

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010623\
 Data File : VX033643.D
 Acq On : 06 Jan 2023 20:03
 Operator : JC/MD
 Sample : 01042-06 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 HARRISONLP-SILICA

Quant Time: Jan 07 04:30:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X010423W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 05 04:43:25 2023
 Response via : Initial Calibration

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

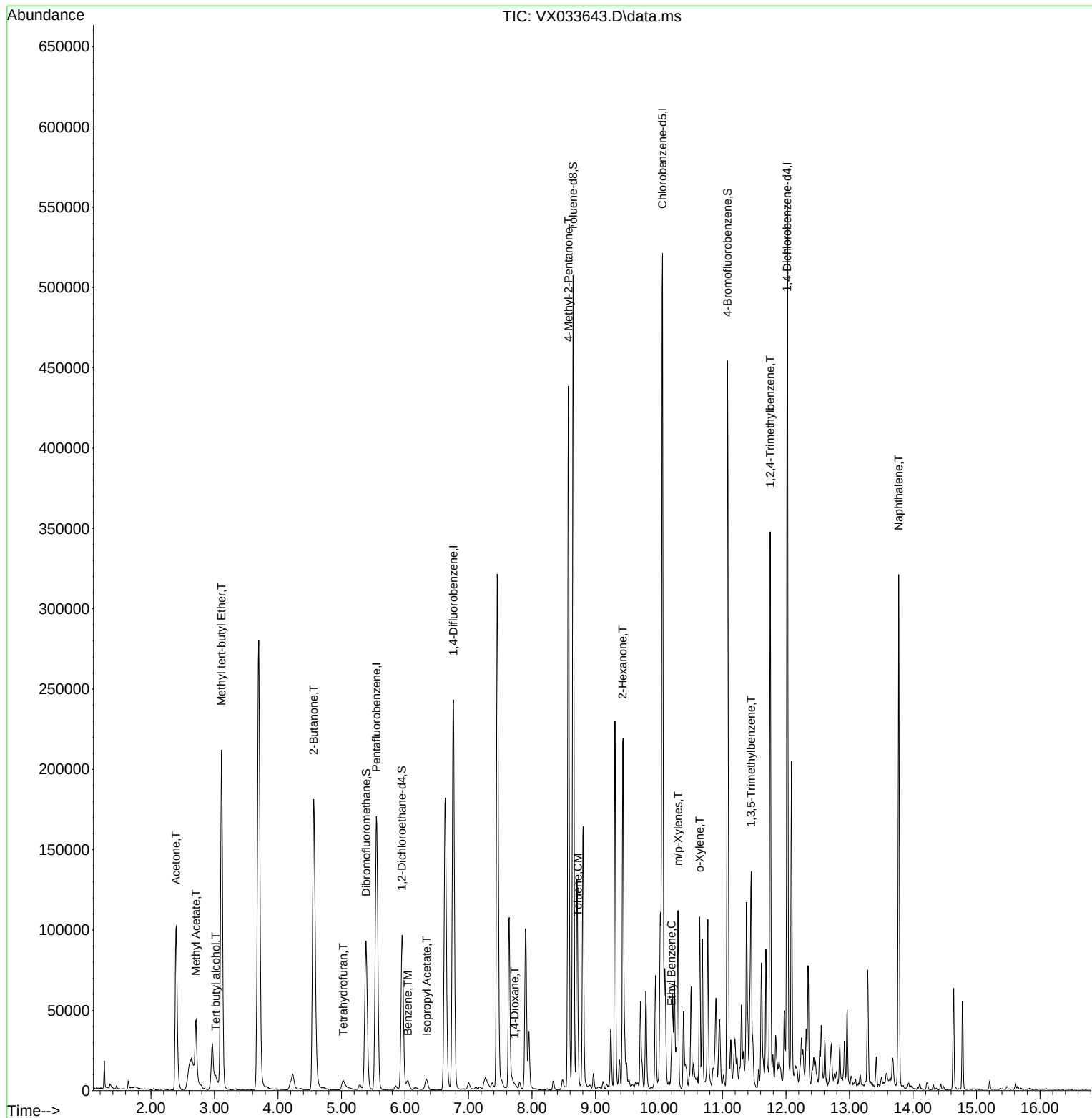
Internal Standards						
1) Pentafluorobenzene	5.550	168	177377	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	258902	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	230610	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	118487	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	95469	47.678	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	95.360%
35) Dibromofluoromethane	5.385	113	80603	47.365	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.740%
50) Toluene-d8	8.647	98	301443	49.560	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.120%
62) 4-Bromofluorobenzene	11.079	95	110232	51.129	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.260%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.020	59	25692	78.106	ug/l #	80
16) Acetone	2.392	43	150371	219.056	ug/l	98
18) Methyl Acetate	2.709	43	48538	17.489	ug/l	95
19) Methyl tert-butyl Ether	3.111	73	224737	43.152	ug/l	99
25) 2-Butanone	4.562	43	342338	261.844	ug/l	100
29) Tetrahydrofuran	5.026	42	6580	7.935	ug/l	98
40) Benzene	6.044	78	6913	1.026	ug/l	100
43) Isopropyl Acetate	6.342	43	5924	1.503	ug/l #	91
49) 1,4-Dioxane	7.726	88	4637m	109.279	ug/l	
51) 4-Methyl-2-Pentanone	8.574	43	261739	104.929	ug/l	100
52) Toluene	8.720	92	7478	1.688	ug/l	97
59) 2-Hexanone	9.427	43	124651	67.646	ug/l	98
67) Ethyl Benzene	10.195	91	9490	1.152	ug/l	98
68) m/p-Xylenes	10.299	106	24031	7.475	ug/l	100
69) o-Xylene	10.640	106	19560	6.137	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	51895	7.533	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	137212	19.849	ug/l	99
95) Naphthalene	13.774	128	191209	24.623	ug/l	99

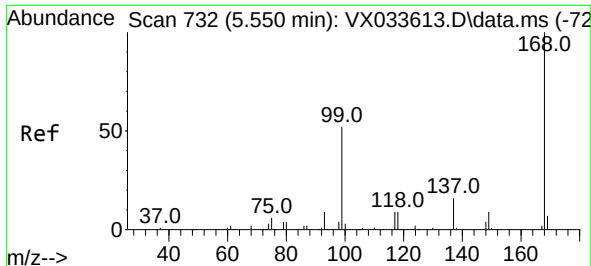
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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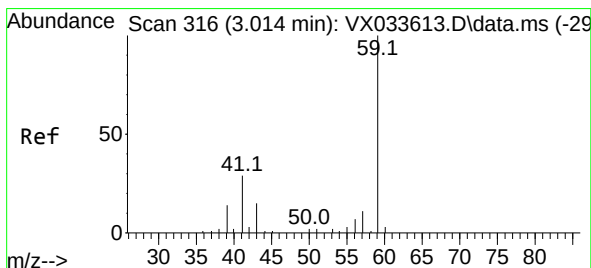
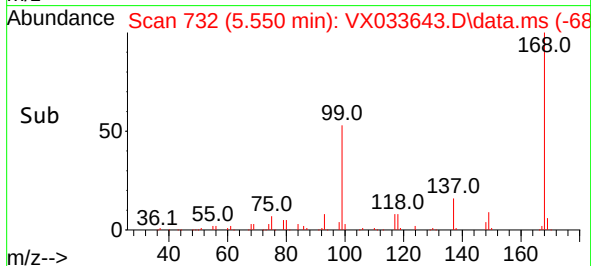
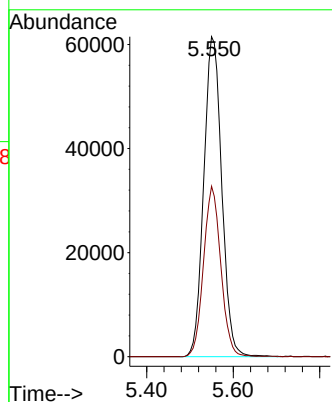
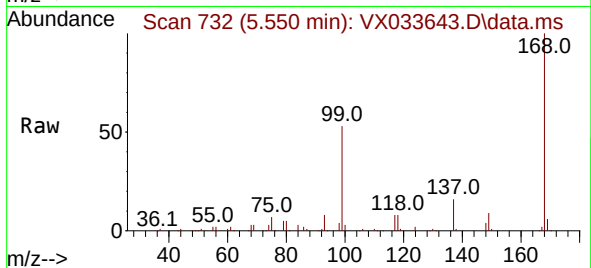




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033643.D
Acq: 06 Jan 2023 20:03

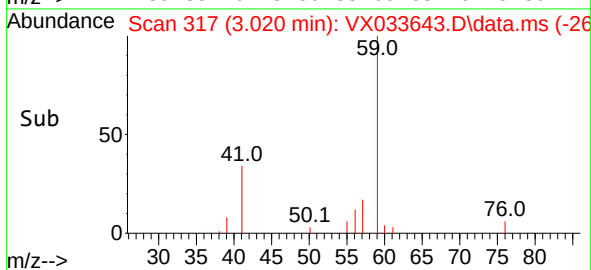
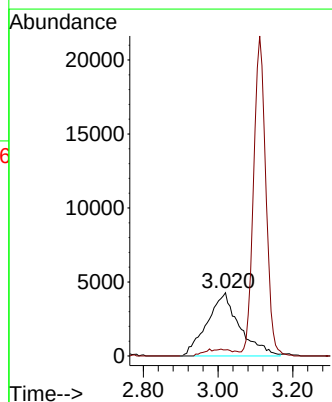
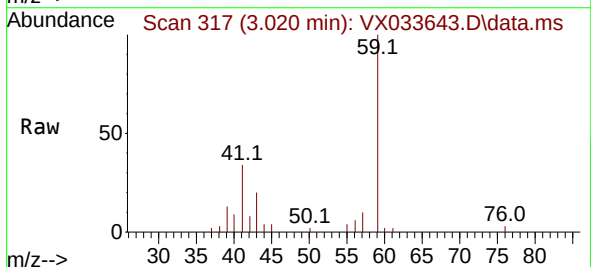
Instrument :
MSVOA_X
ClientSampleId :
HARRISONLP-SILICA

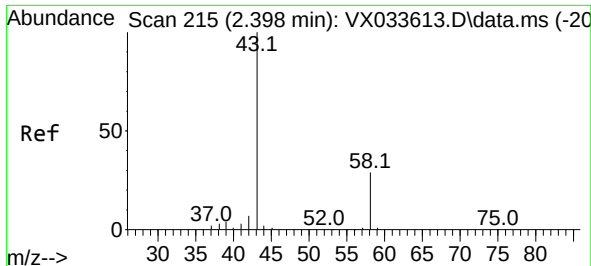
Tgt Ion:168 Resp: 177377
Ion Ratio Lower Upper
168 100
99 53.2 41.4 62.2



#11
Tert butyl alcohol
Concen: 78.106 ug/l
RT: 3.020 min Scan# 317
Delta R.T. 0.006 min
Lab File: VX033643.D
Acq: 06 Jan 2023 20:03

Tgt Ion: 59 Resp: 25692
Ion Ratio Lower Upper
59 100
57 0.0 5.5 8.3#

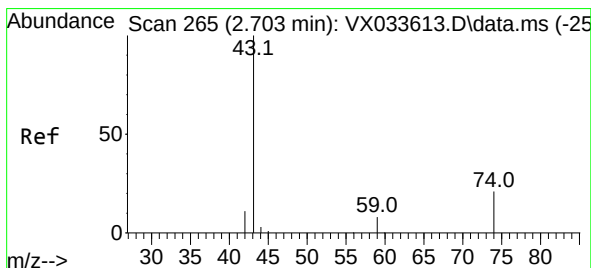
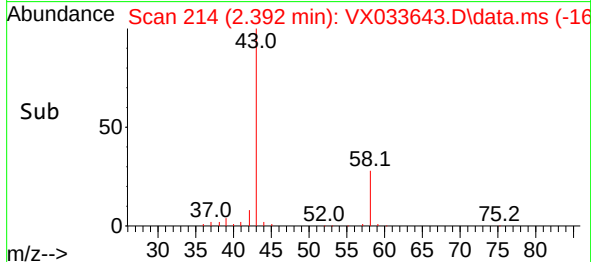
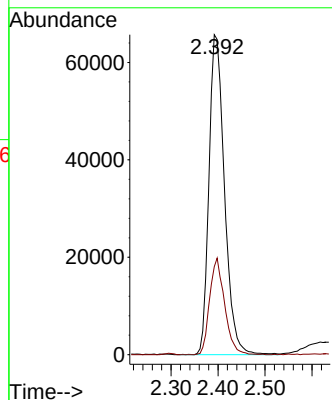
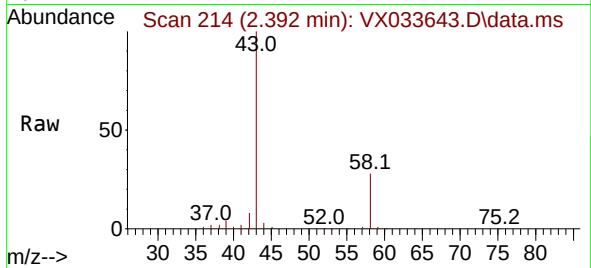




#16
Acetone
Concen: 219.056 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX033643.D
Acq: 06 Jan 2023 20:03

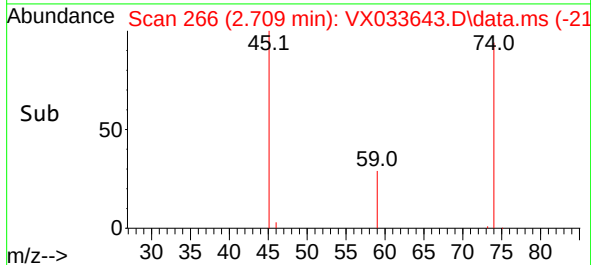
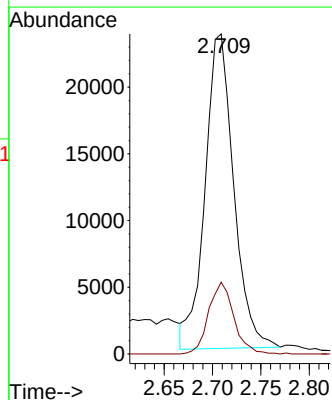
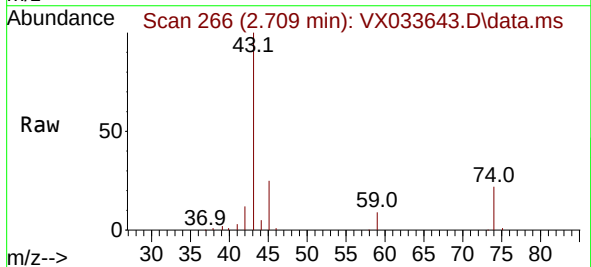
Instrument :
MSVOA_X
ClientSampleId :
HARRISONLP-SILICA

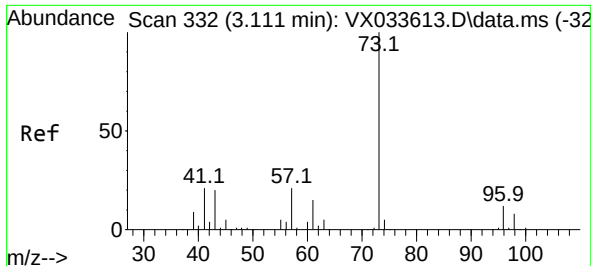
Tgt Ion: 43 Resp: 150371
Ion Ratio Lower Upper
43 100
58 27.5 22.9 34.3



#18
Methyl Acetate
Concen: 17.489 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX033643.D
Acq: 06 Jan 2023 20:03

Tgt Ion: 43 Resp: 48538
Ion Ratio Lower Upper
43 100
74 20.1 17.9 26.9

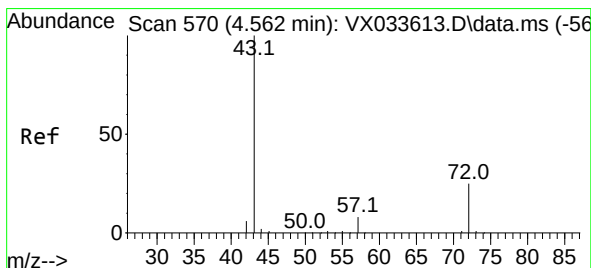
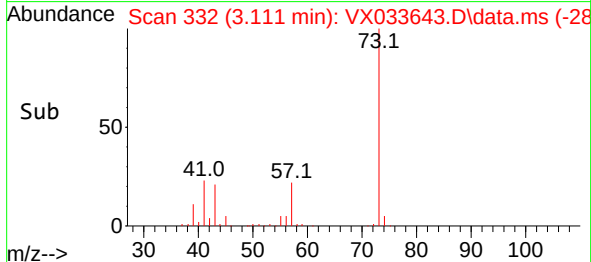
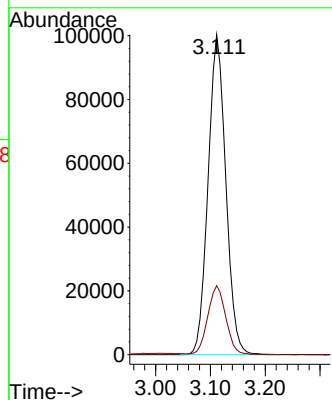
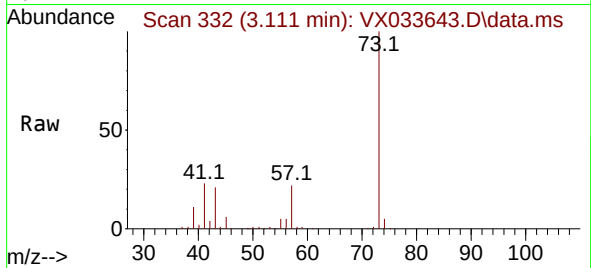




#19
Methyl tert-butyl Ether
Concen: 43.152 ug/l
RT: 3.111 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX033643.D
Acq: 06 Jan 2023 20:03

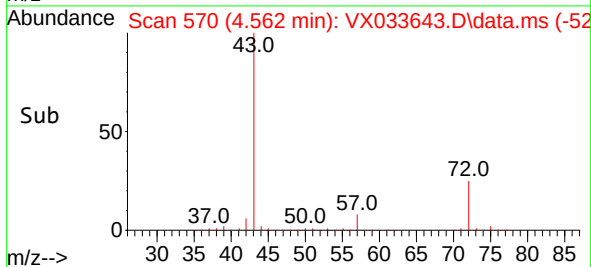
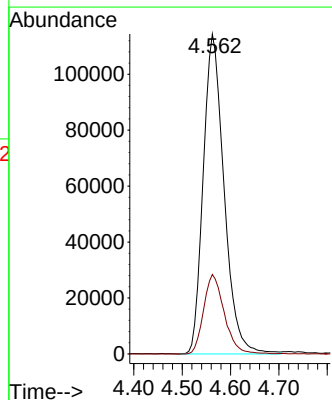
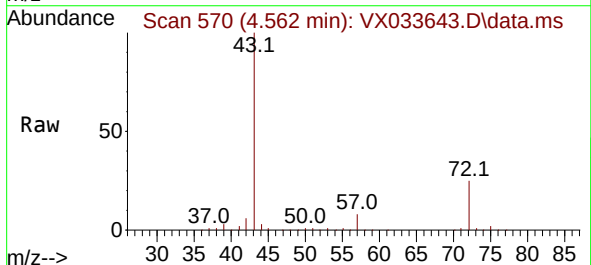
Instrument :
MSVOA_X
ClientSampleId :
HARRISONLP-SILICA

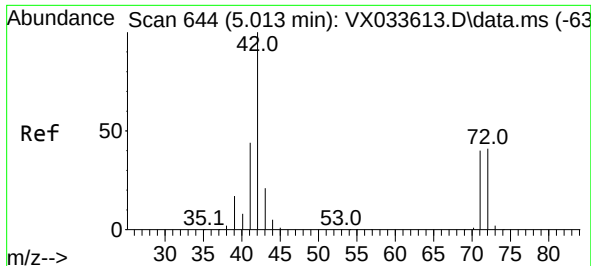
Tgt Ion: 73 Resp: 224737
Ion Ratio Lower Upper
73 100
57 21.6 17.4 26.2



#25
2-Butanone
Concen: 261.844 ug/l
RT: 4.562 min Scan# 570
Delta R.T. 0.000 min
Lab File: VX033643.D
Acq: 06 Jan 2023 20:03

Tgt Ion: 43 Resp: 342338
Ion Ratio Lower Upper
43 100
72 24.9 19.8 29.6





#29

Tetrahydrofuran

Concen: 7.935 ug/l

RT: 5.026 min Scan# 644

Delta R.T. 0.012 min

Lab File: VX033643.D

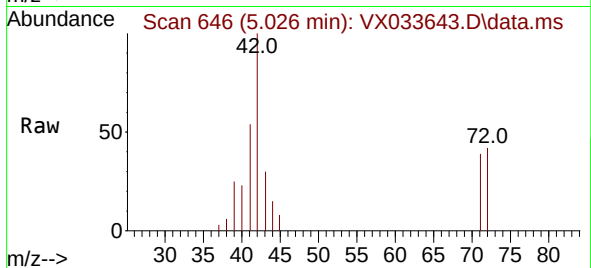
Acq: 06 Jan 2023 20:03

Instrument :

MSVOA_X

ClientSampleId :

HARRISONLP-SILICA



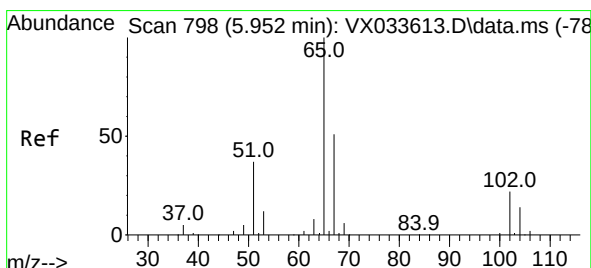
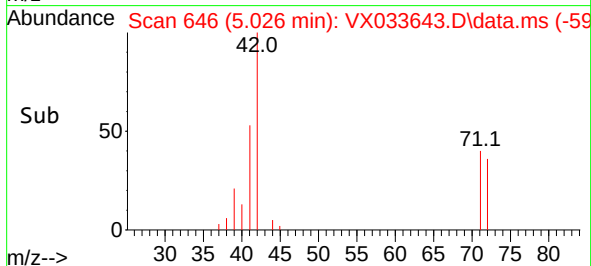
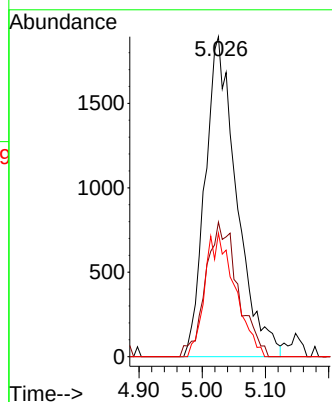
Tgt Ion: 42 Resp: 6580

Ion Ratio Lower Upper

42 100

72 42.8 34.2 51.4

71 36.8 31.4 47.0



#33

1,2-Dichloroethane-d4

Concen: 47.678 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX033643.D

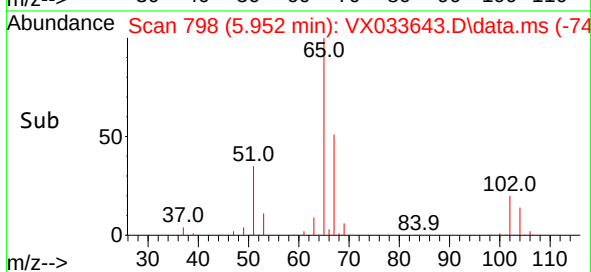
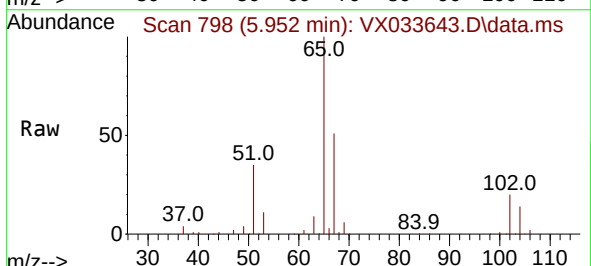
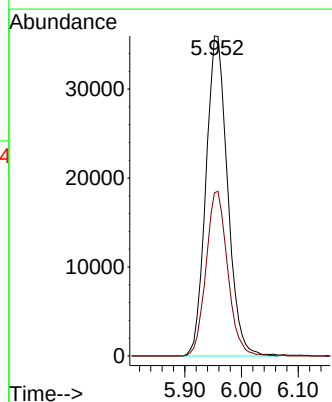
Acq: 06 Jan 2023 20:03

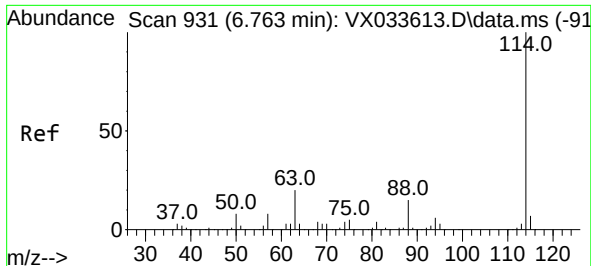
Tgt Ion: 65 Resp: 95469

Ion Ratio Lower Upper

65 100

67 51.3 0.0 104.8

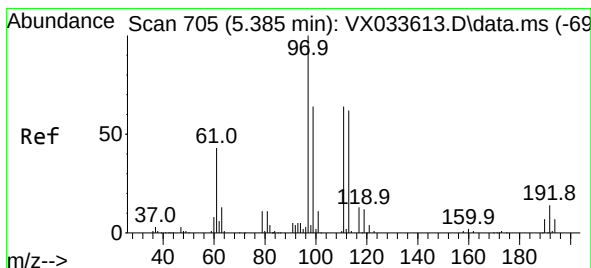
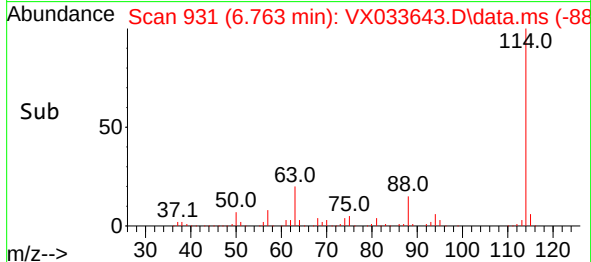
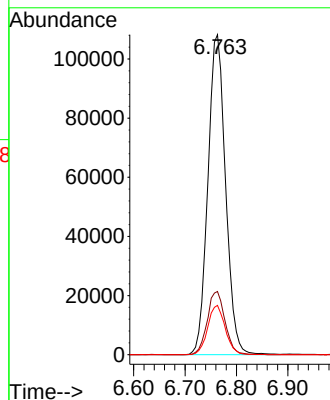
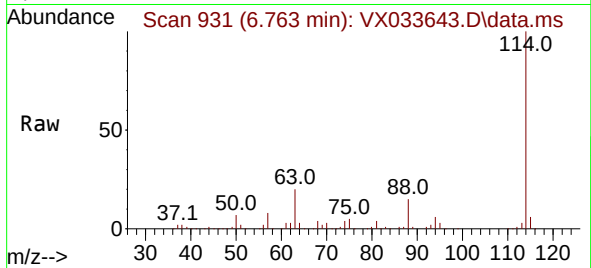




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX033643.D
Acq: 06 Jan 2023 20:03

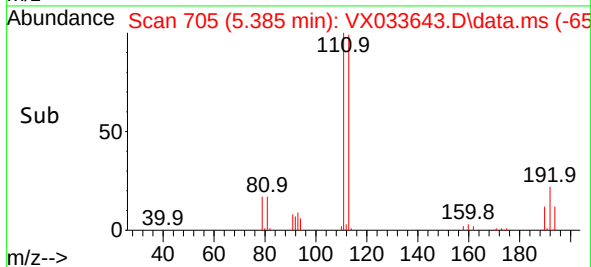
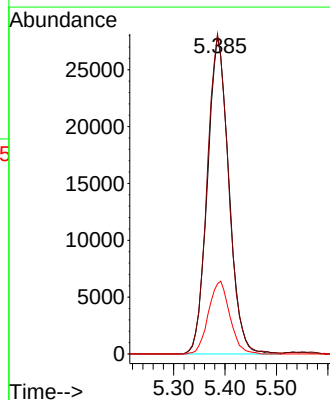
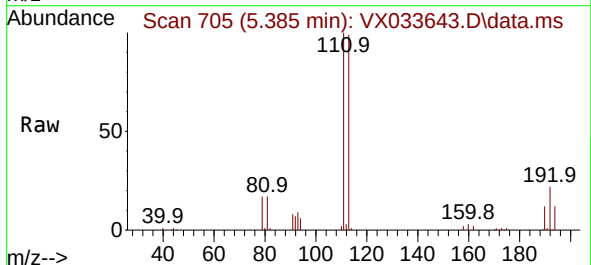
Instrument :
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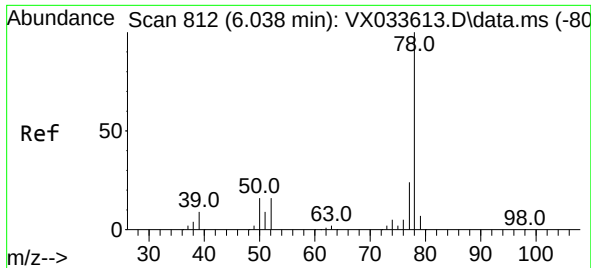
Tgt Ion:114 Resp: 258902
Ion Ratio Lower Upper
114 100
63 19.7 0.0 40.0
88 15.4 0.0 29.6



#35
Dibromofluoromethane
Concen: 47.365 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX033643.D
Acq: 06 Jan 2023 20:03

Tgt Ion:113 Resp: 80603
Ion Ratio Lower Upper
113 100
111 101.0 81.2 121.8
192 22.8 18.2 27.2





#40

Benzene

Concen: 1.026 ug/l

RT: 6.044 min Scan# 812

Delta R.T. 0.006 min

Lab File: VX033643.D

Acq: 06 Jan 2023 20:03

Instrument :

MSVOA_X

ClientSampleId :

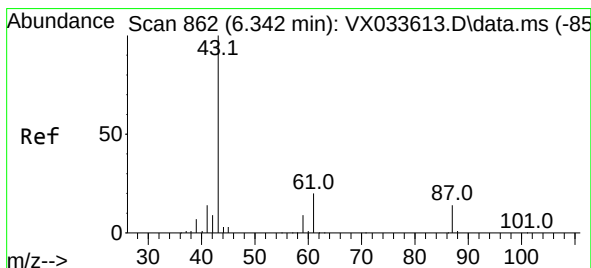
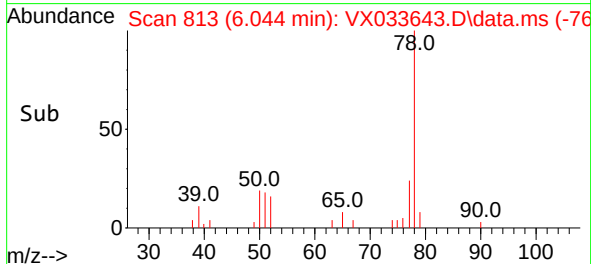
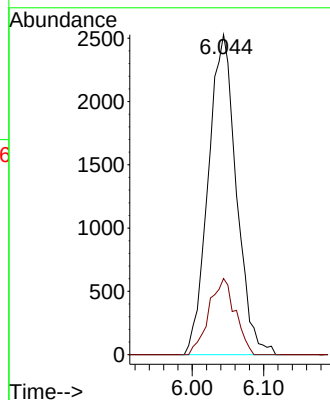
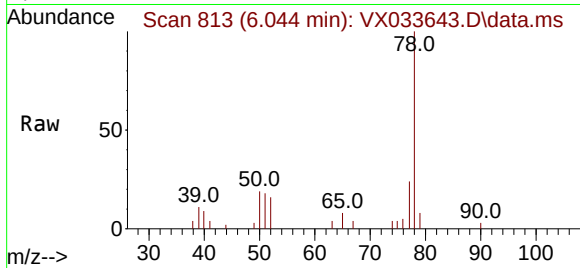
HARRISONLP-SILICA

Tgt Ion: 78 Resp: 6913

Ion Ratio Lower Upper

78 100

77 23.8 19.0 28.6



#43

Isopropyl Acetate

Concen: 1.503 ug/l

RT: 6.342 min Scan# 862

Delta R.T. 0.000 min

Lab File: VX033643.D

Acq: 06 Jan 2023 20:03

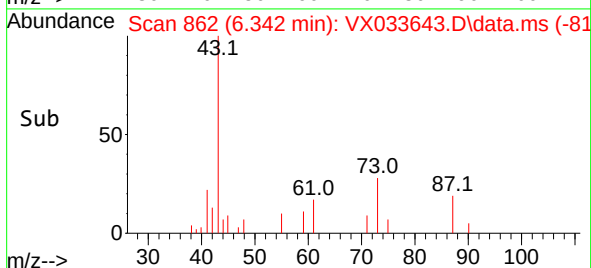
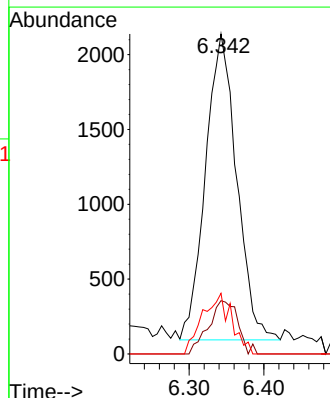
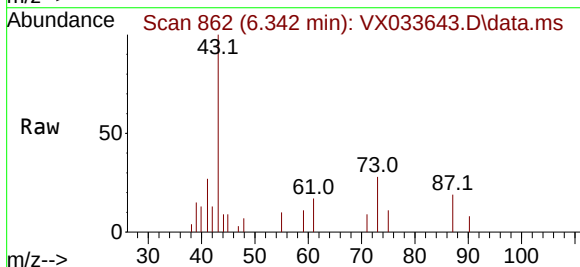
Tgt Ion: 43 Resp: 5924

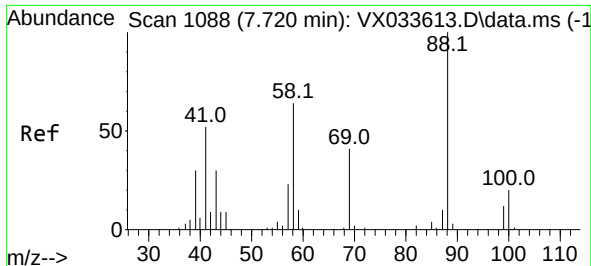
Ion Ratio Lower Upper

43 100

61 16.4 15.2 22.8

87 18.5 10.6 16.0#





#49

1,4-Dioxane

Concen: 109.279 ug/l m

RT: 7.726 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX033643.D

Acq: 06 Jan 2023 20:03

Instrument :

MSVOA_X

ClientSampleId :

HARRISONLP-SILICA

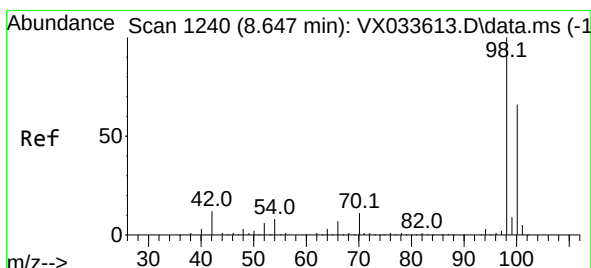
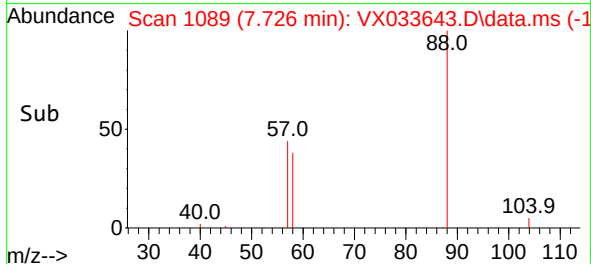
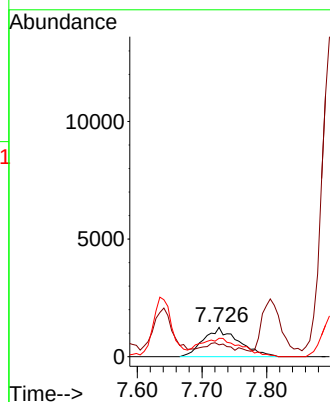
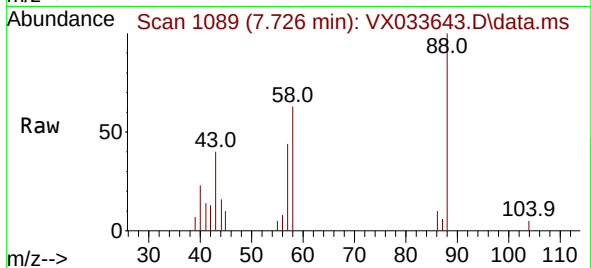
Tgt Ion: 88 Resp: 4637

Ion Ratio Lower Upper

88 100

43 0.0 24.1 36.1#

58 0.0 57.1 85.7#



#50

Toluene-d8

Concen: 49.560 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX033643.D

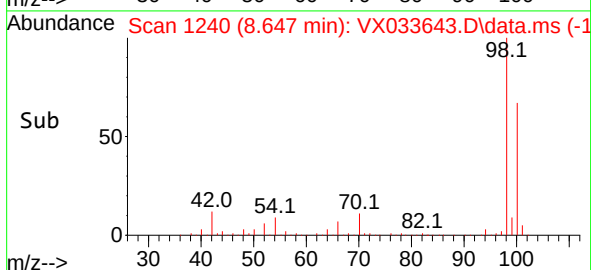
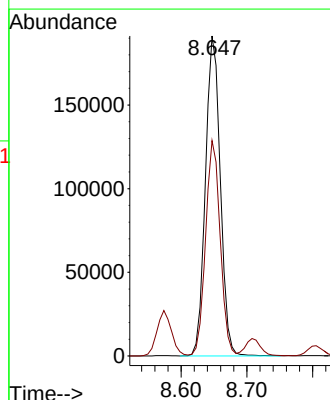
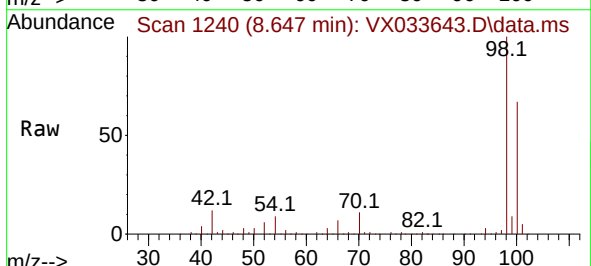
Acq: 06 Jan 2023 20:03

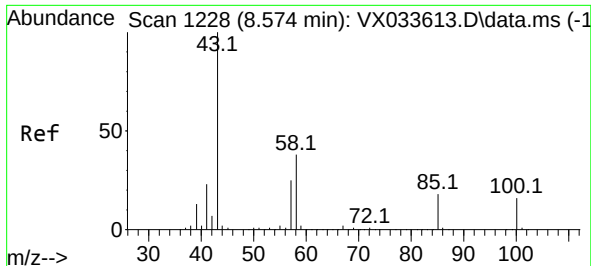
Tgt Ion: 98 Resp: 301443

Ion Ratio Lower Upper

98 100

100 66.1 53.6 80.4

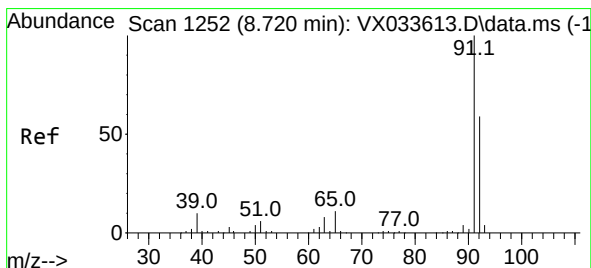
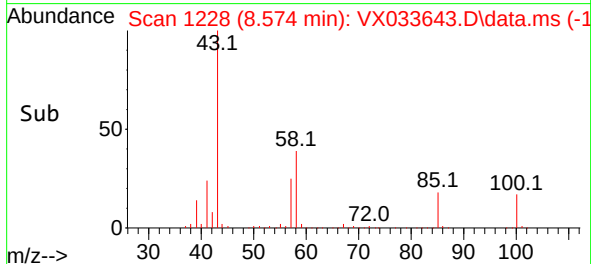
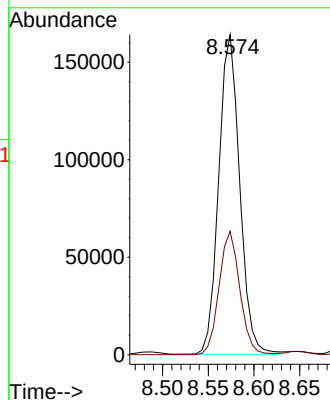
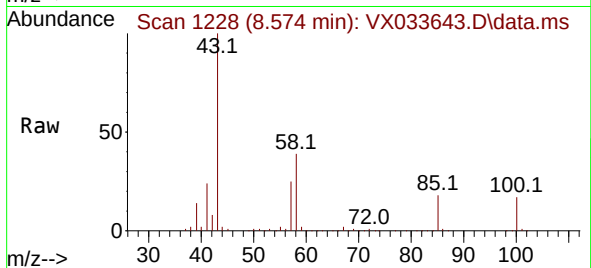




#51
4-Methyl-2-Pentanone
Concen: 104.929 ug/l
RT: 8.574 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033643.D
Acq: 06 Jan 2023 20:03

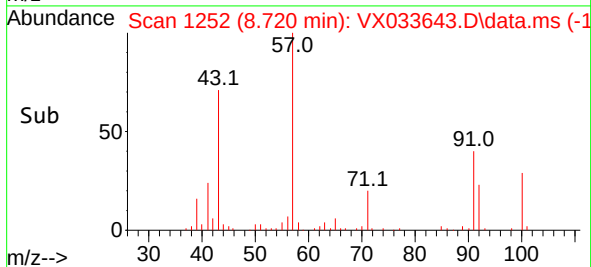
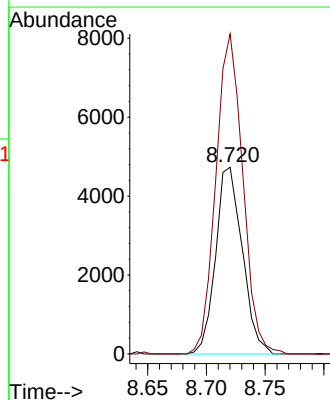
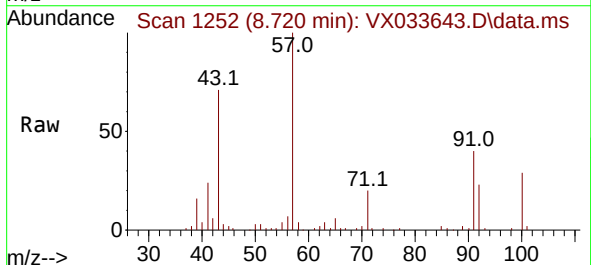
Instrument :
MSVOA_X
ClientSampleId :
HARRISONLP-SILICA

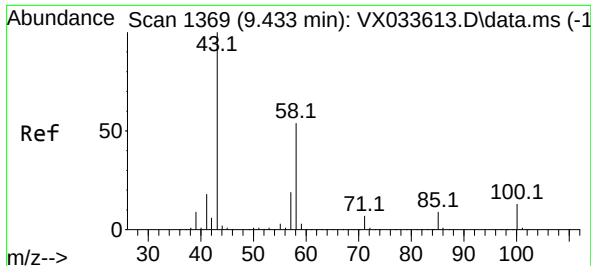
Tgt Ion: 43 Resp: 261739
Ion Ratio Lower Upper
43 100
58 38.2 30.5 45.7



#52
Toluene
Concen: 1.688 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX033643.D
Acq: 06 Jan 2023 20:03

Tgt Ion: 92 Resp: 7478
Ion Ratio Lower Upper
92 100
91 173.0 135.4 203.2





#59

2-Hexanone

Concen: 67.646 ug/l

RT: 9.427 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX033643.D

Acq: 06 Jan 2023 20:03

Instrument :

MSVOA_X

ClientSampleId :

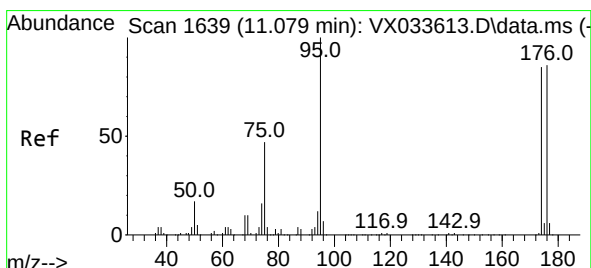
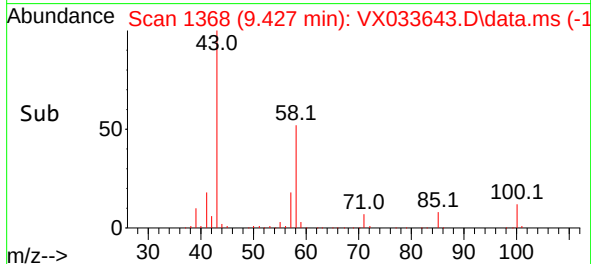
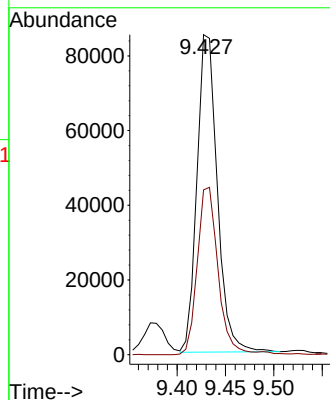
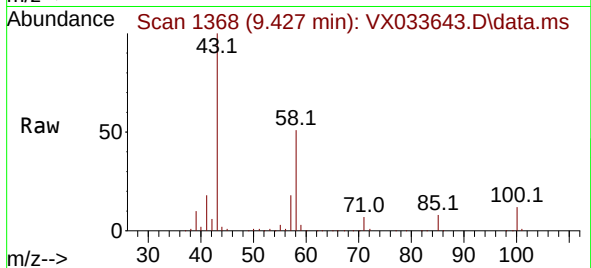
HARRISONLP-SILICA

Tgt Ion: 43 Resp: 124651

Ion Ratio Lower Upper

43 100

58 54.6 26.6 79.8



#62

4-Bromofluorobenzene

Concen: 51.129 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX033643.D

Acq: 06 Jan 2023 20:03

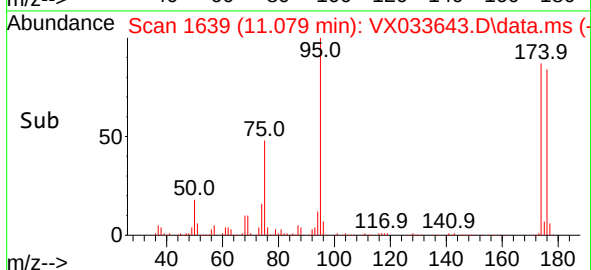
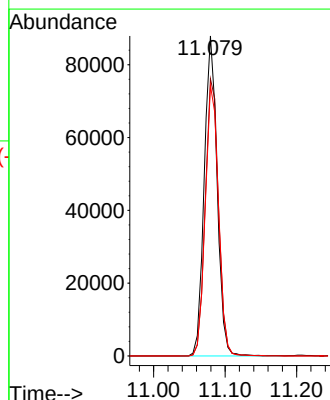
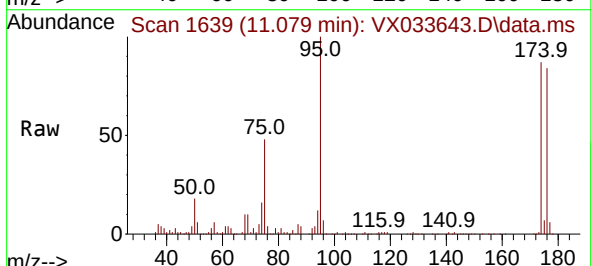
Tgt Ion: 95 Resp: 110232

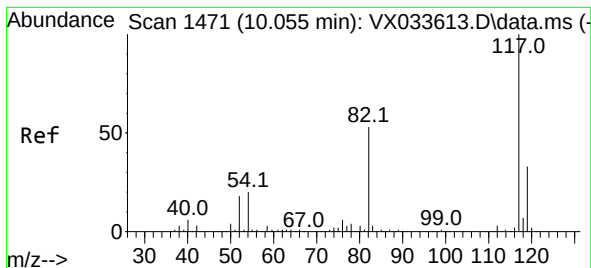
Ion Ratio Lower Upper

95 100

174 89.2 0.0 180.4

176 87.1 0.0 176.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX033643.D

Acq: 06 Jan 2023 20:03

Instrument :

MSVOA_X

ClientSampleId :

HARRISONLP-SILICA

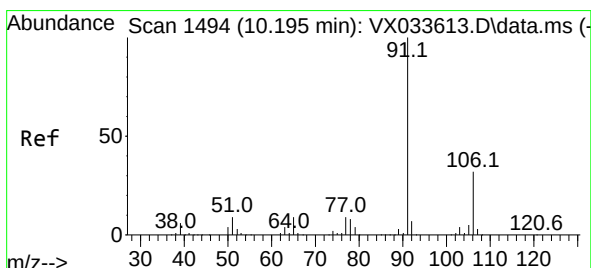
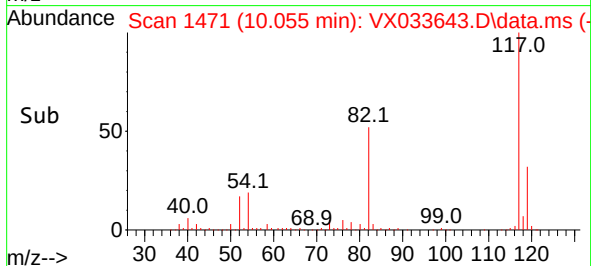
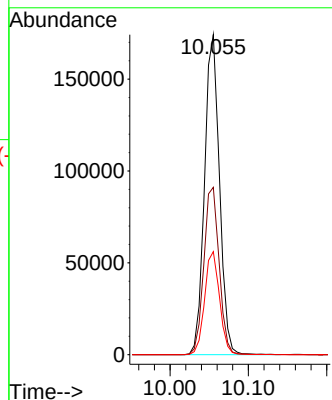
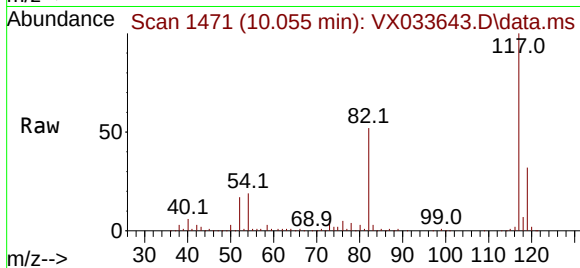
Tgt Ion:117 Resp: 230610

Ion Ratio Lower Upper

117 100

82 52.3 42.2 63.2

119 32.2 26.2 39.4



#67

Ethyl Benzene

Concen: 1.152 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX033643.D

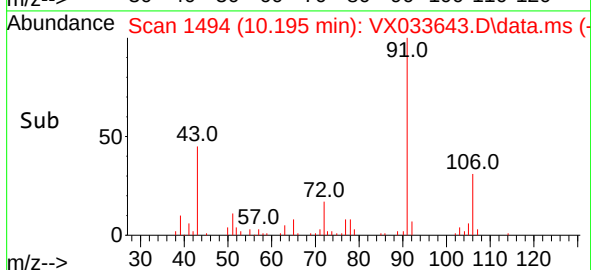
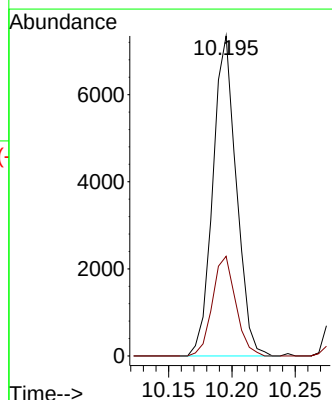
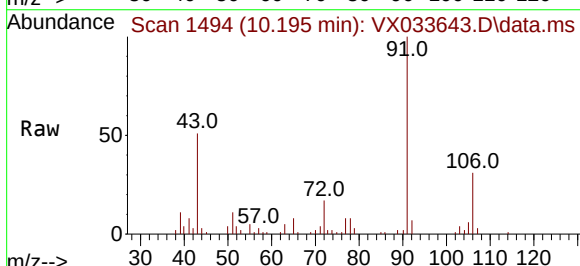
Acq: 06 Jan 2023 20:03

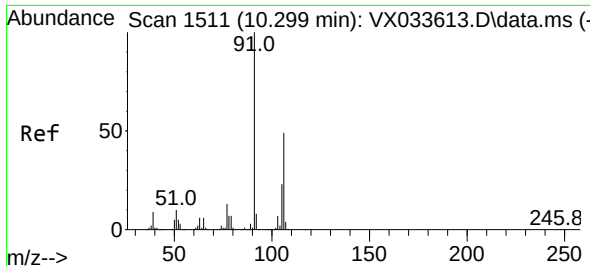
Tgt Ion: 91 Resp: 9490

Ion Ratio Lower Upper

91 100

106 31.2 25.9 38.9

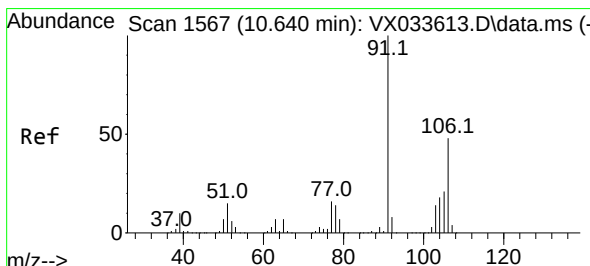
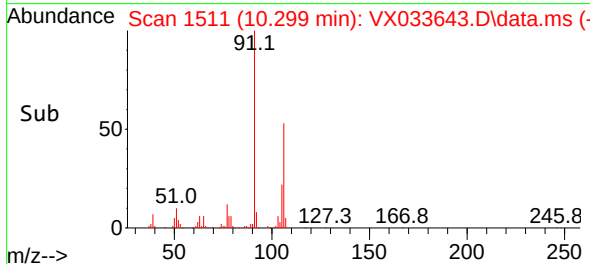
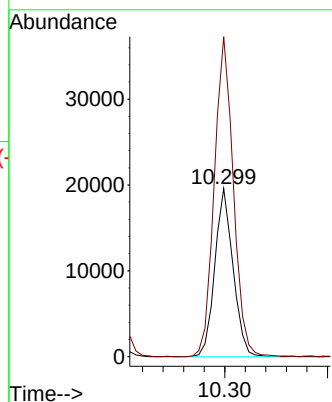
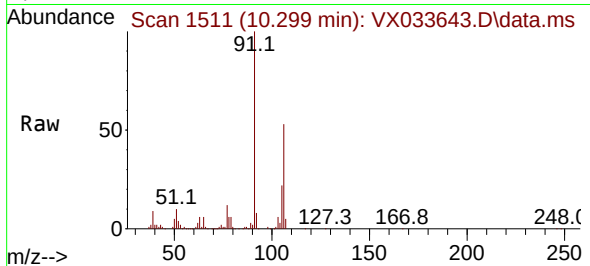




#68
m/p-Xylenes
Concen: 7.475 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX033643.D
Acq: 06 Jan 2023 20:03

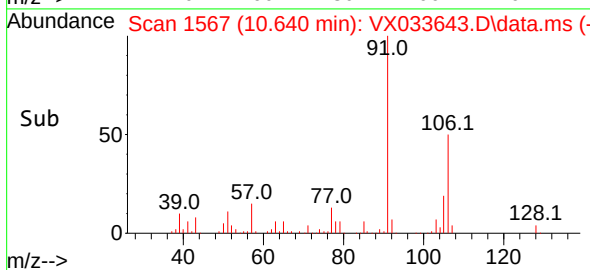
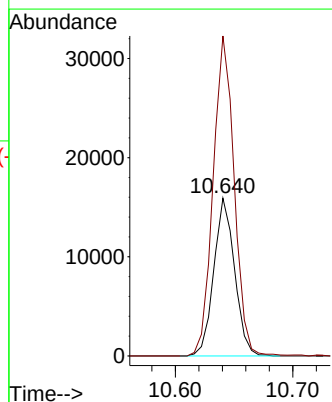
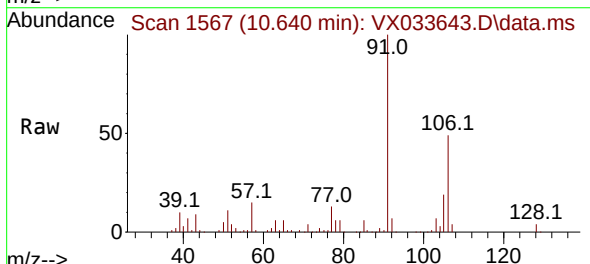
Instrument :
MSVOA_X
ClientSampleId :
HARRISONLP-SILICA

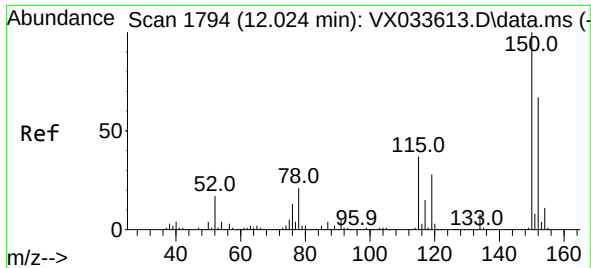
Tgt Ion:106 Resp: 24031
Ion Ratio Lower Upper
106 100
91 199.6 159.6 239.4



#69
o-Xylene
Concen: 6.137 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX033643.D
Acq: 06 Jan 2023 20:03

Tgt Ion:106 Resp: 19560
Ion Ratio Lower Upper
106 100
91 206.0 104.1 312.3

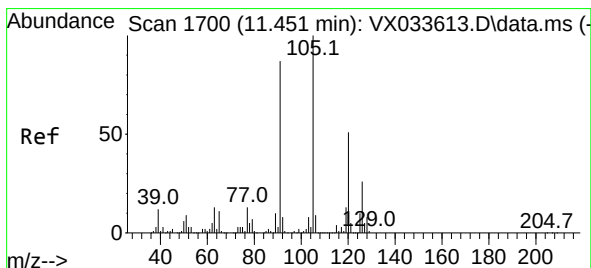
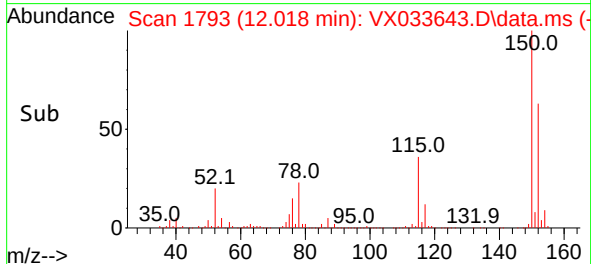
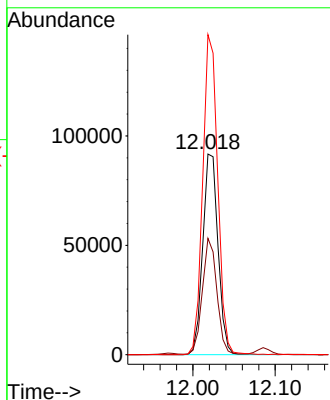
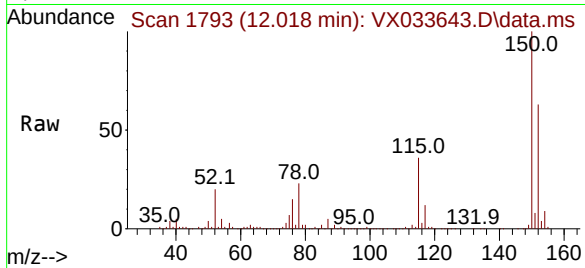




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VX033643.D
 Acq: 06 Jan 2023 20:03

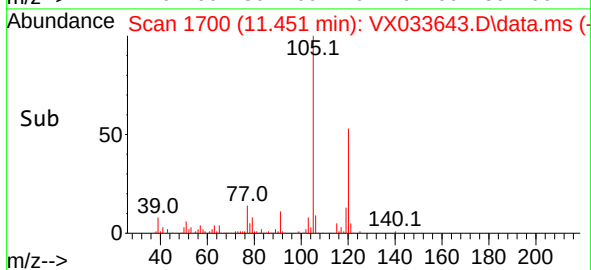
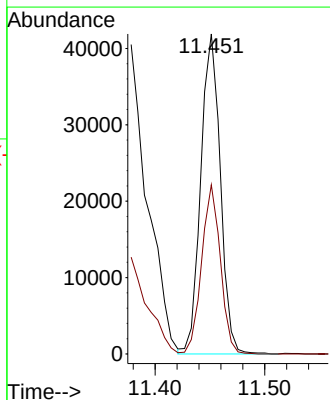
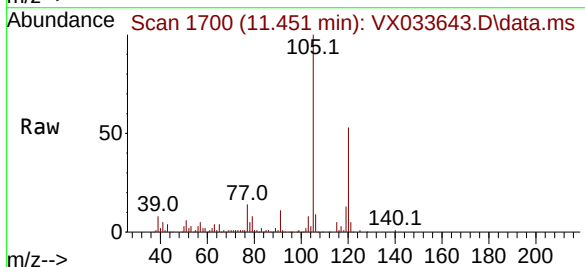
Instrument :
 MSVOA_X
 ClientSampleId :
 HARRISONLP-SILICA

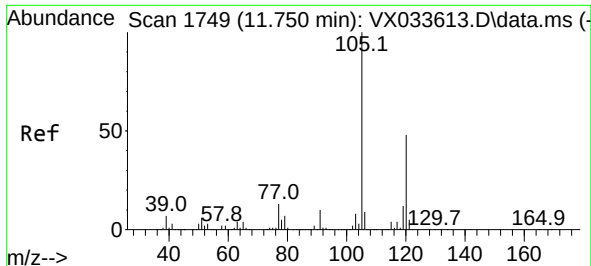
Tgt Ion:152 Resp: 118487
 Ion Ratio Lower Upper
 152 100
 115 54.5 38.5 115.5
 150 156.6 0.0 340.4



#80
 1,3,5-Trimethylbenzene
 Concen: 7.533 ug/l
 RT: 11.451 min Scan# 1700
 Delta R.T. 0.000 min
 Lab File: VX033643.D
 Acq: 06 Jan 2023 20:03

Tgt Ion:105 Resp: 51895
 Ion Ratio Lower Upper
 105 100
 120 50.6 25.5 76.5

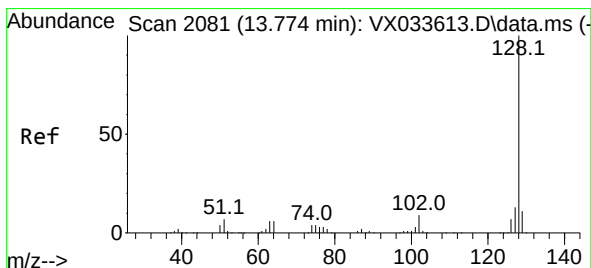
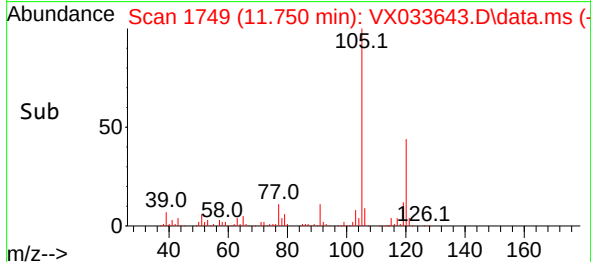
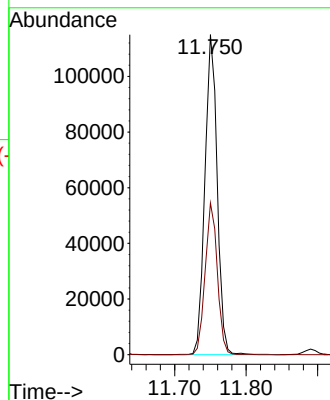
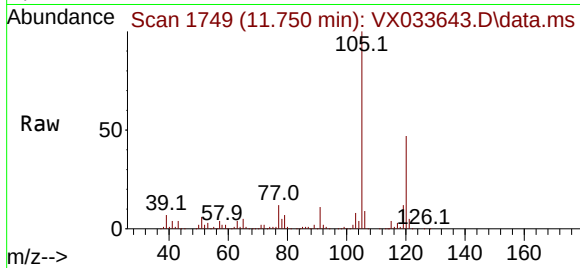




#84
1,2,4-Trimethylbenzene
Concen: 19.849 ug/l
RT: 11.750 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033643.D
Acq: 06 Jan 2023 20:03

Instrument :
MSVOA_X
ClientSampleId :
HARRISONLP-SILICA

Tgt Ion:105 Resp: 137212
Ion Ratio Lower Upper
105 100
120 47.3 23.4 70.0



#95
Naphthalene
Concen: 24.623 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX033643.D
Acq: 06 Jan 2023 20:03

Tgt Ion:128 Resp: 191209
Ion Ratio Lower Upper
128 100
127 13.3 10.3 15.5
129 11.3 9.0 13.4

