

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010923\
 Data File : VN076162.D
 Acq On : 09 Jan 2023 17:40
 Operator : JC\MD
 Sample : 01042-06 100X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 HARRISONLP-SILICA

Quant Time: Jan 10 01:10:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	322904	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	522662	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	463516	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	206901	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	170639	48.575	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.160%
35) Dibromofluoromethane	8.171	113	155206	47.951	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.900%
50) Toluene-d8	10.570	98	612590	50.619	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.240%
62) 4-Bromofluorobenzene	12.853	95	200376	49.990	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.980%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.530	59	32049	64.476	ug/l	99
14) Allyl chloride	5.036	41	1028	0.307	ug/l #	20
15) Acrylonitrile	5.818	53	4221	3.112	ug/l #	17
16) Acetone	4.436	43	190350	157.189	ug/l	92
18) Methyl Acetate	5.036	43	58395	16.314	ug/l	99
19) Methyl tert-butyl Ether	5.806	73	401833	42.638	ug/l	97
20) Methylene Chloride	5.277	84	591	Below Cal	#	42
22) Diisopropyl ether	6.682	45	13378	1.646	ug/l #	1
25) 2-Butanone	7.488	43	441504	260.387	ug/l	95
29) Tetrahydrofuran	7.847	42	7839	7.377	ug/l	96
31) Cyclohexane	8.229	56	6947	1.381	ug/l #	16
36) 1,1-Dichloropropene	8.229	75	23316	5.423	ug/l #	50
37) Ethyl Acetate	7.488	43	441504	127.834	ug/l #	65
38) Carbon Tetrachloride	8.229	117	33139	6.886	ug/l #	16
40) Benzene	8.618	78	8553	0.645	ug/l #	86
41) Methacrylonitrile	7.782	41	806	0.449	ug/l #	32
43) Isopropyl Acetate	8.694	43	33214	5.830	ug/l #	64
48) Methyl methacrylate	9.676	41	6058	2.361	ug/l #	17
49) 1,4-Dioxane	9.700	88	6803	107.843	ug/l #	30
51) 4-Methyl-2-Pentanone	10.447	43	363624	105.538	ug/l	97
52) Toluene	10.635	92	11253	1.302	ug/l	99
53) t-1,3-Dichloropropene	10.747	75	1183	0.257	ug/l	90
59) 2-Hexanone	11.194	43	185850	73.966	ug/l	90
67) Ethyl Benzene	11.970	91	17041	1.061	ug/l	96
68) m/p-Xylenes	12.070	106	41274	6.495	ug/l	98
69) o-Xylene	12.400	106	35138	5.587	ug/l	96
70) Styrene	12.400	104	2419	0.242	ug/l #	1
71) Bromoform	12.847	173	1293	0.504	ug/l #	1
73) Isopropylbenzene	12.700	105	9299	0.622	ug/l	100
74) N-amyl acetate	12.459	43	71183	16.229	ug/l #	43
75) 1,1,2,2-Tetrachloroethane	12.953	83	1397	0.302	ug/l #	25
76) 1,2,3-Trichloropropane	12.853	75	104220	24.989	ug/l #	1
78) n-propylbenzene	13.035	91	13058	0.792	ug/l	97
79) 2-Chlorotoluene	13.094	91	9012	0.875	ug/l #	58
80) 1,3,5-Trimethylbenzene	13.176	105	90068	7.198	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.853	75	104220	89.948	ug/l #	12

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010923\
 Data File : VN076162.D
 Acq On : 09 Jan 2023 17:40
 Operator : JC\MD
 Sample : 01042-06 100X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 HARRISONLP-SILICA

Quant Time: Jan 10 01:10:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

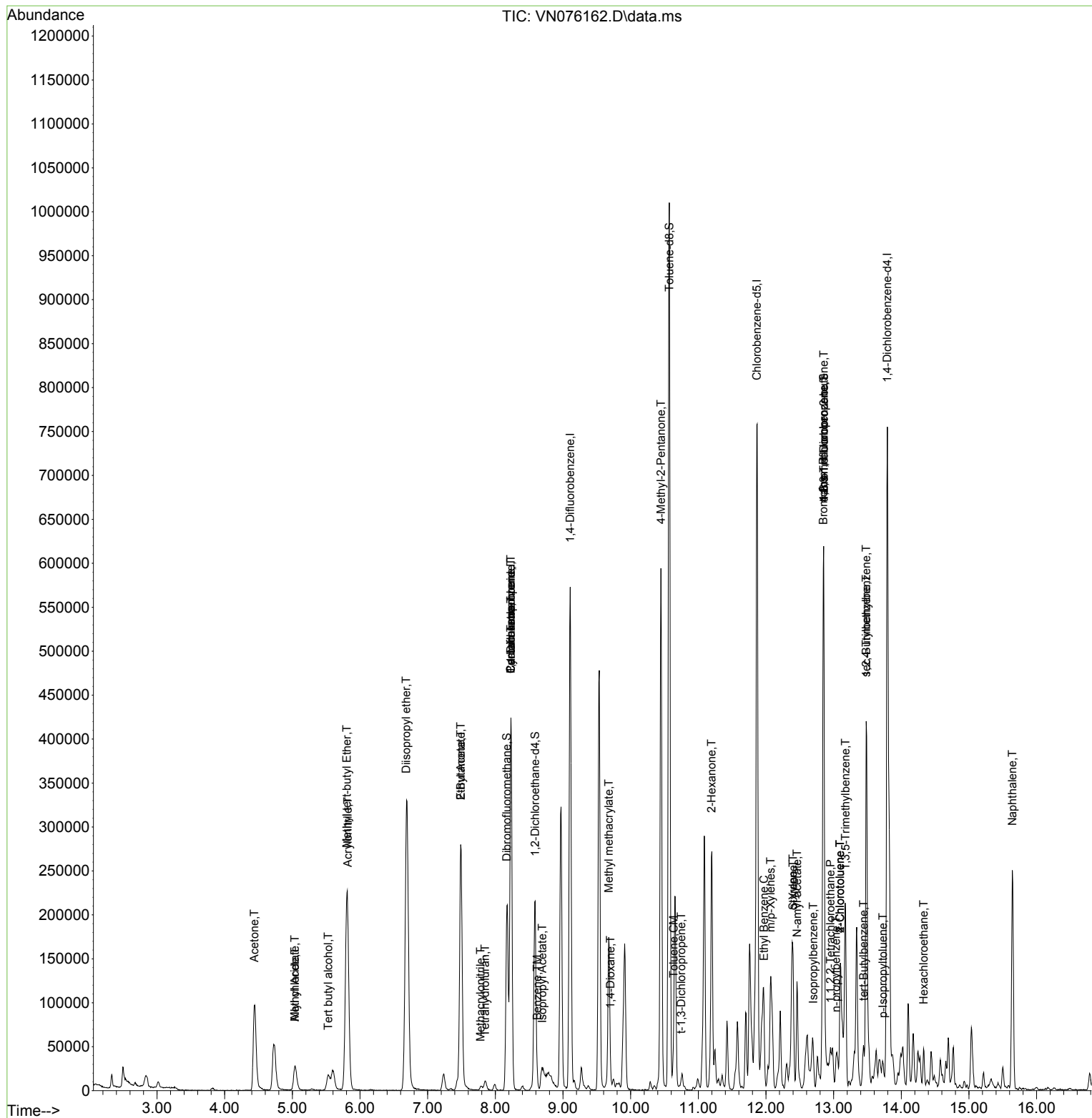
82) 4-Chlorotoluene	13.094	91	9012	0.875	ug/l #	58
83) tert-Butylbenzene	13.441	119	3607	0.327	ug/l	88
84) 1,2,4-Trimethylbenzene	13.482	105	238962	19.249	ug/l	98
85) sec-Butylbenzene	13.482	105	238962	15.692	ug/l #	56
86) p-Isopropyltoluene	13.729	119	8920	0.704	ug/l	91
90) Hexachloroethane	14.329	117	2359	1.041	ug/l #	11
95) Naphthalene	15.641	128	237015	22.310	ug/l	99

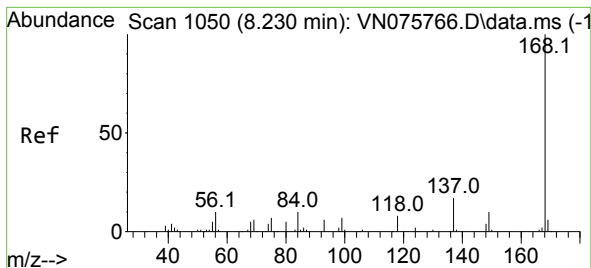
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010923\
Data File : VN076162.D
Acq On : 09 Jan 2023 17:40
Operator : JC\MD
Sample : 01042-06 100X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
HARRISONLP-SILICA

Quant Time: Jan 10 01:10:20 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 14 13:03:41 2022
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.229 min Scan# 1050

Delta R.T. -0.001 min

Lab File: VN076162.D

Acq: 09 Jan 2023 17:40

Instrument :

MSVOA_N

ClientSampleId :

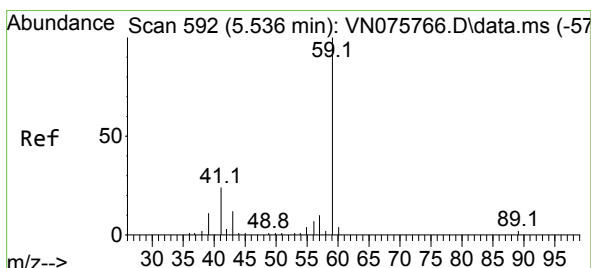
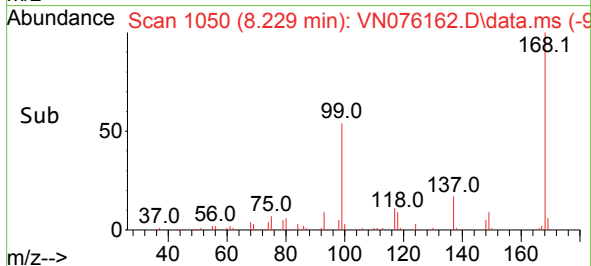
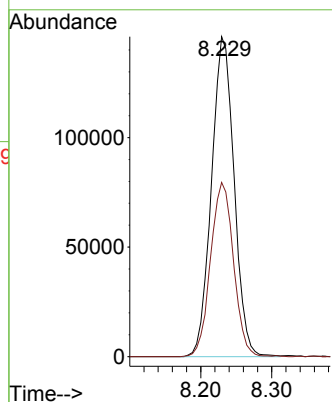
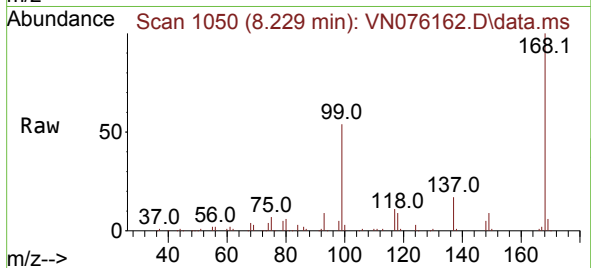
HARRISONLP-SILICA

Tgt Ion:168 Resp: 322904

Ion Ratio Lower Upper

168 100

99 54.5 44.2 66.4



#11

Tert butyl alcohol

Concen: 64.476 ug/l

RT: 5.530 min Scan# 591

Delta R.T. -0.006 min

Lab File: VN076162.D

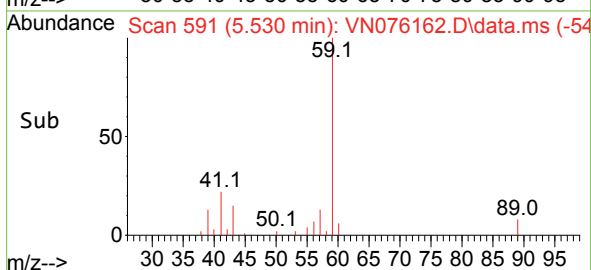
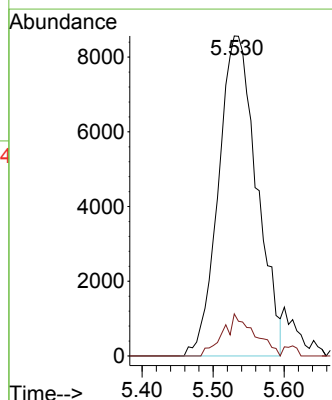
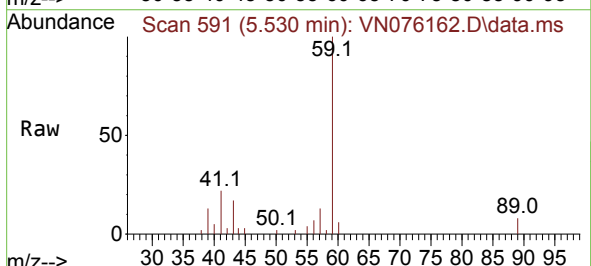
Acq: 09 Jan 2023 17:40

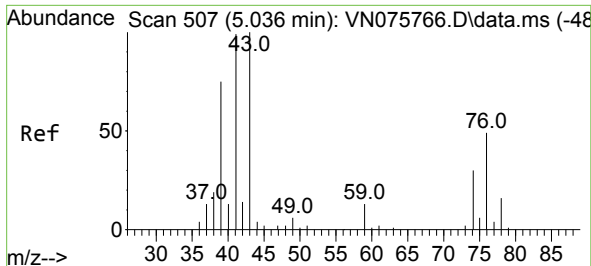
Tgt Ion: 59 Resp: 32049

Ion Ratio Lower Upper

59 100

57 10.9 8.2 12.4

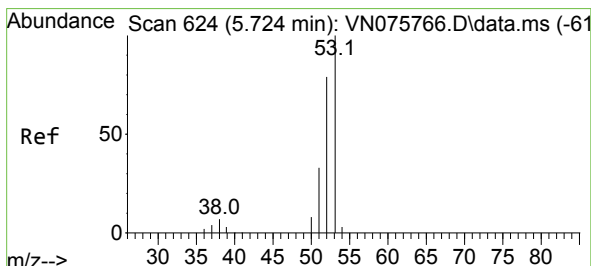
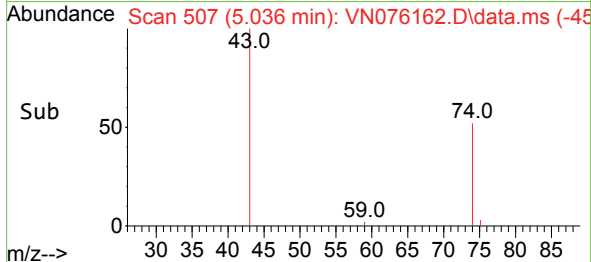
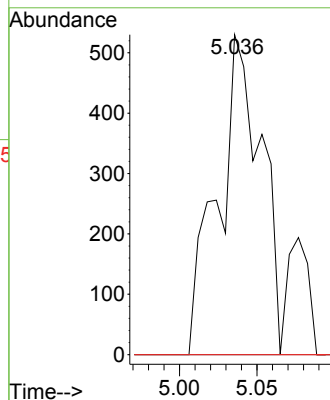
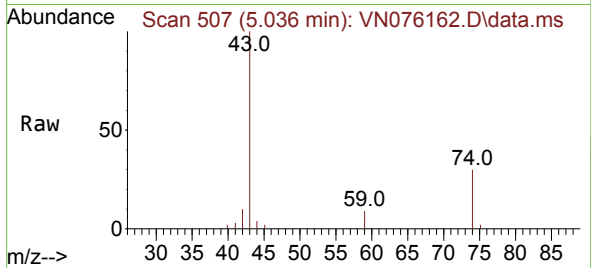




#14
 Allyl chloride
 Concen: 0.307 ug/l
 RT: 5.036 min Scan# 507
 Delta R.T. -0.000 min
 Lab File: VN076162.D
 Acq: 09 Jan 2023 17:40

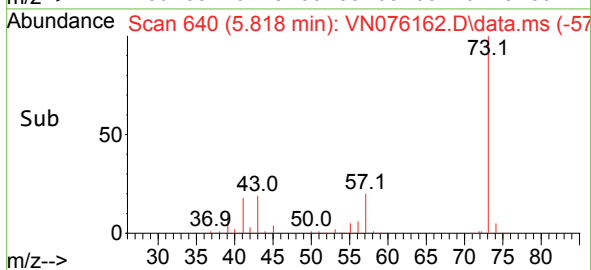
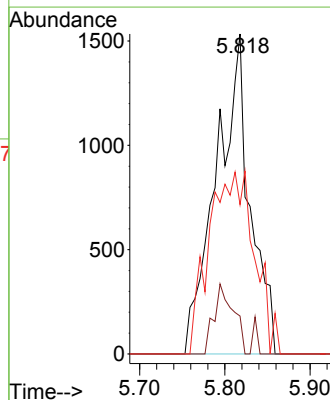
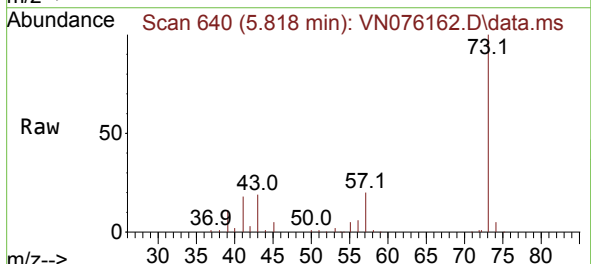
Instrument :
 MSVOA_N
 ClientSampleId :
 HARRISONLP-SILICA

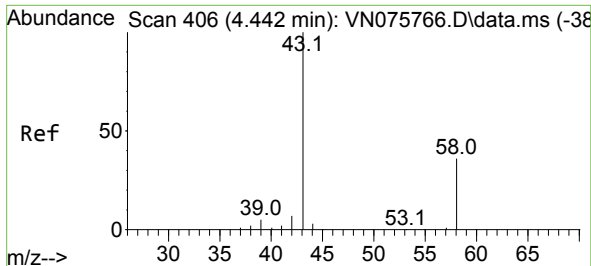
Tgt Ion: 41 Resp: 1028
 Ion Ratio Lower Upper
 41 100
 39 0.0 58.3 87.5#
 76 0.0 35.8 53.6#



#15
 Acrylonitrile
 Concen: 3.112 ug/l
 RT: 5.818 min Scan# 640
 Delta R.T. 0.094 min
 Lab File: VN076162.D
 Acq: 09 Jan 2023 17:40

Tgt Ion: 53 Resp: 4221
 Ion Ratio Lower Upper
 53 100
 52 1.5 65.4 98.0#
 51 76.5 28.9 43.3#

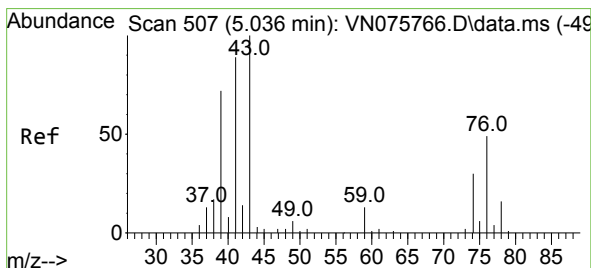
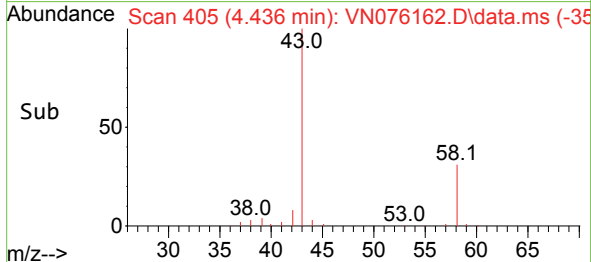
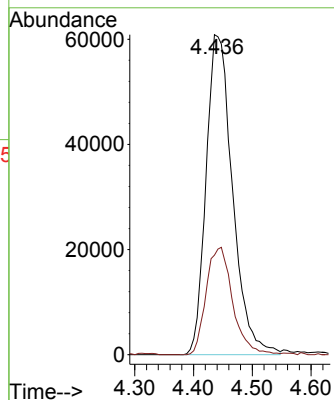
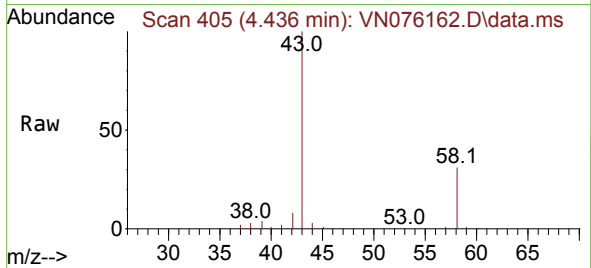




#16
Acetone
Concen: 157.189 ug/l
RT: 4.436 min Scan# 406
Delta R.T. -0.006 min
Lab File: VN076162.D
Acq: 09 Jan 2023 17:40

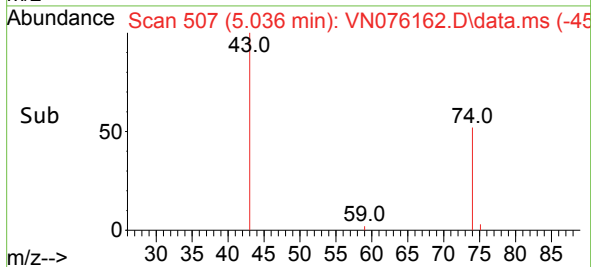
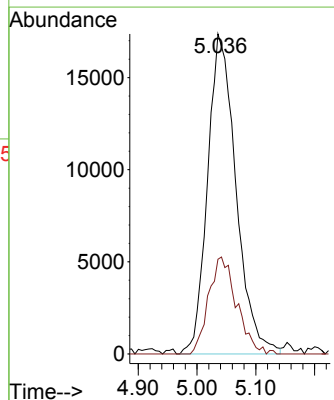
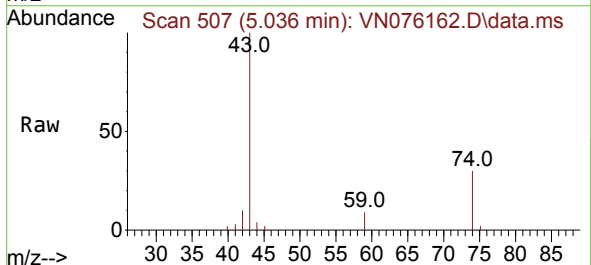
Instrument :
MSVOA_N
ClientSampleId :
HARRISONLP-SILICA

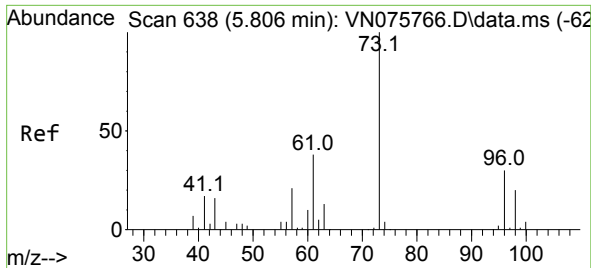
Tgt Ion: 43 Resp: 190350
Ion Ratio Lower Upper
43 100
58 31.1 28.6 43.0



#18
Methyl Acetate
Concen: 16.314 ug/l
RT: 5.036 min Scan# 507
Delta R.T. -0.000 min
Lab File: VN076162.D
Acq: 09 Jan 2023 17:40

Tgt Ion: 43 Resp: 58395
Ion Ratio Lower Upper
43 100
74 29.9 23.6 35.4

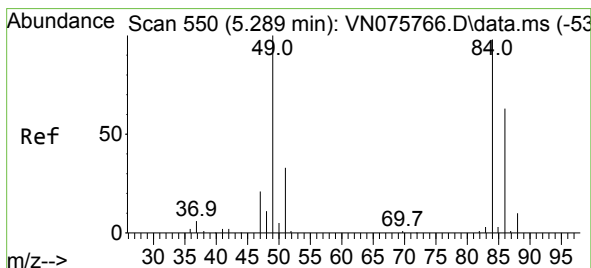
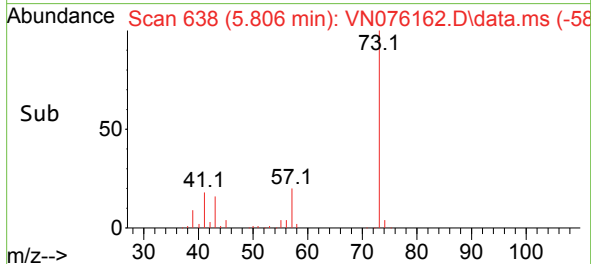
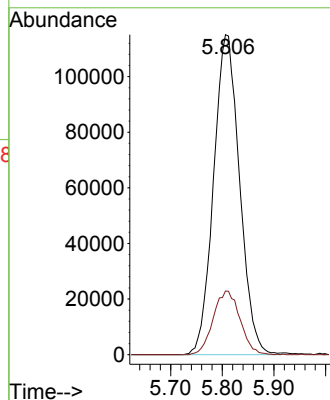
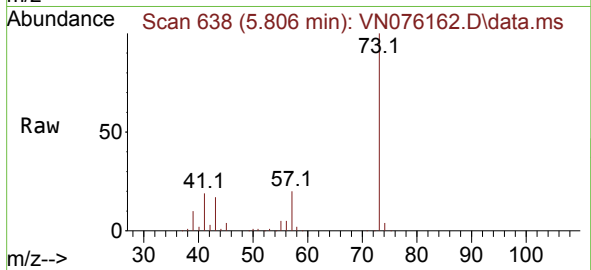




#19
Methyl tert-butyl Ether
Concen: 42.638 ug/l
RT: 5.806 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN076162.D
Acq: 09 Jan 2023 17:40

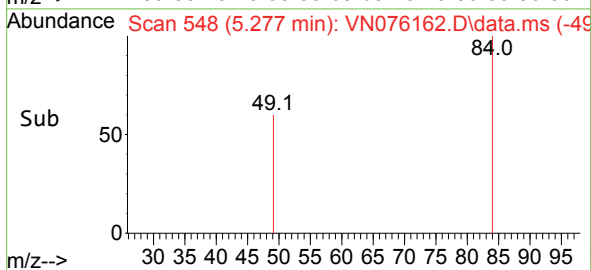
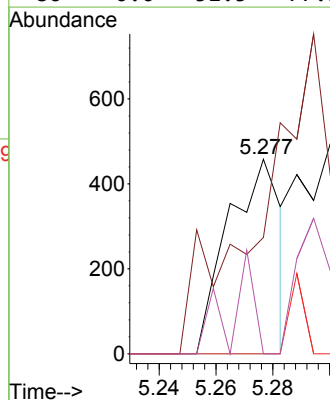
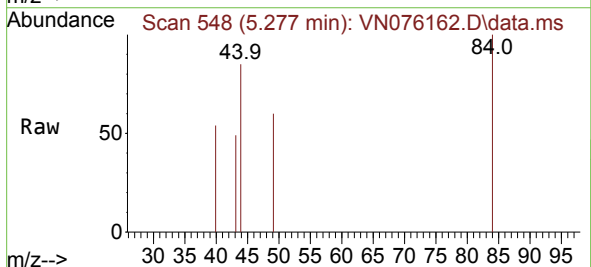
Instrument :
MSVOA_N
ClientSampleId :
HARRISONLP-SILICA

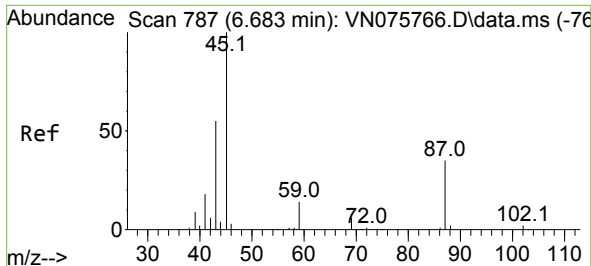
Tgt Ion: 73 Resp: 401833
Ion Ratio Lower Upper
73 100
57 19.9 17.1 25.7



#20
Methylene Chloride
Concen: Below Cal
RT: 5.277 min Scan# 548
Delta R.T. -0.012 min
Lab File: VN076162.D
Acq: 09 Jan 2023 17:40

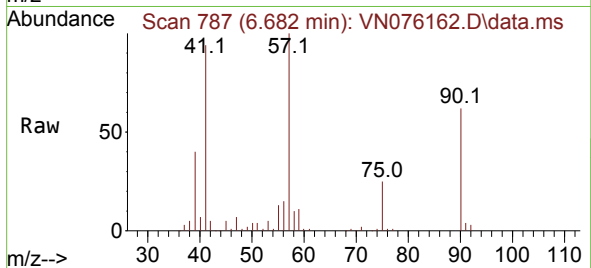
Tgt Ion: 84 Resp: 591
Ion Ratio Lower Upper
84 100
49 59.8 81.8 122.6#
51 0.0 26.7 40.1#
86 0.0 51.5 77.3#



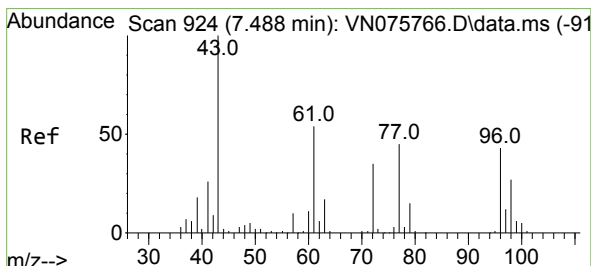
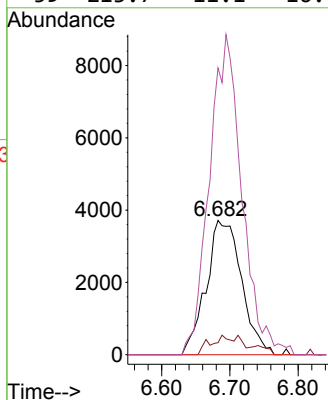
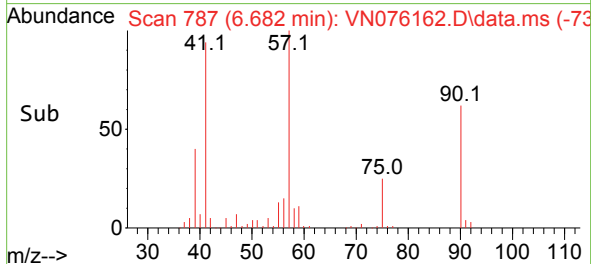


#22
Diisopropyl ether
Concen: 1.646 ug/l
RT: 6.682 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN076162.D
Acq: 09 Jan 2023 17:40

Instrument :
MSVOA_N
ClientSampleId :
HARRISONLP-SILICA

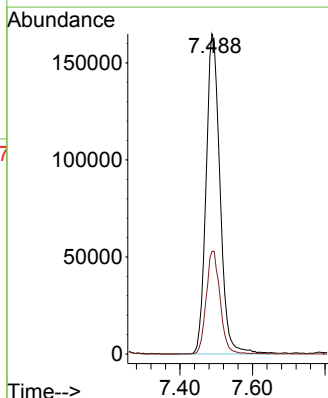
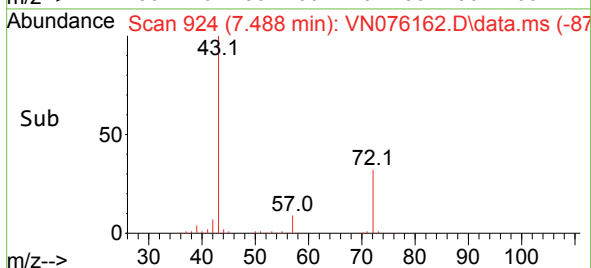
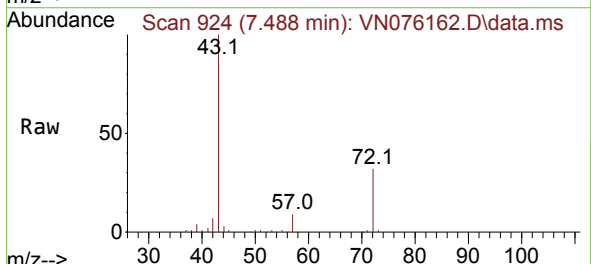


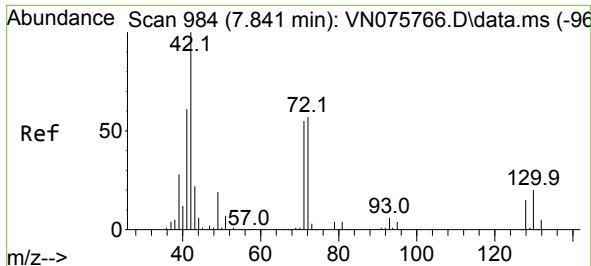
Tgt Ion:	45	Resp:	13378
Ion Ratio	100	Lower	Upper
43	9.0	44.2	66.4#
87	0.0	28.3	42.5#
59	213.7	11.1	16.7#



#25
2-Butanone
Concen: 260.387 ug/l
RT: 7.488 min Scan# 924
Delta R.T. -0.000 min
Lab File: VN076162.D
Acq: 09 Jan 2023 17:40

Tgt Ion:	43	Resp:	441504
Ion Ratio	100	Lower	Upper
72	32.1	28.0	42.0





#29

Tetrahydrofuran

Concen: 7.377 ug/l

RT: 7.847 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN076162.D

Acq: 09 Jan 2023 17:40

Instrument :

MSVOA_N

ClientSampleId :

HARRISONLP-SILICA

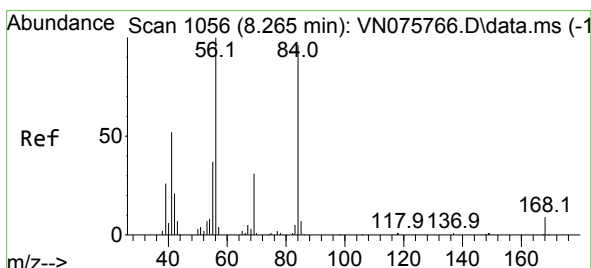
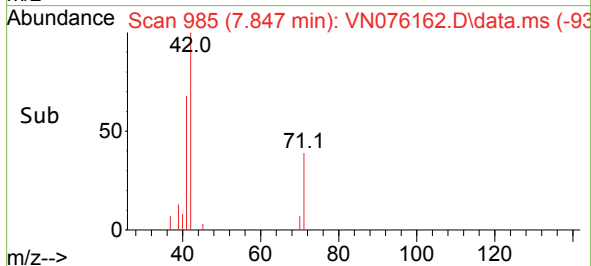
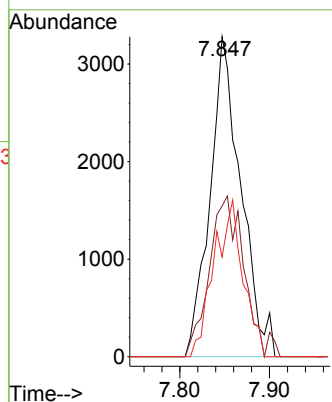
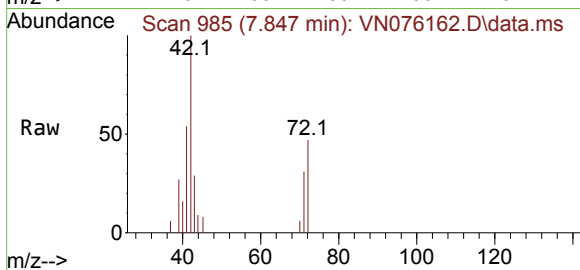
Tgt Ion: 42 Resp: 7839

Ion Ratio Lower Upper

42 100

72 54.8 44.5 66.7

71 46.1 41.0 61.6



#31

Cyclohexane

Concen: 1.381 ug/l

RT: 8.229 min Scan# 1050

Delta R.T. -0.035 min

Lab File: VN076162.D

Acq: 09 Jan 2023 17:40

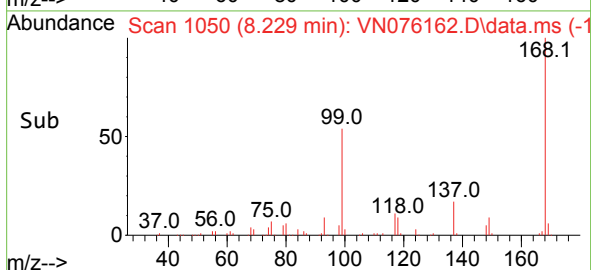
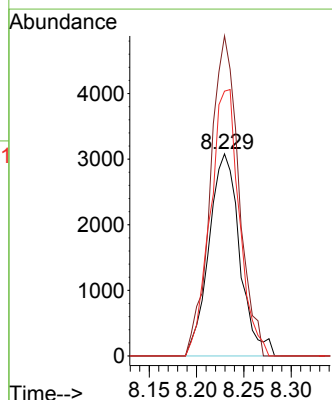
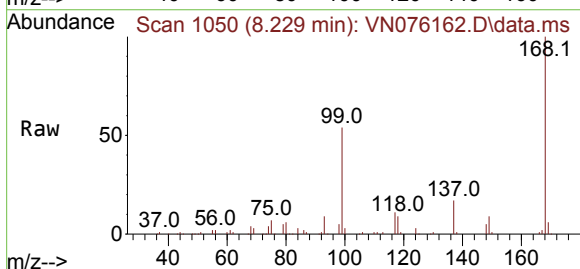
Tgt Ion: 56 Resp: 6947

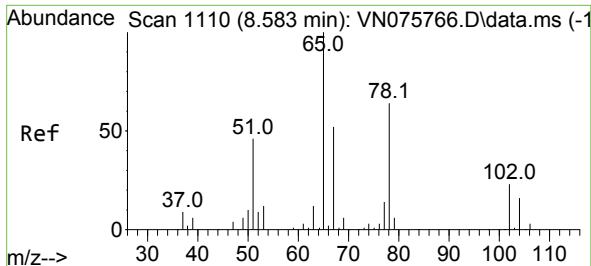
Ion Ratio Lower Upper

56 100

69 158.3 24.7 37.1#

84 131.0 76.5 114.7#





#33

1,2-Dichloroethane-d4

Concen: 48.575 ug/l

RT: 8.588 min Scan# 1111

Delta R.T. 0.006 min

Lab File: VN076162.D

Acq: 09 Jan 2023 17:40

Instrument :

MSVOA_N

ClientSampleId :

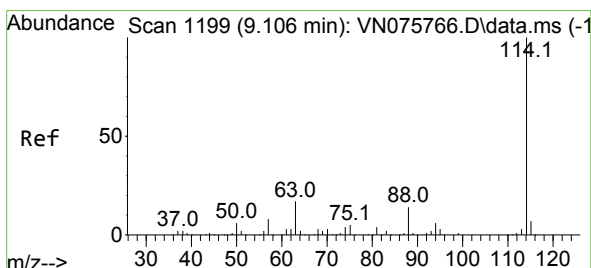
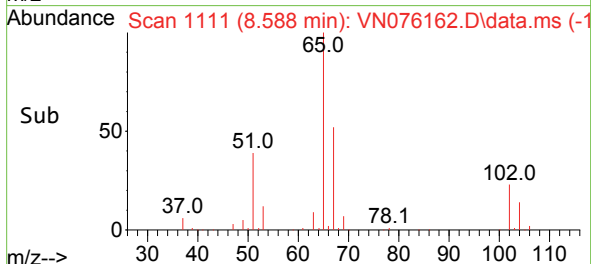
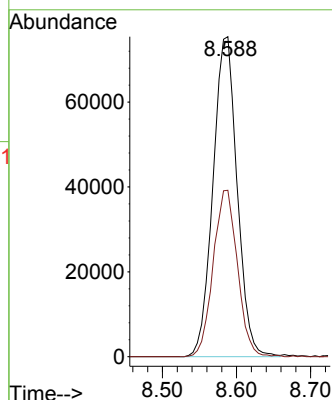
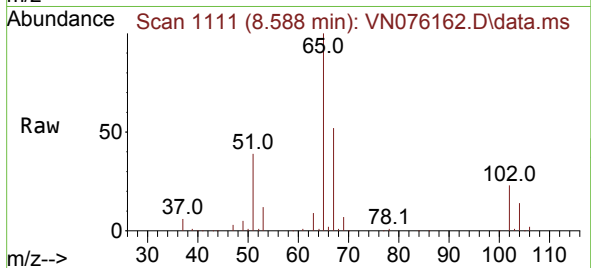
HARRISONLP-SILICA

Tgt Ion: 65 Resp: 170639

Ion Ratio Lower Upper

65 100

67 52.2 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN076162.D

Acq: 09 Jan 2023 17:40

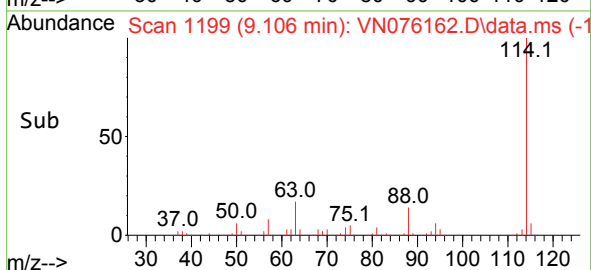
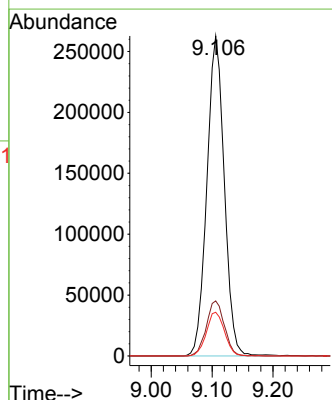
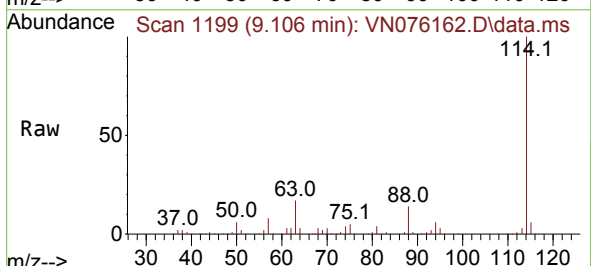
Tgt Ion: 114 Resp: 522662

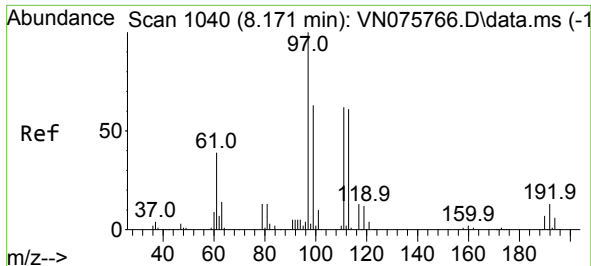
Ion Ratio Lower Upper

114 100

63 17.2 0.0 34.4

88 13.7 0.0 28.8

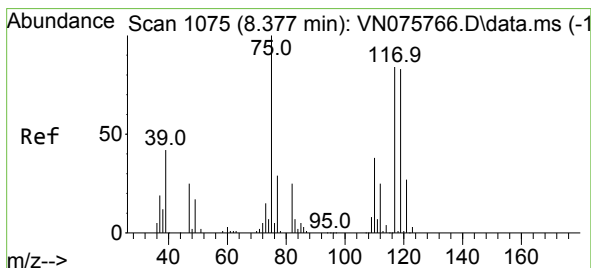
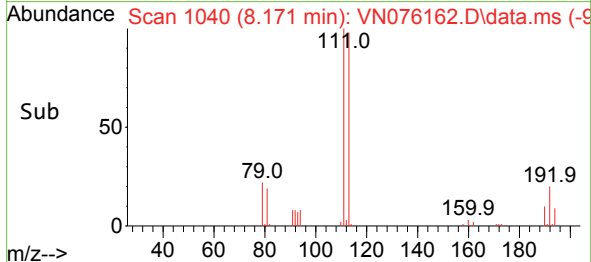
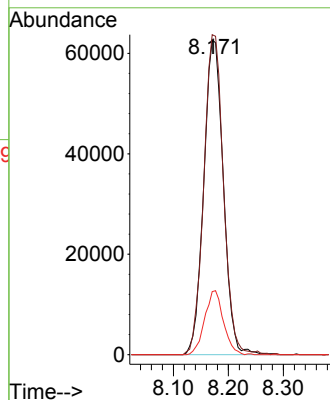
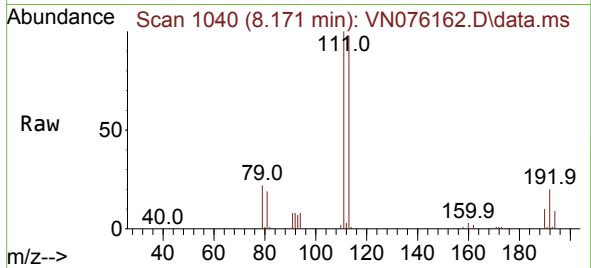




#35
Dibromofluoromethane
Concen: 47.951 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN076162.D
Acq: 09 Jan 2023 17:40

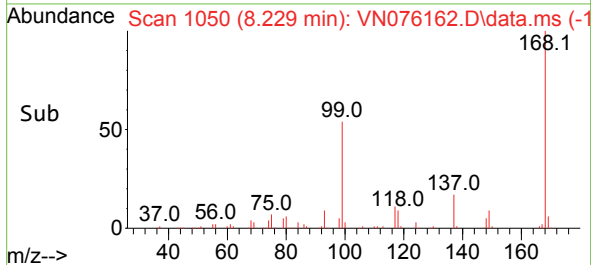
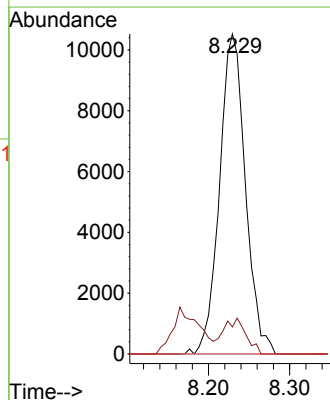
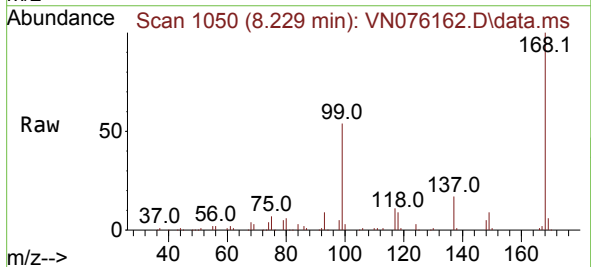
Instrument :
MSVOA_N
ClientSampleId :
HARRISONLP-SILICA

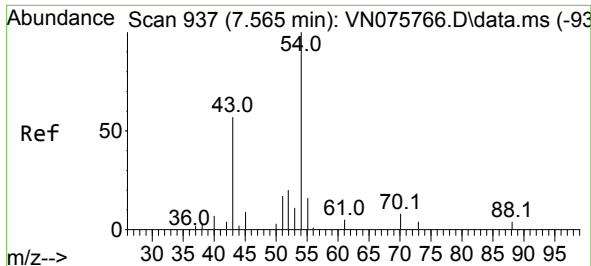
Tgt Ion:113 Resp: 155206
Ion Ratio Lower Upper
113 100
111 101.9 83.4 125.2
192 19.4 16.1 24.1



#36
1,1-Dichloropropene
Concen: 5.423 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.147 min
Lab File: VN076162.D
Acq: 09 Jan 2023 17:40

Tgt Ion: 75 Resp: 23316
Ion Ratio Lower Upper
75 100
110 9.8 18.8 56.4#
77 0.0 24.1 36.1#

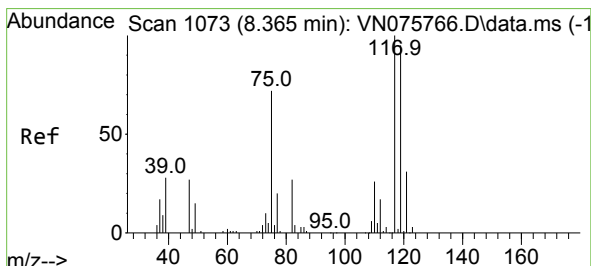
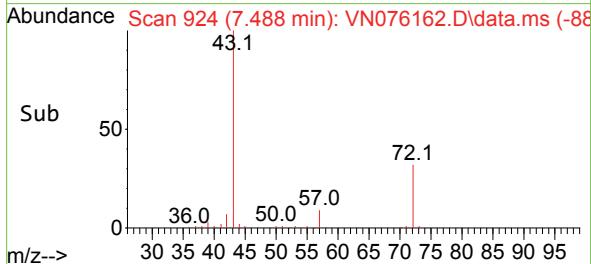
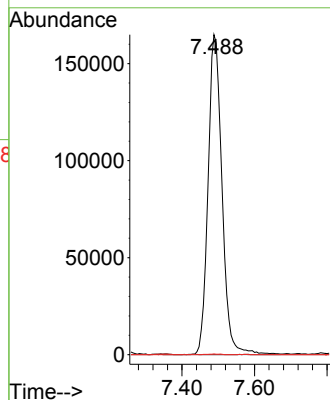
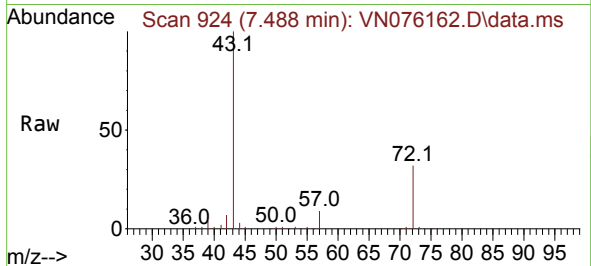




#37
Ethyl Acetate
Concen: 127.834 ug/l
RT: 7.488 min Scan# 91
Delta R.T. -0.077 min
Lab File: VN076162.D
Acq: 09 Jan 2023 17:40

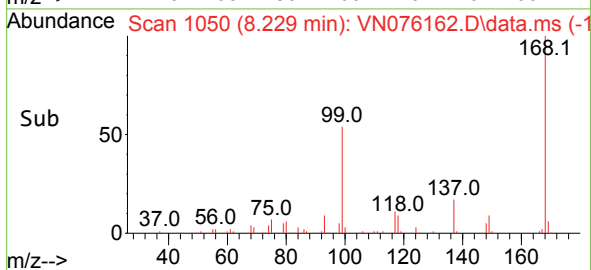
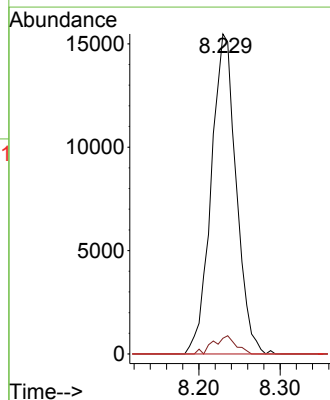
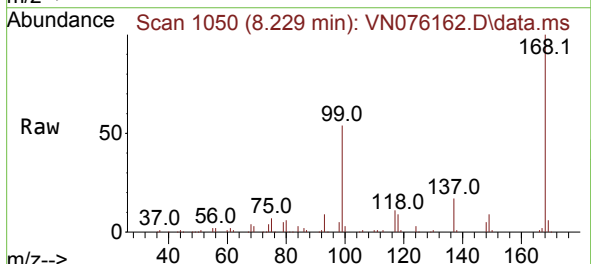
Instrument :
MSVOA_N
ClientSampleId :
HARRISONLP-SILICA

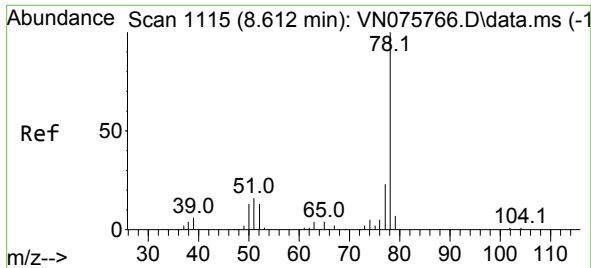
Tgt Ion: 43 Resp: 441504
Ion Ratio Lower Upper
43 100
61 0.0 13.0 19.4#
70 0.2 9.4 14.0#



#38
Carbon Tetrachloride
Concen: 6.886 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.135 min
Lab File: VN076162.D
Acq: 09 Jan 2023 17:40

Tgt Ion: 117 Resp: 33139
Ion Ratio Lower Upper
117 100
119 4.9 76.1 114.1#
121 0.0 24.5 36.7#

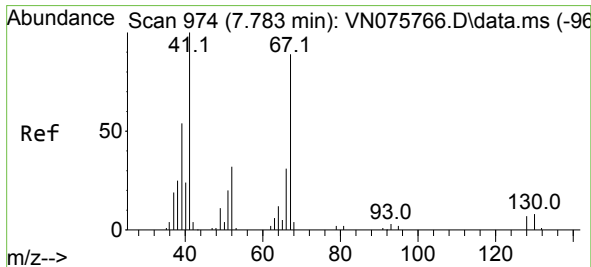
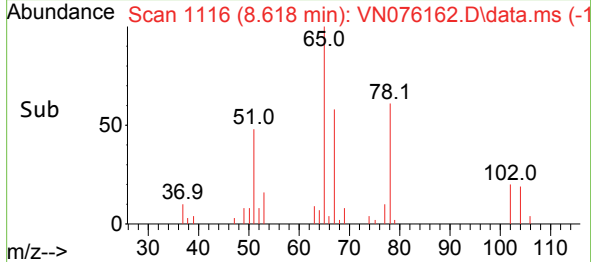
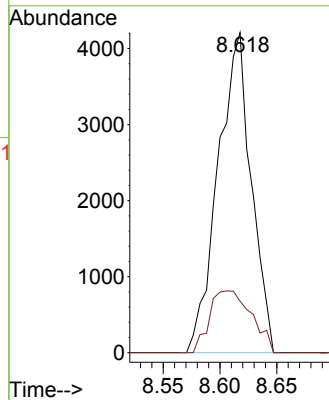
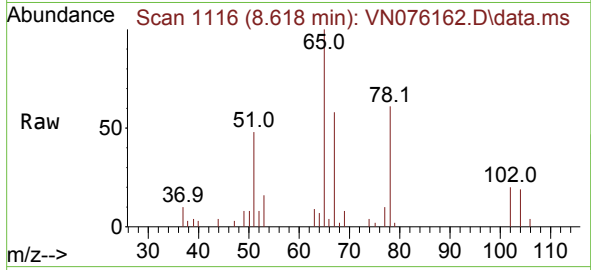




#40
Benzene
Concen: 0.645 ug/l
RT: 8.618 min Scan# 1115
Delta R.T. 0.006 min
Lab File: VN076162.D
Acq: 09 Jan 2023 17:40

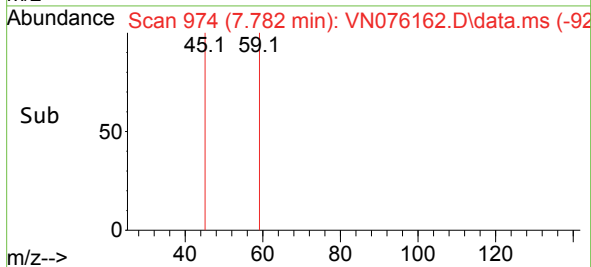
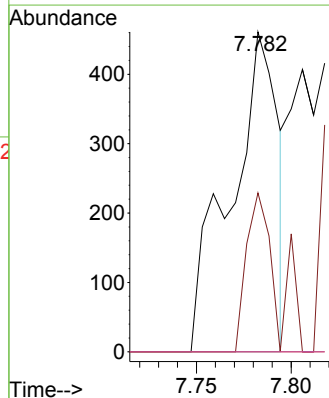
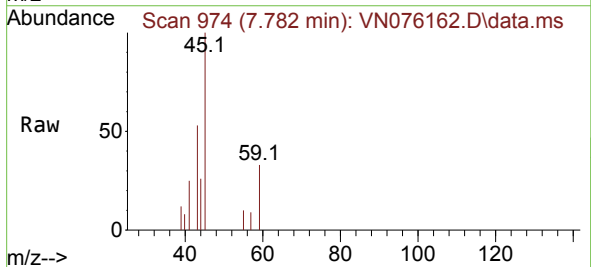
Instrument :
MSVOA_N
ClientSampleId :
HARRISONLP-SILICA

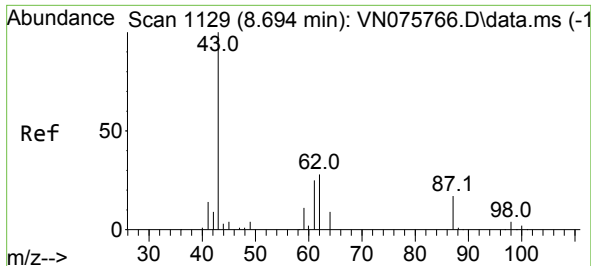
Tgt Ion: 78 Resp: 8553
Ion Ratio Lower Upper
78 100
77 16.1 18.5 27.7#



#41
Methacrylonitrile
Concen: 0.449 ug/l
RT: 7.782 min Scan# 974
Delta R.T. -0.000 min
Lab File: VN076162.D
Acq: 09 Jan 2023 17:40

Tgt Ion: 41 Resp: 806
Ion Ratio Lower Upper
41 100
39 31.6 43.1 64.7#
67 0.0 70.7 106.1#
52 0.0 26.7 40.1#

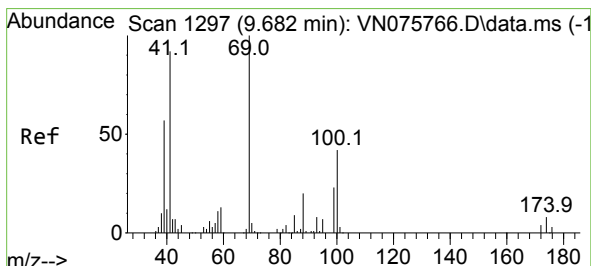
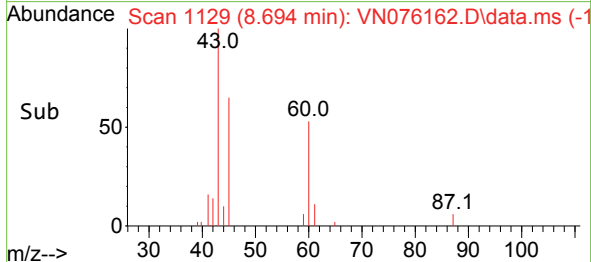
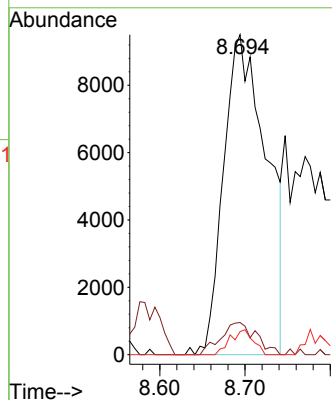
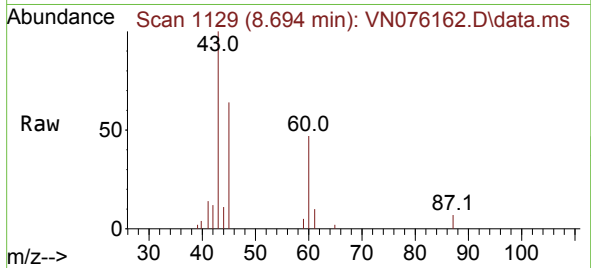




#43
Isopropyl Acetate
Concen: 5.830 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VN076162.D
Acq: 09 Jan 2023 17:40

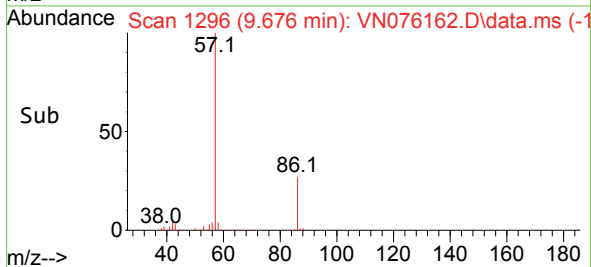
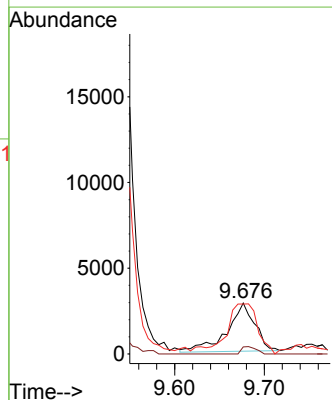
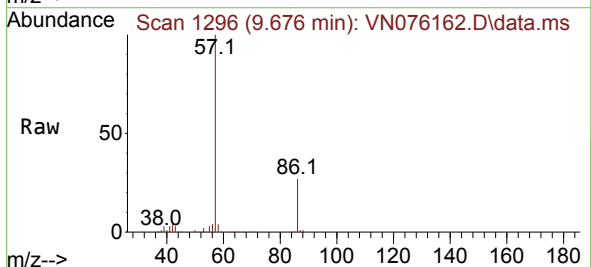
Instrument :
MSVOA_N
ClientSampleId :
HARRISONLP-SILICA

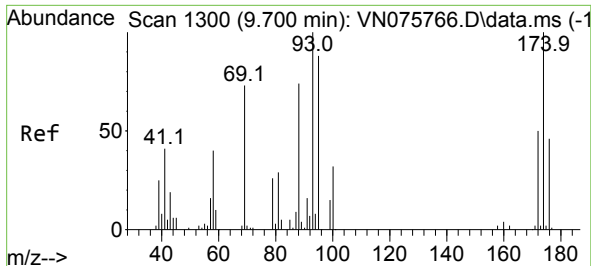
Tgt Ion: 43 Resp: 33214
Ion Ratio Lower Upper
43 100
61 8.4 24.2 36.4#
87 4.2 13.3 19.9#



#48
Methyl methacrylate
Concen: 2.361 ug/l
RT: 9.676 min Scan# 1296
Delta R.T. -0.006 min
Lab File: VN076162.D
Acq: 09 Jan 2023 17:40

Tgt Ion: 41 Resp: 6058
Ion Ratio Lower Upper
41 100
69 7.9 81.9 122.9#
39 118.0 51.6 77.4#





#49

1,4-Dioxane

Concen: 107.843 ug/l

RT: 9.700 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN076162.D

Acq: 09 Jan 2023 17:40

Instrument :

MSVOA_N

ClientSampleId :

HARRISONLP-SILICA

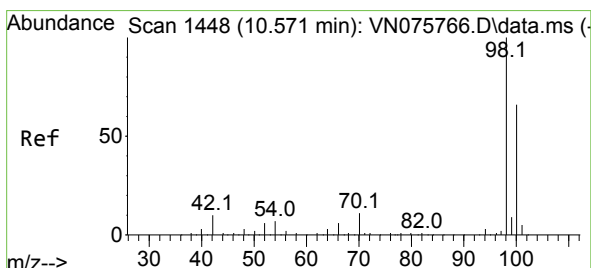
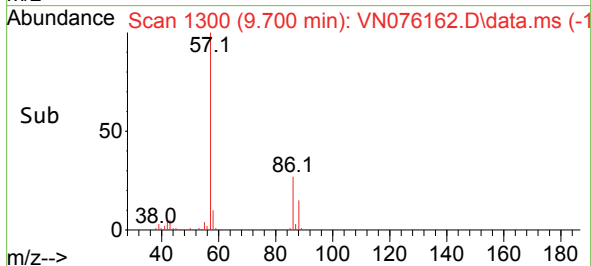
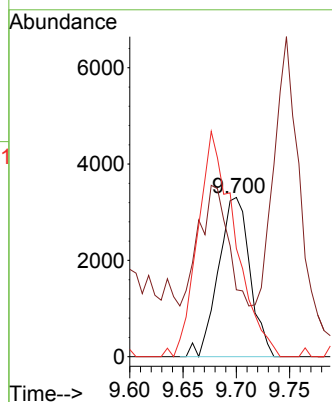
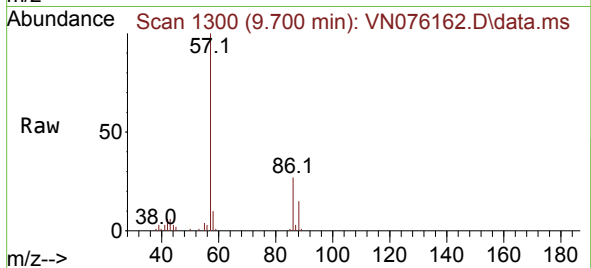
Tgt Ion: 88 Resp: 6803

Ion Ratio Lower Upper

88 100

43 0.0 17.1 25.7#

58 0.0 47.8 71.8#



#50

Toluene-d8

Concen: 50.619 ug/l

RT: 10.570 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN076162.D

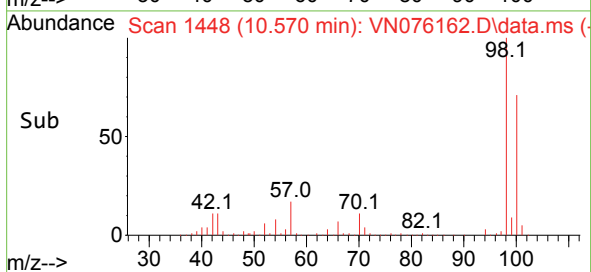
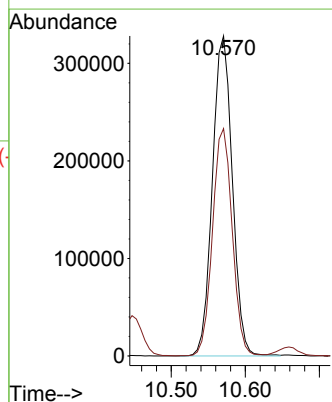
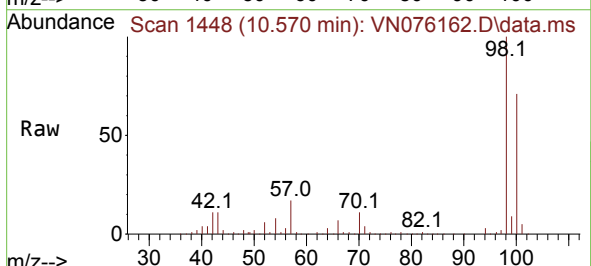
Acq: 09 Jan 2023 17:40

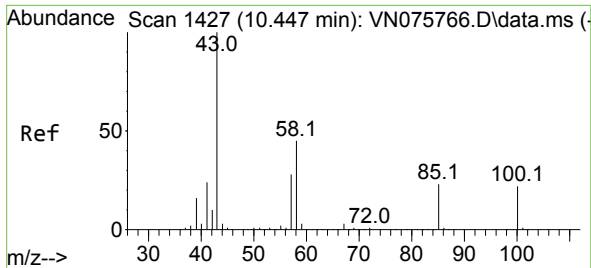
Tgt Ion: 98 Resp: 612590

Ion Ratio Lower Upper

98 100

100 70.4 52.1 78.1

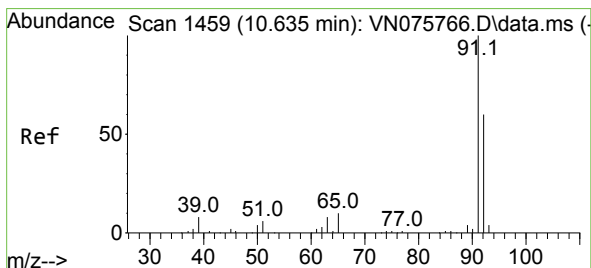
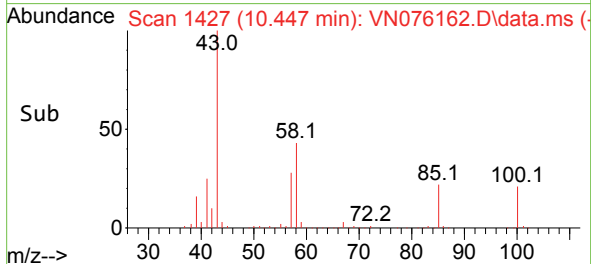
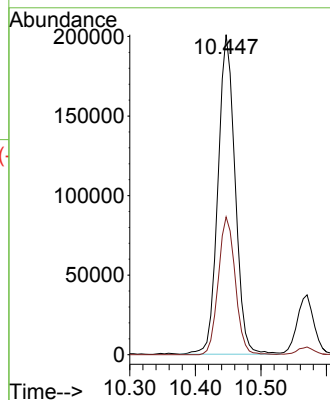
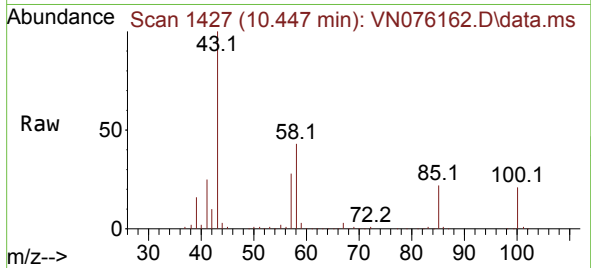




#51
4-Methyl-2-Pentanone
Concen: 105.538 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VN076162.D
Acq: 09 Jan 2023 17:40

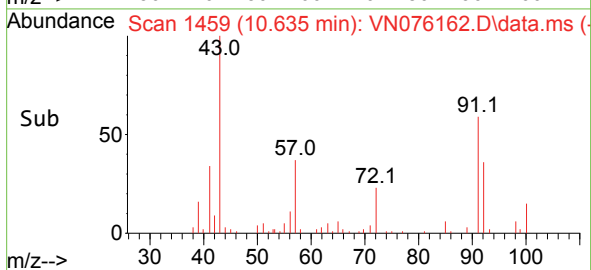
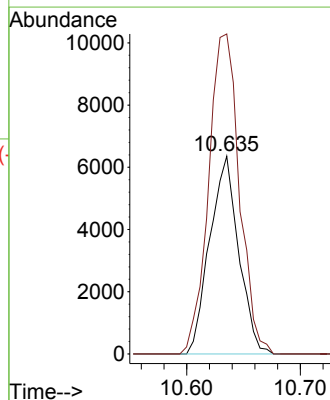
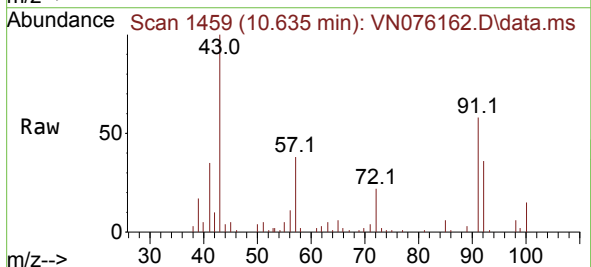
Instrument :
MSVOA_N
ClientSampleId :
HARRISONLP-SILICA

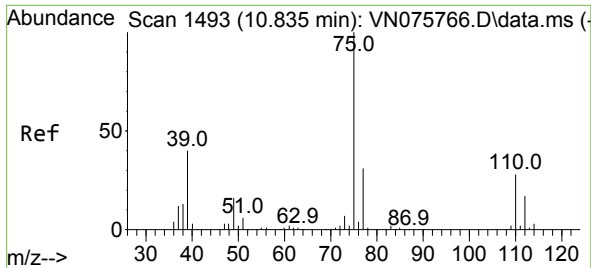
Tgt Ion: 43 Resp: 363624
Ion Ratio Lower Upper
43 100
58 42.5 35.5 53.3



#52
Toluene
Concen: 1.302 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VN076162.D
Acq: 09 Jan 2023 17:40

Tgt Ion: 92 Resp: 11253
Ion Ratio Lower Upper
92 100
91 172.4 137.3 205.9

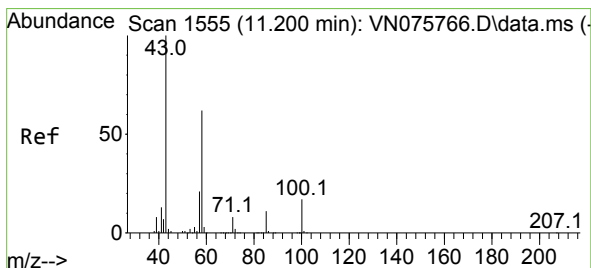
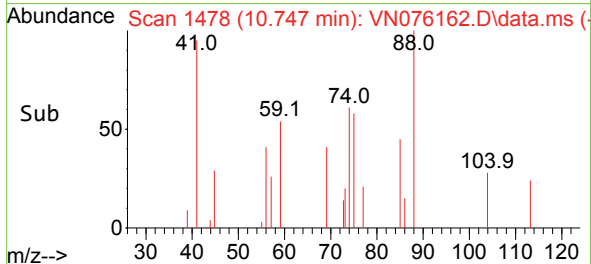
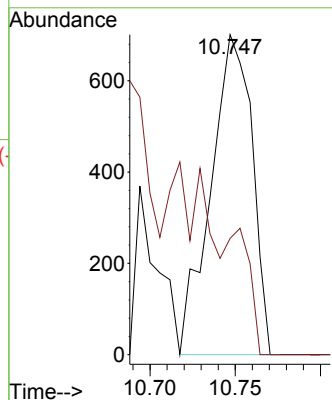
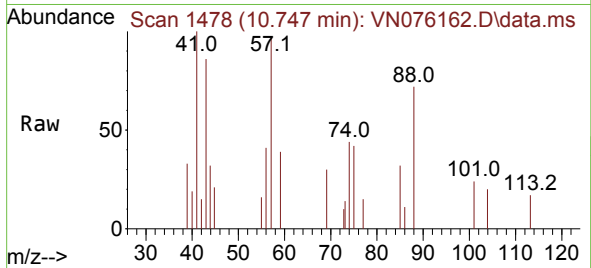




#53
t-1,3-Dichloropropene
Concen: 0.257 ug/l
RT: 10.747 min Scan# 1493
Delta R.T. -0.088 min
Lab File: VN076162.D
Acq: 09 Jan 2023 17:40

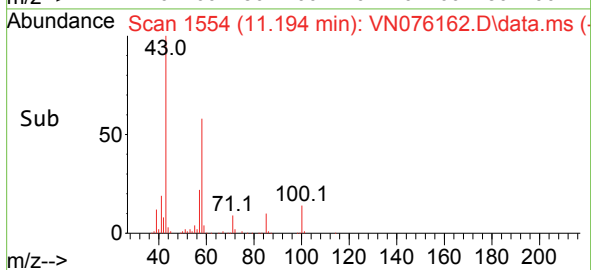
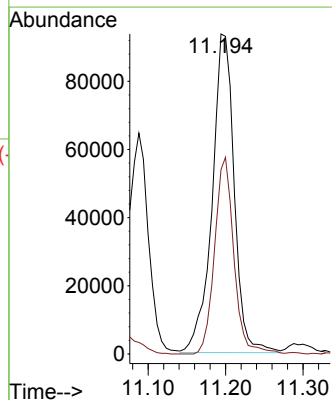
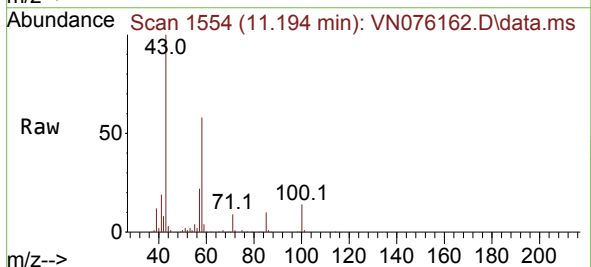
Instrument :
MSVOA_N
ClientSampleId :
HARRISONLP-SILICA

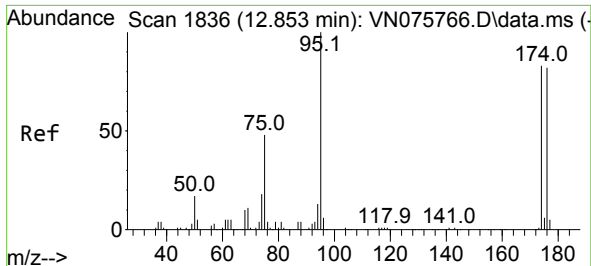
Tgt Ion: 75 Resp: 1183
Ion Ratio Lower Upper
75 100
77 36.4 24.9 37.3



#59
2-Hexanone
Concen: 73.966 ug/l
RT: 11.194 min Scan# 1554
Delta R.T. -0.006 min
Lab File: VN076162.D
Acq: 09 Jan 2023 17:40

Tgt Ion: 43 Resp: 185850
Ion Ratio Lower Upper
43 100
58 53.8 30.6 92.0

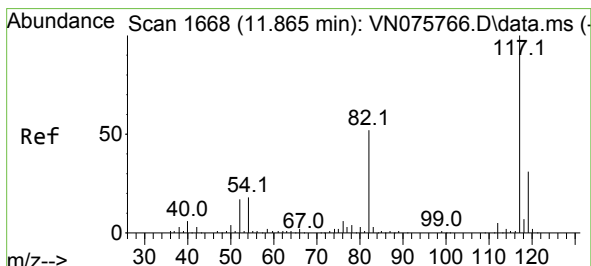
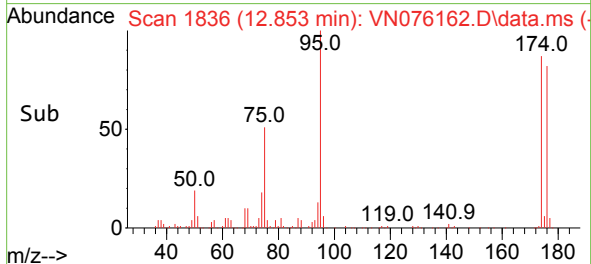
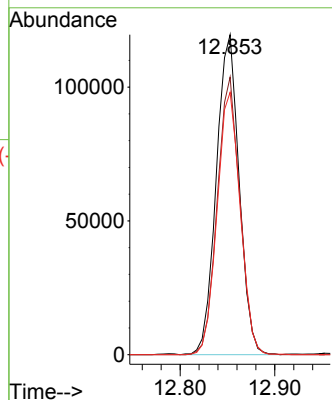
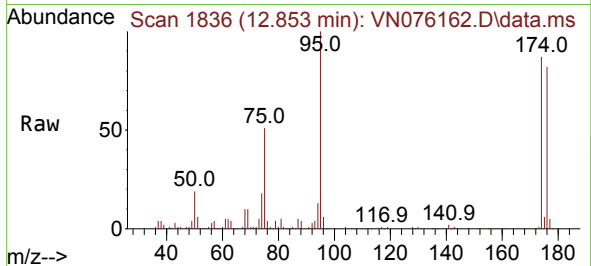




#62
4-Bromofluorobenzene
Concen: 49.990 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN076162.D
Acq: 09 Jan 2023 17:40

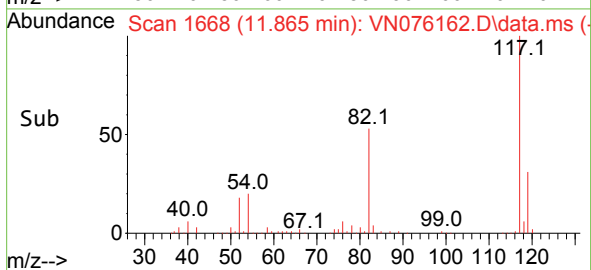
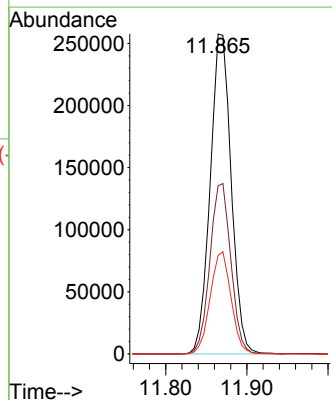
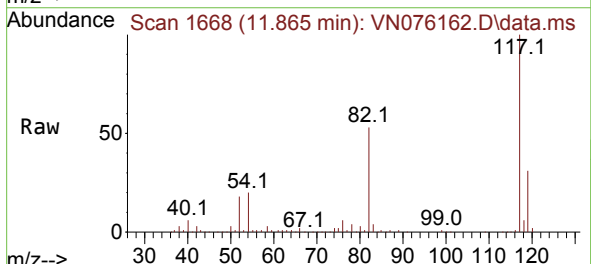
Instrument :
MSVOA_N
ClientSampleId :
HARRISONLP-SILICA

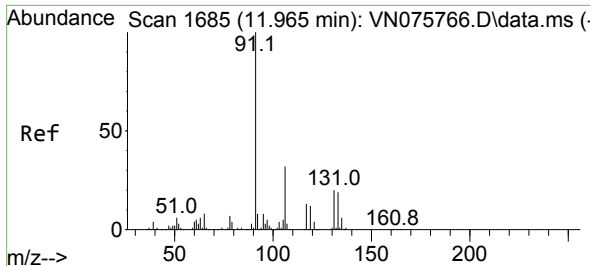
Tgt Ion: 95 Resp: 200376
Ion Ratio Lower Upper
95 100
174 86.0 0.0 171.6
176 83.2 0.0 169.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VN076162.D
Acq: 09 Jan 2023 17:40

Tgt Ion: 117 Resp: 463516
Ion Ratio Lower Upper
117 100
82 52.6 41.3 61.9
119 30.8 24.6 37.0

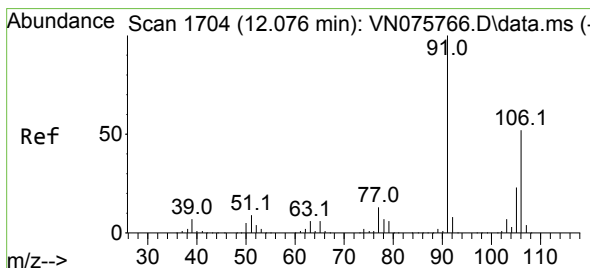
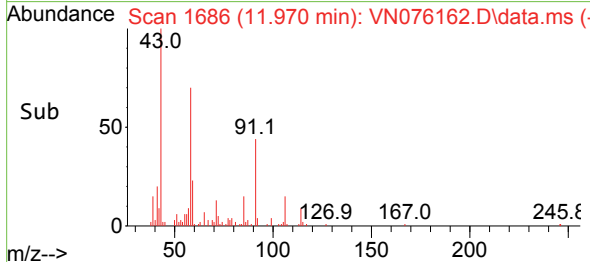
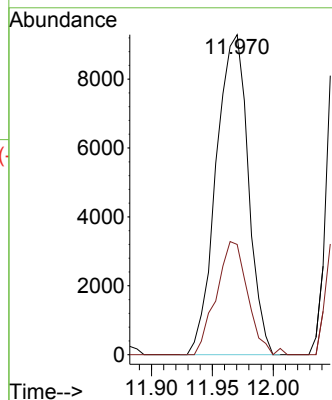
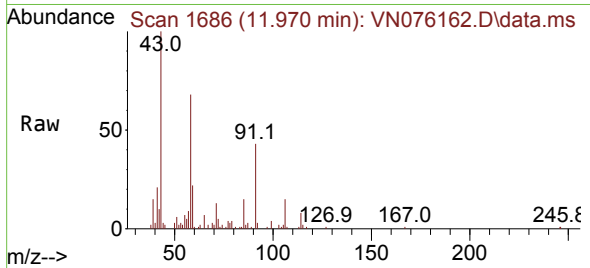




#67
Ethyl Benzene
Concen: 1.061 ug/l
RT: 11.970 min Scan# 1703
Delta R.T. 0.006 min
Lab File: VN076162.D
Acq: 09 Jan 2023 17:40

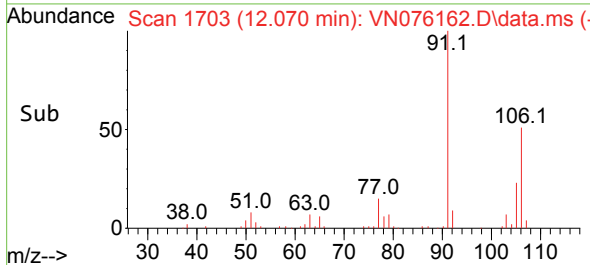
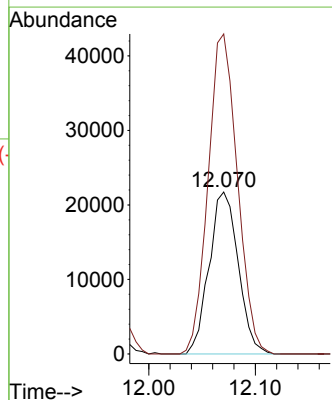
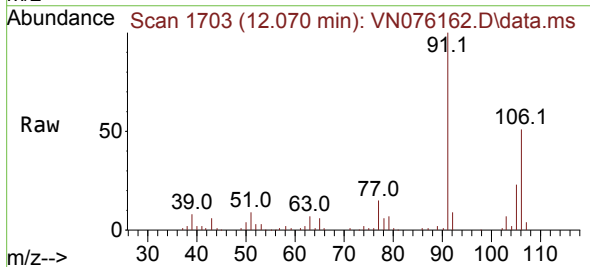
Instrument :
MSVOA_N
ClientSampleId :
HARRISONLP-SILICA

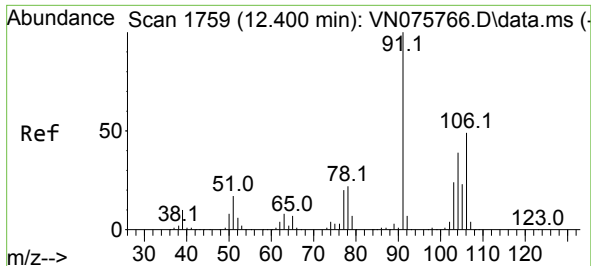
Tgt Ion: 91 Resp: 17041
Ion Ratio Lower Upper
91 100
106 34.5 25.7 38.5



#68
m/p-Xylenes
Concen: 6.495 ug/l
RT: 12.070 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VN076162.D
Acq: 09 Jan 2023 17:40

Tgt Ion:106 Resp: 41274
Ion Ratio Lower Upper
106 100
91 198.9 156.6 235.0

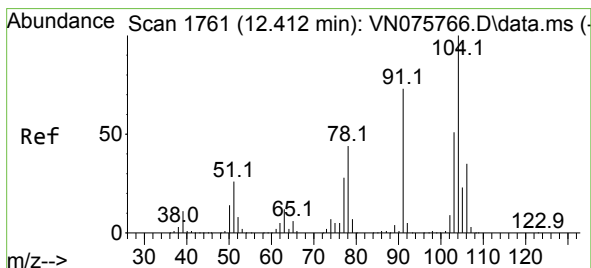
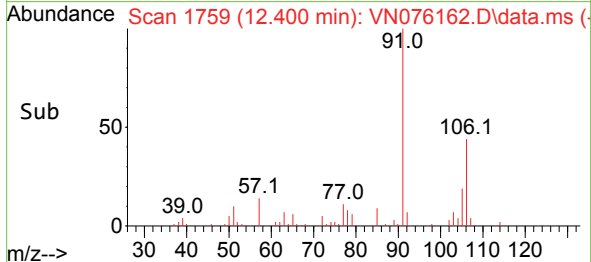
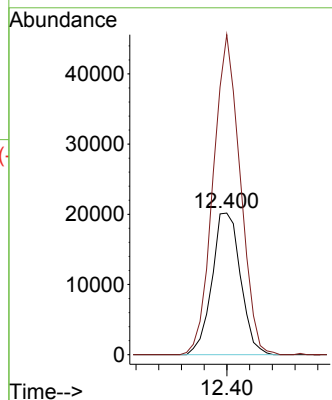
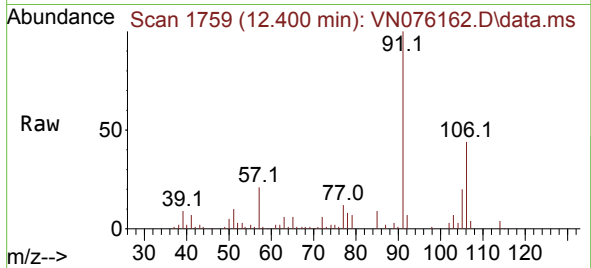




#69
o-Xylene
Concen: 5.587 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN076162.D
Acq: 09 Jan 2023 17:40

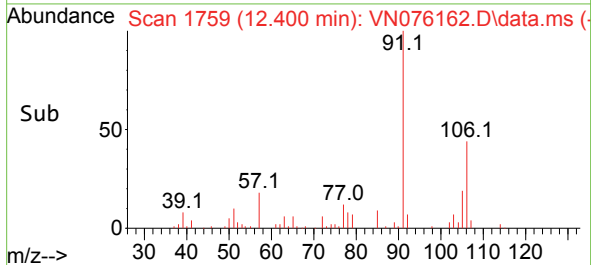
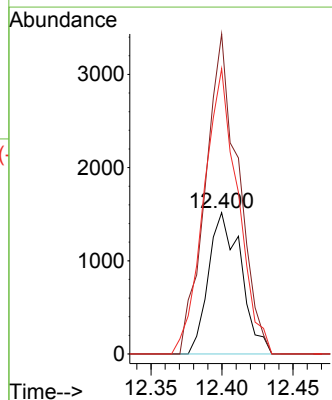
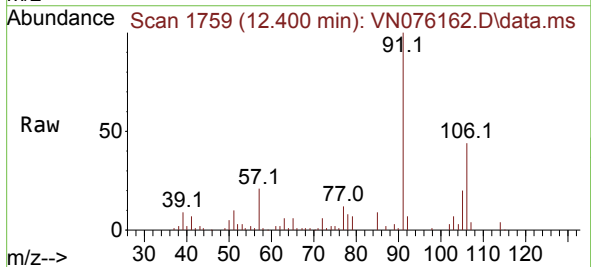
Instrument :
MSVOA_N
ClientSampleId :
HARRISONLP-SILICA

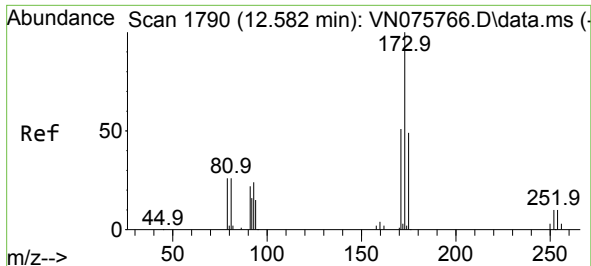
Tgt Ion:106 Resp: 35138
Ion Ratio Lower Upper
106 100
91 214.4 103.8 311.6



#70
Styrene
Concen: 0.242 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.012 min
Lab File: VN076162.D
Acq: 09 Jan 2023 17:40

Tgt Ion:104 Resp: 2419
Ion Ratio Lower Upper
104 100
78 227.9 37.5 56.3#
103 210.4 43.5 65.3#

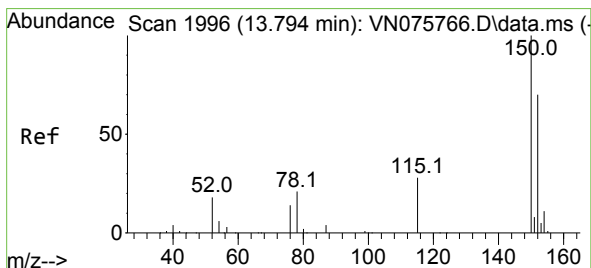
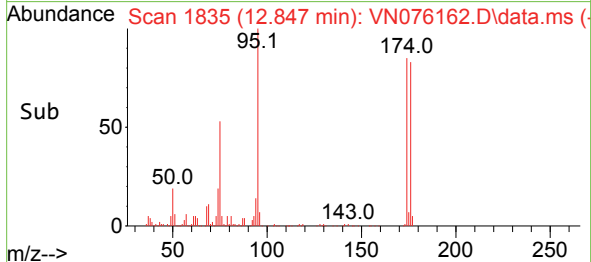
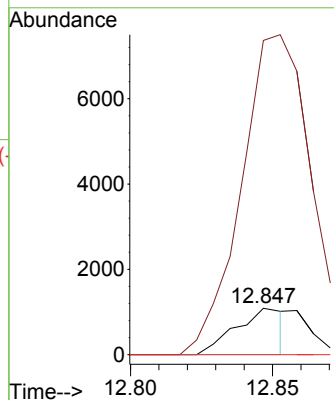
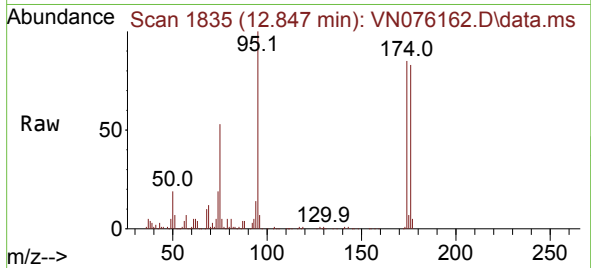




#71
Bromoform
Concen: 0.504 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.265 min
Lab File: VN076162.D
Acq: 09 Jan 2023 17:40

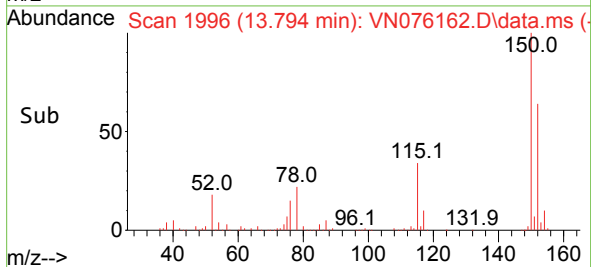
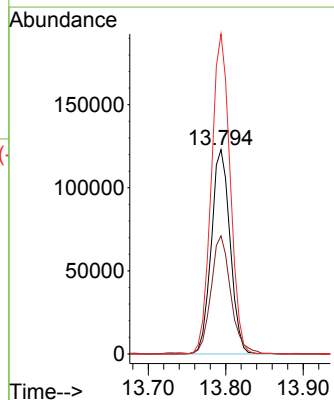
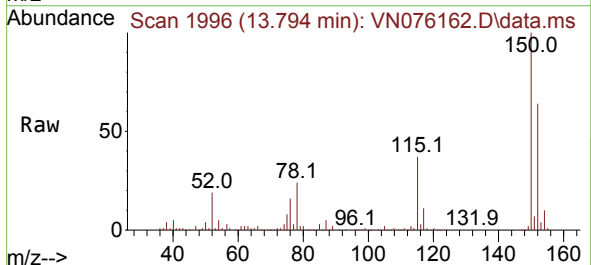
Instrument :
MSVOA_N
ClientSampleId :
HARRISONLP-SILICA

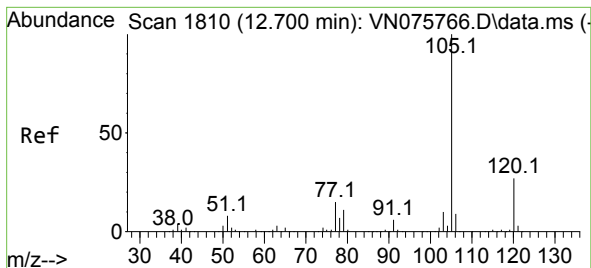
Tgt Ion:173 Resp: 1293
Ion Ratio Lower Upper
173 100
175 821.8 24.3 72.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN076162.D
Acq: 09 Jan 2023 17:40

Tgt Ion:152 Resp: 206901
Ion Ratio Lower Upper
152 100
115 60.5 29.1 87.4
150 156.7 0.0 347.0





#73

Isopropylbenzene

Concen: 0.622 ug/l

RT: 12.700 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN076162.D

Acq: 09 Jan 2023 17:40

Instrument :

MSVOA_N

ClientSampleId :

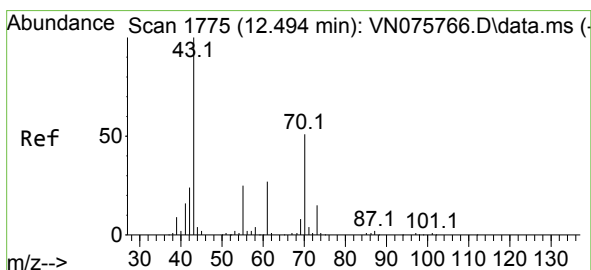
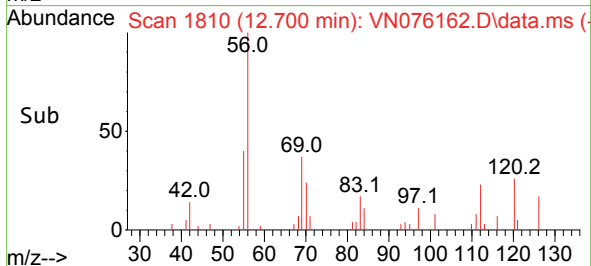
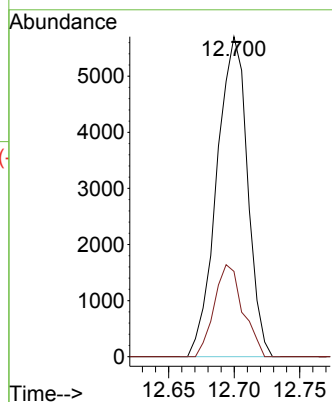
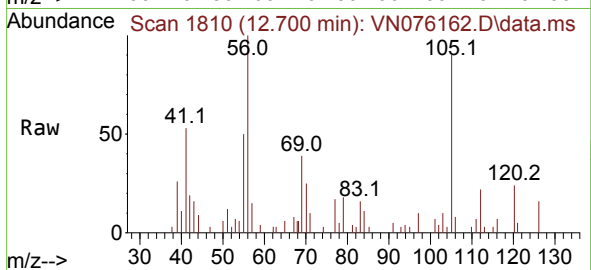
HARRISONLP-SILICA

Tgt Ion:105 Resp: 9299

Ion Ratio Lower Upper

105 100

120 26.8 13.4 40.2



#74

N-ethyl acetate

Concen: 16.229 ug/l

RT: 12.459 min Scan# 1769

Delta R.T. -0.035 min

Lab File: VN076162.D

Acq: 09 Jan 2023 17:40

Tgt Ion: 43 Resp: 71183

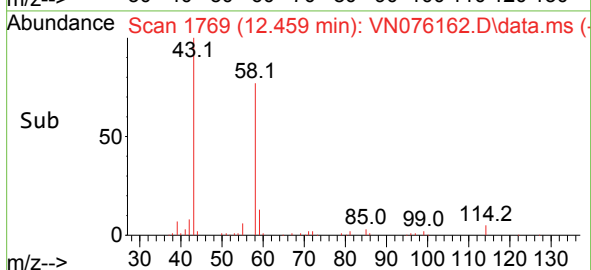
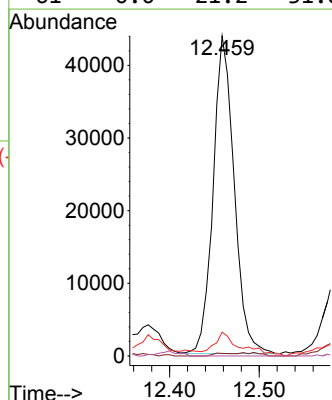
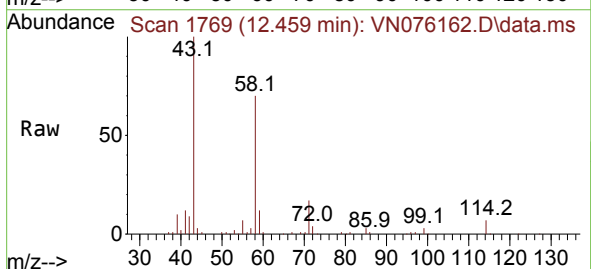
Ion Ratio Lower Upper

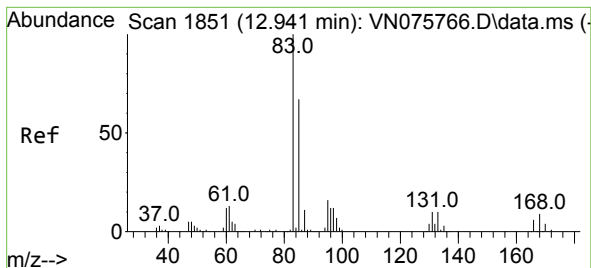
43 100

70 0.8 41.4 62.0#

55 9.2 21.3 31.9#

61 0.0 21.2 31.8#





#75

1,1,2,2-Tetrachloroethane

Concen: 0.302 ug/l

RT: 12.953 min Scan# 1853

Delta R.T. 0.012 min

Lab File: VN076162.D

Acq: 09 Jan 2023 17:40

Instrument :

MSVOA_N

ClientSampleId :

HARRISONLP-SILICA

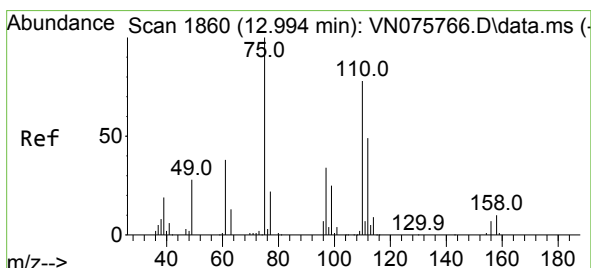
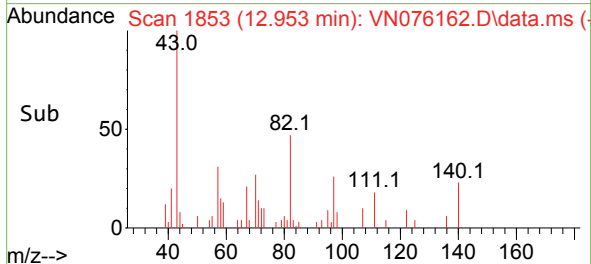
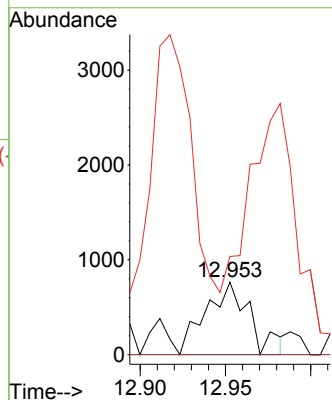
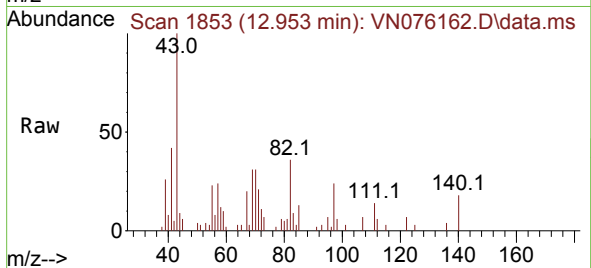
Tgt Ion: 83 Resp: 1397

Ion Ratio Lower Upper

83 100

131 0.0 5.6 16.8#

85 0.0 32.6 98.0#



#76

1,2,3-Trichloropropane

Concen: 24.989 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. -0.141 min

Lab File: VN076162.D

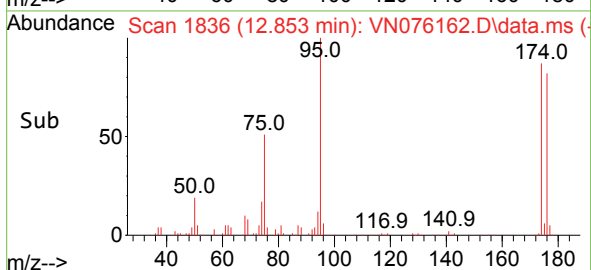
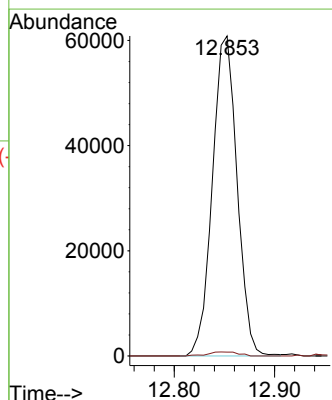
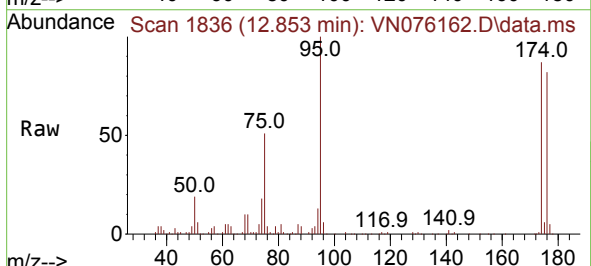
Acq: 09 Jan 2023 17:40

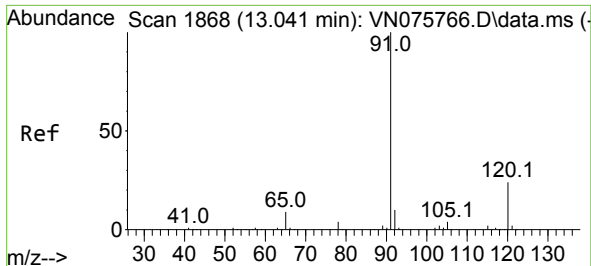
Tgt Ion: 75 Resp: 104220

Ion Ratio Lower Upper

75 100

77 1.6 82.6 247.8#

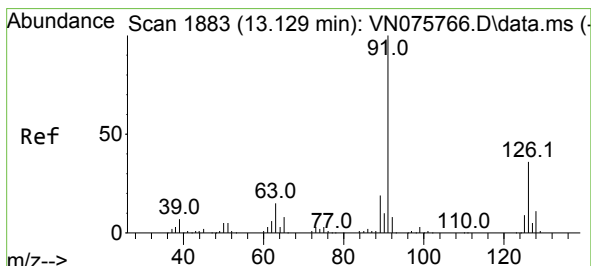
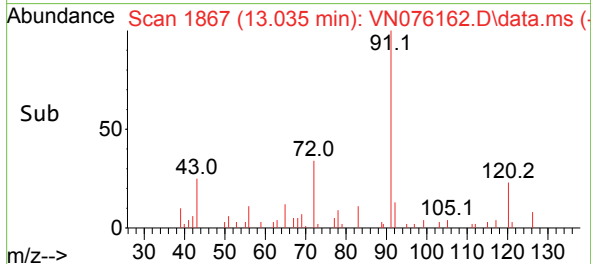
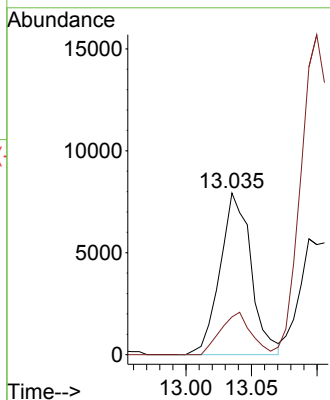
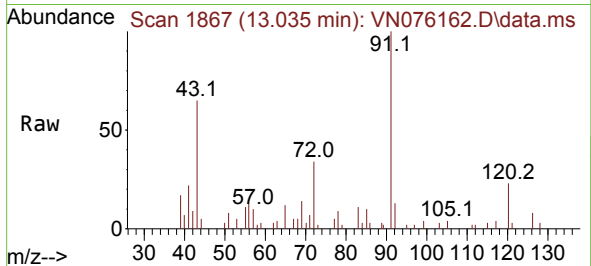




#78
n-propylbenzene
Concen: 0.792 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VN076162.D
Acq: 09 Jan 2023 17:40

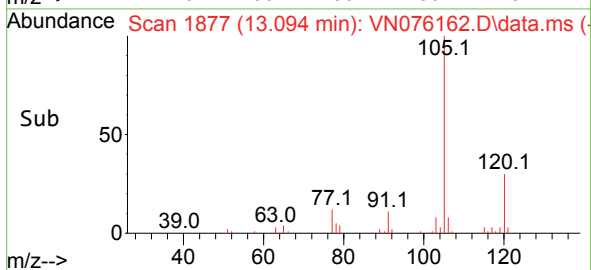
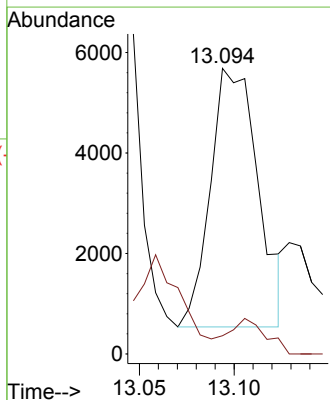
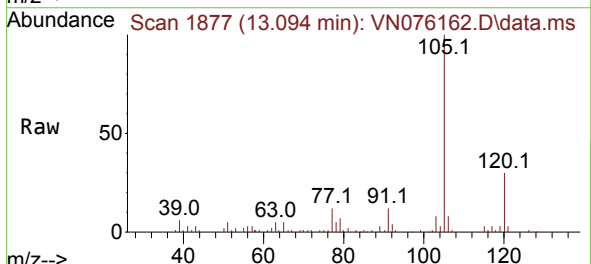
Instrument :
MSVOA_N
ClientSampleId :
HARRISONLP-SILICA

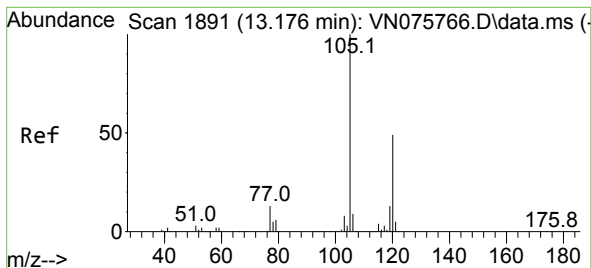
Tgt Ion: 91 Resp: 13058
Ion Ratio Lower Upper
91 100
120 25.6 12.0 36.1



#79
2-Chlorotoluene
Concen: 0.875 ug/l
RT: 13.094 min Scan# 1877
Delta R.T. -0.035 min
Lab File: VN076162.D
Acq: 09 Jan 2023 17:40

Tgt Ion: 91 Resp: 9012
Ion Ratio Lower Upper
91 100
126 10.7 17.5 52.5#





#80

1,3,5-Trimethylbenzene

Concen: 7.198 ug/l

RT: 13.176 min Scan# 1891

Delta R.T. -0.000 min

Lab File: VN076162.D

Acq: 09 Jan 2023 17:40

Instrument :

MSVOA_N

ClientSampleId :

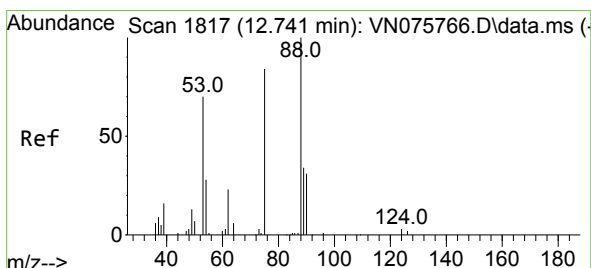
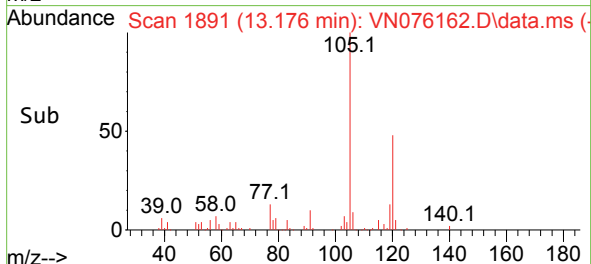
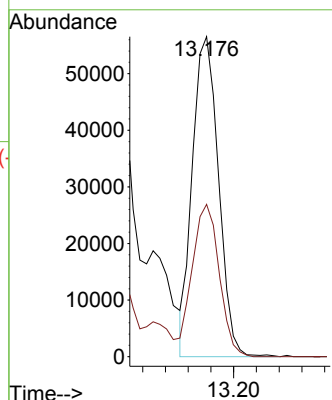
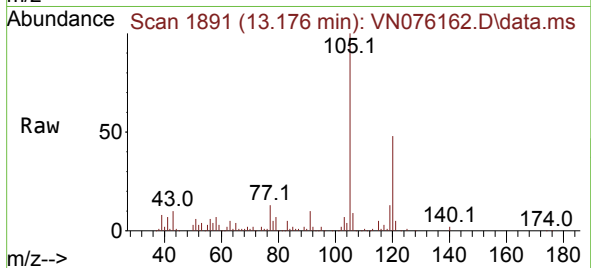
HARRISONLP-SILICA

Tgt Ion:105 Resp: 90068

Ion Ratio Lower Upper

105 100

120 50.1 24.7 74.1



#81

trans-1,4-Dichloro-2-butene

Concen: 89.948 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. 0.112 min

Lab File: VN076162.D

Acq: 09 Jan 2023 17:40

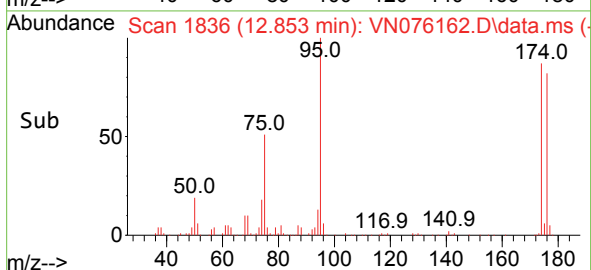
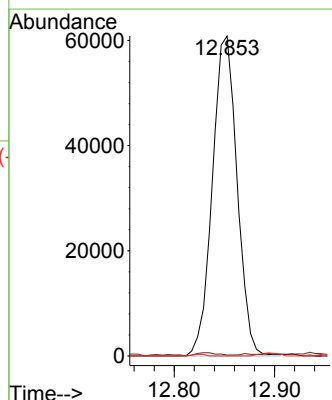
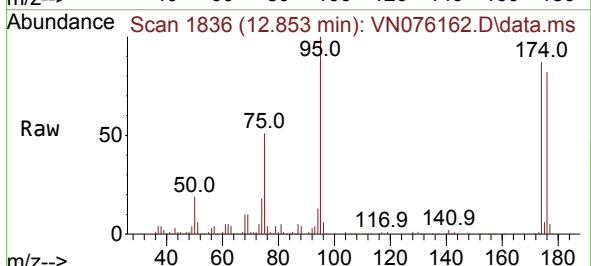
Tgt Ion: 75 Resp: 104220

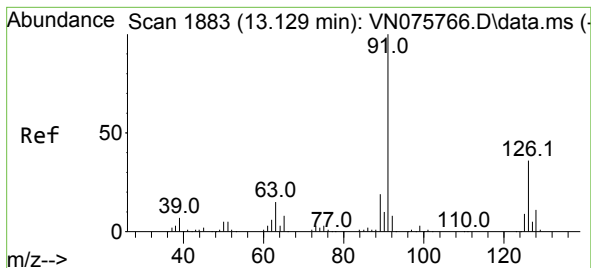
Ion Ratio Lower Upper

75 100

53 0.2 73.8 110.6#

89 0.0 39.5 59.3#

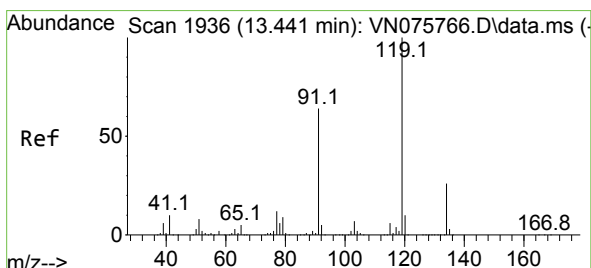
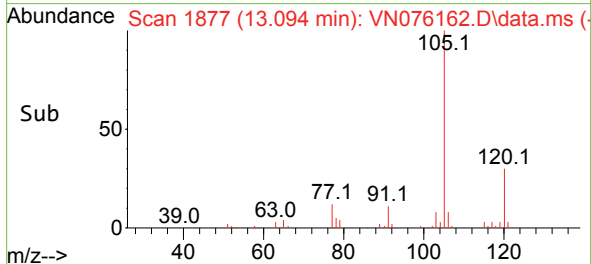
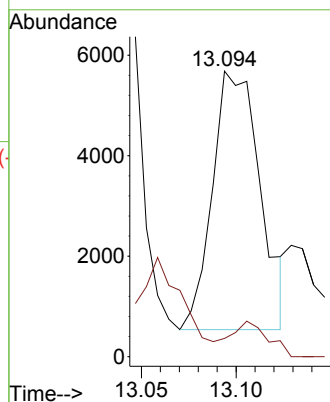
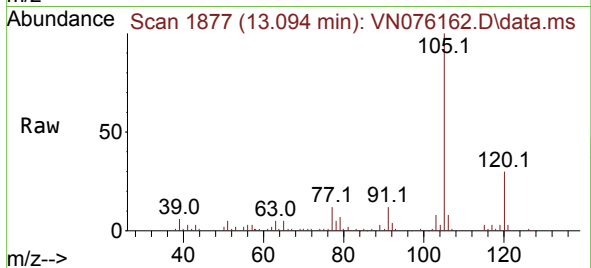




#82
4-Chlorotoluene
Concen: 0.875 ug/l
RT: 13.094 min Scan# 11
Delta R.T. -0.035 min
Lab File: VN076162.D
Acq: 09 Jan 2023 17:40

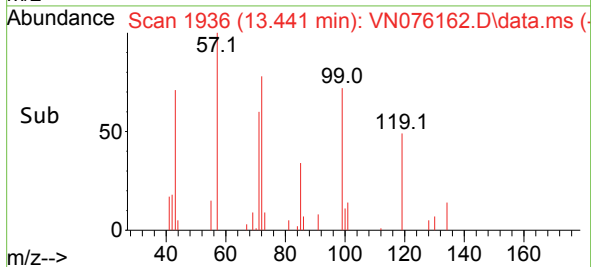
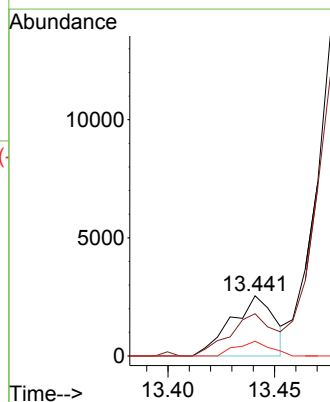
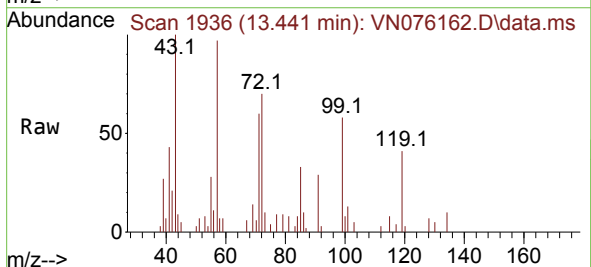
Instrument :
MSVOA_N
ClientSampleId :
HARRISONLP-SILICA

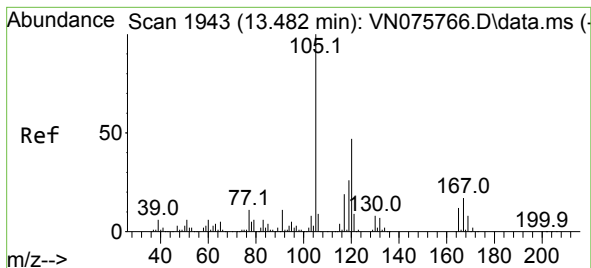
Tgt Ion: 91 Resp: 9012
Ion Ratio Lower Upper
91 100
126 10.7 17.5 52.5#



#83
tert-Butylbenzene
Concen: 0.327 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. -0.000 min
Lab File: VN076162.D
Acq: 09 Jan 2023 17:40

Tgt Ion: 119 Resp: 3607
Ion Ratio Lower Upper
119 100
91 71.5 31.9 95.5
134 19.2 13.8 41.4





#84

1,2,4-Trimethylbenzene

Concen: 19.249 ug/l

RT: 13.482 min Scan# 1943

Delta R.T. -0.000 min

Lab File: VN076162.D

Acq: 09 Jan 2023 17:40

Instrument :

MSVOA_N

ClientSampleId :

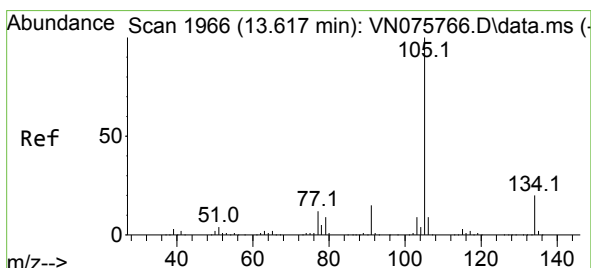
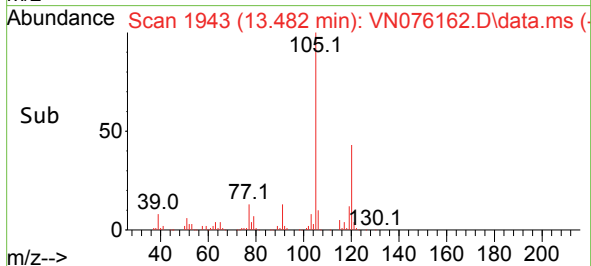
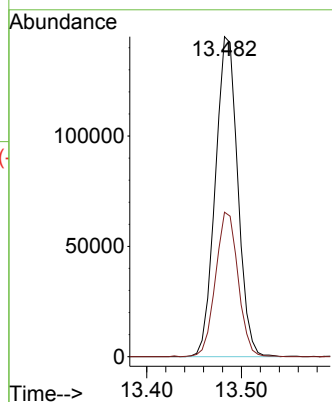
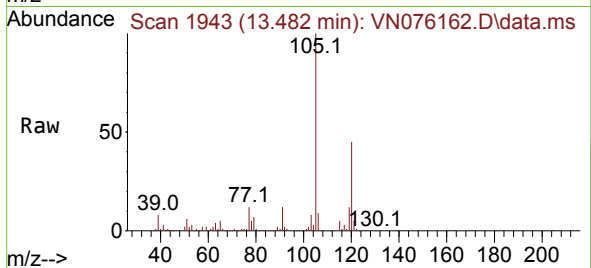
HARRISONLP-SILICA

Tgt Ion:105 Resp: 238962

Ion Ratio Lower Upper

105 100

120 45.4 23.3 69.8



#85

sec-Butylbenzene

Concen: 15.692 ug/l

RT: 13.482 min Scan# 1943

Delta R.T. -0.135 min

Lab File: VN076162.D

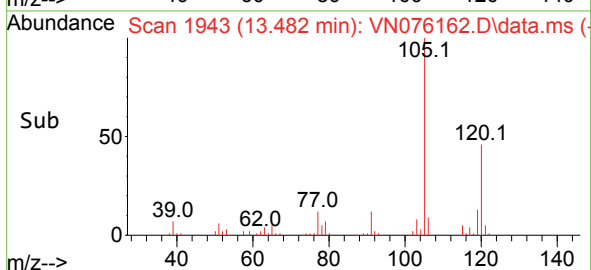
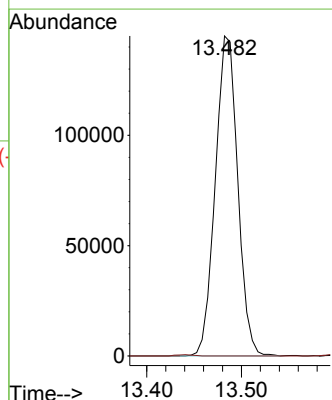
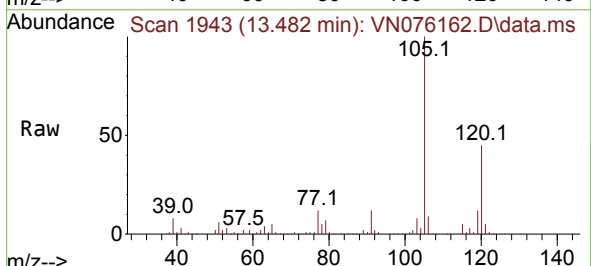
Acq: 09 Jan 2023 17:40

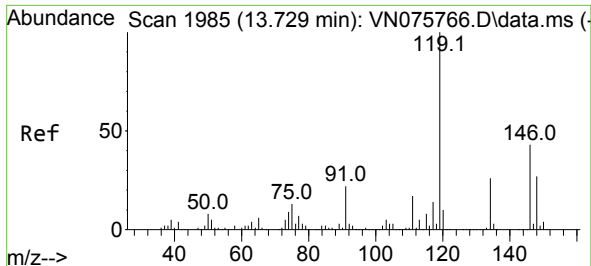
Tgt Ion:105 Resp: 238962

Ion Ratio Lower Upper

105 100

134 0.0 10.1 30.1#

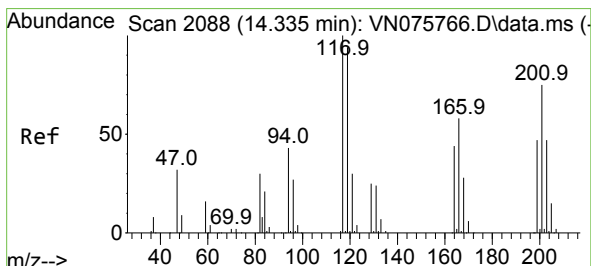
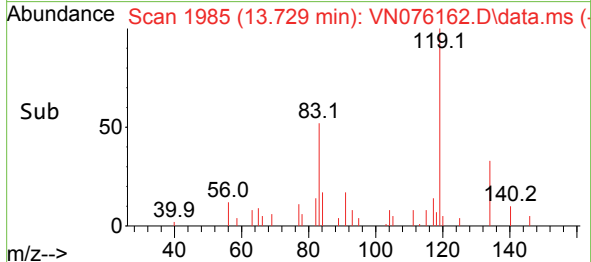
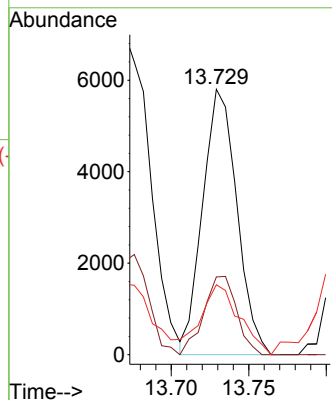
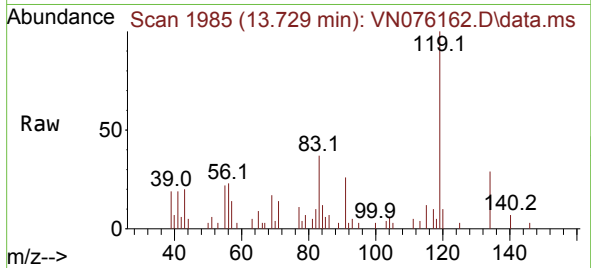




#86
p-Isopropyltoluene
Concen: 0.704 ug/l
RT: 13.729 min Scan# 1985
Delta R.T. -0.000 min
Lab File: VN076162.D
Acq: 09 Jan 2023 17:40

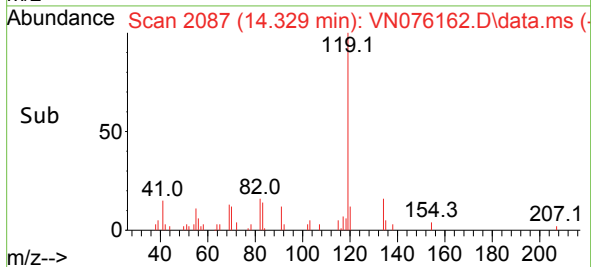
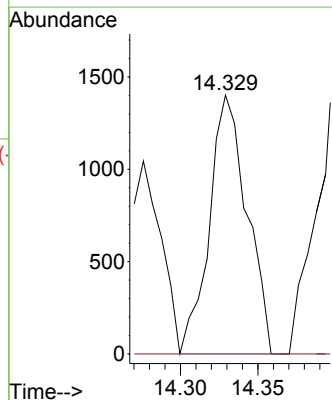
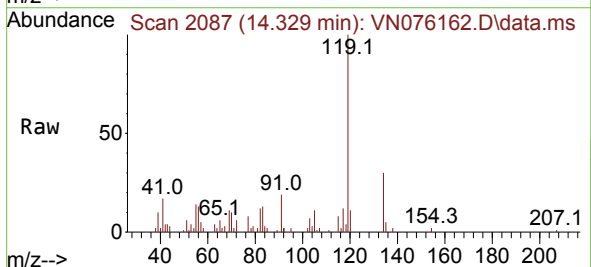
Instrument :
MSVOA_N
ClientSampleId :
HARRISONLP-SILICA

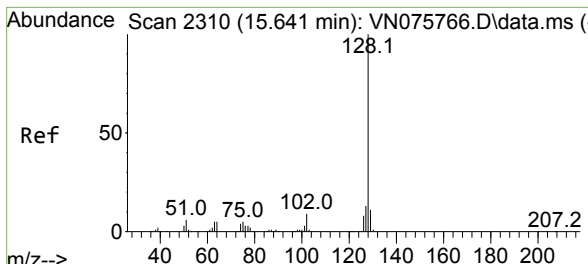
Tgt Ion:119 Resp: 8920
Ion Ratio Lower Upper
119 100
134 28.3 13.0 39.0
91 29.5 11.2 33.6



#90
Hexachloroethane
Concen: 1.041 ug/l
RT: 14.329 min Scan# 2087
Delta R.T. -0.006 min
Lab File: VN076162.D
Acq: 09 Jan 2023 17:40

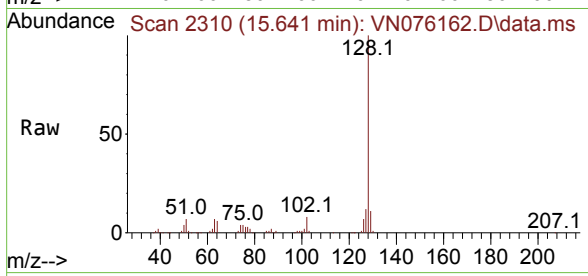
Tgt Ion:117 Resp: 2359
Ion Ratio Lower Upper
117 100
201 0.0 38.0 114.1#





#95
 Naphthalene
 Concen: 22.310 ug/l
 RT: 15.641 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN076162.D
 Acq: 09 Jan 2023 17:40

Instrument :
 MSVOA_N
 ClientSampleId :
 HARRISONLP-SILICA



Tgt Ion:	128	Resp:	237015
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.4	15.6
129	11.3	8.7	13.1

