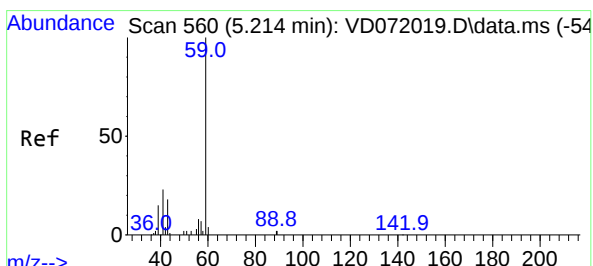
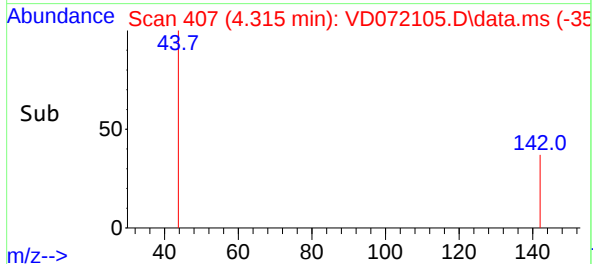
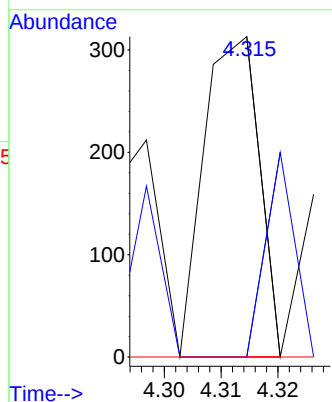
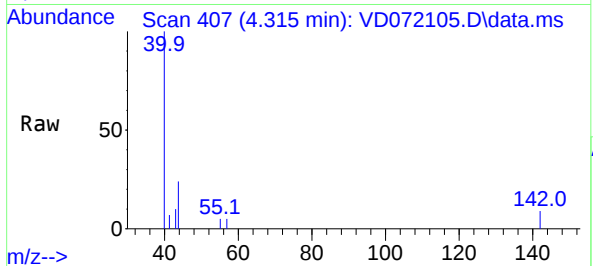




#10
Methyl Iodide
Concen: 2.952 ug/l
RT: 4.315 min Scan# 40
Delta R.T. 0.012 min
Lab File: VD072105.D
Acq: 25 Feb 2022 17:30

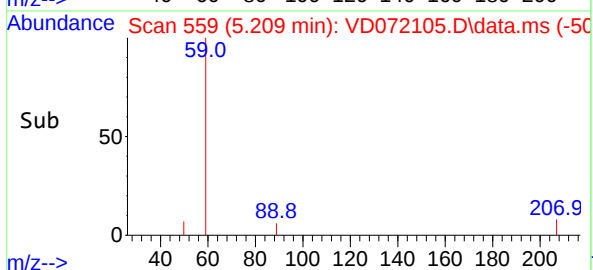
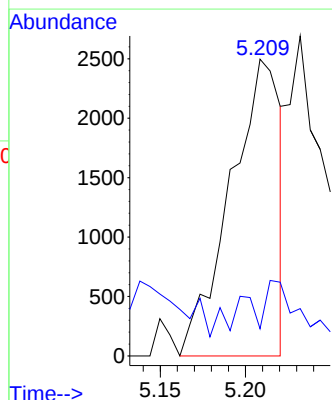
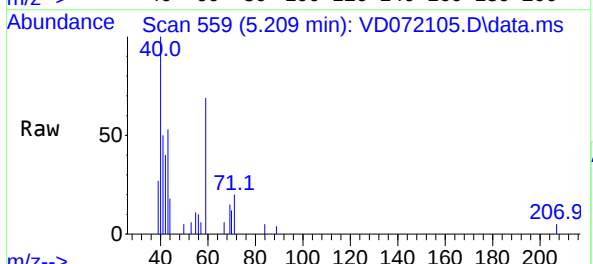
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ClientSampleId :
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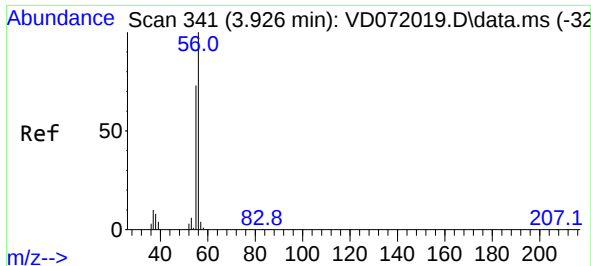
Tgt Ion:142 Resp: 211
Ion Ratio Lower Upper
142 100
127 33.6 35.8 53.8#
141 0.0 11.6 17.4#



#11
Tert butyl alcohol
Concen: 13.921 ug/l
RT: 5.209 min Scan# 559
Delta R.T. -0.006 min
Lab File: VD072105.D
Acq: 25 Feb 2022 17:30

Tgt Ion: 59 Resp: 5072
Ion Ratio Lower Upper
59 100
57 0.0 5.4 8.2#

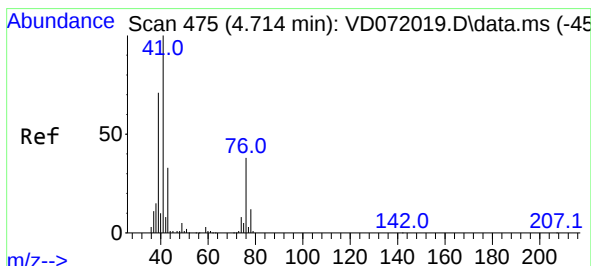
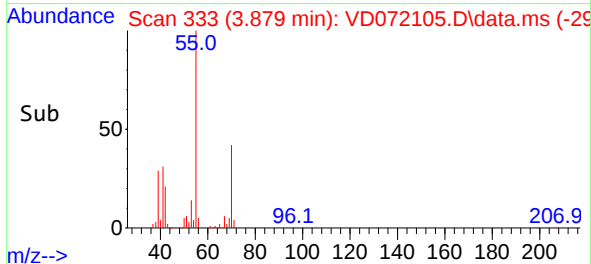
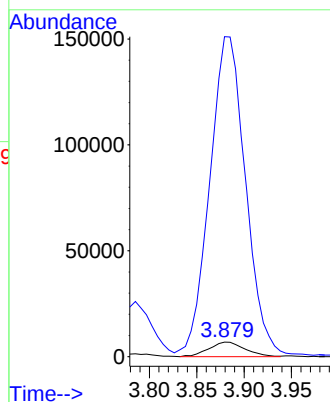
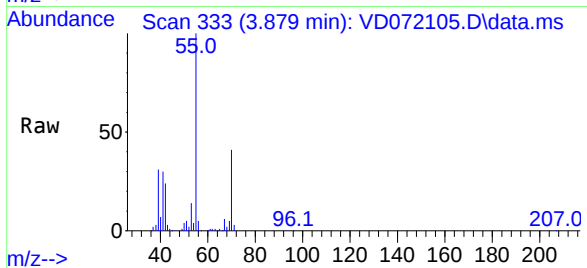




#13
Acrolein
Concen: 25.583 ug/l
RT: 3.879 min Scan# 313
Delta R.T. -0.047 min
Lab File: VD072105.D
Acq: 25 Feb 2022 17:30

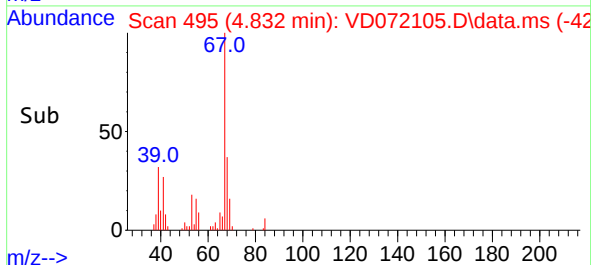
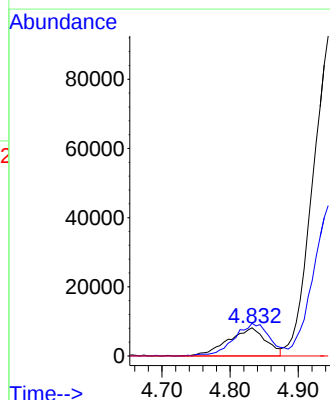
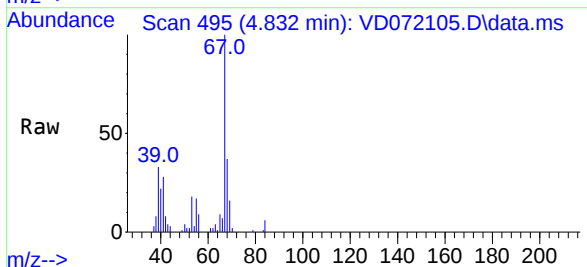
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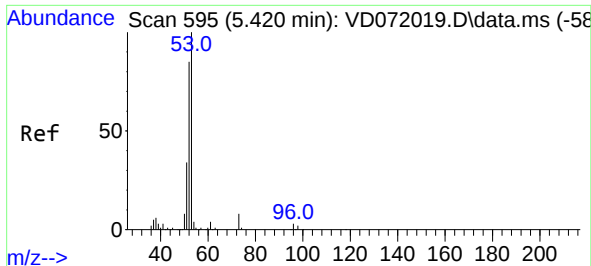
Tgt Ion: 56 Resp: 18380
Ion Ratio Lower Upper
56 100
55 2154.3 55.8 83.6#



#14
Allyl chloride
Concen: 3.186 ug/l
RT: 4.832 min Scan# 495
Delta R.T. 0.118 min
Lab File: VD072105.D
Acq: 25 Feb 2022 17:30

Tgt Ion: 41 Resp: 31415
Ion Ratio Lower Upper
41 100
39 111.5 52.2 78.2#
76 0.0 28.1 42.1#

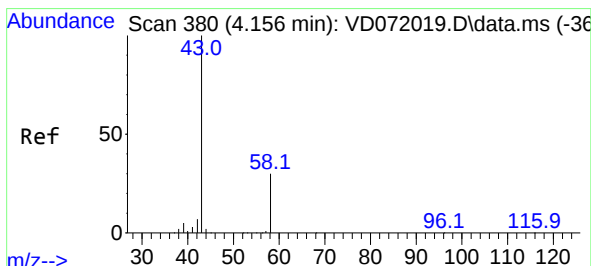
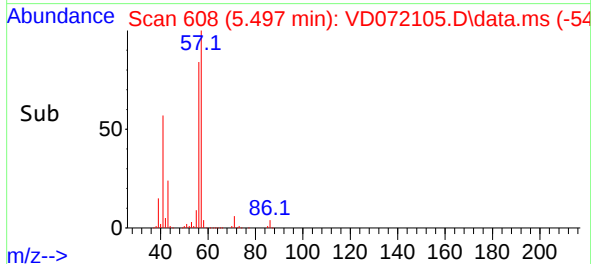
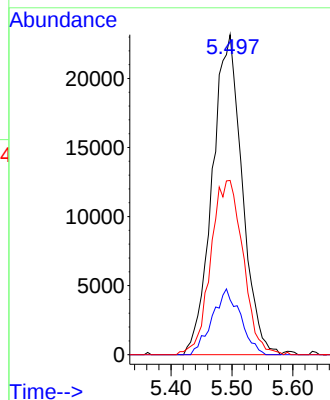
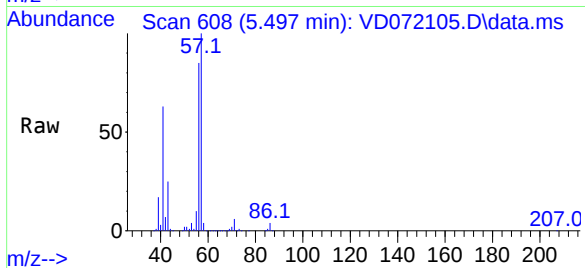




#15
Acrylonitrile
Concen: 50.512 ug/l
RT: 5.497 min Scan# 608
Delta R.T. 0.077 min
Lab File: VD072105.D
Acq: 25 Feb 2022 17:30

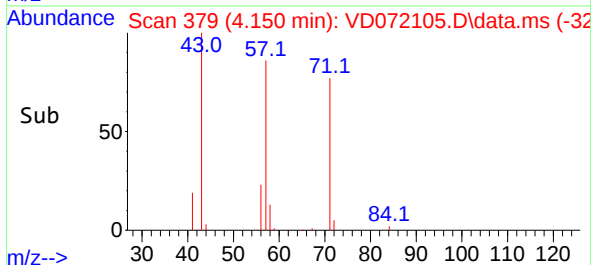
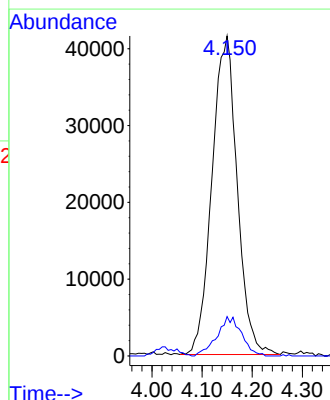
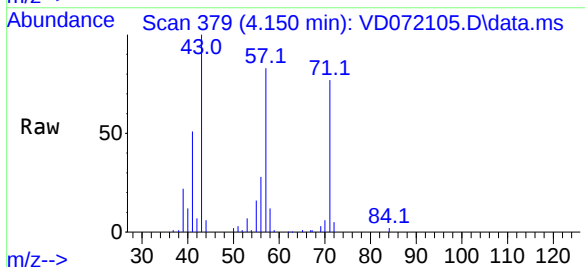
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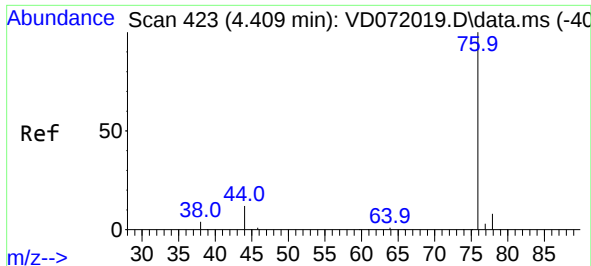
Tgt Ion: 53 Resp: 78893
Ion Ratio Lower Upper
53 100
52 19.4 65.8 98.6#
51 58.9 29.4 44.0#



#16
Acetone
Concen: 105.081 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD072105.D
Acq: 25 Feb 2022 17:30

Tgt Ion: 43 Resp: 145013
Ion Ratio Lower Upper
43 100
58 12.4 23.8 35.6#

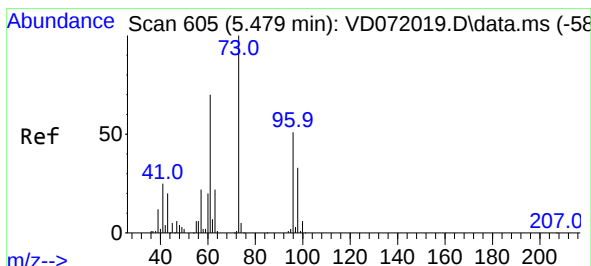
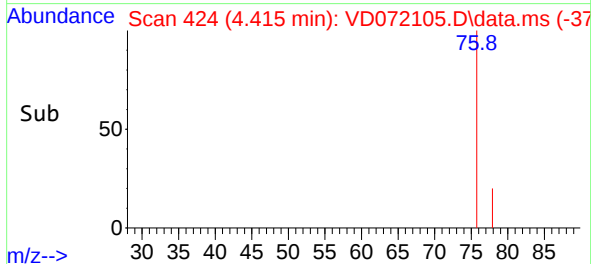
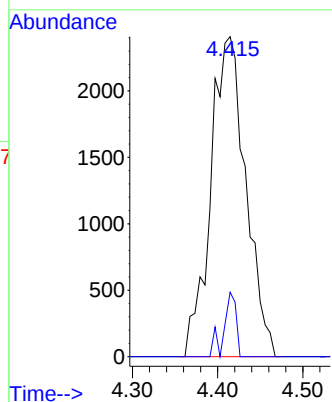
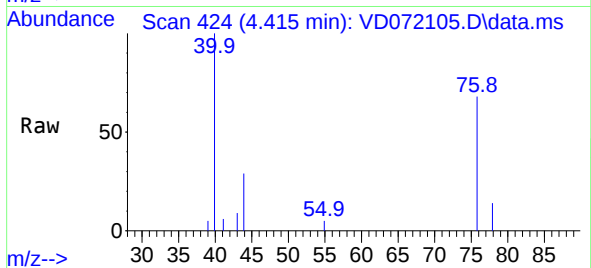




#17
Carbon Disulfide
Concen: 1.096 ug/l
RT: 4.415 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD072105.D
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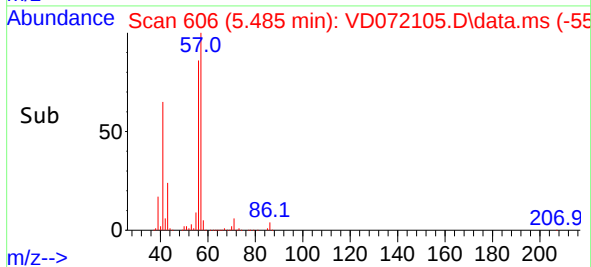
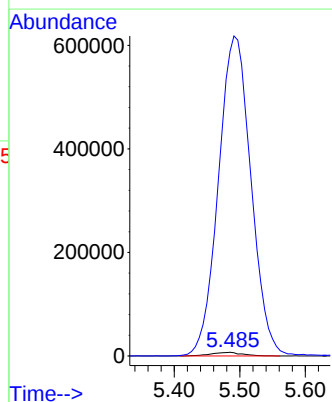
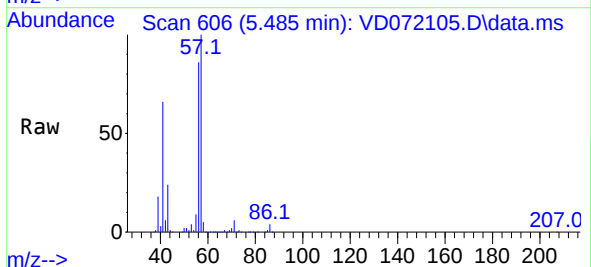
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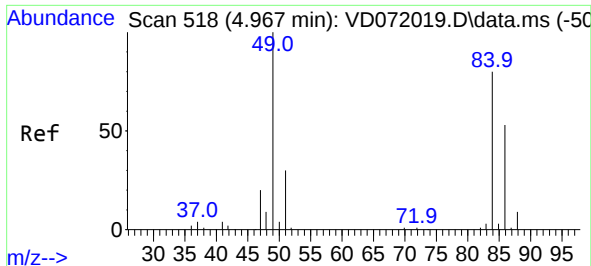
Tgt Ion: 76 Resp: 6897
Ion Ratio Lower Upper
76 100
78 20.1 6.7 10.1#



#19
Methyl tert-butyl Ether
Concen: 1.679 ug/l
RT: 5.485 min Scan# 606
Delta R.T. 0.006 min
Lab File: VD072105.D
Acq: 25 Feb 2022 17:30

Tgt Ion: 73 Resp: 22979
Ion Ratio Lower Upper
73 100
57 8384.7 18.0 27.0#



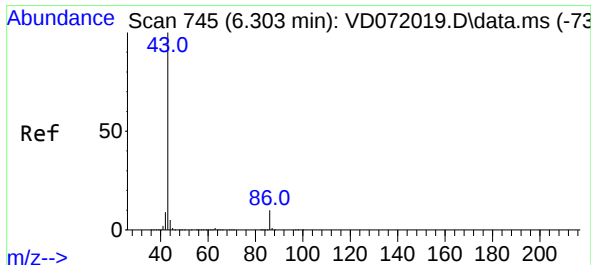
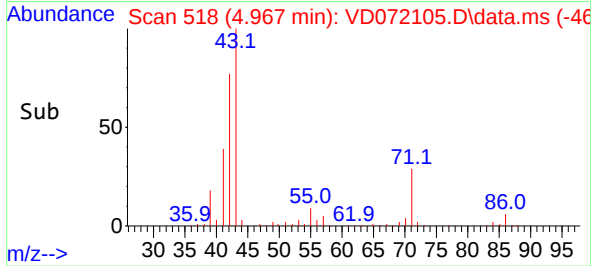
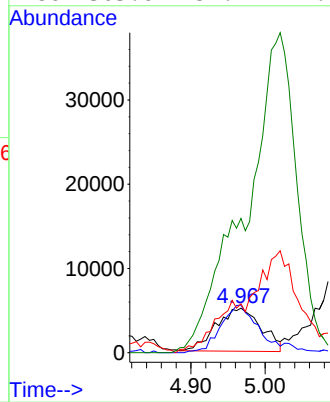
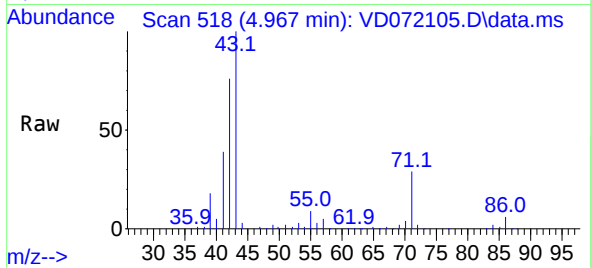


#20
Methylene Chloride
Concen: 3.144 ug/l
RT: 4.967 min Scan# 518
Delta R.T. 0.000 min
Lab File: VD072105.D
Acq: 25 Feb 2022 17:30

Instrument :
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Tgt Ion: 84 Resp: 21596

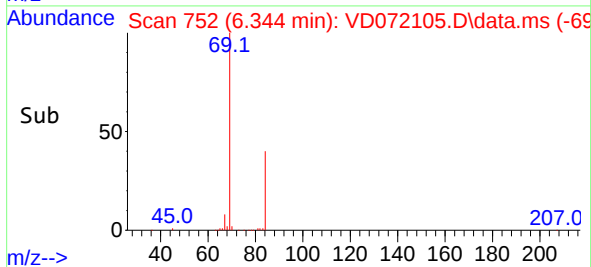
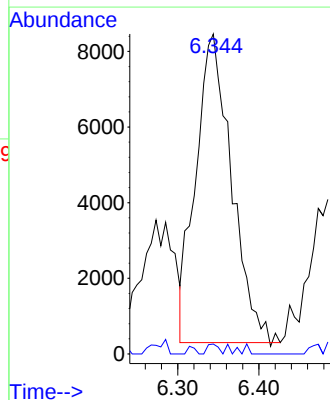
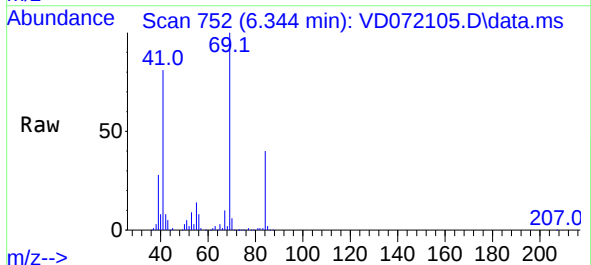
Ion	Ratio	Lower	Upper
84	100		
49	112.1	100.0	150.0
51	107.1	30.2	45.4#
86	303.6	52.7	79.1#

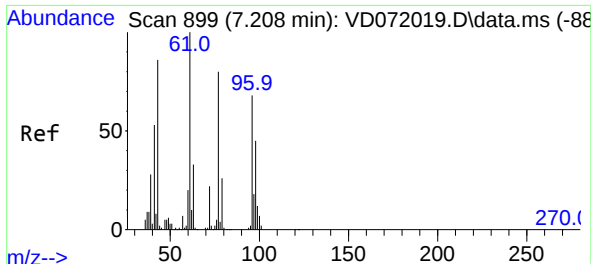


#23
Vinyl Acetate
Concen: 2.273 ug/l
RT: 6.344 min Scan# 752
Delta R.T. 0.041 min
Lab File: VD072105.D
Acq: 25 Feb 2022 17:30

Tgt Ion: 43 Resp: 24994

Ion	Ratio	Lower	Upper
43	100		
86	3.2	8.1	12.1#

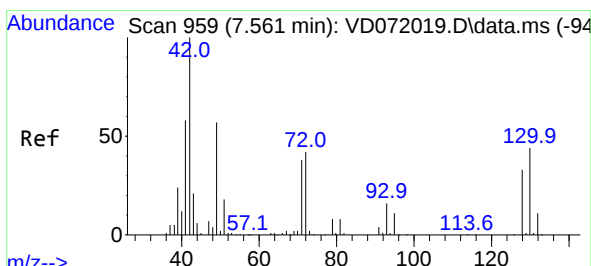
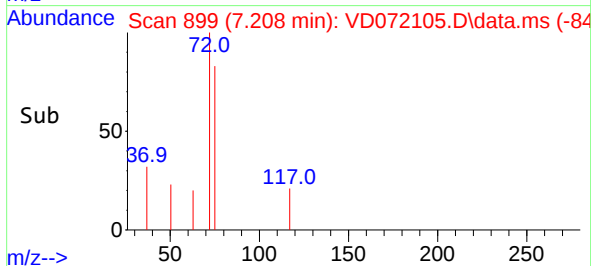
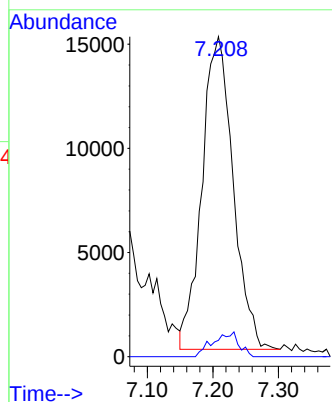
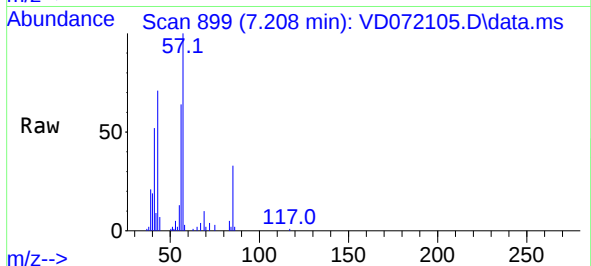




#25
2-Butanone
Concen: 26.004 ug/l
RT: 7.208 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD072105.D
Acq: 25 Feb 2022 17:30

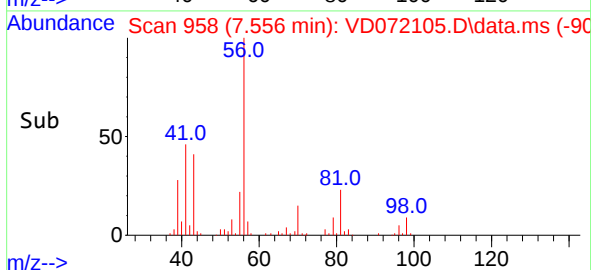
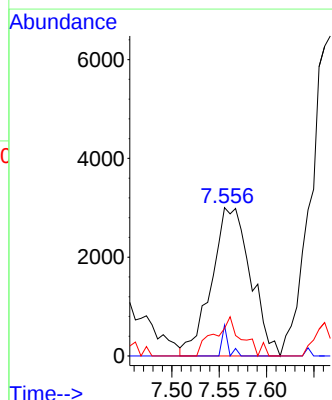
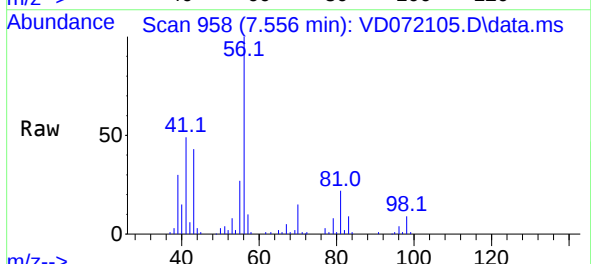
Instrument :
MSVOA_D
ClientSampleId :
UNK-NORTH

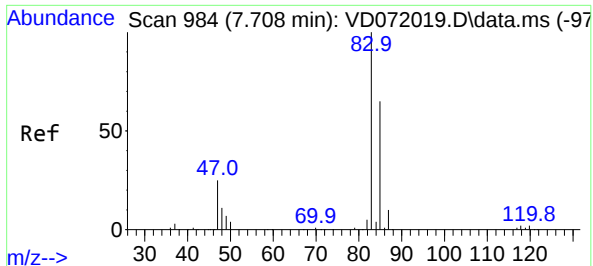
Tgt Ion: 43 Resp: 49598
Ion Ratio Lower Upper
43 100
72 5.2 20.3 30.5#



#29
Tetrahydrofuran
Concen: 7.081 ug/l
RT: 7.556 min Scan# 958
Delta R.T. -0.006 min
Lab File: VD072105.D
Acq: 25 Feb 2022 17:30

Tgt Ion: 42 Resp: 8619
Ion Ratio Lower Upper
42 100
72 0.0 33.6 50.4#
71 0.0 31.0 46.4#

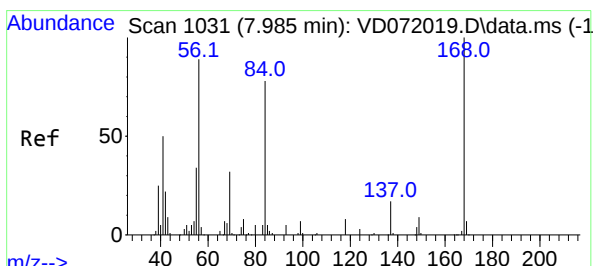
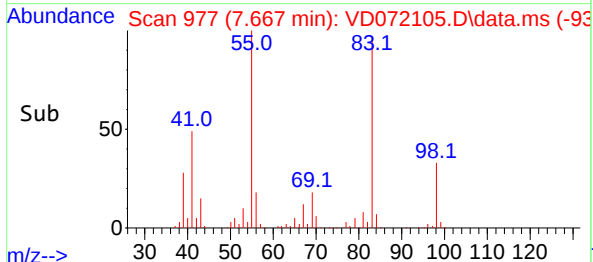
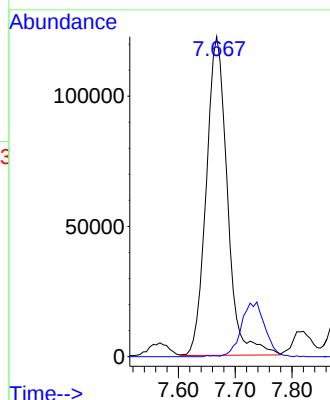
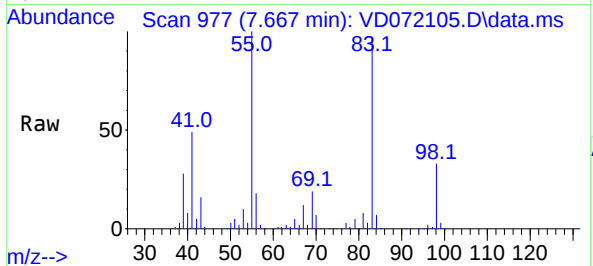




#30
Chloroform
Concen: 25.047 ug/l
RT: 7.667 min Scan# 91
Delta R.T. -0.041 min
Lab File: VD072105.D
Acq: 25 Feb 2022 17:30

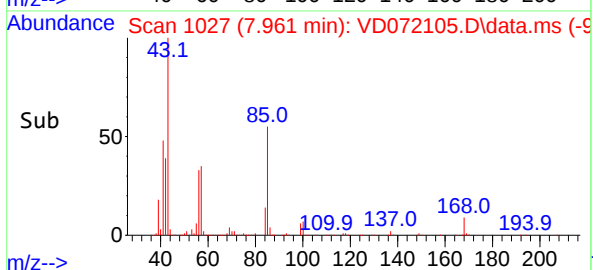
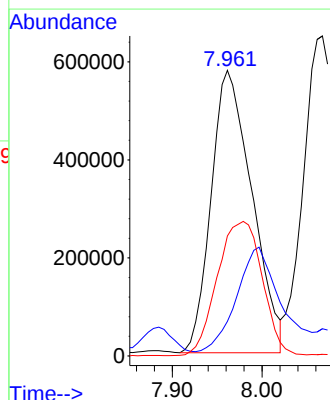
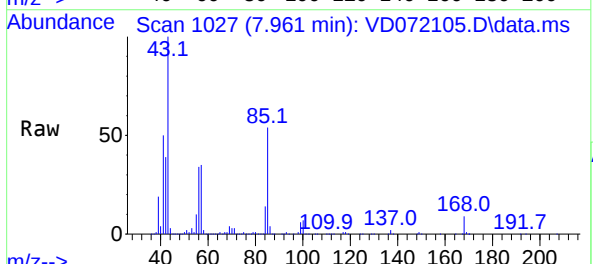
Instrument :
MSVOA_D
ClientSampleId :
UNK-NORTH

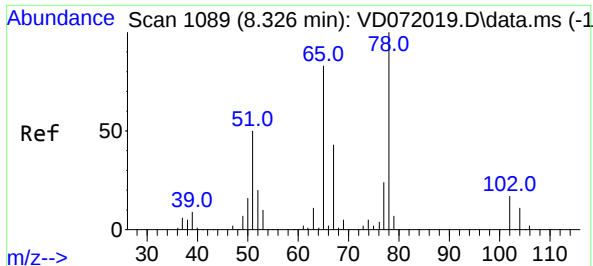
Tgt Ion: 83 Resp: 314953
Ion Ratio Lower Upper
83 100
85 0.3 52.2 78.2#



#31
Cyclohexane
Concen: 161.501 ug/l
RT: 7.961 min Scan# 1027
Delta R.T. -0.023 min
Lab File: VD072105.D
Acq: 25 Feb 2022 17:30

Tgt Ion: 56 Resp: 1821524
Ion Ratio Lower Upper
56 100
69 8.4 28.9 43.3#
84 42.3 70.6 105.8#





#33

1,2-Dichloroethane-d4

Concen: 43.776 ug/l

RT: 8.332 min Scan# 1089

Delta R.T. 0.006 min

Lab File: VD072105.D

Acq: 25 Feb 2022 17:30

Instrument :

MSVOA_D

ClientSampleId :

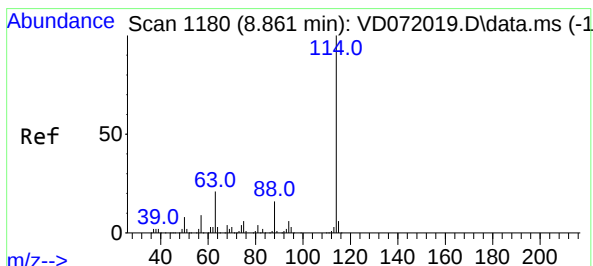
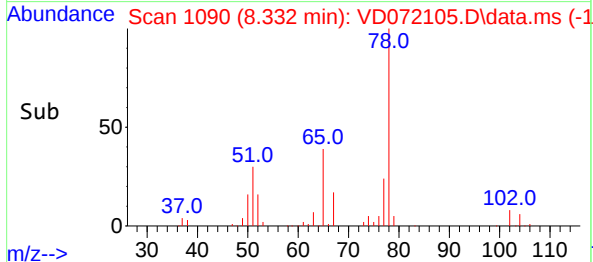
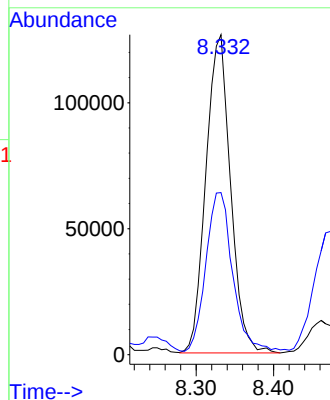
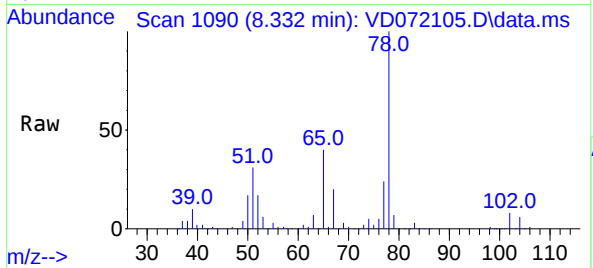
UNK-NORTH

Tgt Ion: 65 Resp: 279528

Ion Ratio Lower Upper

65 100

67 54.0 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: VD072105.D

Acq: 25 Feb 2022 17:30

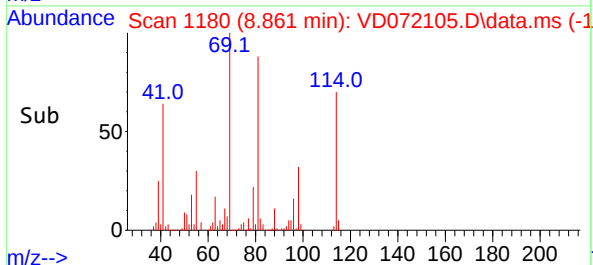
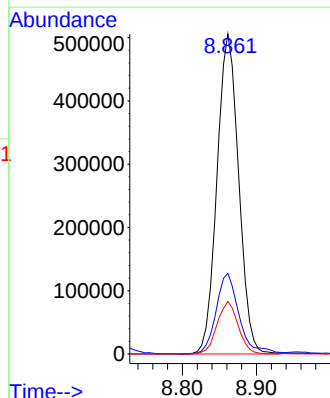
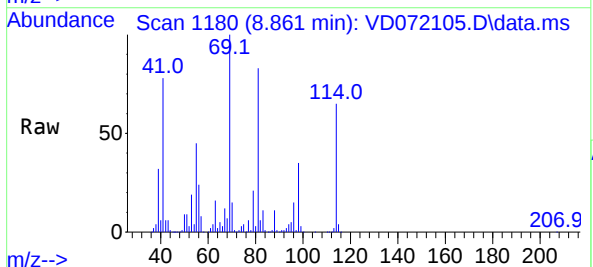
Tgt Ion:114 Resp: 1027469

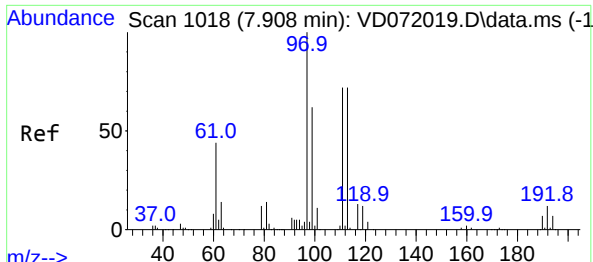
Ion Ratio Lower Upper

114 100

63 25.2 0.0 42.2

88 16.4 0.0 31.2

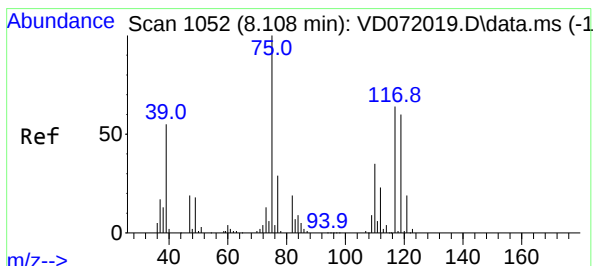
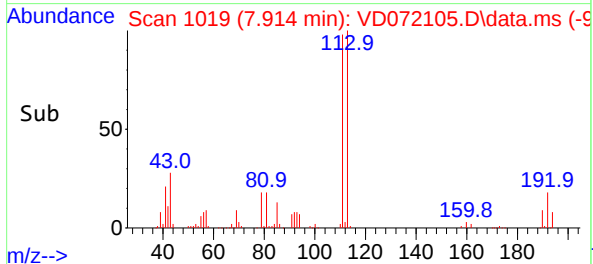
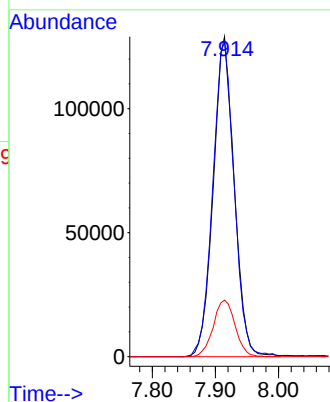
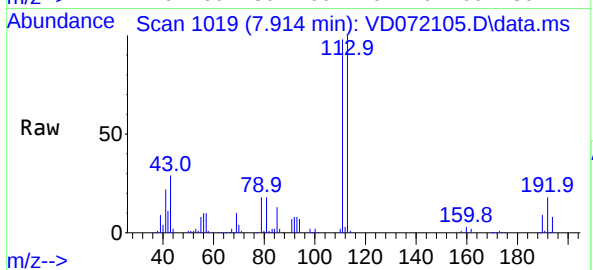




#35
Dibromofluoromethane
Concen: 47.609 ug/l
RT: 7.914 min Scan# 1018
Delta R.T. 0.006 min
Lab File: VD072105.D
Acq: 25 Feb 2022 17:30

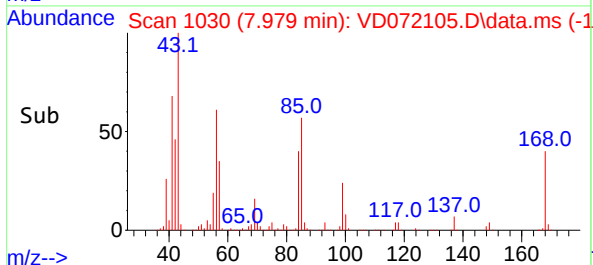
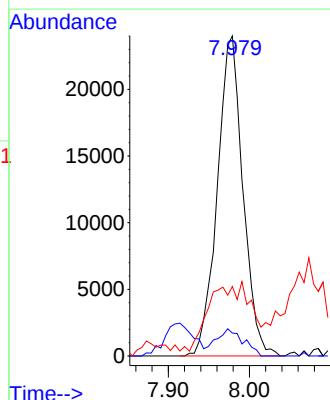
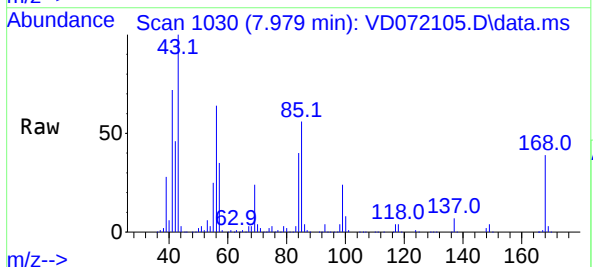
Instrument :
MSVOA_D
ClientSampleId :
UNK-NORTH

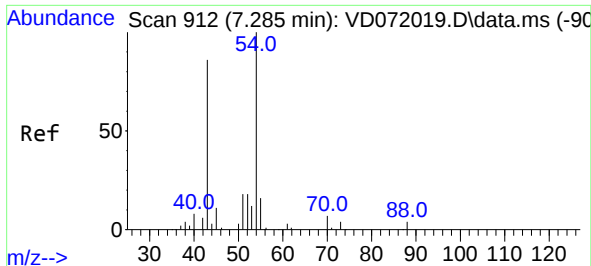
Tgt Ion:113 Resp: 296372
Ion Ratio Lower Upper
113 100
111 101.4 83.0 124.4
192 18.5 15.3 22.9



#36
1,1-Dichloropropene
Concen: 5.588 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.129 min
Lab File: VD072105.D
Acq: 25 Feb 2022 17:30

Tgt Ion: 75 Resp: 52696
Ion Ratio Lower Upper
75 100
110 9.0 17.7 53.1#
77 0.0 24.8 37.2#





#37

Ethyl Acetate

Concen: 11.343 ug/l

RT: 7.208 min Scan# 899

Delta R.T. -0.076 min

Lab File: VD072105.D

Acq: 25 Feb 2022 17:30

Instrument :

MSVOA_D

ClientSampleId :

UNK-NORTH

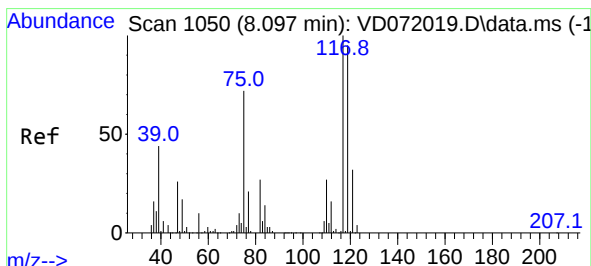
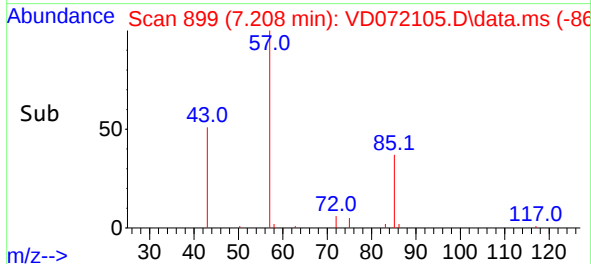
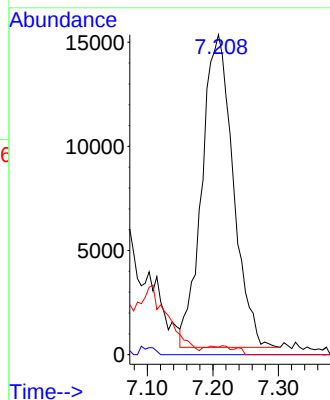
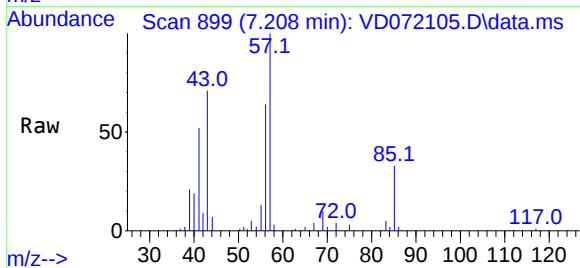
Tgt Ion: 43 Resp: 49598

Ion Ratio Lower Upper

43 100

61 0.0 9.8 14.8#

70 2.7 7.4 11.2#



#38

Carbon Tetrachloride

Concen: 6.220 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.118 min

Lab File: VD072105.D

Acq: 25 Feb 2022 17:30

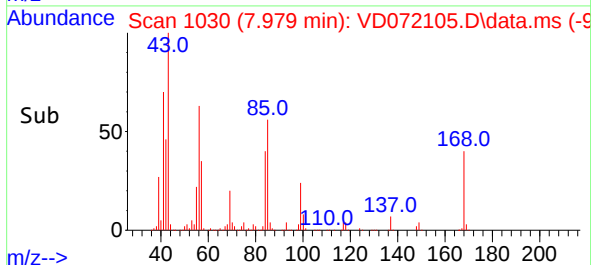
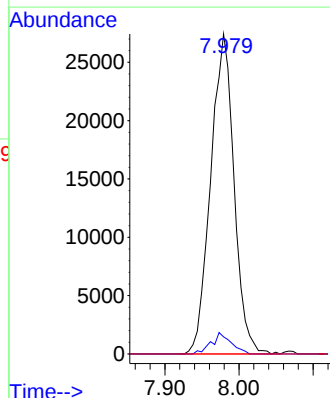
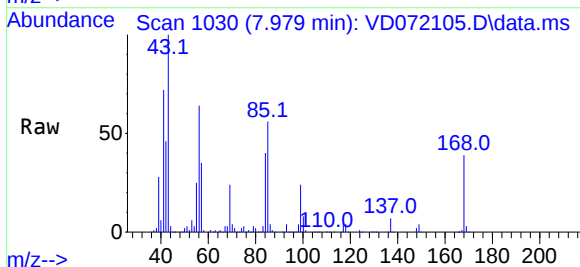
Tgt Ion: 117 Resp: 60118

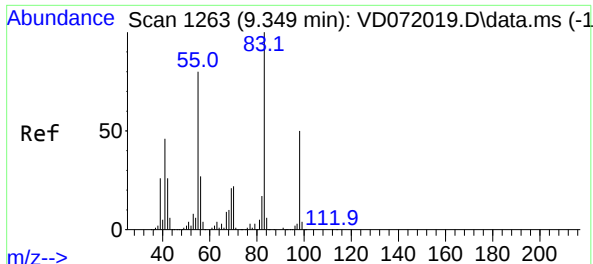
Ion Ratio Lower Upper

117 100

119 5.4 75.8 113.8#

121 0.0 25.8 38.6#





#39

Methylcyclohexane

Concen: 593.270 ug/l

RT: 9.355 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD072105.D

Acq: 25 Feb 2022 17:30

Instrument :

MSVOA_D

ClientSampleId :

UNK-NORTH

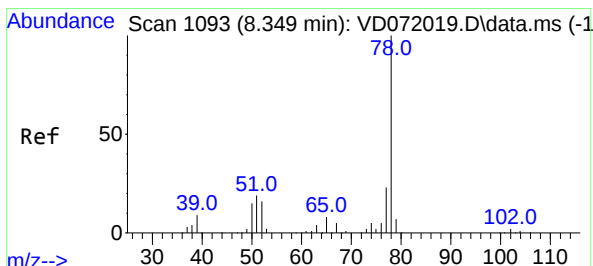
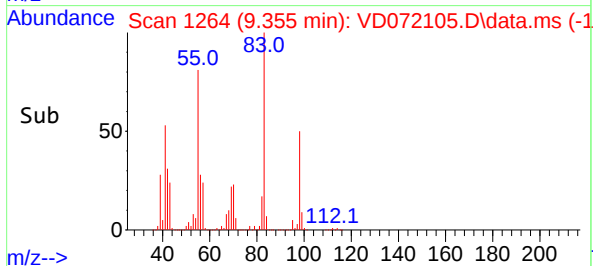
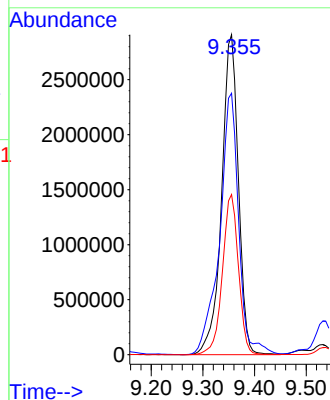
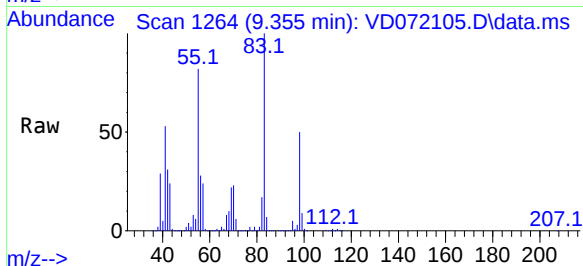
Tgt Ion: 83 Resp: 6547589

Ion Ratio Lower Upper

83 100

55 81.7 64.0 96.0

98 50.0 39.8 59.8



#40

Benzene

Concen: 53.047 ug/l

RT: 8.350 min Scan# 1093

Delta R.T. 0.000 min

Lab File: VD072105.D

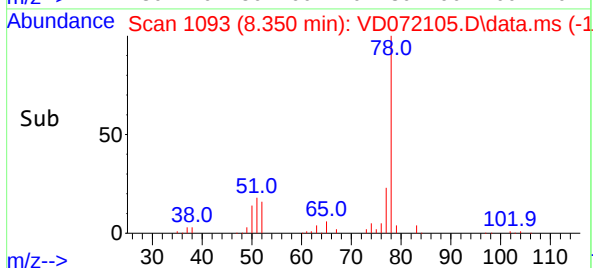
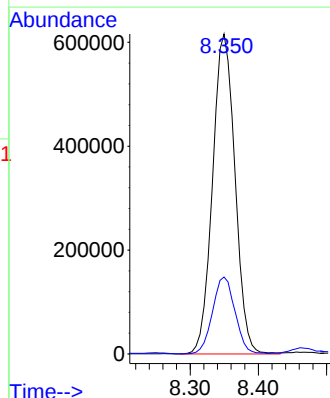
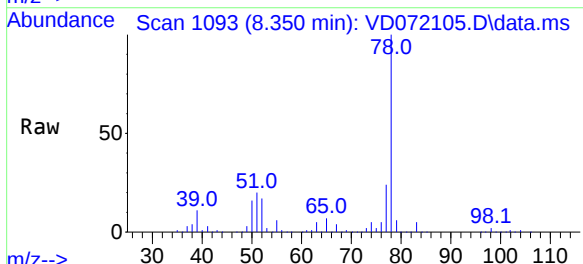
Acq: 25 Feb 2022 17:30

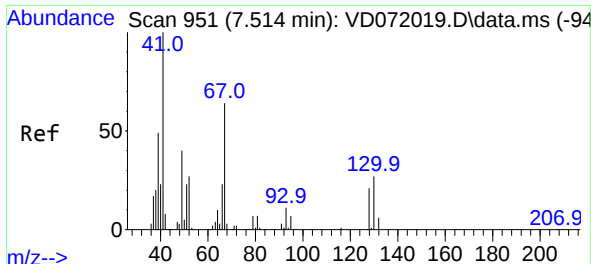
Tgt Ion: 78 Resp: 1411485

Ion Ratio Lower Upper

78 100

77 24.0 18.2 27.4

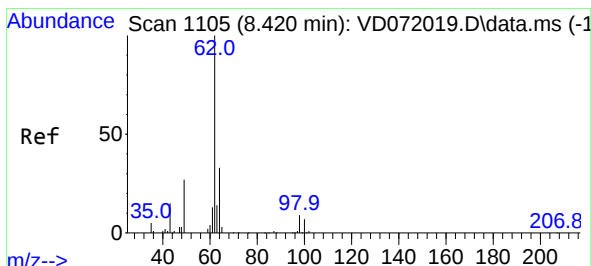
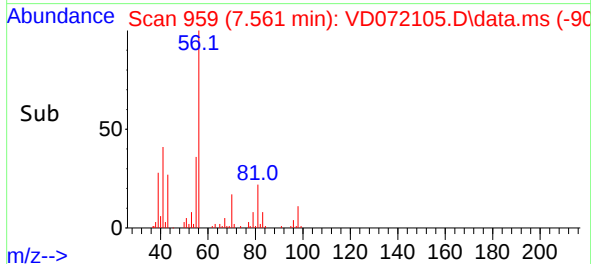
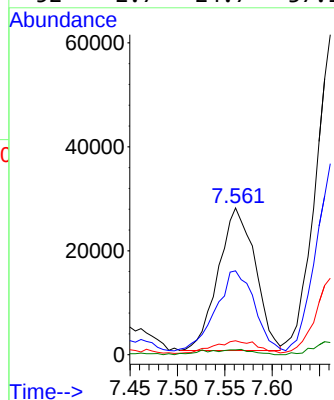
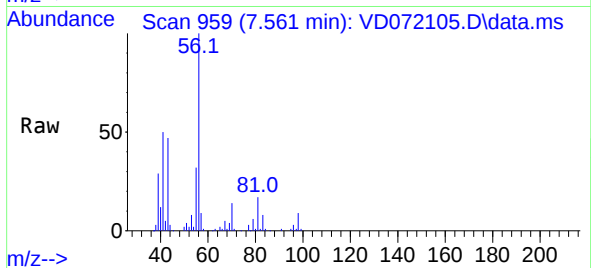




#41
Methacrylonitrile
Concen: 27.356 ug/l
RT: 7.561 min Scan# 91
Delta R.T. 0.047 min
Lab File: VD072105.D
Acq: 25 Feb 2022 17:30

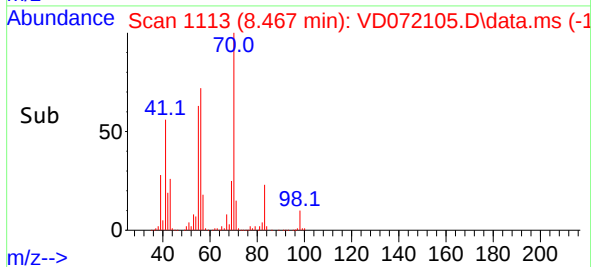
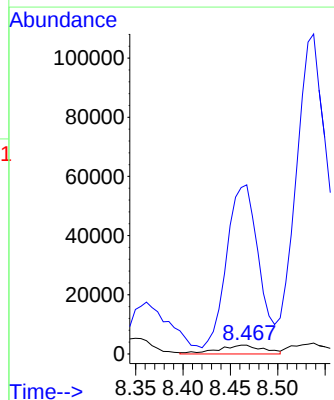
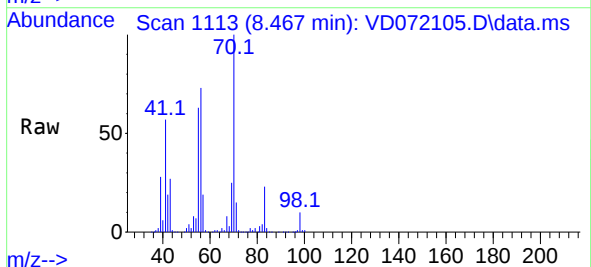
Instrument :
MSVOA_D
ClientSampleId :
UNK-NORTH

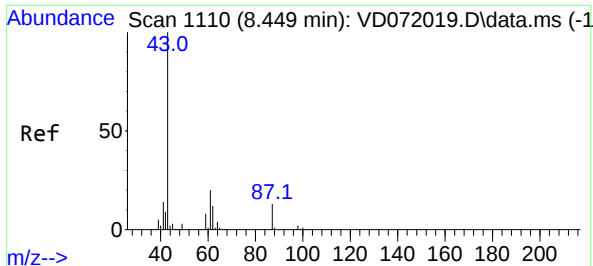
Tgt Ion: 41 Resp: 74177
Ion Ratio Lower Upper
41 100
39 58.2 46.7 70.1
67 0.0 57.6 86.4#
52 2.7 24.7 37.1#



#42
1,2-Dichloroethane
Concen: 1.243 ug/l
RT: 8.467 min Scan# 1113
Delta R.T. 0.047 min
Lab File: VD072105.D
Acq: 25 Feb 2022 17:30

Tgt Ion: 62 Resp: 9924
Ion Ratio Lower Upper
62 100
98 1286.7 0.0 20.0#

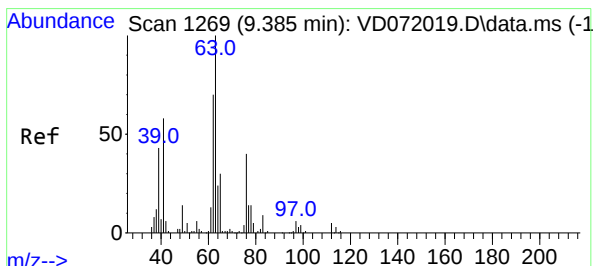
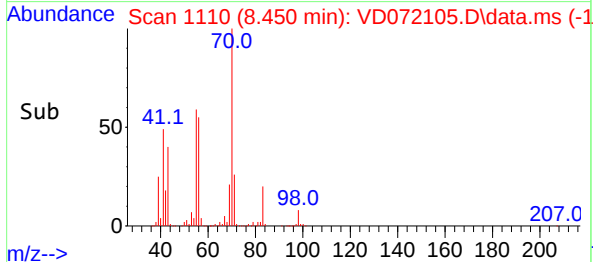
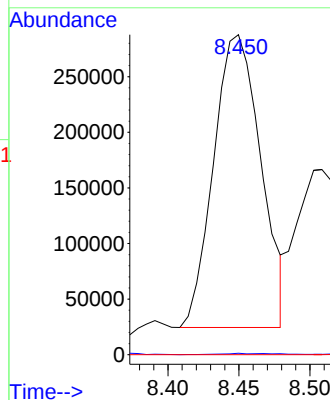
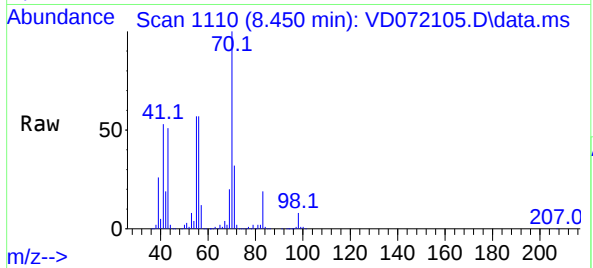




#43
Isopropyl Acetate
Concen: 75.028 ug/l
RT: 8.450 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VD072105.D
Acq: 25 Feb 2022 17:30

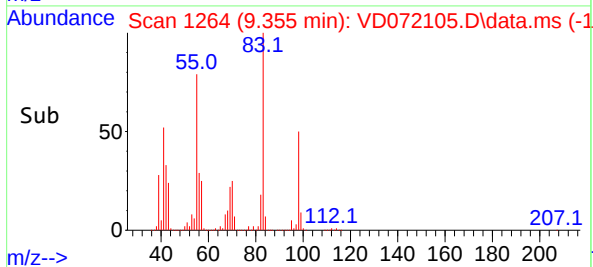
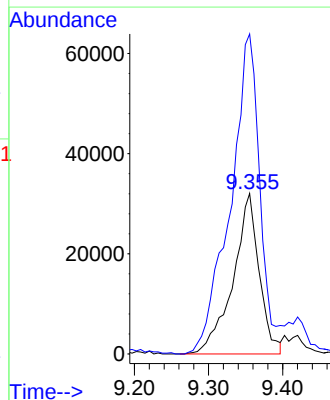
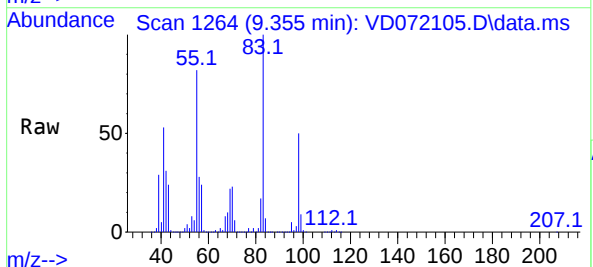
Instrument :
MSVOA_D
ClientSampleId :
UNK-NORTH

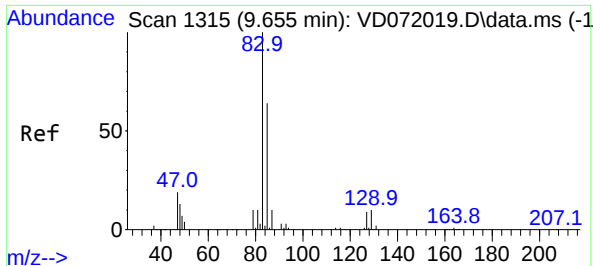
Tgt Ion: 43 Resp: 610935
Ion Ratio Lower Upper
43 100
61 0.3 24.6 37.0#
87 0.0 10.1 15.1#



#45
1,2-Dichloropropane
Concen: 11.080 ug/l
RT: 9.355 min Scan# 1264
Delta R.T. -0.029 min
Lab File: VD072105.D
Acq: 25 Feb 2022 17:30

Tgt Ion: 63 Resp: 78645
Ion Ratio Lower Upper
63 100
65 199.3 24.0 36.0#

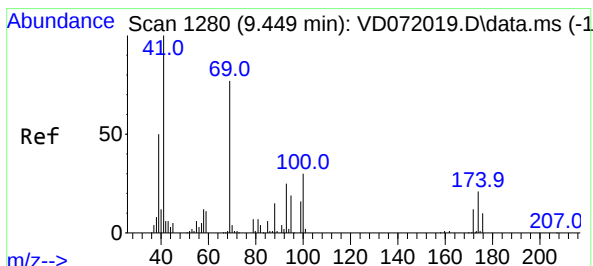
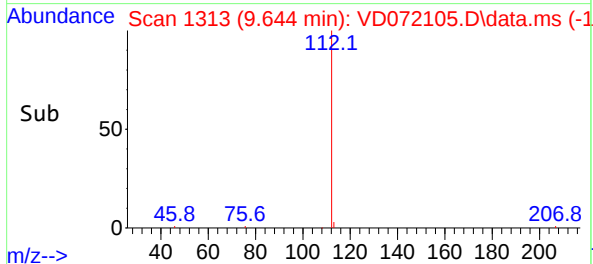
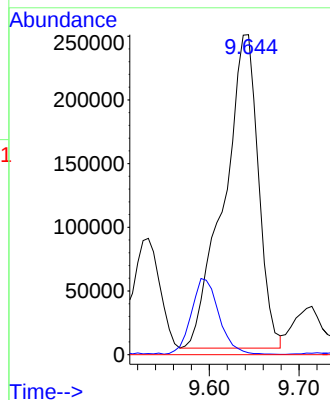
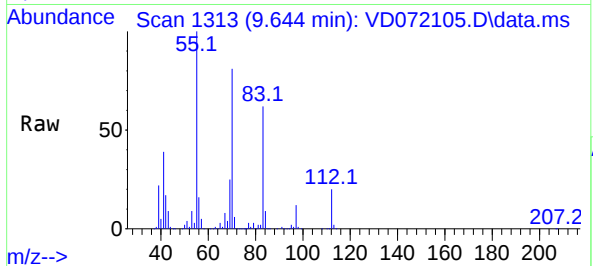




#47
Bromodichloromethane
Concen: 67.882 ug/l
RT: 9.644 min Scan# 11
Delta R.T. -0.012 min
Lab File: VD072105.D
Acq: 25 Feb 2022 17:30

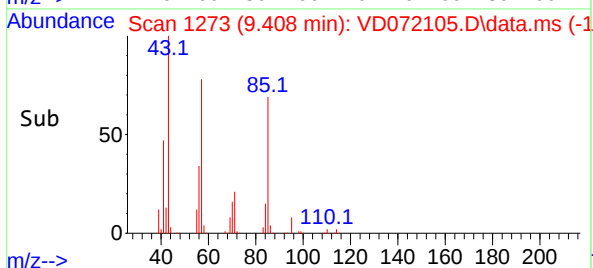
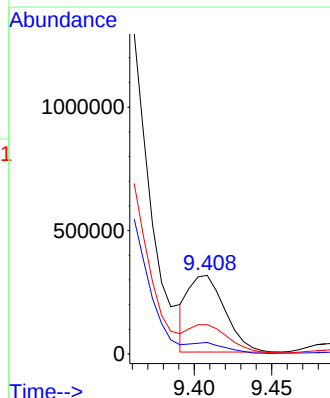
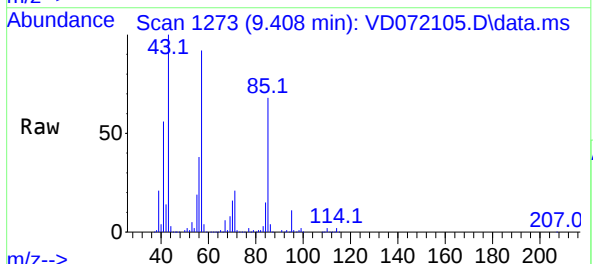
Instrument :
MSVOA_D
ClientSampleId :
UNK-NORTH

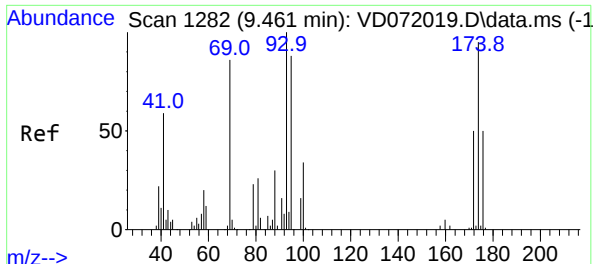
Tgt Ion: 83 Resp: 655888
Ion Ratio Lower Upper
83 100
85 0.5 51.4 77.0#
127 0.0 7.0 10.6#



#48
Methyl methacrylate
Concen: 123.703 ug/l
RT: 9.408 min Scan# 1273
Delta R.T. -0.041 min
Lab File: VD072105.D
Acq: 25 Feb 2022 17:30

Tgt Ion: 41 Resp: 508829
Ion Ratio Lower Upper
41 100
69 0.0 61.6 92.4#
39 40.0 38.6 57.8

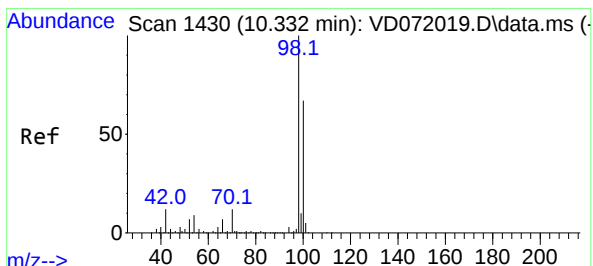
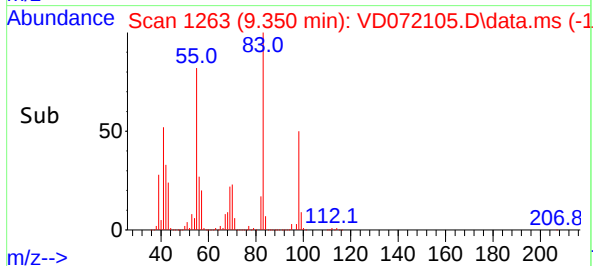
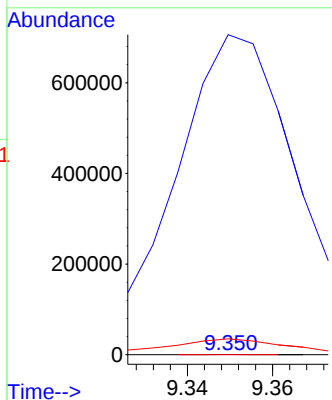
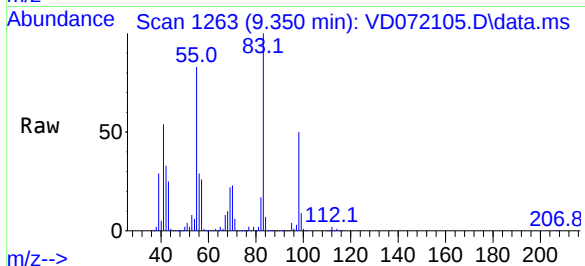




#49
1,4-Dioxane
Concen: 1.710 ug/l
RT: 9.350 min Scan# 11
Delta R.T. -0.112 min
Lab File: VD072105.D
Acq: 25 Feb 2022 17:30

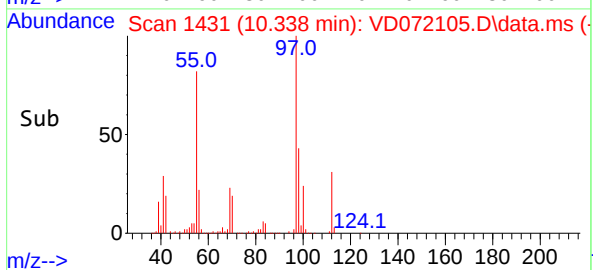
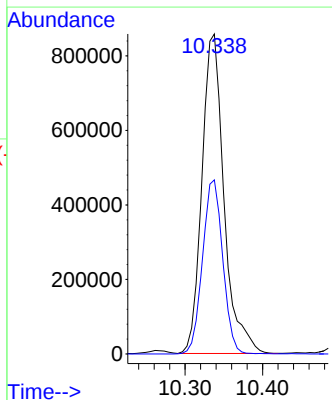
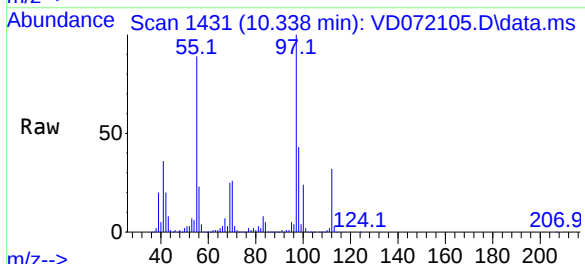
Instrument :
MSVOA_D
ClientSampleId :
UNK-NORTH

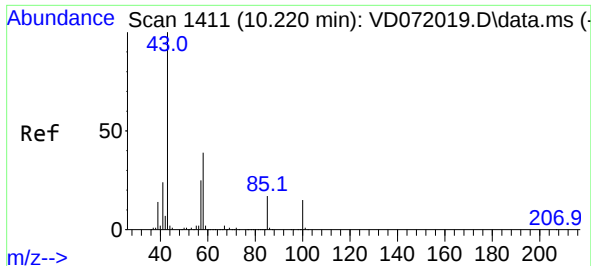
Tgt Ion: 88 Resp: 76
Ion Ratio Lower Upper
88 100
43 1972669.7 29.9 44.9#
58 105105.3 61.0 91.4#



#50
Toluene-d8
Concen: 73.489 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD072105.D
Acq: 25 Feb 2022 17:30

Tgt Ion: 98 Resp: 1696510
Ion Ratio Lower Upper
98 100
100 50.0 53.8 80.6#

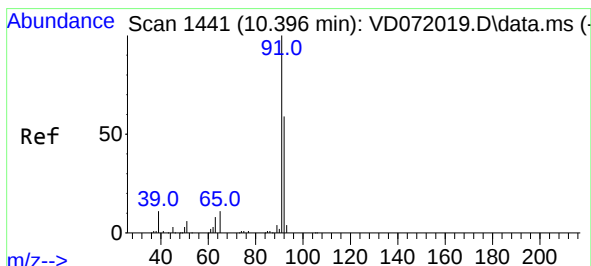
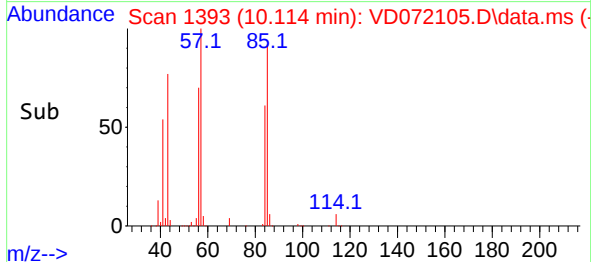
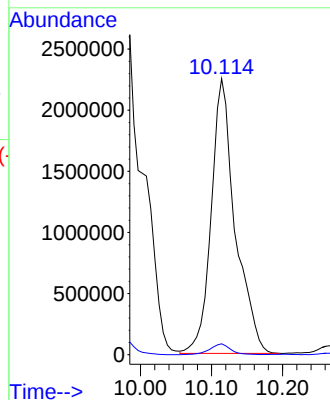
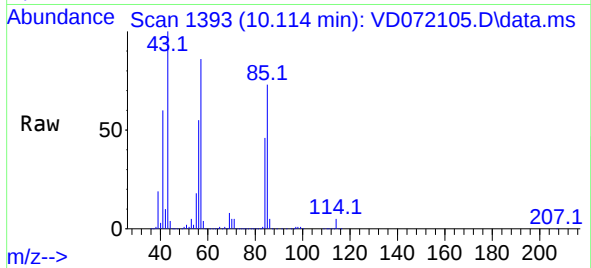




#51
4-Methyl-2-Pentanone
Concen: 1222.364 ug/l
RT: 10.114 min Scan# 1393
Delta R.T. -0.106 min
Lab File: VD072105.D
Acq: 25 Feb 2022 17:30

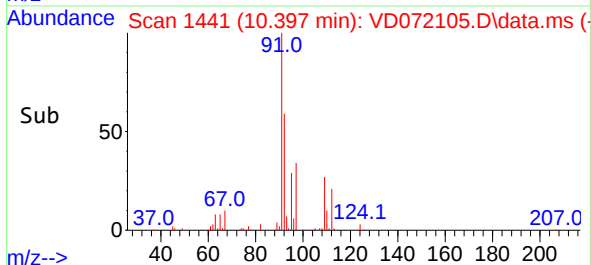
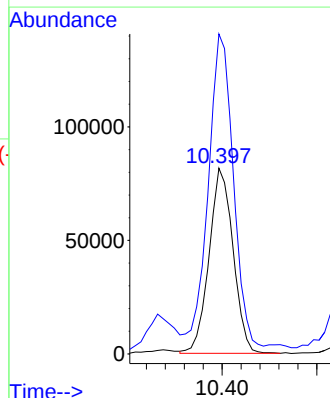
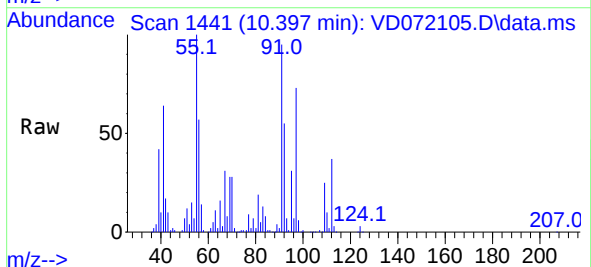
Instrument :
MSVOA_D
ClientSampleId :
UNK-NORTH

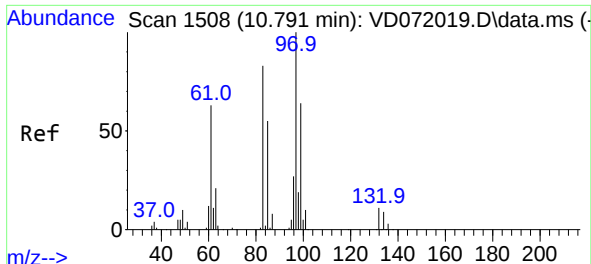
Tgt Ion: 43 Resp: 5275018
Ion Ratio Lower Upper
43 100
58 3.3 30.8 46.2#



#52
Toluene
Concen: 8.439 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VD072105.D
Acq: 25 Feb 2022 17:30

Tgt Ion: 92 Resp: 143697
Ion Ratio Lower Upper
92 100
91 175.8 135.6 203.4

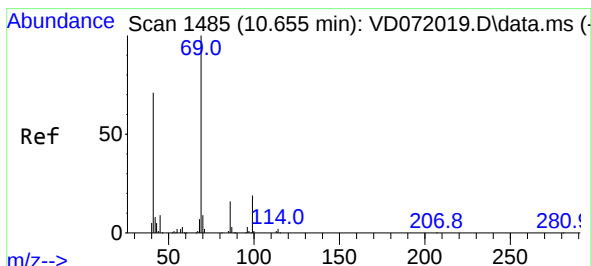
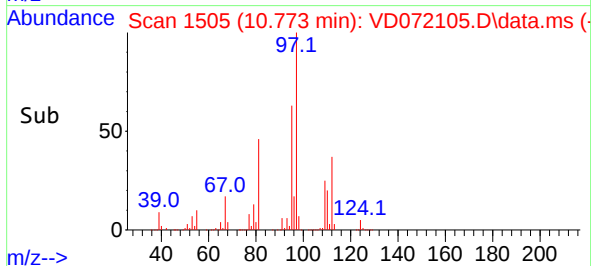
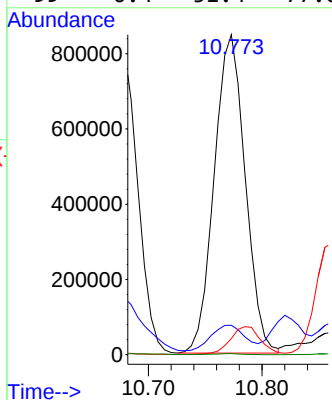
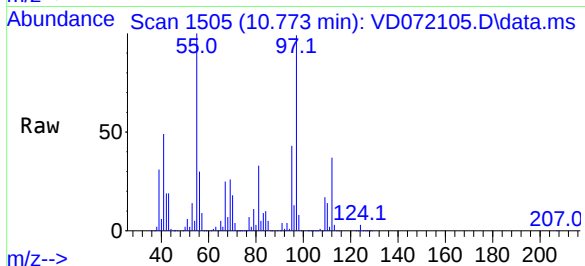




#55
1,1,2-Trichloroethane
Concen: 304.729 ug/l
RT: 10.773 min Scan# 11
Delta R.T. -0.018 min
Lab File: VD072105.D
Acq: 25 Feb 2022 17:30

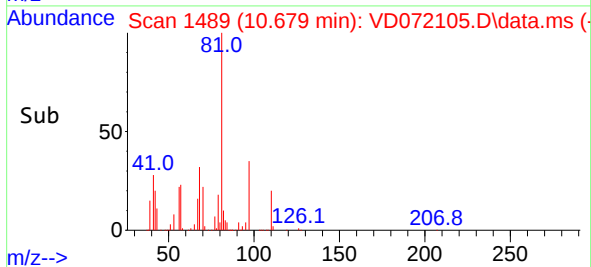
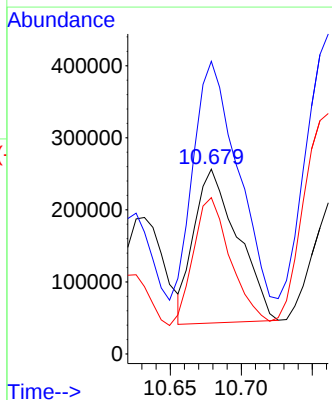
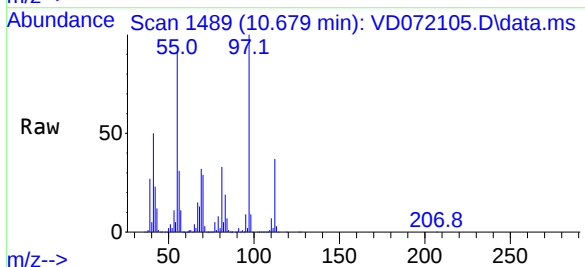
Instrument :
MSVOA_D
ClientSampleId :
UNK-NORTH

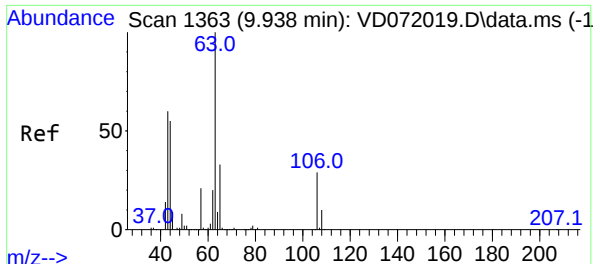
Tgt Ion: 97 Resp: 1606267
Ion Ratio Lower Upper
97 100
83 7.9 66.2 99.4#
85 5.0 43.7 65.5#
99 0.4 51.4 77.0#



#56
Ethyl methacrylate
Concen: 72.742 ug/l
RT: 10.679 min Scan# 1489
Delta R.T. 0.024 min
Lab File: VD072105.D
Acq: 25 Feb 2022 17:30

Tgt Ion: 69 Resp: 457885
Ion Ratio Lower Upper
69 100
41 182.7 56.8 85.2#
39 83.1 28.2 42.4#





#58

2-Chloroethyl Vinyl ether

Concen: 7.485 ug/l

RT: 9.920 min Scan# 11

Delta R.T. -0.018 min

Lab File: VD072105.D

Acq: 25 Feb 2022 17:30

Instrument :

MSVOA_D

ClientSampleId :

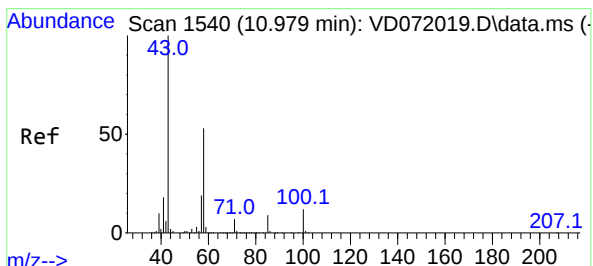
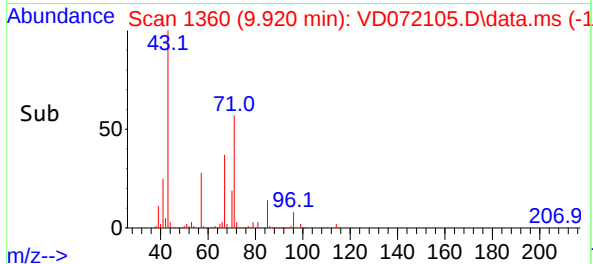
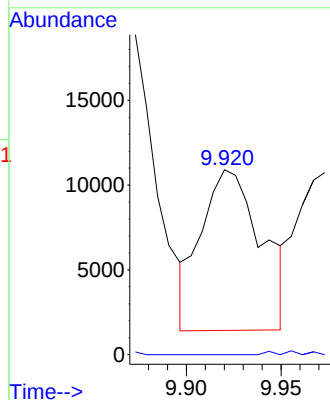
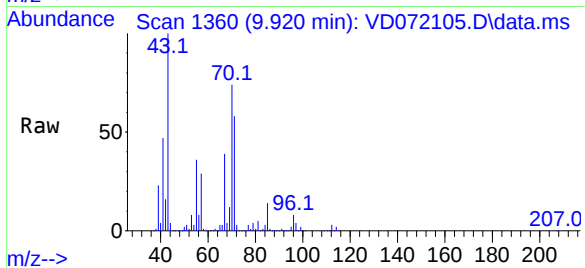
UNK-NORTH

Tgt Ion: 63 Resp: 21077

Ion Ratio Lower Upper

63 100

106 0.0 22.6 33.8#



#59

2-Hexanone

Concen: 899.215 ug/l

RT: 10.949 min Scan# 1535

Delta R.T. -0.029 min

Lab File: VD072105.D

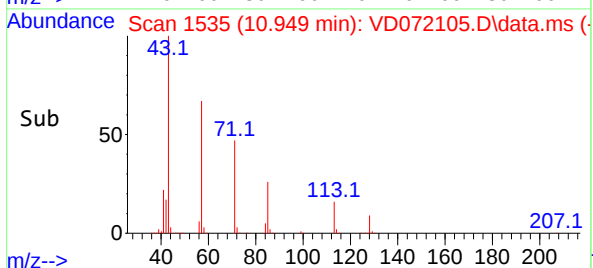
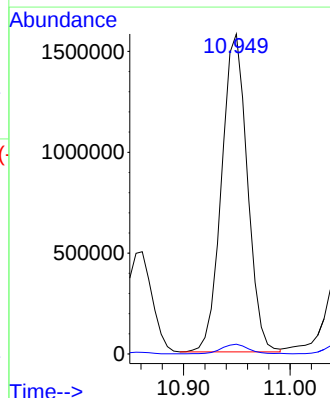
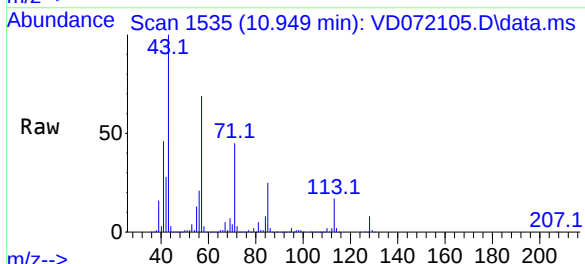
Acq: 25 Feb 2022 17:30

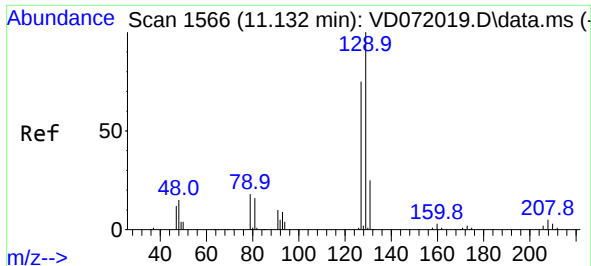
Tgt Ion: 43 Resp: 2646836

Ion Ratio Lower Upper

43 100

58 3.2 27.0 80.8#

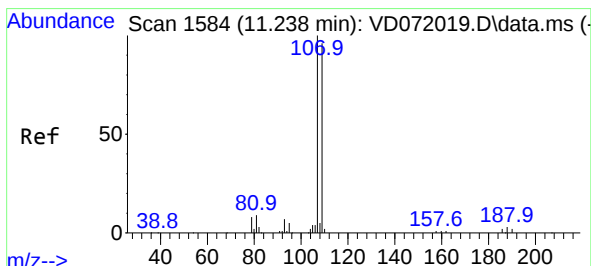
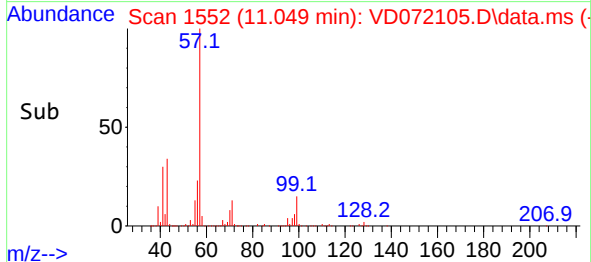
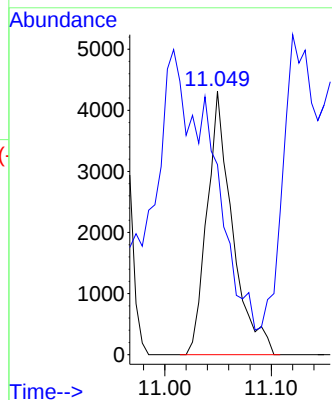
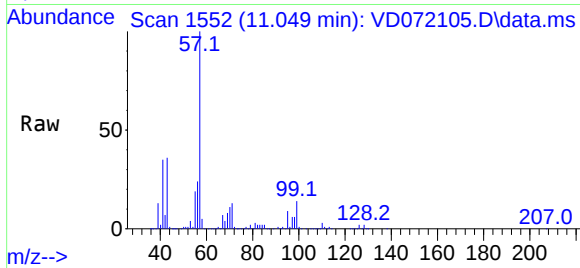




#60
Dibromochloromethane
Concen: 1.083 ug/l
RT: 11.049 min Scan# 11
Delta R.T. -0.082 min
Lab File: VD072105.D
Acq: 25 Feb 2022 17:30

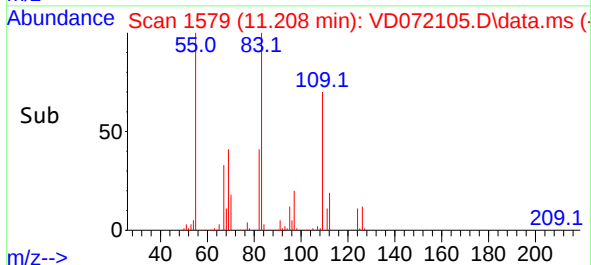
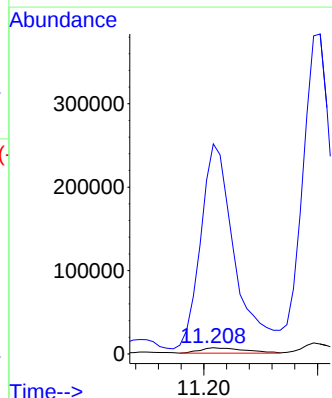
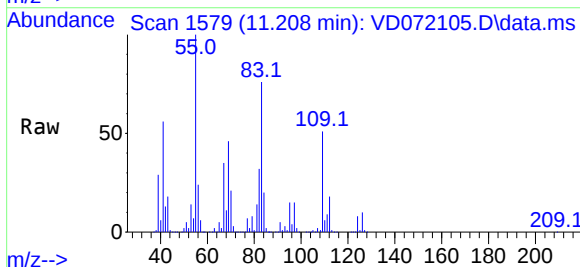
Instrument :
MSVOA_D
ClientSampleId :
UNK-NORTH

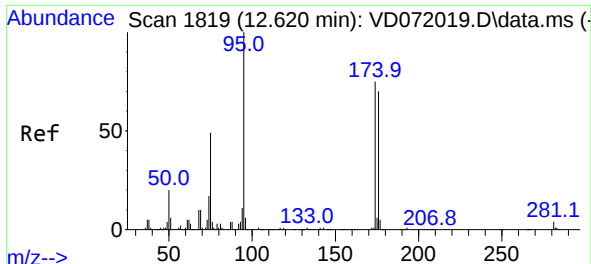
Tgt Ion:129 Resp: 7127
Ion Ratio Lower Upper
129 100
127 0.0 37.6 112.9#



#61
1,2-Dibromoethane
Concen: 3.515 ug/l
RT: 11.208 min Scan# 1579
Delta R.T. -0.029 min
Lab File: VD072105.D
Acq: 25 Feb 2022 17:30

Tgt Ion:107 Resp: 17704
Ion Ratio Lower Upper
107 100
109 2836.2 76.0 114.0#

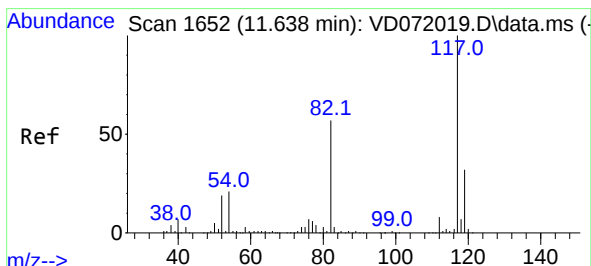
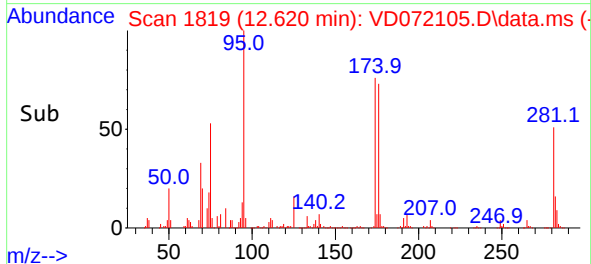
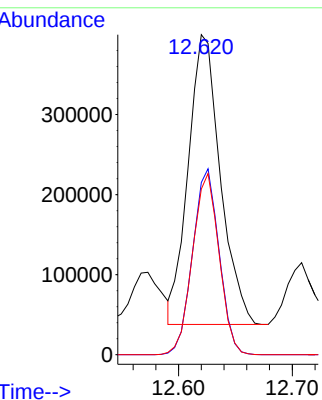
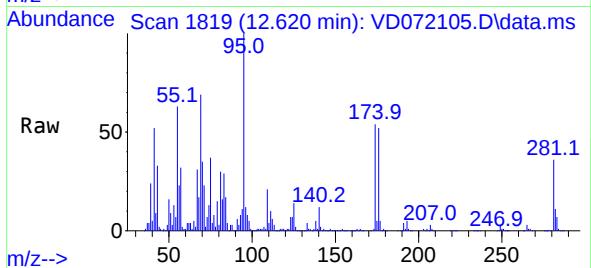




#62
4-Bromofluorobenzene
Concen: 83.691 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD072105.D
Acq: 25 Feb 2022 17:30

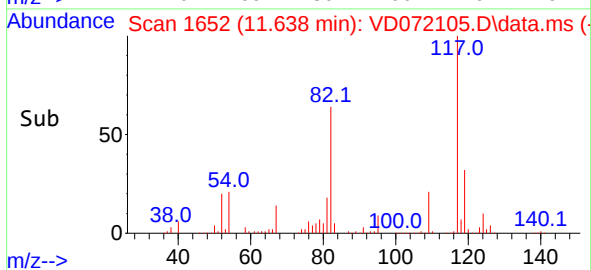
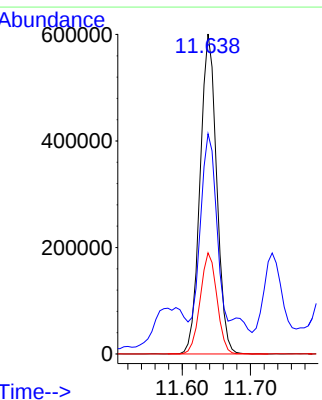
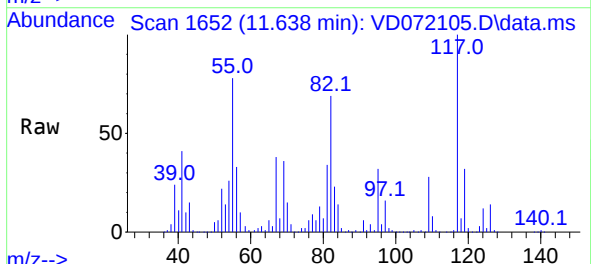
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MSVOA_D
ClientSampleId :
UNK-NORTH

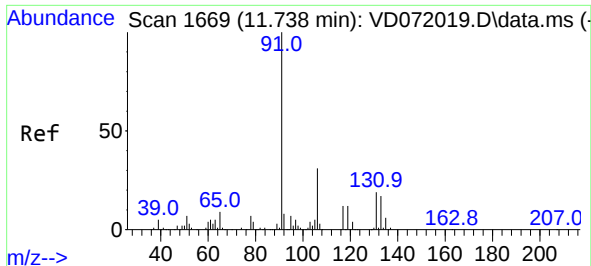
Tgt Ion: 95 Resp: 709688
Ion Ratio Lower Upper
95 100
174 52.9 0.0 155.0
176 51.8 0.0 148.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD072105.D
Acq: 25 Feb 2022 17:30

Tgt Ion: 117 Resp: 1016668
Ion Ratio Lower Upper
117 100
82 54.5 45.4 68.0
119 31.6 25.4 38.2

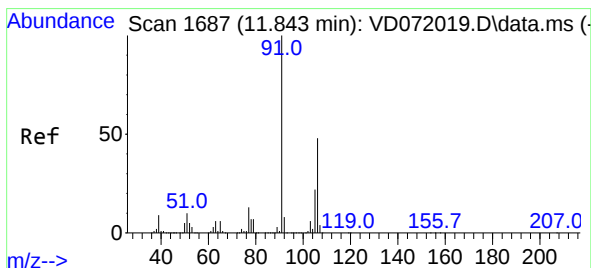
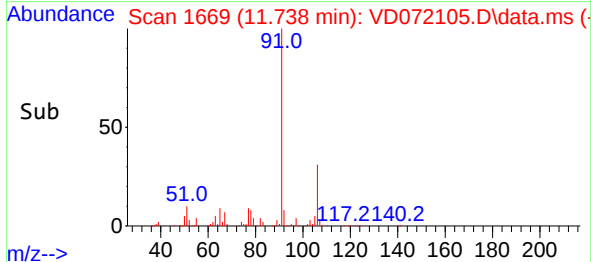
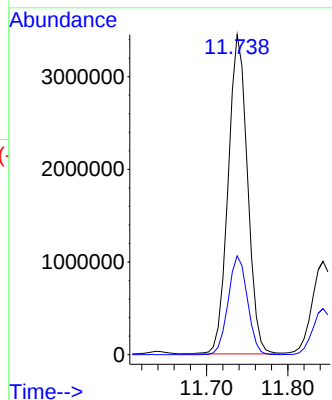
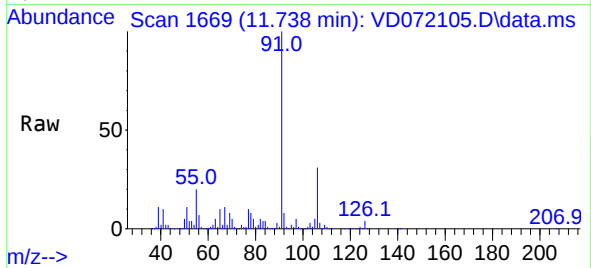




#67
Ethyl Benzene
Concen: 164.381 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VD072105.D
Acq: 25 Feb 2022 17:30

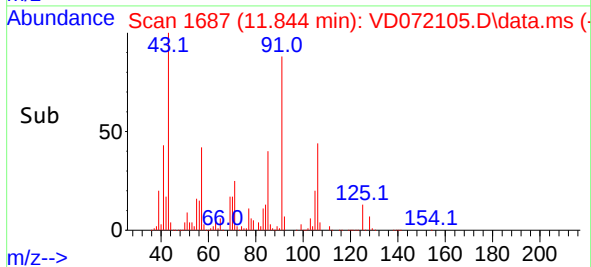
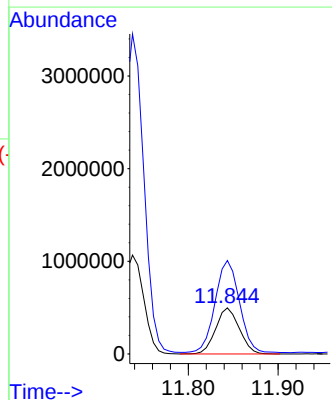
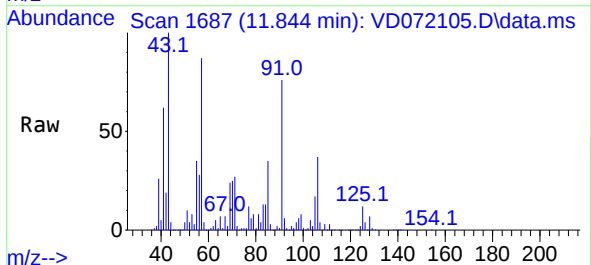
Instrument :
MSVOA_D
ClientSampleId :
UNK-NORTH

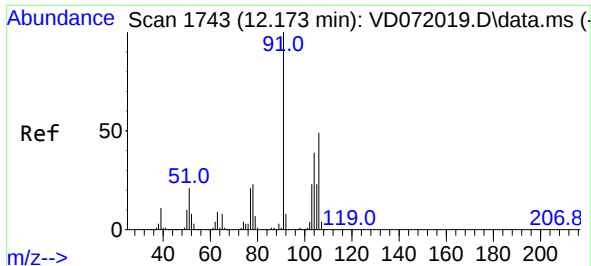
Tgt Ion: 91 Resp: 5695326
Ion Ratio Lower Upper
91 100
106 31.0 24.6 36.8



#68
m/p-Xylenes
Concen: 68.154 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. 0.000 min
Lab File: VD072105.D
Acq: 25 Feb 2022 17:30

Tgt Ion: 106 Resp: 903952
Ion Ratio Lower Upper
106 100
91 207.3 162.6 243.8

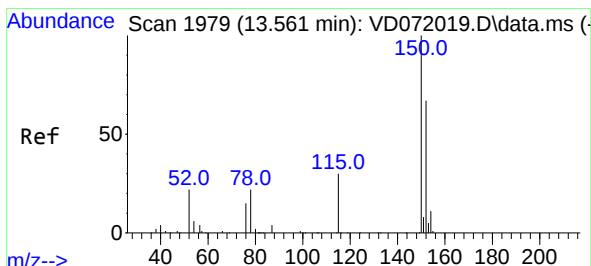
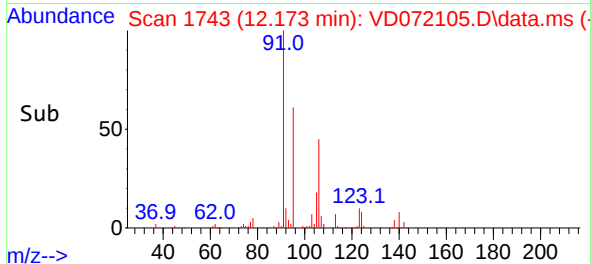
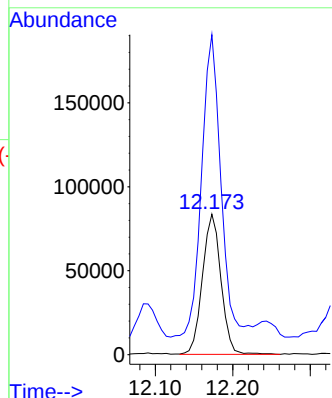
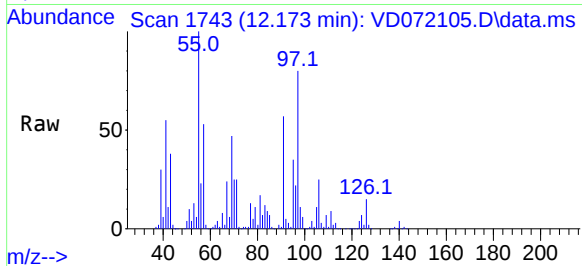




#69
o-Xylene
Concen: 11.125 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. 0.000 min
Lab File: VD072105.D
Acq: 25 Feb 2022 17:30

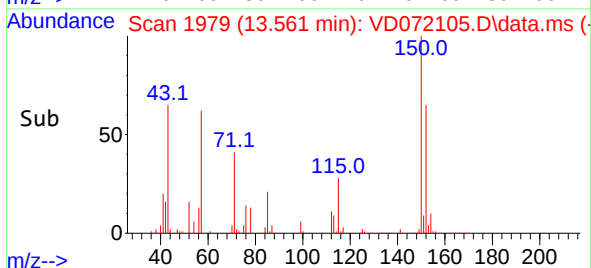
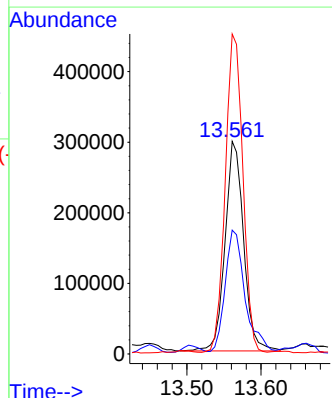
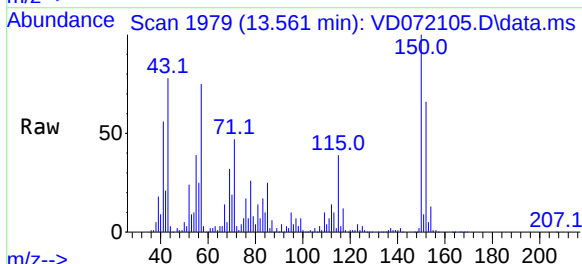
Instrument :
MSVOA_D
ClientSampleId :
UNK-NORTH

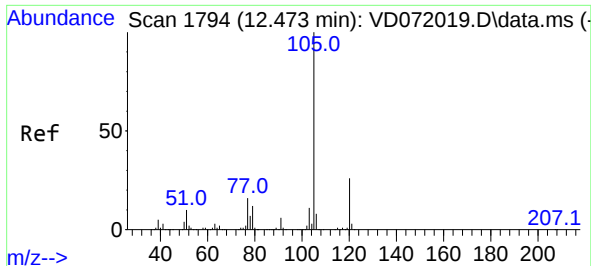
Tgt Ion:106 Resp: 138801
Ion Ratio Lower Upper
106 100
91 222.0 106.0 317.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD072105.D
Acq: 25 Feb 2022 17:30

Tgt Ion:152 Resp: 515593
Ion Ratio Lower Upper
152 100
115 61.9 29.9 89.7
150 144.3 0.0 347.6

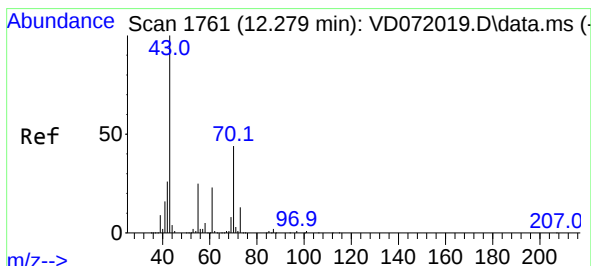
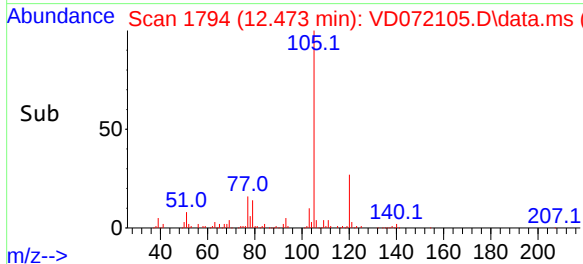
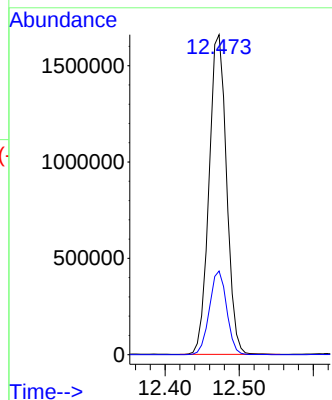
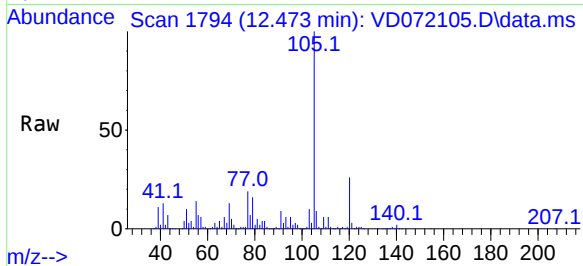




#73
Isopropylbenzene
Concen: 76.874 ug/l
RT: 12.473 min Scan# 1758
Delta R.T. 0.000 min
Lab File: VD072105.D
Acq: 25 Feb 2022 17:30

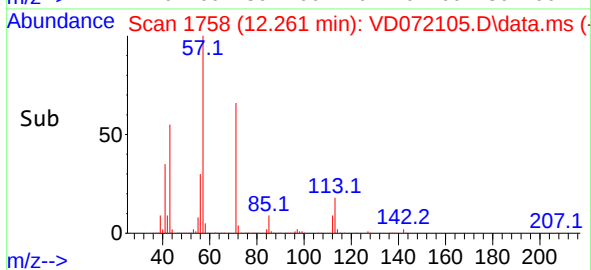
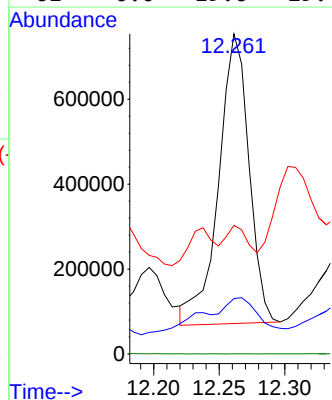
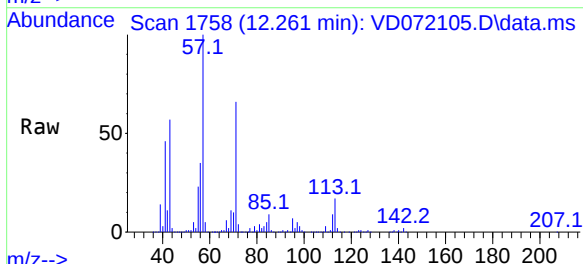
Instrument :
MSVOA_D
ClientSampleId :
UNK-NORTH

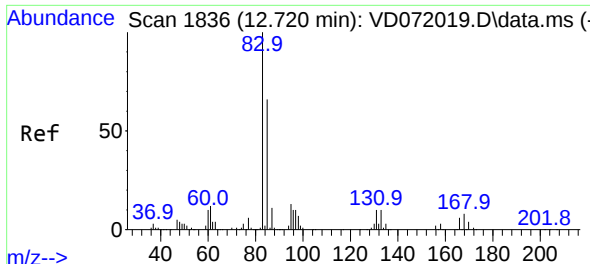
Tgt Ion:105 Resp: 2721412
Ion Ratio Lower Upper
105 100
120 25.8 13.1 39.1



#74
N-ethyl acetate
Concen: 128.452 ug/l
RT: 12.261 min Scan# 1758
Delta R.T. -0.018 min
Lab File: VD072105.D
Acq: 25 Feb 2022 17:30

Tgt Ion: 43 Resp: 1098043
Ion Ratio Lower Upper
43 100
70 24.0 33.2 49.8#
55 9.9 20.6 30.8#
61 0.0 19.6 29.4#

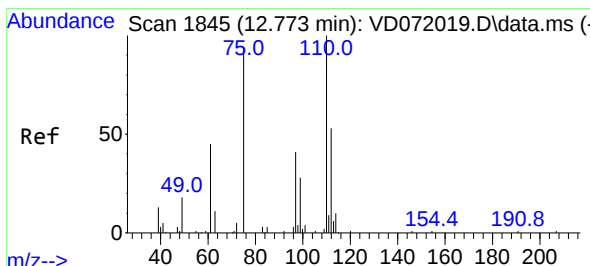
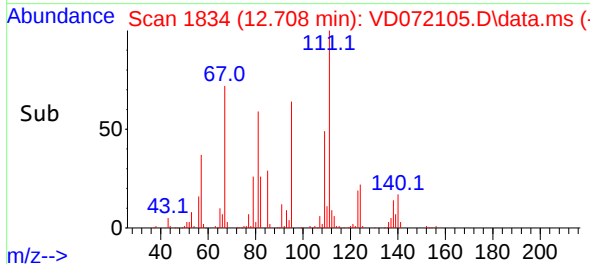
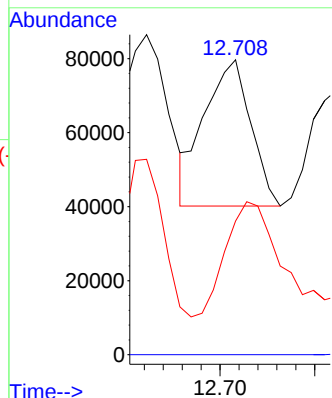
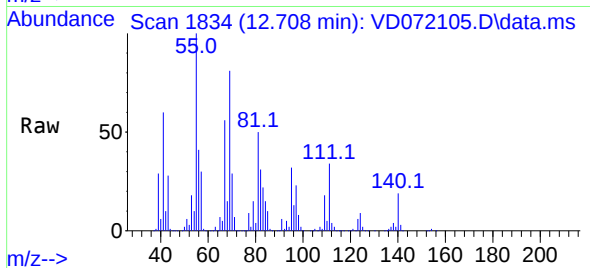




#75
1,1,2,2-Tetrachloroethane
Concen: 9.623 ug/l
RT: 12.708 min Scan# 1834
Delta R.T. -0.012 min
Lab File: VD072105.D
Acq: 25 Feb 2022 17:30

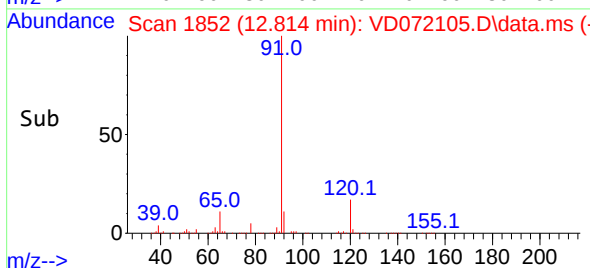
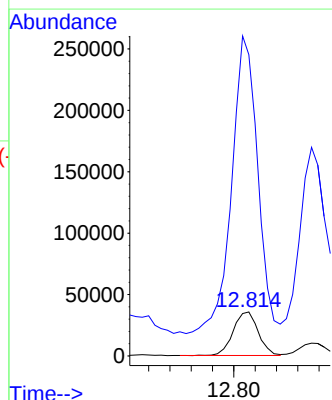
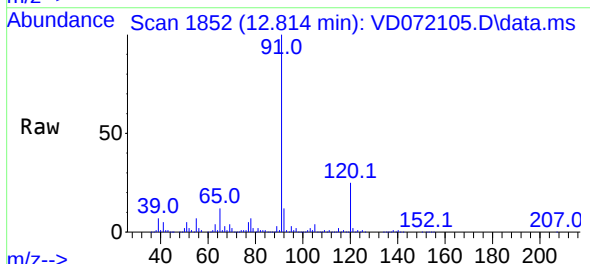
Instrument :
MSVOA_D
ClientSampleId :
UNK-NORTH

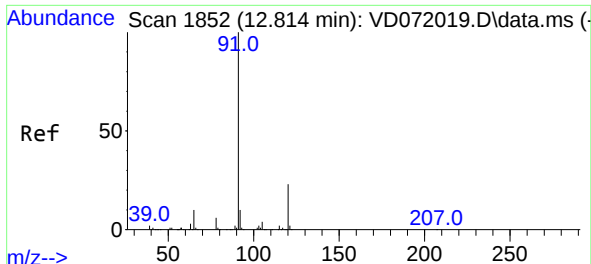
Tgt Ion: 83 Resp: 67350
Ion Ratio Lower Upper
83 100
131 0.0 5.1 15.4#
85 96.6 32.4 97.2



#76
1,2,3-Trichloropropane
Concen: 11.890 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. 0.041 min
Lab File: VD072105.D
Acq: 25 Feb 2022 17:30

Tgt Ion: 75 Resp: 58070
Ion Ratio Lower Upper
75 100
77 709.4 0.0 0.0#

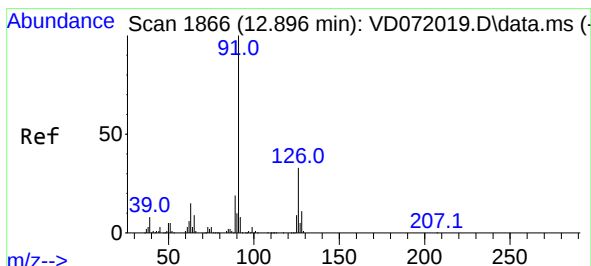
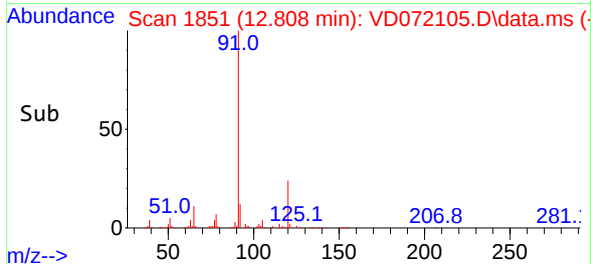
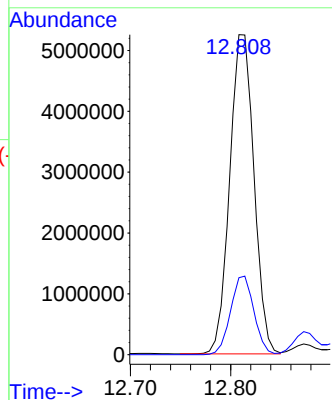
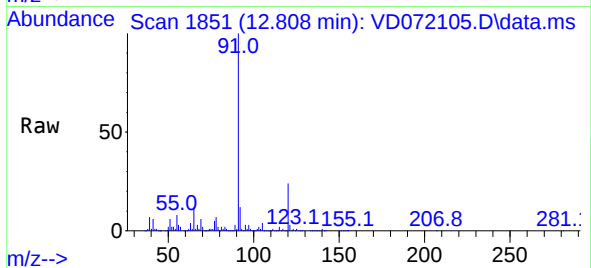




#78
n-propylbenzene
Concen: 202.813 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. -0.006 min
Lab File: VD072105.D
Acq: 25 Feb 2022 17:30

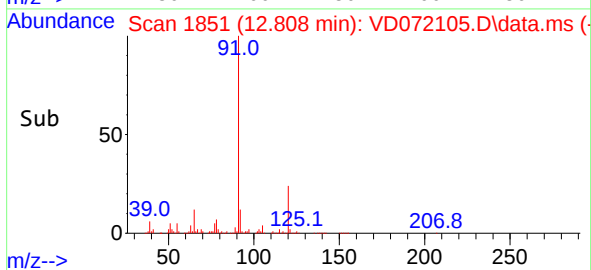
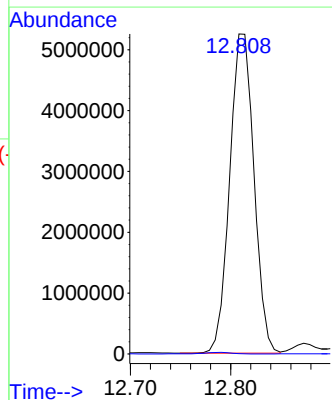
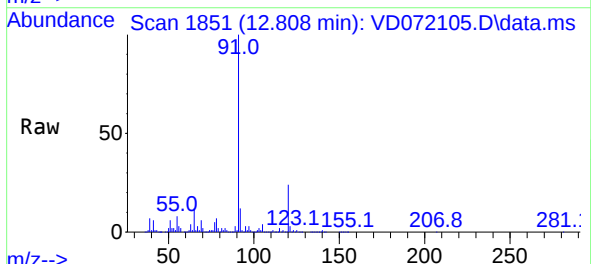
Instrument :
MSVOA_D
ClientSampleId :
UNK-NORTH

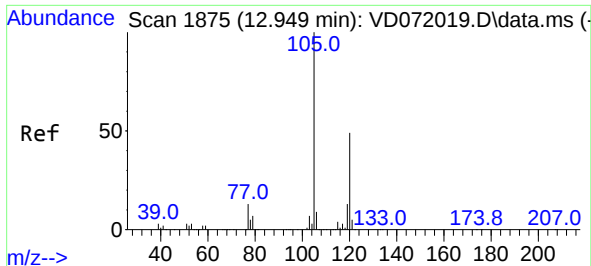
Tgt Ion: 91 Resp: 8824883
Ion Ratio Lower Upper
91 100
120 23.7 11.2 33.5



#79
2-Chlorotoluene
Concen: 350.413 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. -0.088 min
Lab File: VD072105.D
Acq: 25 Feb 2022 17:30

Tgt Ion: 91 Resp: 8824883
Ion Ratio Lower Upper
91 100
126 0.6 16.8 50.4#

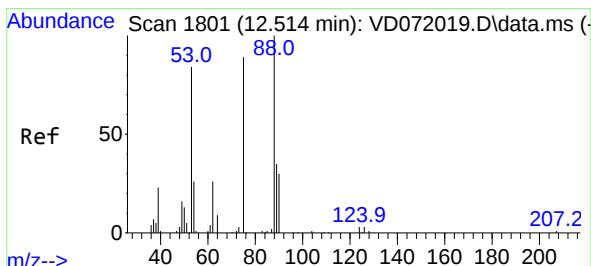
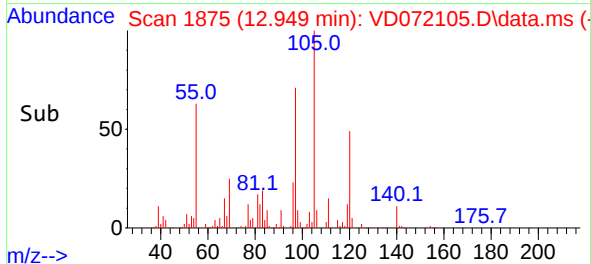
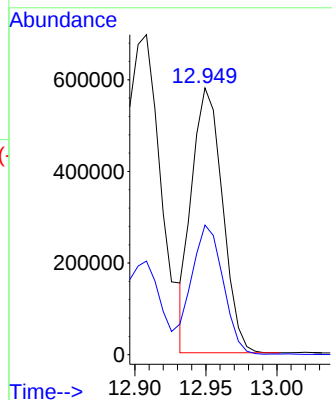
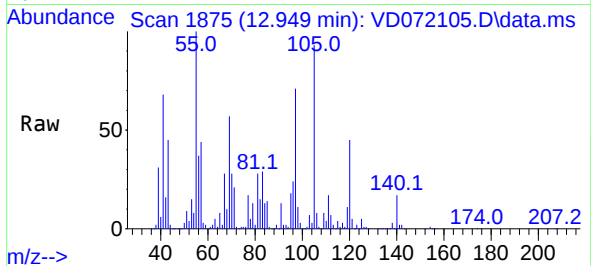




#80
1,3,5-Trimethylbenzene
Concen: 29.314 ug/l
RT: 12.949 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD072105.D
Acq: 25 Feb 2022 17:30

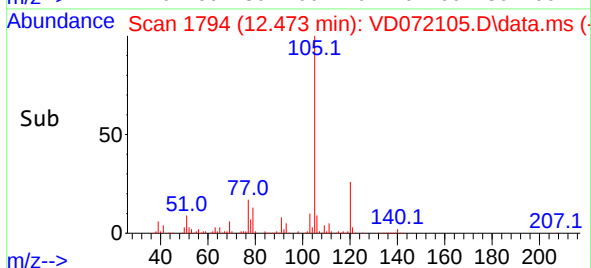
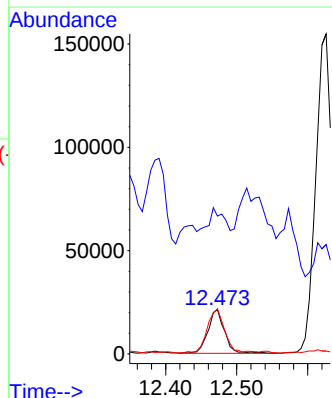
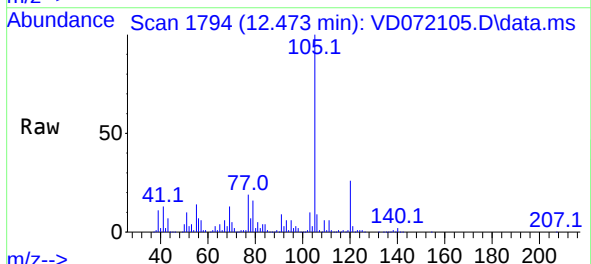
Instrument :
MSVOA_D
ClientSampleId :
UNK-NORTH

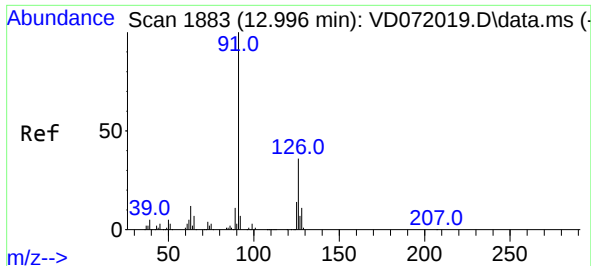
Tgt Ion:105 Resp: 866523
Ion Ratio Lower Upper
105 100
120 51.3 24.9 74.7



#81
trans-1,4-Dichloro-2-butene
Concen: 17.602 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. -0.041 min
Lab File: VD072105.D
Acq: 25 Feb 2022 17:30

Tgt Ion: 75 Resp: 34329
Ion Ratio Lower Upper
75 100
53 198.7 80.2 120.4#
89 103.7 36.4 54.6#

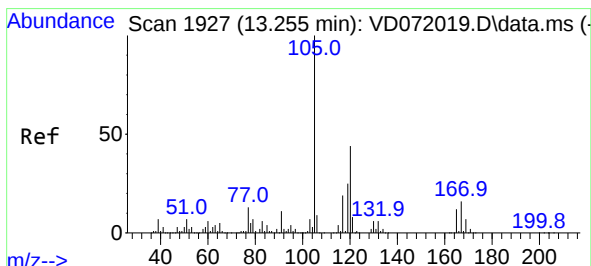
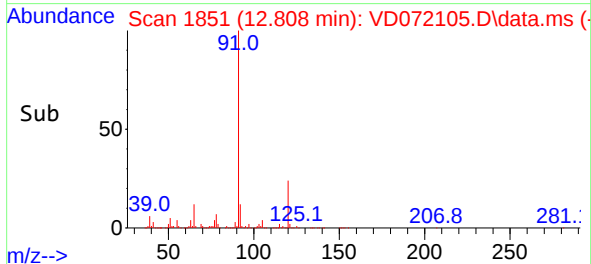
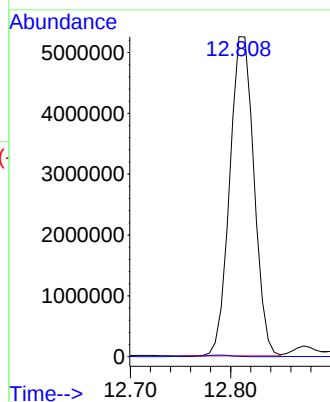
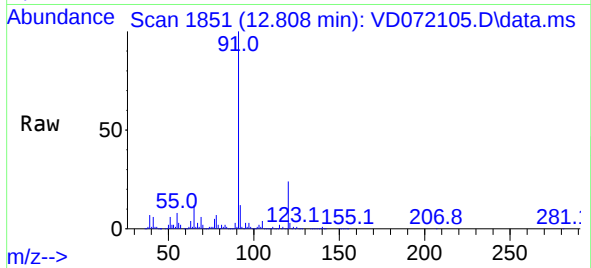




#82
4-Chlorotoluene
Concen: 336.685 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. -0.188 min
Lab File: VD072105.D
Acq: 25 Feb 2022 17:30

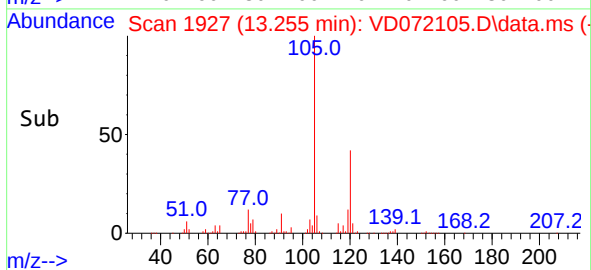
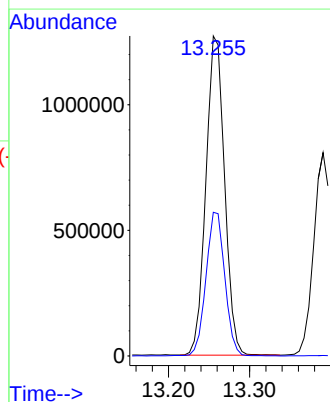
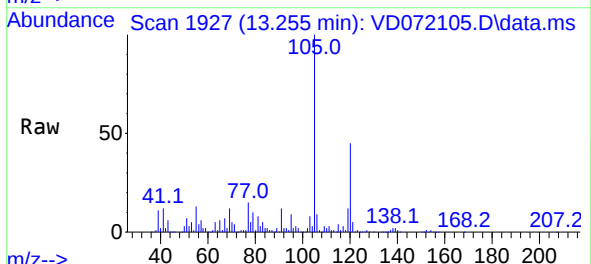
Instrument :
MSVOA_D
ClientSampleId :
UNK-NORTH

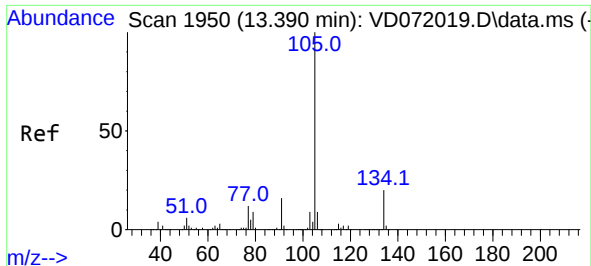
Tgt Ion: 91 Resp: 8824883
Ion Ratio Lower Upper
91 100
126 0.6 16.9 50.6#



#84
1,2,4-Trimethylbenzene
Concen: 69.658 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VD072105.D
Acq: 25 Feb 2022 17:30

Tgt Ion: 105 Resp: 2024188
Ion Ratio Lower Upper
105 100
120 45.6 22.4 67.3

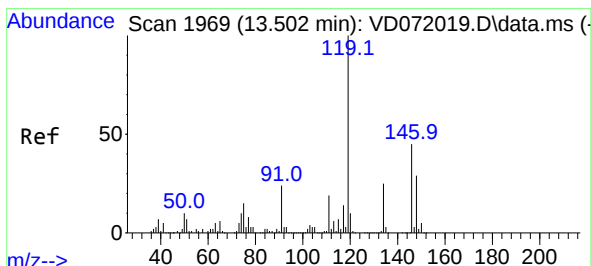
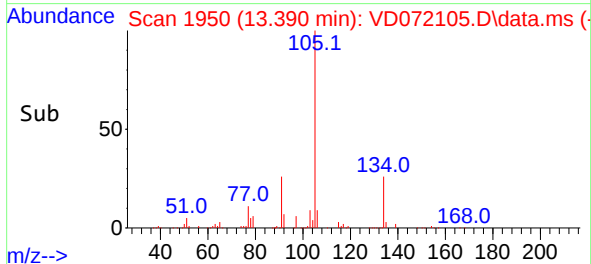
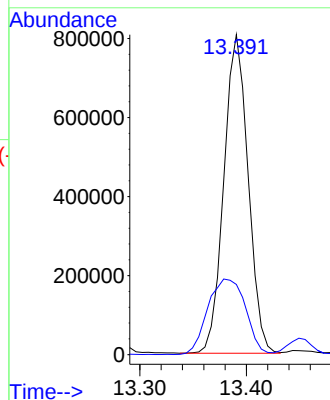
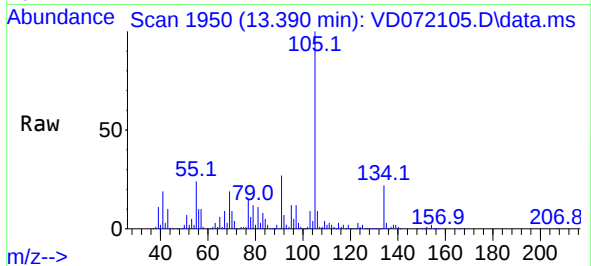




#85
 sec-Butylbenzene
 Concen: 32.948 ug/l
 RT: 13.390 min Scan# 1950
 Delta R.T. 0.000 min
 Lab File: VD072105.D
 Acq: 25 Feb 2022 17:30

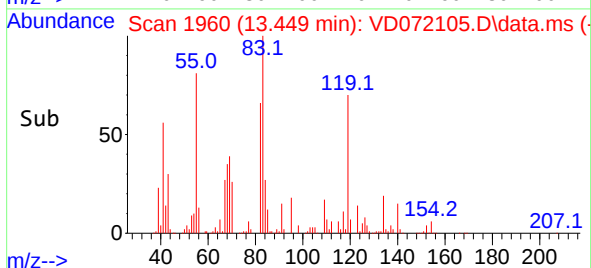
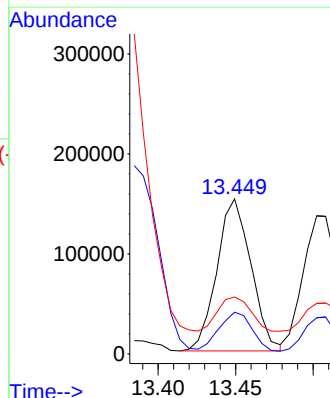
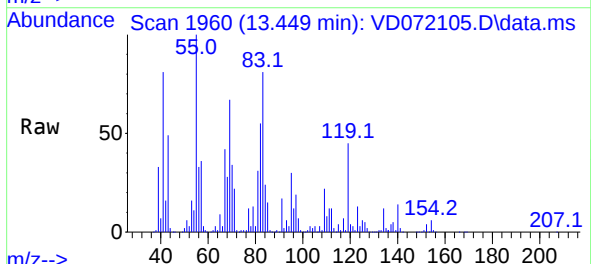
Instrument :
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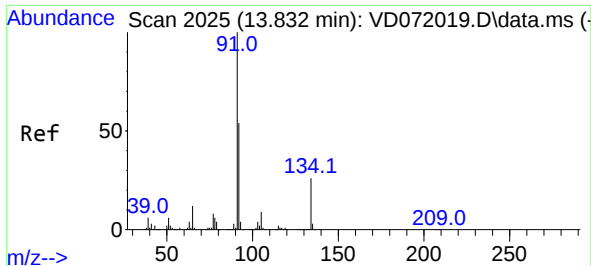
Tgt Ion:105 Resp: 1274715
 Ion Ratio Lower Upper
 105 100
 134 36.9 10.0 29.8#



#86
 p-Isopropyltoluene
 Concen: 7.330 ug/l
 RT: 13.449 min Scan# 1960
 Delta R.T. -0.053 min
 Lab File: VD072105.D
 Acq: 25 Feb 2022 17:30

Tgt Ion:119 Resp: 233246
 Ion Ratio Lower Upper
 119 100
 134 27.6 13.0 38.9
 91 21.3 11.9 35.5

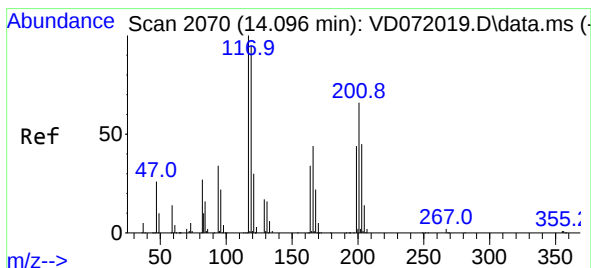
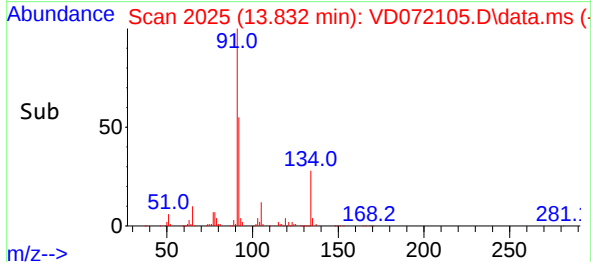
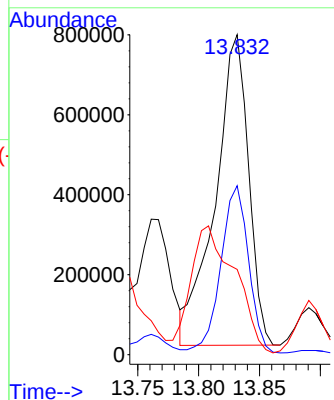
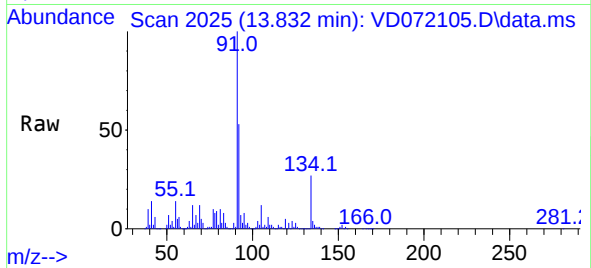




#89
n-Butylbenzene
Concen: 48.852 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. 0.000 min
Lab File: VD072105.D
Acq: 25 Feb 2022 17:30

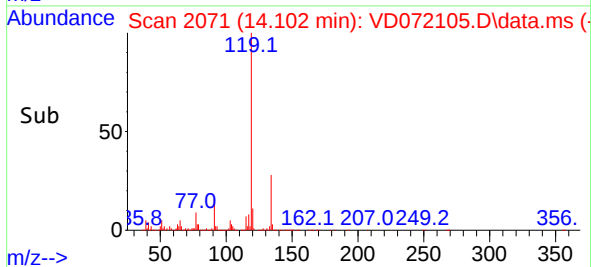
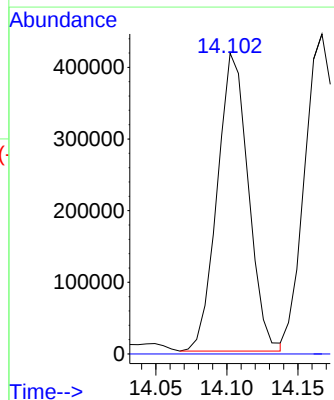
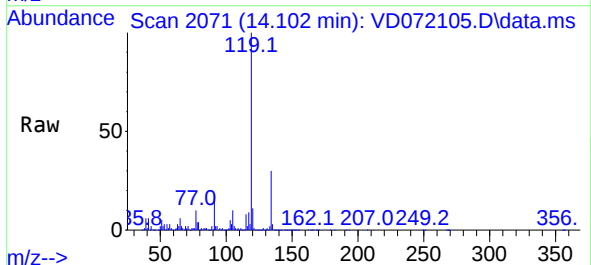
Instrument :
MSVOA_D
ClientSampleId :
UNK-NORTH

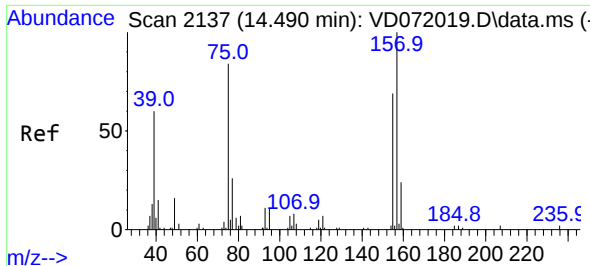
Tgt Ion: 91 Resp: 1478229
Ion Ratio Lower Upper
91 100
92 45.0 27.0 81.0
134 0.0 12.8 38.4#



#90
Hexachloroethane
Concen: 99.367 ug/l
RT: 14.102 min Scan# 2071
Delta R.T. 0.006 min
Lab File: VD072105.D
Acq: 25 Feb 2022 17:30

Tgt Ion: 117 Resp: 634699
Ion Ratio Lower Upper
117 100
201 0.0 35.2 105.6#

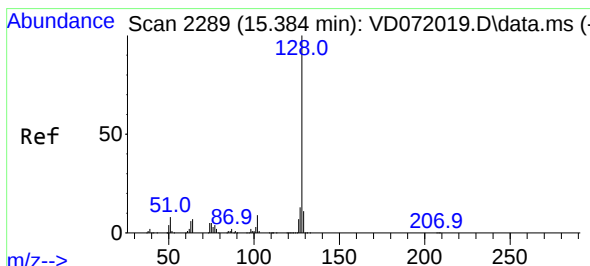
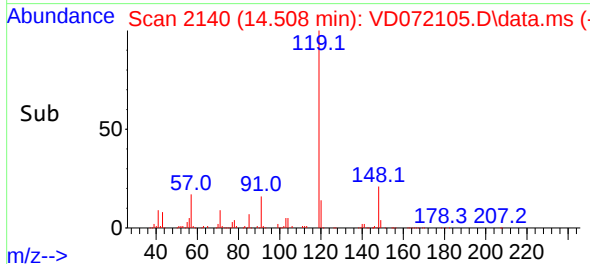
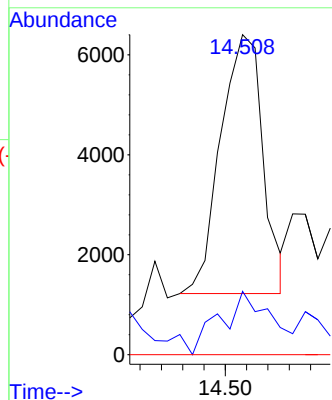
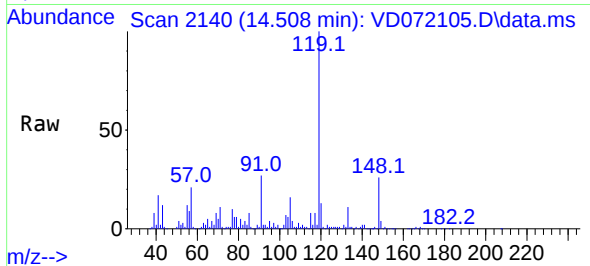




#92
1,2-Dibromo-3-Chloropropane
Concen: 6.574 ug/l
RT: 14.508 min Scan# 2137
Delta R.T. 0.018 min
Lab File: VD072105.D
Acq: 25 Feb 2022 17:30

Instrument :
MSVOA_D
ClientSampleId :
UNK-NORTH

Tgt Ion: 75 Resp: 7168
Ion Ratio Lower Upper
75 100
155 29.5 40.5 121.5#
157 0.0 53.3 159.9#



#95
Naphthalene
Concen: 47.120 ug/l
RT: 15.385 min Scan# 2289
Delta R.T. 0.000 min
Lab File: VD072105.D
Acq: 25 Feb 2022 17:30

Tgt Ion:128 Resp: 772155
Ion Ratio Lower Upper
128 100
127 13.6 10.3 15.5
129 12.4 8.7 13.1

