

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010623\
 Data File : VX033638.D
 Acq On : 06 Jan 2023 18:07
 Operator : JC/MD
 Sample : 01042-01 100X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WESTEND-SILICA-A

Quant Time: Jan 07 04:28:09 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	5.556	168	165454	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	243535	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	217341	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	110251	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	91327	48.896	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.800%
35) Dibromofluoromethane	5.385	113	75213	46.987	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.980%
50) Toluene-d8	8.647	98	280483	49.023	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.040%
62) 4-Bromofluorobenzene	11.079	95	102779	50.680	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.360%

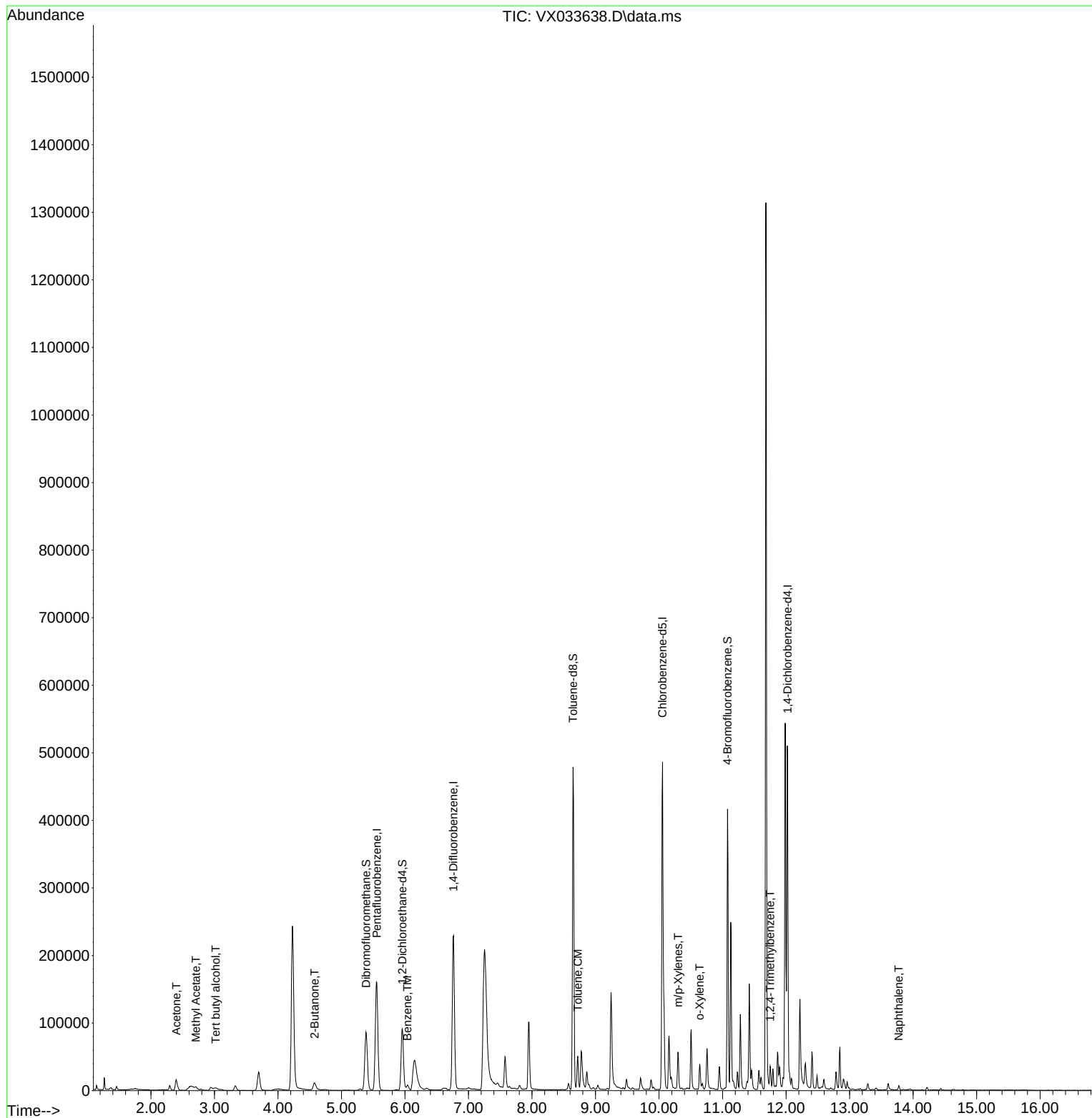
Target Compounds						Qvalue
11) Tert butyl alcohol	3.020	59	9509	30.991	ug/l #	80
16) Acetone	2.398	43	22765	23.856	ug/l	93
18) Methyl Acetate	2.709	43	4411	1.704	ug/l	91
25) 2-Butanone	4.574	43	16649	13.652	ug/l	94
40) Benzene	6.037	78	9027	1.424	ug/l	90
52) Toluene	8.720	92	18410	4.419	ug/l	100
68) m/p-Xylenes	10.299	106	12731	4.202	ug/l	100
69) o-Xylene	10.640	106	7580	2.523	ug/l	94
84) 1,2,4-Trimethylbenzene	11.750	105	12645	1.966	ug/l	93
95) Naphthalene	13.774	128	4666	3.682	ug/l	95

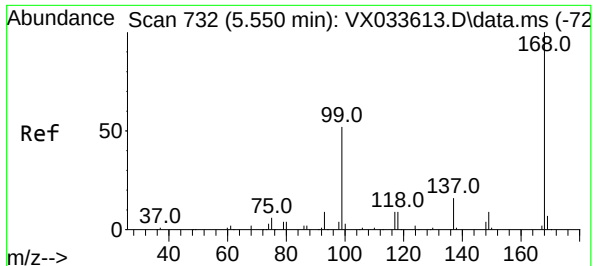
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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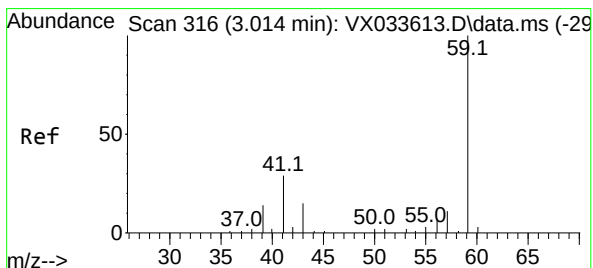
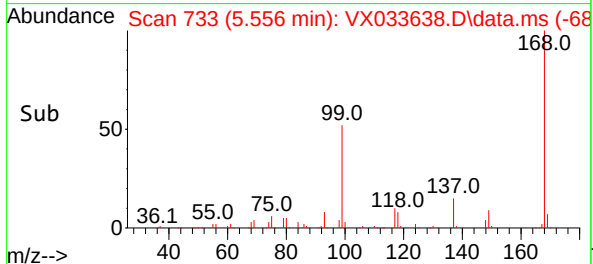
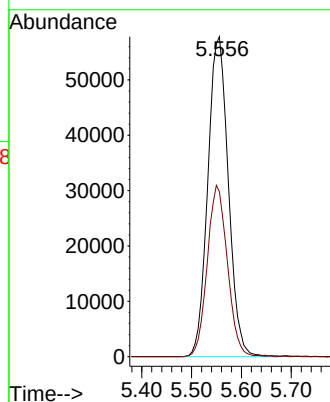
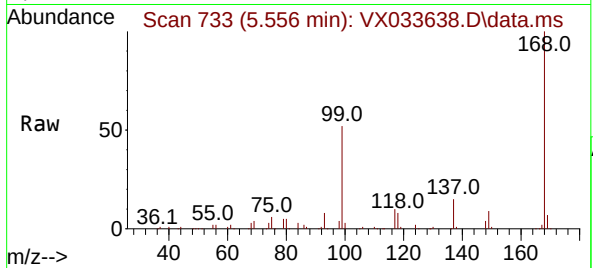




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX033638.D
Acq: 06 Jan 2023 18:07

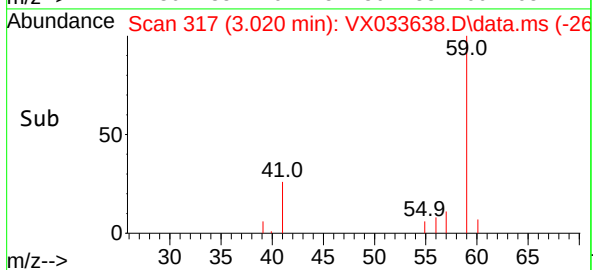
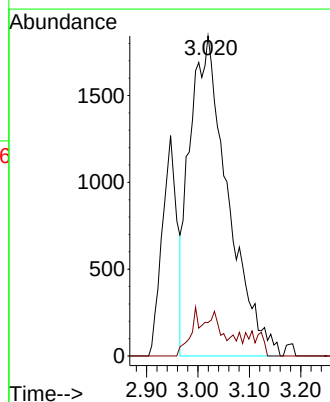
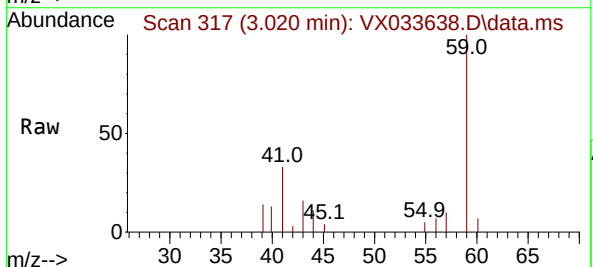
Instrument :
MSVOA_X
ClientSampleId :
WESTEND-SILICA-A

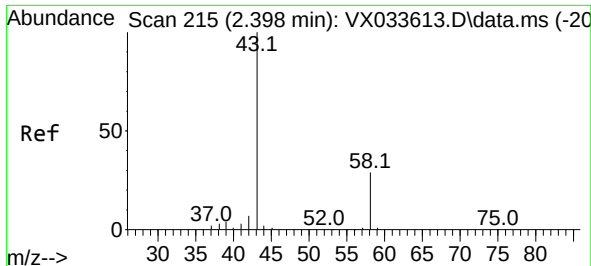
Tgt Ion:168 Resp: 165454
Ion Ratio Lower Upper
168 100
99 51.6 41.4 62.2



#11
Tert butyl alcohol
Concen: 30.991 ug/l
RT: 3.020 min Scan# 317
Delta R.T. 0.006 min
Lab File: VX033638.D
Acq: 06 Jan 2023 18:07

Tgt Ion: 59 Resp: 9509
Ion Ratio Lower Upper
59 100
57 0.0 5.5 8.3#

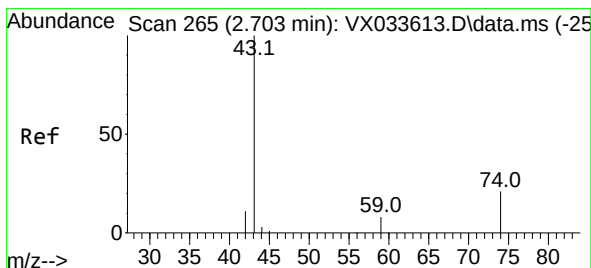
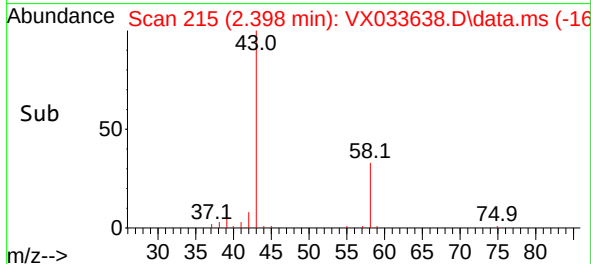
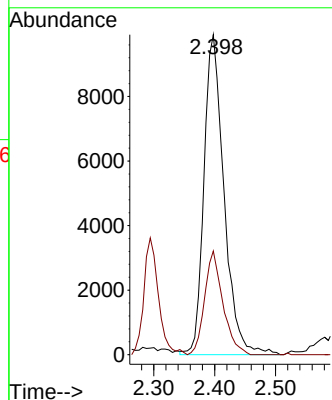
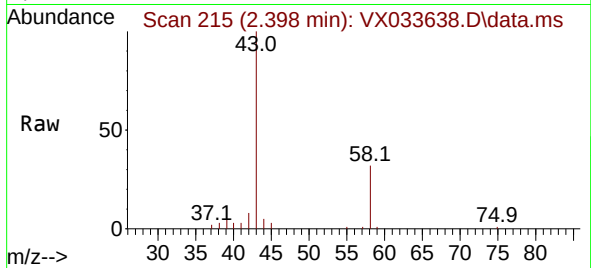




#16
Acetone
Concen: 23.856 ug/l
RT: 2.398 min Scan# 215
Delta R.T. -0.000 min
Lab File: VX033638.D
Acq: 06 Jan 2023 18:07

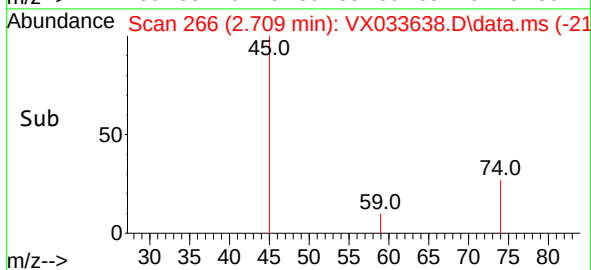
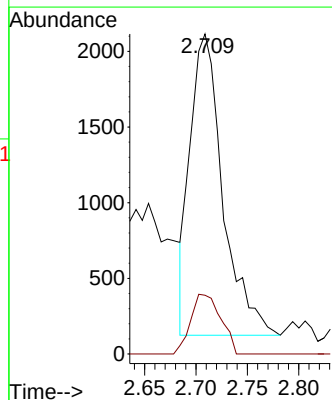
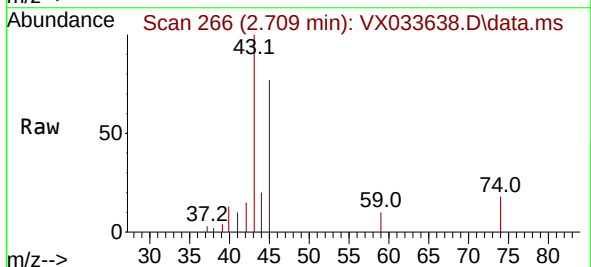
Instrument :
MSVOA_X
ClientSampleId :
WESTEND-SILICA-A

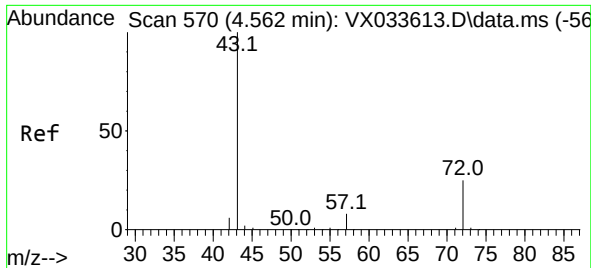
Tgt Ion: 43 Resp: 22765
Ion Ratio Lower Upper
43 100
58 32.4 22.9 34.3



#18
Methyl Acetate
Concen: 1.704 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX033638.D
Acq: 06 Jan 2023 18:07

Tgt Ion: 43 Resp: 4411
Ion Ratio Lower Upper
43 100
74 18.3 17.9 26.9

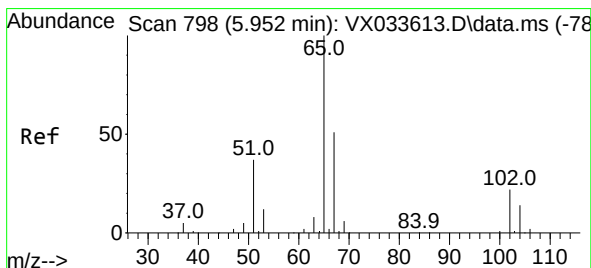
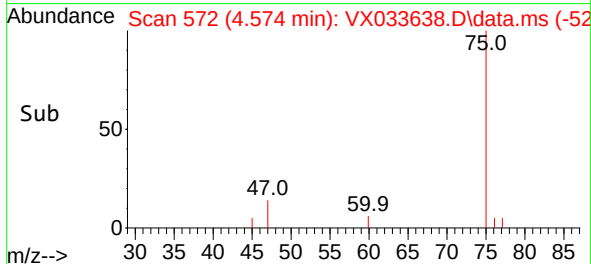
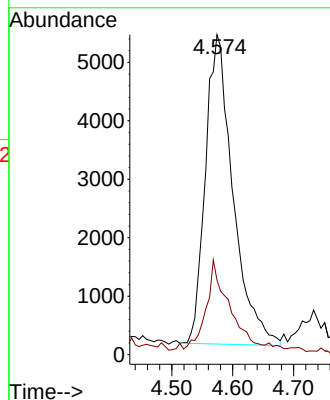
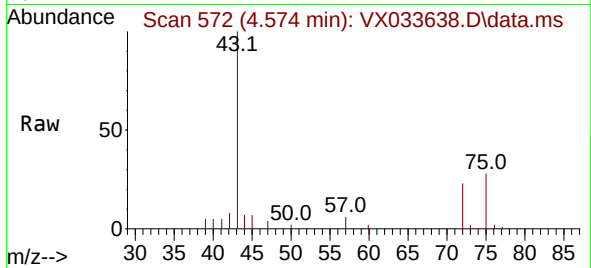




#25
2-Butanone
Concen: 13.652 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.012 min
Lab File: VX033638.D
Acq: 06 Jan 2023 18:07

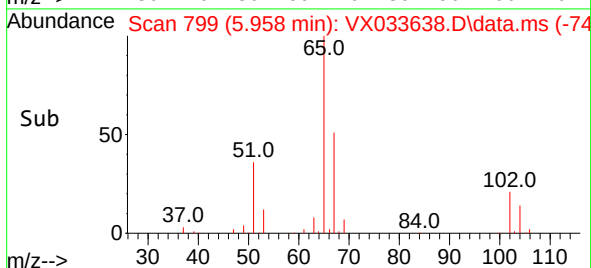
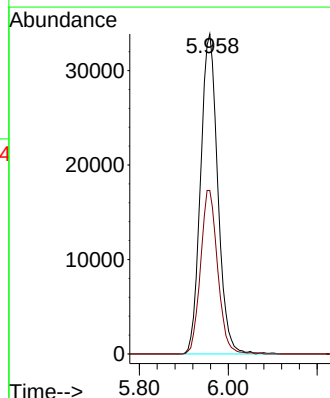
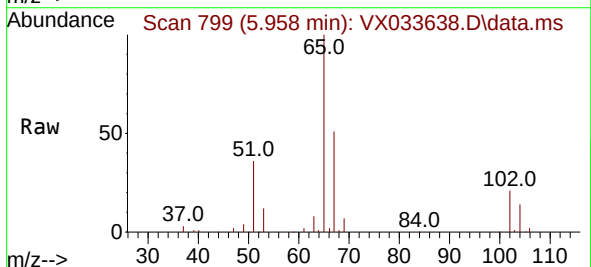
Instrument :
MSVOA_X
ClientSampleId :
WESTEND-SILICA-A

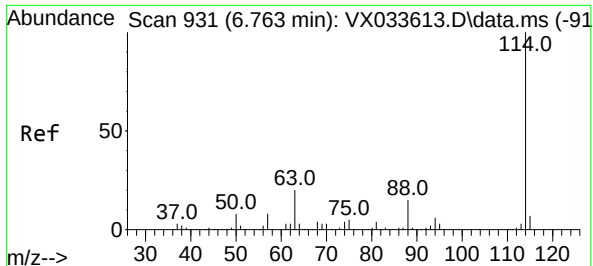
Tgt Ion: 43 Resp: 16649
Ion Ratio Lower Upper
43 100
72 21.5 19.8 29.6



#33
1,2-Dichloroethane-d4
Concen: 48.896 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX033638.D
Acq: 06 Jan 2023 18:07

Tgt Ion: 65 Resp: 91327
Ion Ratio Lower Upper
65 100
67 50.7 0.0 104.8

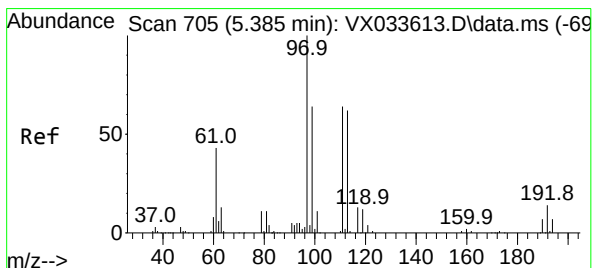
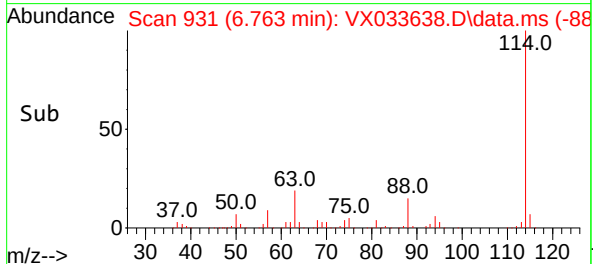
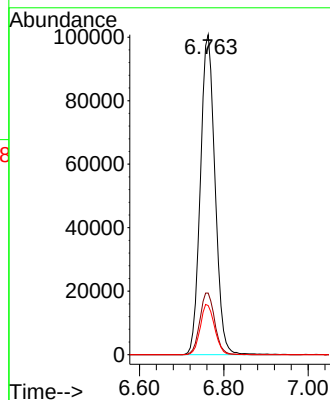
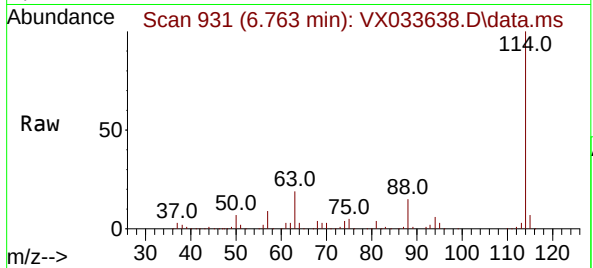




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX033638.D
Acq: 06 Jan 2023 18:07

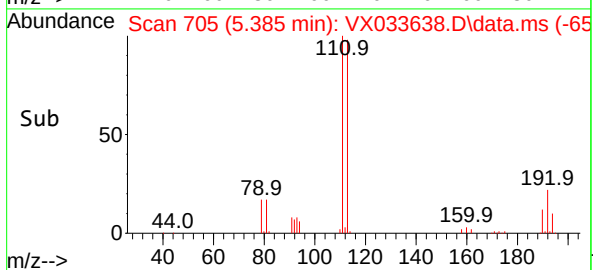
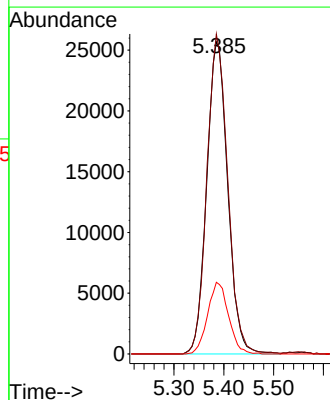
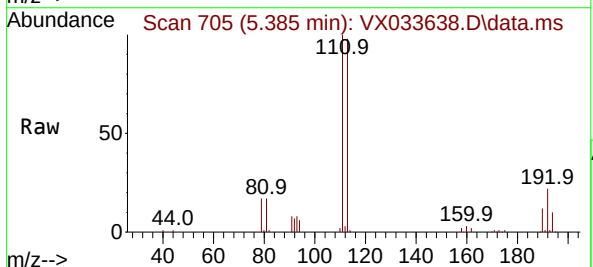
Instrument :
MSVOA_X
ClientSampleId :
WESTEND-SILICA-A

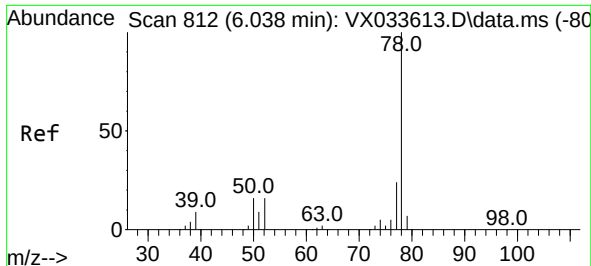
Tgt Ion:114 Resp: 243535
Ion Ratio Lower Upper
114 100
63 19.3 0.0 40.0
88 15.4 0.0 29.6



#35
Dibromofluoromethane
Concen: 46.987 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX033638.D
Acq: 06 Jan 2023 18:07

Tgt Ion:113 Resp: 75213
Ion Ratio Lower Upper
113 100
111 101.5 81.2 121.8
192 22.8 18.2 27.2





#40

Benzene

Concen: 1.424 ug/l

RT: 6.037 min Scan# 812

Delta R.T. -0.000 min

Lab File: VX033638.D

Acq: 06 Jan 2023 18:07

Instrument :

MSVOA_X

ClientSampleId :

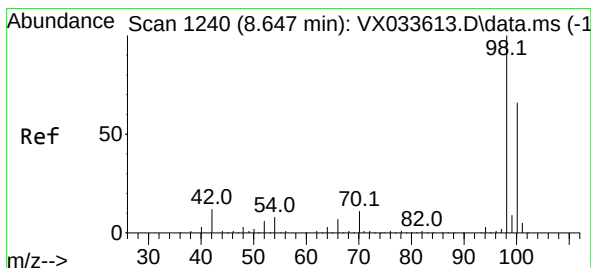
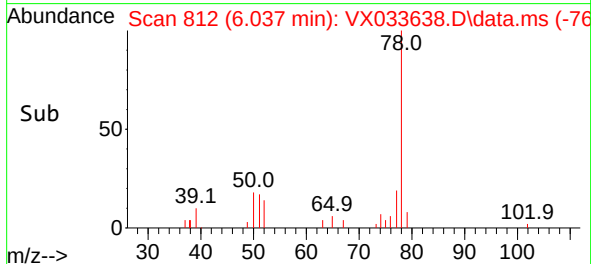
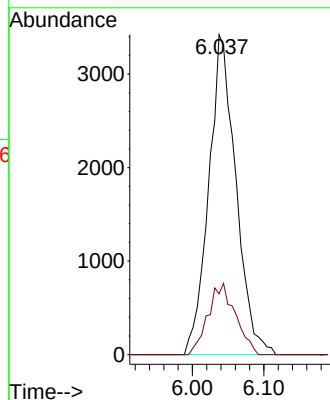
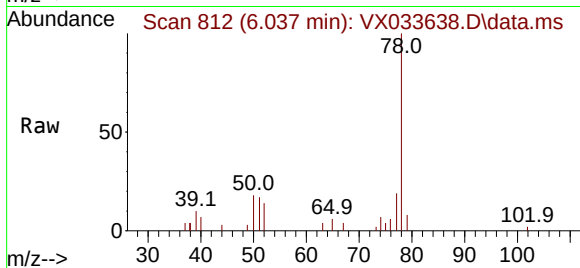
WESTEND-SILICA-A

Tgt Ion: 78 Resp: 9027

Ion Ratio Lower Upper

78 100

77 19.1 19.0 28.6



#50

Toluene-d8

Concen: 49.023 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX033638.D

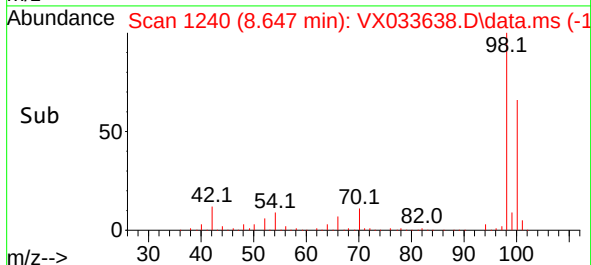
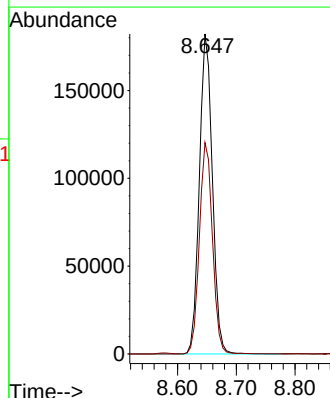
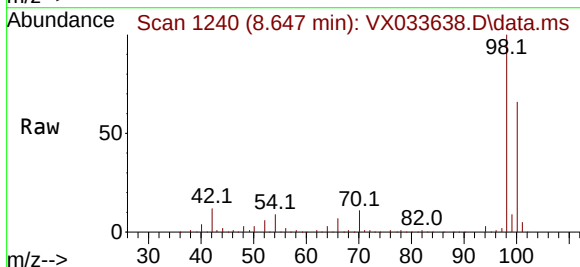
Acq: 06 Jan 2023 18:07

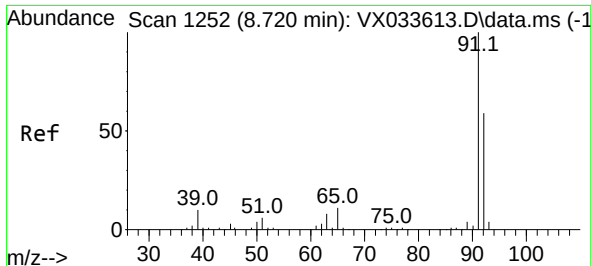
Tgt Ion: 98 Resp: 280483

Ion Ratio Lower Upper

98 100

100 66.2 53.6 80.4





#52

Toluene

Concen: 4.419 ug/l

RT: 8.720 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX033638.D

Acq: 06 Jan 2023 18:07

Instrument :

MSVOA_X

ClientSampleId :

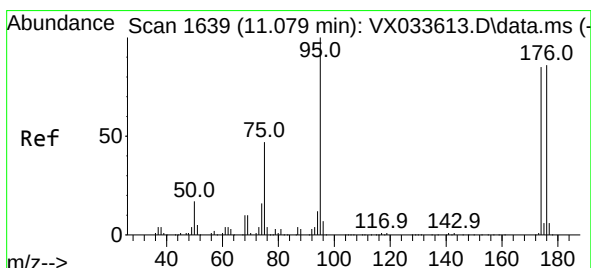
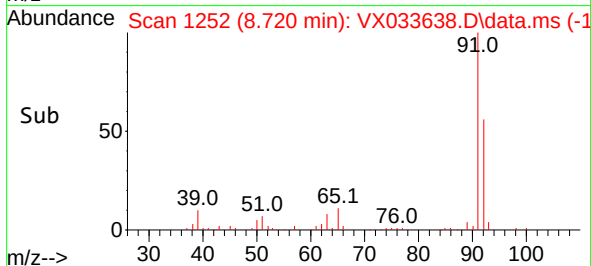
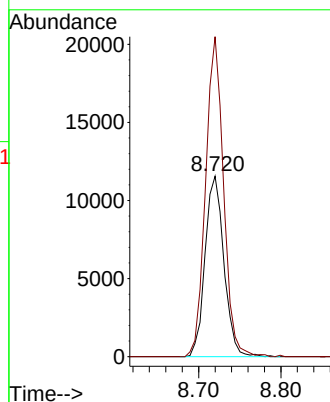
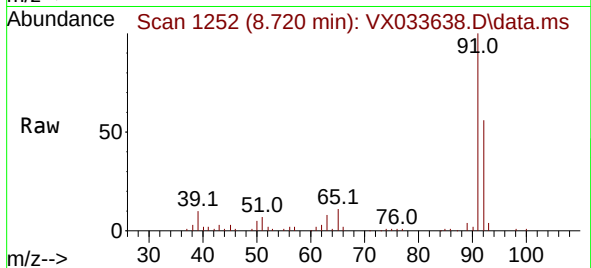
WESTEND-SILICA-A

Tgt Ion: 92 Resp: 18410

Ion Ratio Lower Upper

92 100

91 168.9 135.4 203.2



#62

4-Bromofluorobenzene

Concen: 50.680 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX033638.D

Acq: 06 Jan 2023 18:07

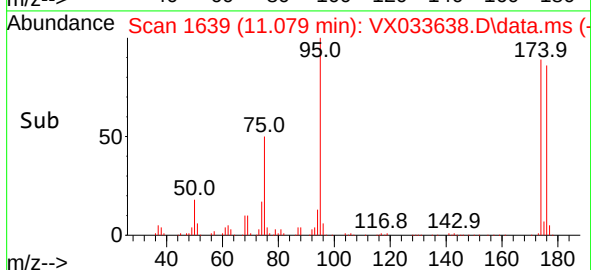
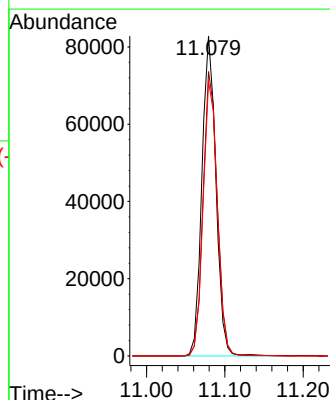
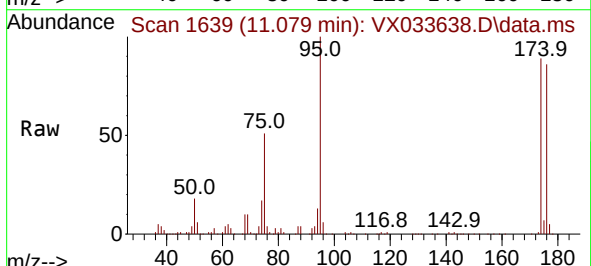
Tgt Ion: 95 Resp: 102779

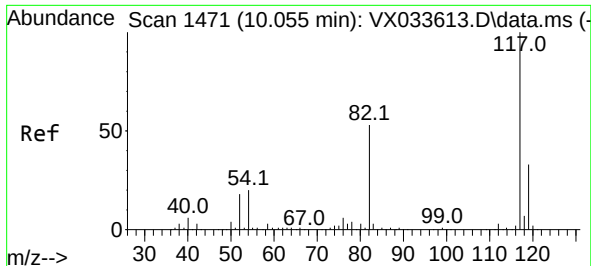
Ion Ratio Lower Upper

95 100

174 89.9 0.0 180.4

176 87.6 0.0 176.2

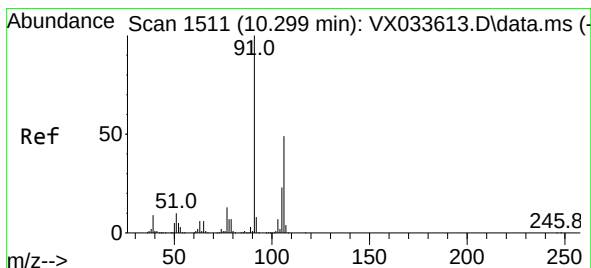
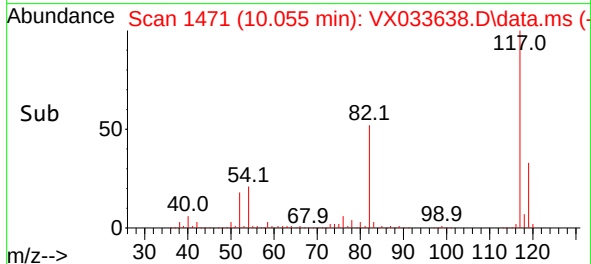
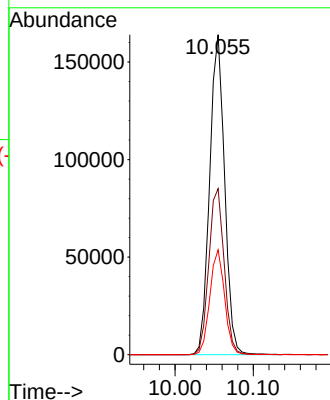
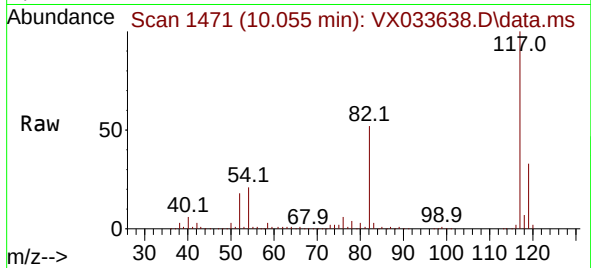




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX033638.D
Acq: 06 Jan 2023 18:07

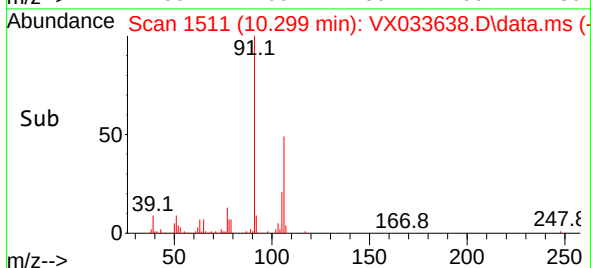
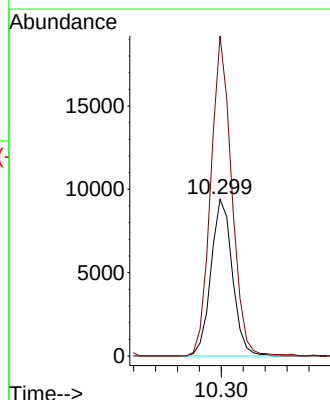
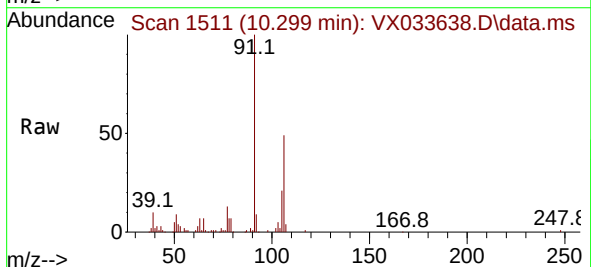
Instrument :
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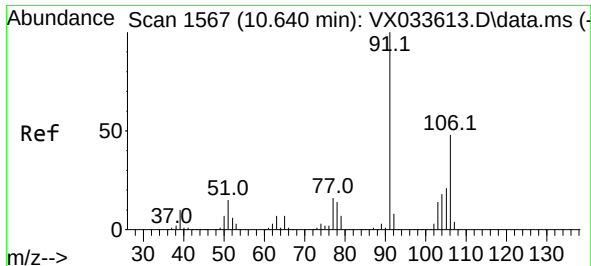
Tgt Ion:117 Resp: 217341
Ion Ratio Lower Upper
117 100
82 51.9 42.2 63.2
119 32.8 26.2 39.4



#68
m/p-Xylenes
Concen: 4.202 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX033638.D
Acq: 06 Jan 2023 18:07

Tgt Ion:106 Resp: 12731
Ion Ratio Lower Upper
106 100
91 200.0 159.6 239.4

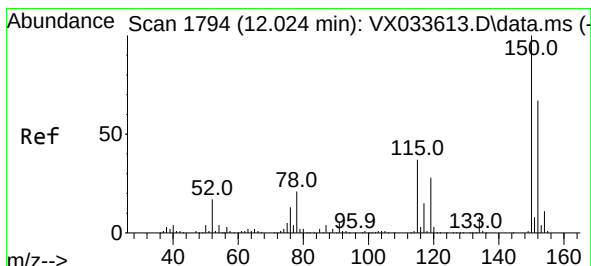
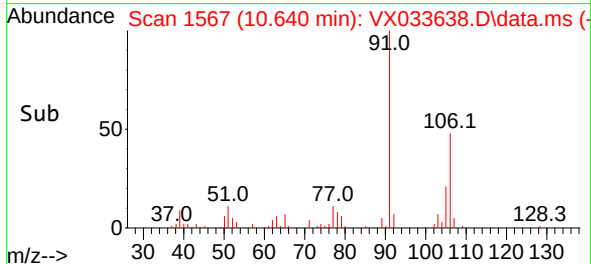
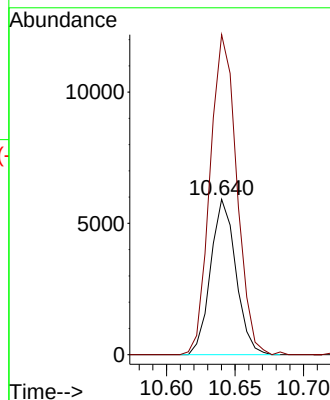
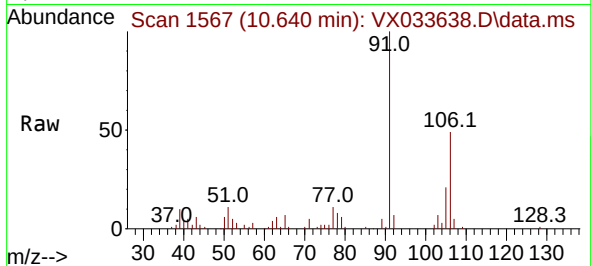




#69
o-Xylene
Concen: 2.523 ug/l
RT: 10.640 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033638.D
Acq: 06 Jan 2023 18:07

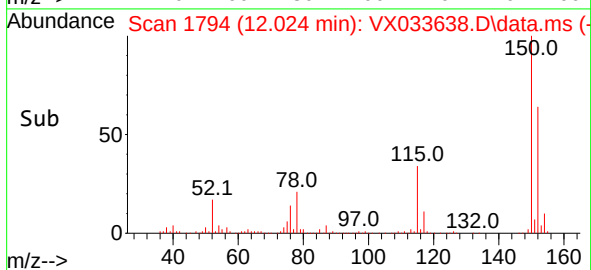
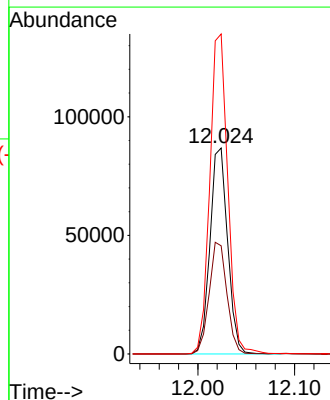
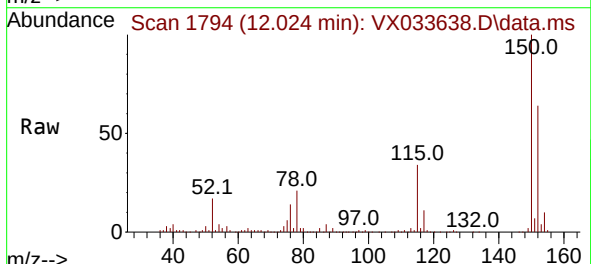
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MSVOA_X
ClientSampleId :
WESTEND-SILICA-A

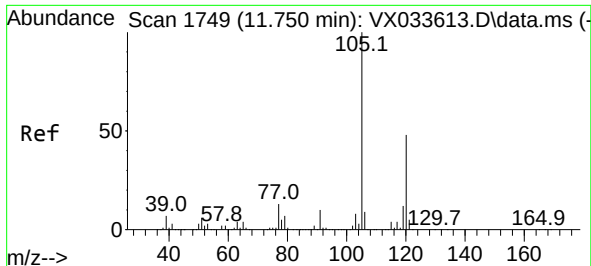
Tgt Ion:106 Resp: 7580
Ion Ratio Lower Upper
106 100
91 218.0 104.1 312.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX033638.D
Acq: 06 Jan 2023 18:07

Tgt Ion:152 Resp: 110251
Ion Ratio Lower Upper
152 100
115 54.5 38.5 115.5
150 157.7 0.0 340.4

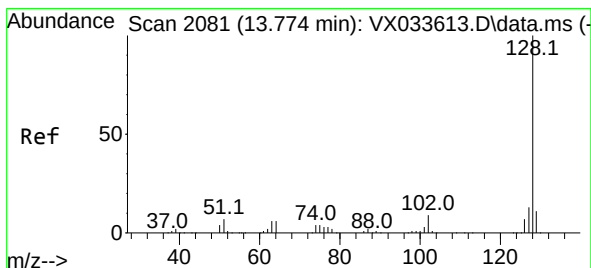
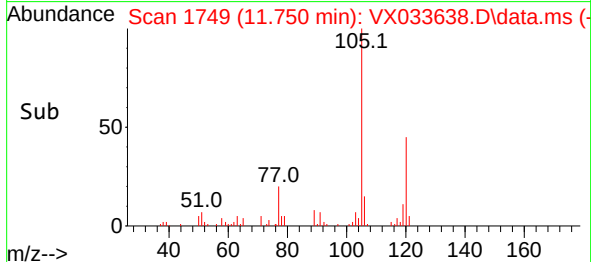
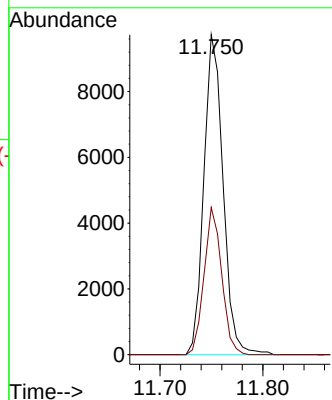
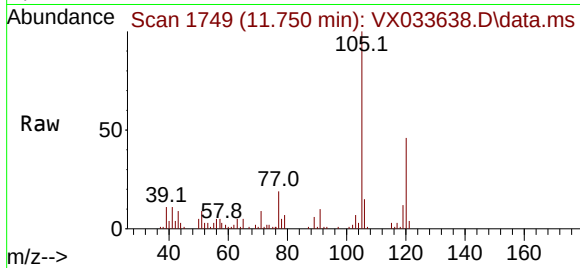




#84
1,2,4-Trimethylbenzene
Concen: 1.966 ug/l
RT: 11.750 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033638.D
Acq: 06 Jan 2023 18:07

Instrument :
MSVOA_X
ClientSampleId :
WESTEND-SILICA-A

Tgt Ion:105 Resp: 12645
Ion Ratio Lower Upper
105 100
120 42.3 23.4 70.0



#95
Naphthalene
Concen: 3.682 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX033638.D
Acq: 06 Jan 2023 18:07

Tgt Ion:128 Resp: 4666
Ion Ratio Lower Upper
128 100
127 14.8 10.3 15.5
129 12.8 9.0 13.4

