

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062823\
 Data File : VW026389.D
 Acq On : 28 Jun 2023 11:33
 Operator : SY/MD
 Sample : 03420-10
 Misc : 5.00g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A4652

Quant Time: Jun 28 23:49:36 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062623SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jun 28 23:48:01 2023
 Response via : Initial Calibration

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

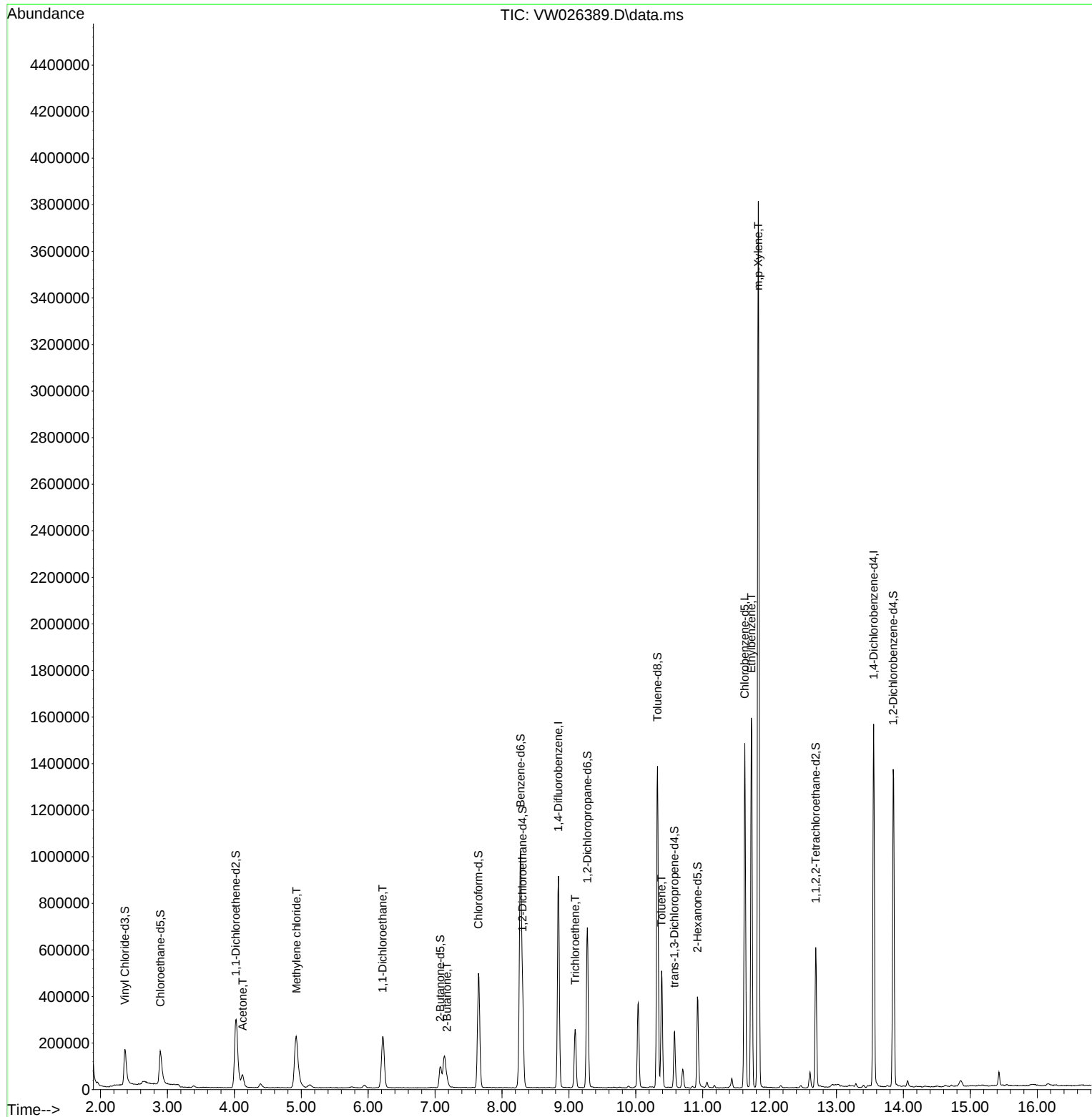
Internal Standards							
1) 1,4-Difluorobenzene		8.843	114	703082	25.000	ug/L	0.00
28) Chlorobenzene-d5		11.629	117	728714	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4		13.556	152	381127	25.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3		2.363	65	259692	25.425	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 101.680%		
7) Chloroethane-d5		2.893	69	222997	30.711	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	= 122.840%		
11) 1,1-Dichloroethene-d2		4.021	65	125122	27.057	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	= 108.240%		
21) 2-Butanone-d5		7.075	46	167414	52.152	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 104.300%		
24) Chloroform-d		7.648	84	476413	23.913	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	= 95.640%		
26) 1,2-Dichloroethane-d4		8.307	65	295279	26.377	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	= 105.520%		
32) Benzene-d6		8.276	84	967447	21.448	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	= 85.800%		
36) 1,2-Dichloropropane-d6		9.276	67	304891	20.802	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	= 83.200%		
41) Toluene-d8		10.325	98	860136	21.786	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	= 87.160%		
43) trans-1,3-Dichloroprop...		10.575	79	126830	21.552	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	= 86.200%		
47) 2-Hexanone-d5		10.922	63	134628	59.809	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	= 119.620%		
56) 1,1,2,2-Tetrachloroeth...		12.690	84	301716	26.147	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	= 104.600%		
66) 1,2-Dichlorobenzene-d4		13.848	152	346408	26.104	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	= 104.400%		
Target Compounds							Qvalue
13) Acetone		4.125	43	91535	35.625	ug/L	98
16) Methylene chloride		4.929	84	197248	16.579	ug/L	97
19) 1,1-Dichloroethane		6.216	63	324346	15.499	ug/L	97
22) 2-Butanone		7.179	43	62520	15.903	ug/L	97
34) Trichloroethene		9.093	95	86948	6.899	ug/L	96
42) Toluene		10.386	91	341928	6.925	ug/L	96
52) Ethylbenzene		11.727	91	1098459	19.742	ug/L	99
53) m,p-Xylene		11.830	106	982495	48.418	ug/L	97

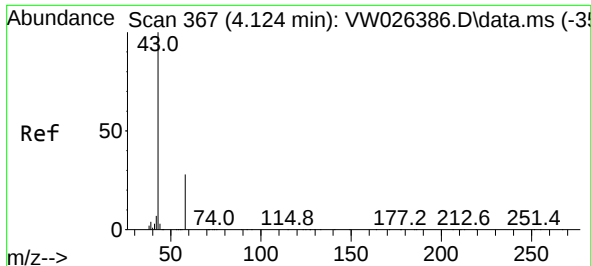
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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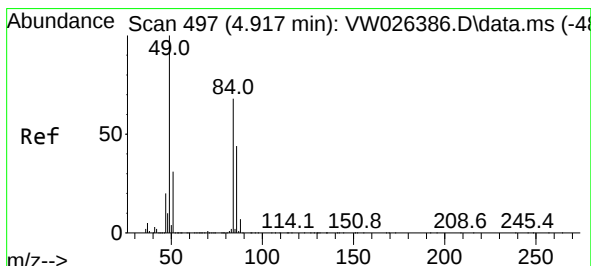
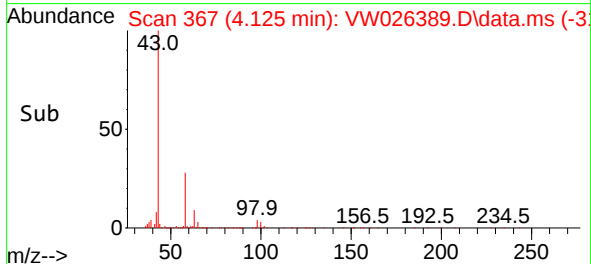
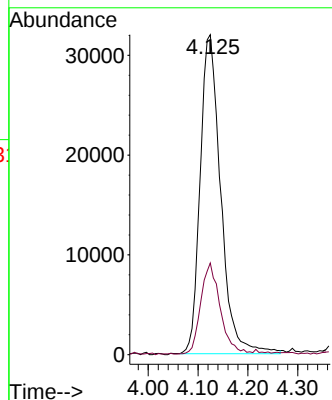
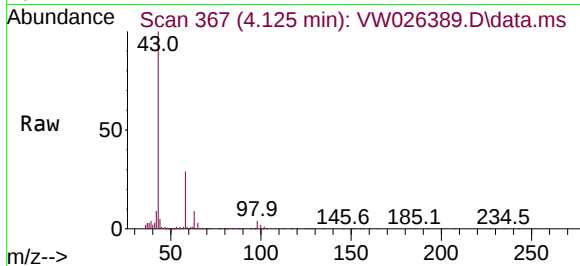




#13
Acetone
Concen: 35.625 ug/L
RT: 4.125 min Scan# 30
Delta R.T. 0.000 min
Lab File: VW026389.D
Acq: 28 Jun 2023 11:33

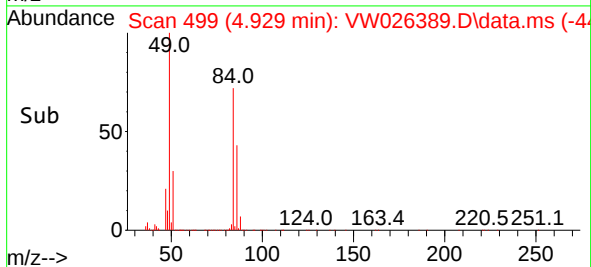
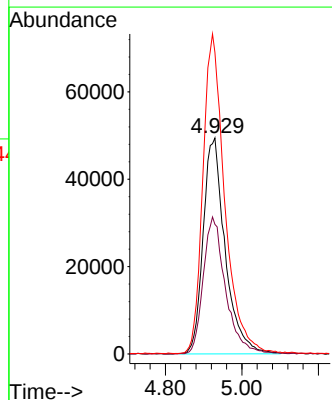
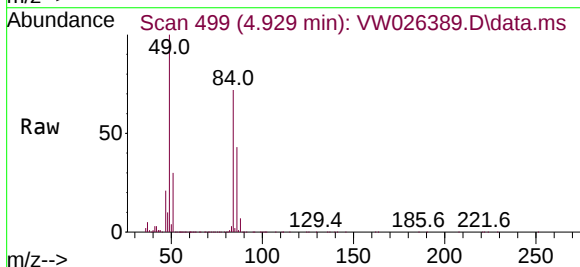
Instrument :
MSVOA_W
ClientSampleId :
A4652

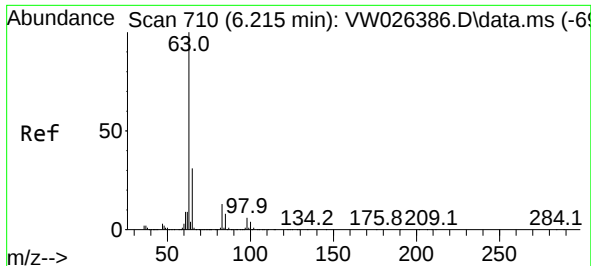
Tgt Ion: 43 Resp: 91535
Ion Ratio Lower Upper
43 100
58 26.6 0.0 55.8



#16
Methylene chloride
Concen: 16.579 ug/L
RT: 4.929 min Scan# 499
Delta R.T. 0.012 min
Lab File: VW026389.D
Acq: 28 Jun 2023 11:33

Tgt Ion: 84 Resp: 197248
Ion Ratio Lower Upper
84 100
86 60.0 43.9 81.5
49 139.6 100.4 186.4





#19

1,1-Dichloroethane

Concen: 15.499 ug/L

RT: 6.216 min Scan# 710

Delta R.T. 0.000 min

Lab File: VW026389.D

Acq: 28 Jun 2023 11:33

Instrument :

MSVOA_W

ClientSampleId :

A4652

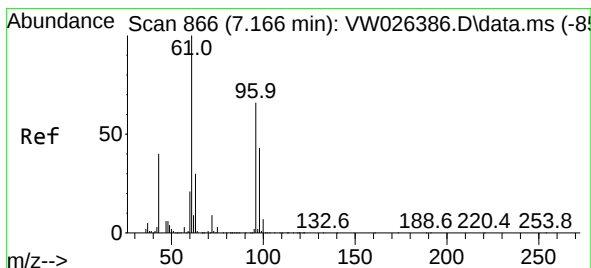
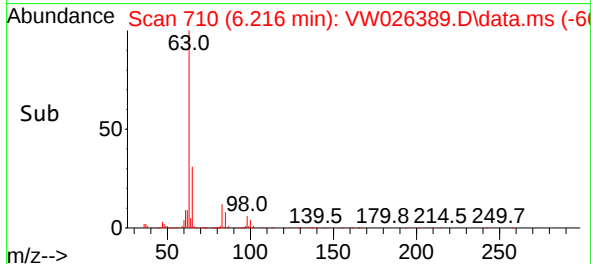
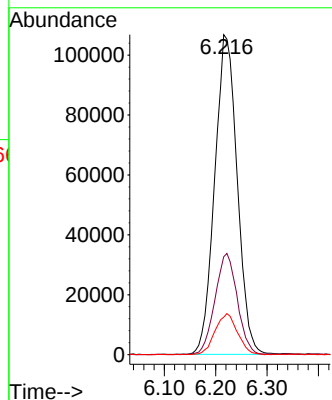
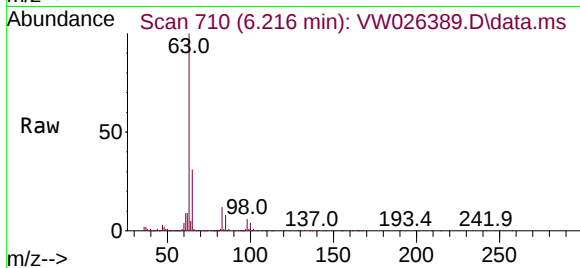
Tgt Ion: 63 Resp: 324346

Ion Ratio Lower Upper

63 100

65 30.6 22.8 42.4

83 11.7 8.7 16.1



#22

2-Butanone

Concen: 15.903 ug/L

RT: 7.179 min Scan# 868

Delta R.T. 0.013 min

Lab File: VW026389.D

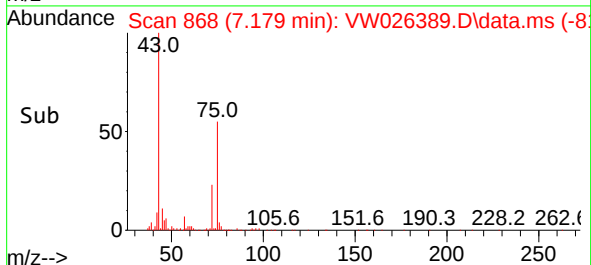
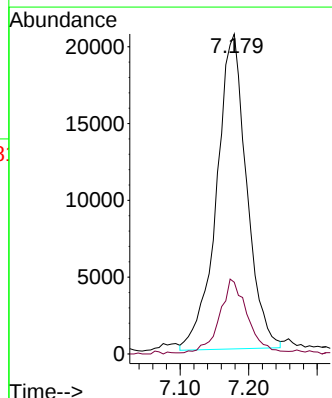
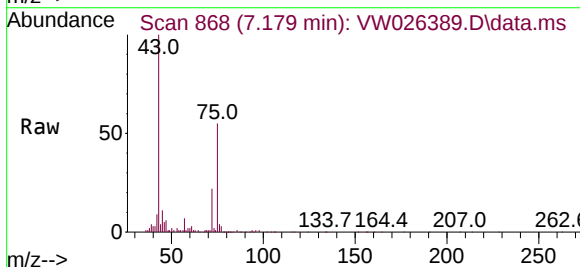
Acq: 28 Jun 2023 11:33

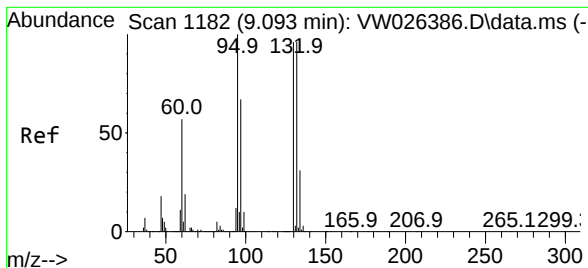
Tgt Ion: 43 Resp: 62520

Ion Ratio Lower Upper

43 100

72 22.2 11.8 35.3





#34

Trichloroethene

Concen: 6.899 ug/L

RT: 9.093 min Scan# 1182

Delta R.T. 0.000 min

Lab File: VW026389.D

Acq: 28 Jun 2023 11:33

Instrument :

MSVOA_W

ClientSampleId :

A4652

Tgt Ion: 95 Resp: 86948

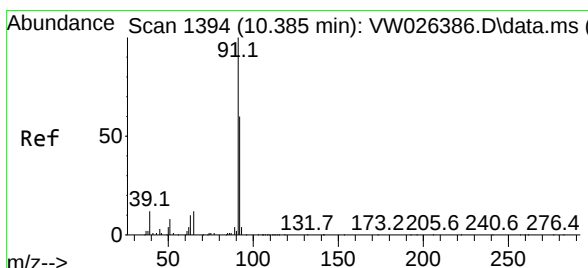
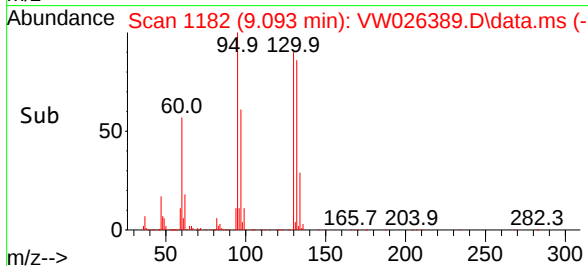
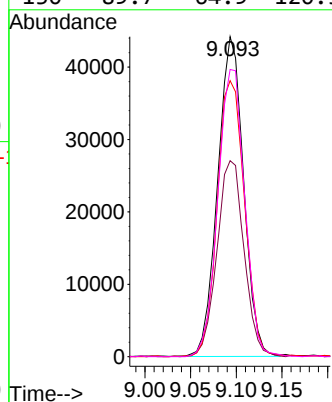
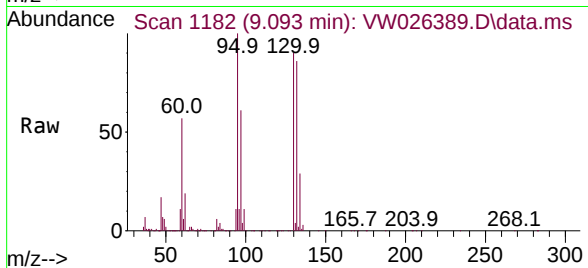
Ion Ratio Lower Upper

95 100

97 61.2 44.5 82.7

132 86.2 63.3 117.5

130 89.7 64.9 120.5



#42

Toluene

Concen: 6.925 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW026389.D

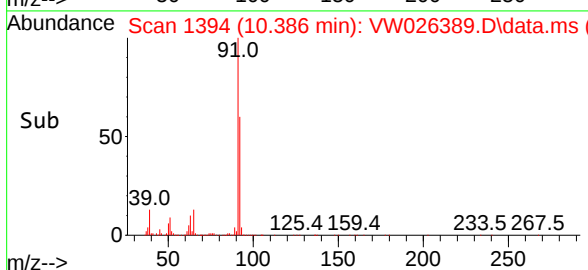
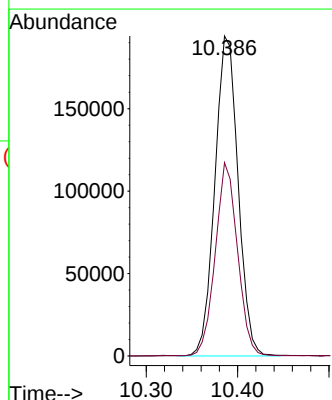
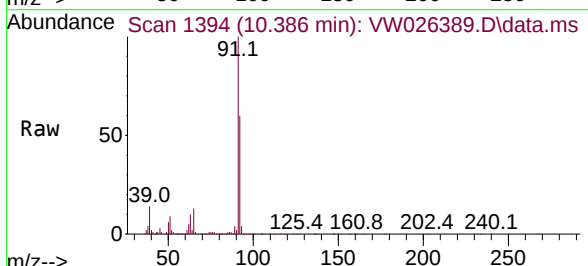
Acq: 28 Jun 2023 11:33

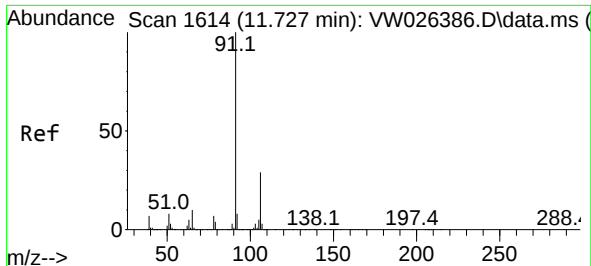
Tgt Ion: 91 Resp: 341928

Ion Ratio Lower Upper

91 100

92 60.4 40.3 74.8

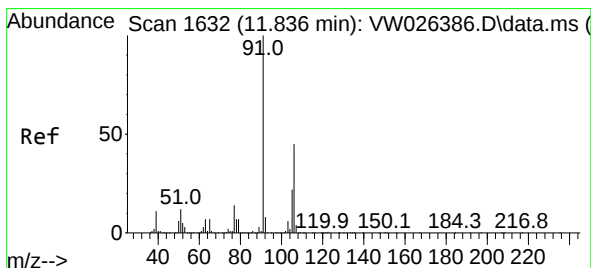
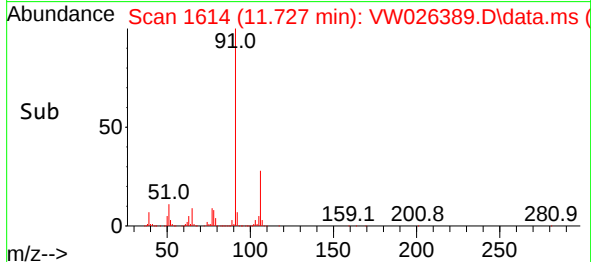
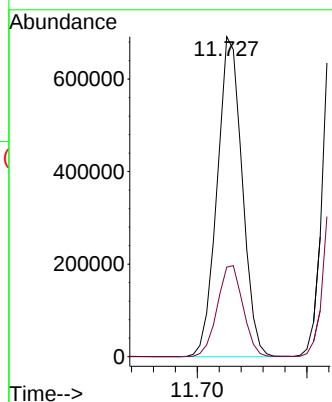
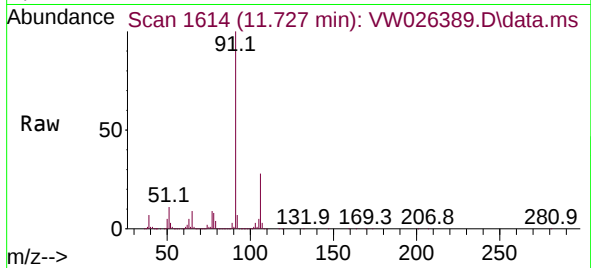




#52
Ethylbenzene
Concen: 19.742 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW026389.D
Acq: 28 Jun 2023 11:33

Instrument :
MSVOA_W
ClientSampleId :
A4652

Tgt Ion: 91 Resp: 1098459
Ion Ratio Lower Upper
91 100
106 28.0 19.9 36.9



#53
m,p-Xylene
Concen: 48.418 ug/L
RT: 11.830 min Scan# 1631
Delta R.T. -0.006 min
Lab File: VW026389.D
Acq: 28 Jun 2023 11:33

Tgt Ion:106 Resp: 982495
Ion Ratio Lower Upper
106 100
91 212.1 152.1 282.5

