

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW063023\
 Data File : VW026470.D
 Acq On : 30 Jun 2023 14:17
 Operator : SY/MD
 Sample : 03452-16RE
 Misc : 4.68g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 A46P8RE

Quant Time: Jun 30 23:41:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM062923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 30 23:38:58 2023
 Response via : Initial Calibration

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

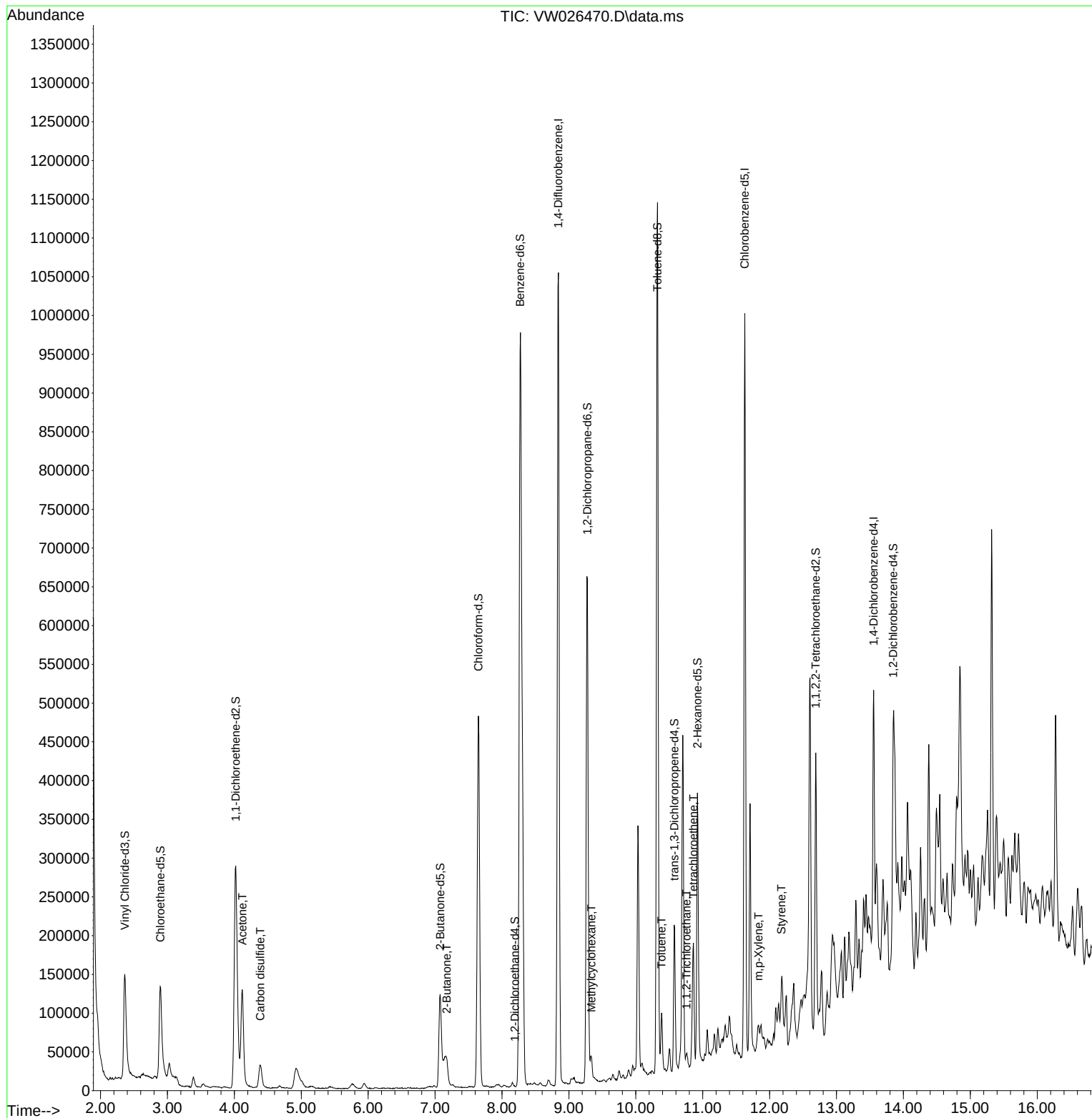
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	859907	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	503644	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	93929	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	239511	24.463	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	=	97.840%	
7) Chloroethane-d5	2.893	69	194547	24.402	ug/L	0.00
Spiked Amount	25.000	Range 30 - 150	Recovery	=	97.600%	
11) 1,1-Dichloroethene-d2	4.021	65	116705	23.823	ug/L	0.00
Spiked Amount	25.000	Range 45 - 110	Recovery	=	95.280%	
21) 2-Butanone-d5	7.075	46	218163	58.960	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	=	117.920%	
24) Chloroform-d	7.648	84	488019	23.284	ug/L	0.00
Spiked Amount	25.000	Range 40 - 150	Recovery	=	93.120%	
26) 1,2-Dichloroethane-d4	8.191	65	100	0.009	ug/L	-0.12
Spiked Amount	25.000	Range 70 - 130	Recovery	=	0.040%#	
32) Benzene-d6	8.270	84	1016259	34.695	ug/L	0.00
Spiked Amount	25.000	Range 20 - 135	Recovery	=	138.800%#	
36) 1,2-Dichloropropane-d6	9.276	67	324986	34.811	ug/L	0.00
Spiked Amount	25.000	Range 70 - 120	Recovery	=	139.240%#	
41) Toluene-d8	10.325	98	735412	28.423	ug/L	0.00
Spiked Amount	25.000	Range 30 - 130	Recovery	=	113.680%	
43) trans-1,3-Dichloroprop...	10.575	79	104638	27.807	ug/L	0.00
Spiked Amount	25.000	Range 30 - 135	Recovery	=	111.240%	
47) 2-Hexanone-d5	10.922	63	122700	78.591	ug/L	0.00
Spiked Amount	50.000	Range 20 - 135	Recovery	=	157.180%#	
56) 1,1,2,2-Tetrachloroeth...	12.690	84	169537	23.520	ug/L	0.00
Spiked Amount	25.000	Range 45 - 120	Recovery	=	94.080%	
66) 1,2-Dichlorobenzene-d4	13.848	152	70704	21.618	ug/L	0.00
Spiked Amount	25.000	Range 75 - 120	Recovery	=	86.480%	
Target Compounds						
					Qvalue	
13) Acetone	4.118	43	214492	82.059	ug/L	97
14) Carbon disulfide	4.387	76	36860	1.183	ug/L	99
22) 2-Butanone	7.173	43	51795	12.086	ug/L	98
35) Methylcyclohexane	9.337	83	11082	0.774	ug/L	86
42) Toluene	10.386	91	52998	1.642	ug/L	99
45) 1,1,2-Trichloroethane	10.758	97	8309	1.457	ug/L #	38
46) Tetrachloroethene	10.861	164	33480	5.894	ug/L	97
53) m,p-Xylene	11.837	106	8652	0.643	ug/L	86
55) Styrene	12.178	104	27124	1.273	ug/L	97

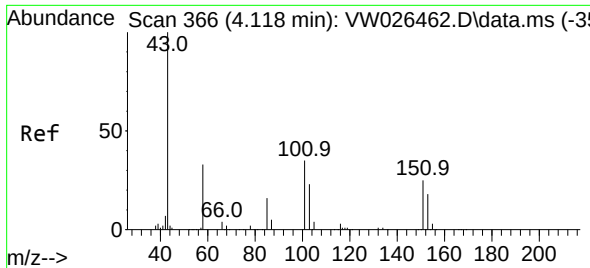
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
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Response via : Initial Calibration





#13

Acetone

Concen: 82.059 ug/L

RT: 4.118 min Scan# 3

Delta R.T. 0.000 min

Lab File: VW026470.D

Acq: 30 Jun 2023 14:17

Instrument :

MSVOA_W

ClientSampleId :

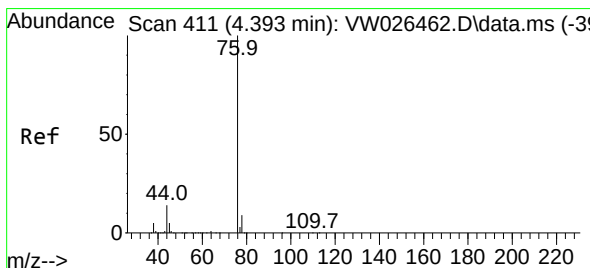
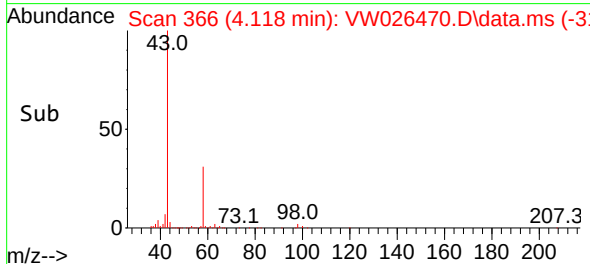
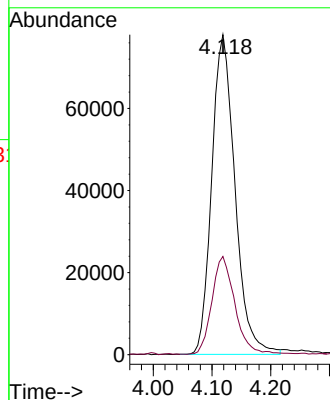
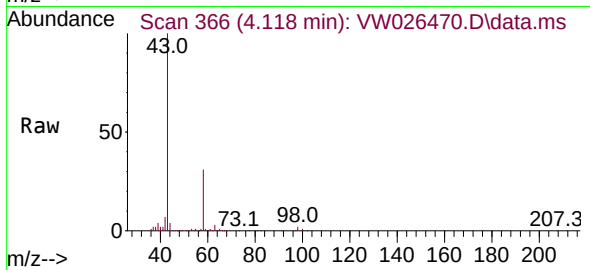
A46P8RE

Tgt Ion: 43 Resp: 214492

Ion Ratio Lower Upper

43 100

58 29.8 0.0 63.2



#14

Carbon disulfide

Concen: 1.183 ug/L

RT: 4.387 min Scan# 410

Delta R.T. -0.006 min

Lab File: VW026470.D

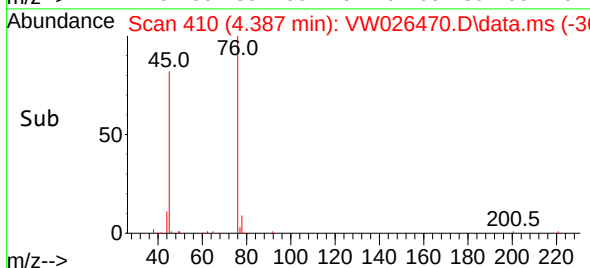
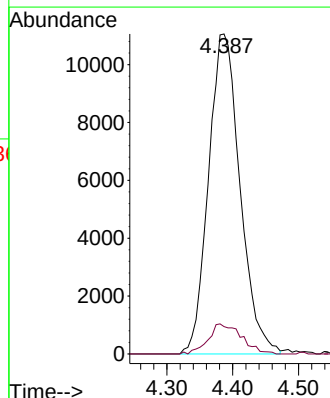
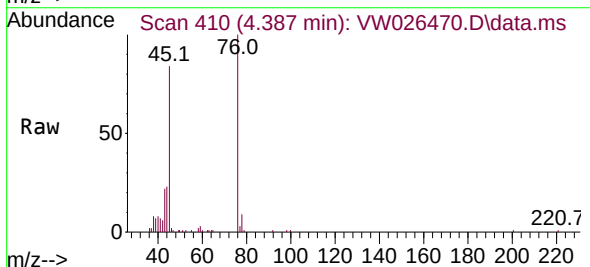
Acq: 30 Jun 2023 14:17

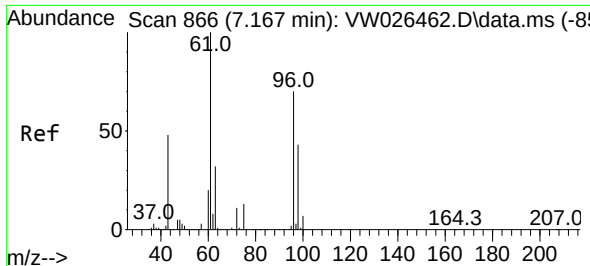
Tgt Ion: 76 Resp: 36860

Ion Ratio Lower Upper

76 100

78 8.6 7.1 10.7

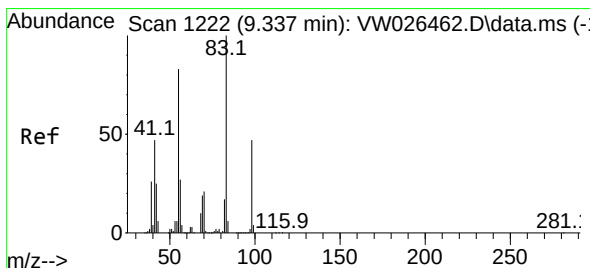
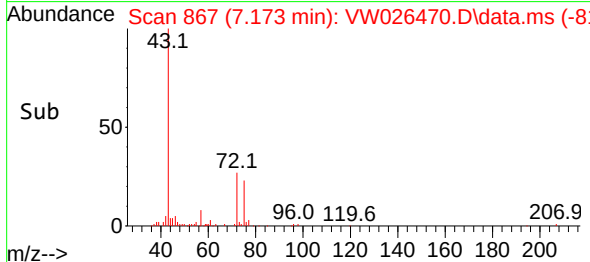
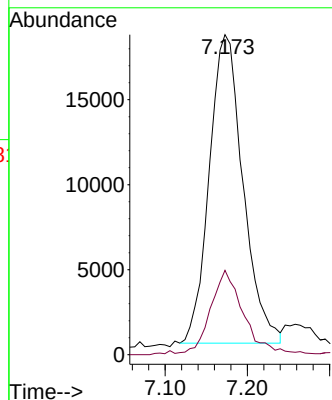
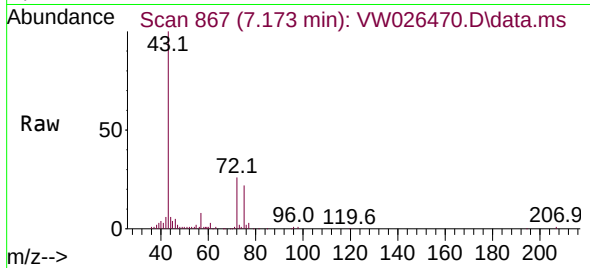




#22
2-Butanone
Concen: 12.086 ug/L
RT: 7.173 min Scan# 867
Delta R.T. 0.006 min
Lab File: VW026470.D
Acq: 30 Jun 2023 14:17

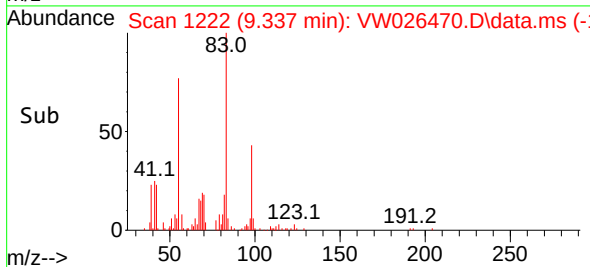
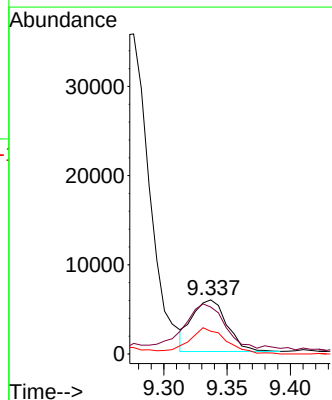
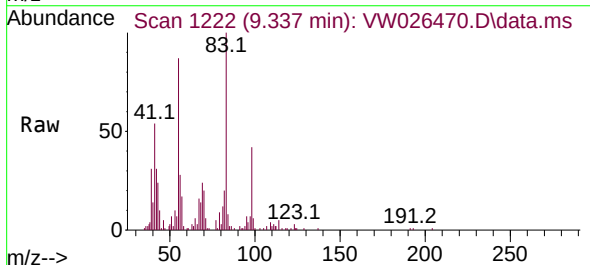
Instrument :
MSVOA_W
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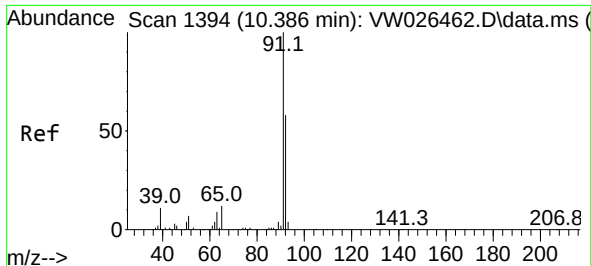
Tgt Ion: 43 Resp: 51795
Ion Ratio Lower Upper
43 100
72 24.1 12.6 37.8



#35
Methylcyclohexane
Concen: 0.774 ug/L
RT: 9.337 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VW026470.D
Acq: 30 Jun 2023 14:17

Tgt Ion: 83 Resp: 11082
Ion Ratio Lower Upper
83 100
55 97.1 66.5 99.7
98 54.6 37.0 55.6

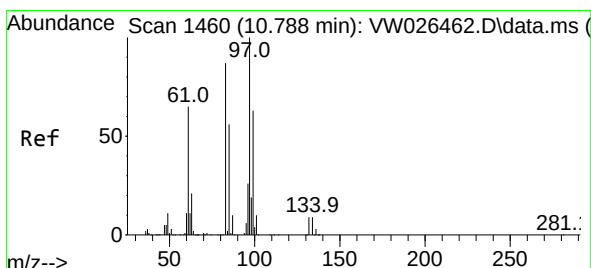
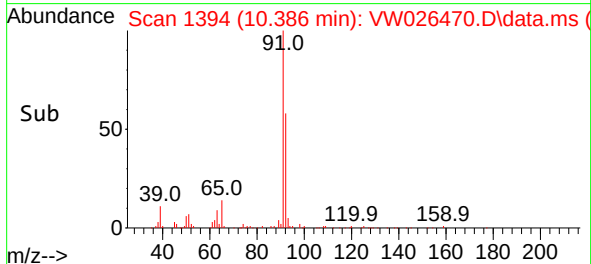
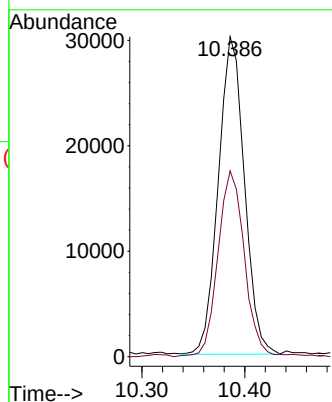
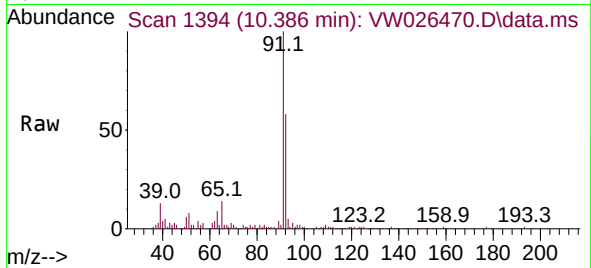




#42
Toluene
Concen: 1.642 ug/L
RT: 10.386 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW026470.D
Acq: 30 Jun 2023 14:17

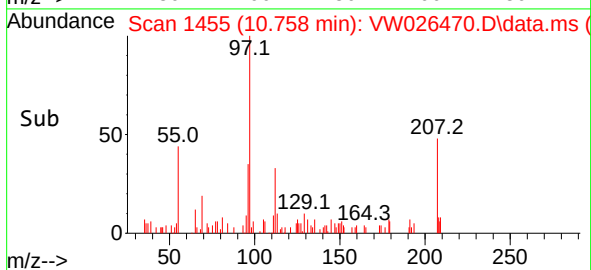
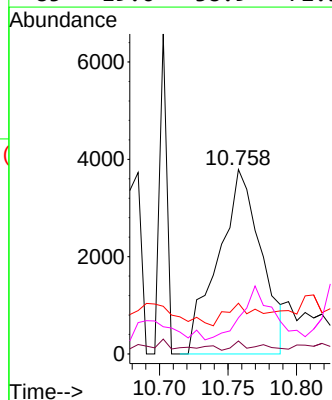
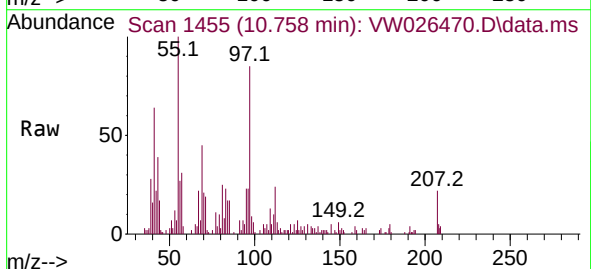
Instrument :
MSVOA_W
ClientSampleId :
A46P8RE

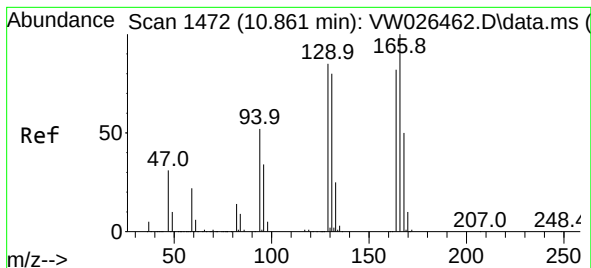
Tgt Ion: 91 Resp: 52998
Ion Ratio Lower Upper
91 100
92 58.0 41.4 76.8



#45
1,1,2-Trichloroethane
Concen: 1.457 ug/L
RT: 10.758 min Scan# 1455
Delta R.T. -0.030 min
Lab File: VW026470.D
Acq: 30 Jun 2023 14:17

Tgt Ion: 97 Resp: 8309
Ion Ratio Lower Upper
97 100
99 7.0 42.1 78.3#
83 27.5 60.5 112.5#
85 19.6 38.9 72.3#





#46

Tetrachloroethene

Concen: 5.894 ug/L

RT: 10.861 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VW026470.D

Acq: 30 Jun 2023 14:17

Instrument :

MSVOA_W

ClientSampleId :

A46P8RE

Tgt Ion:164 Resp: 33480

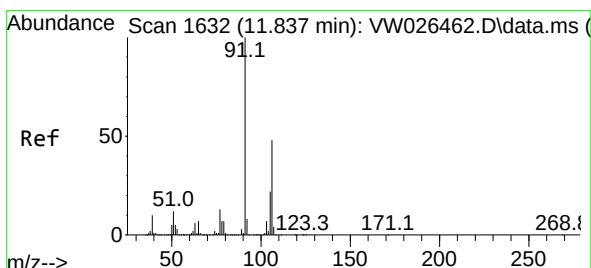
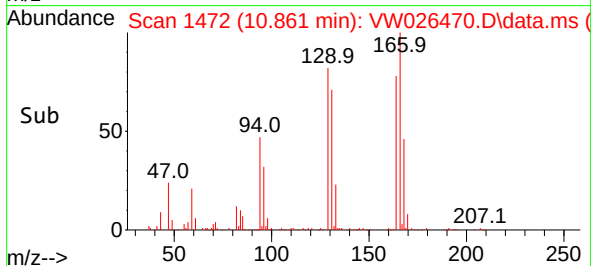
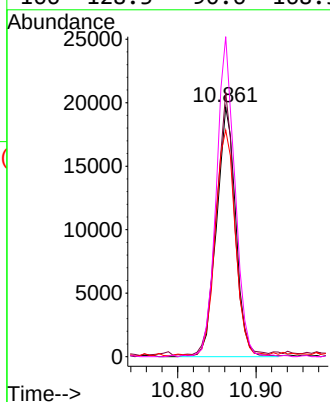
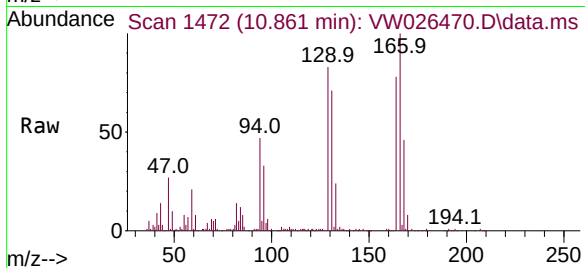
Ion Ratio Lower Upper

164 100

129 105.9 69.0 128.2

131 90.9 62.6 116.3

166 128.3 90.6 168.3



#53

m,p-Xylene

Concen: 0.643 ug/L

RT: 11.837 min Scan# 1632

Delta R.T. 0.000 min

Lab File: VW026470.D

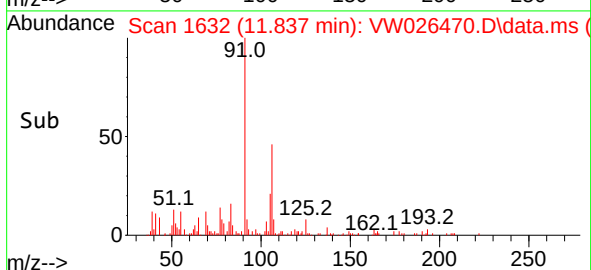
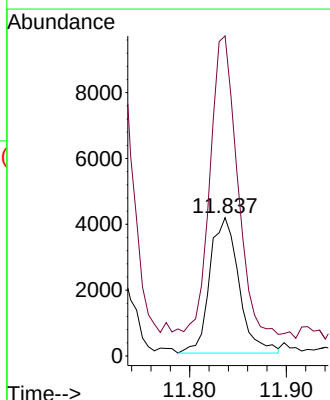
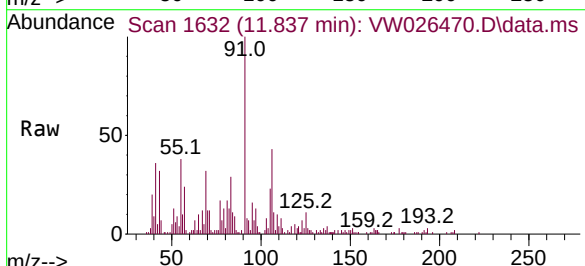
Acq: 30 Jun 2023 14:17

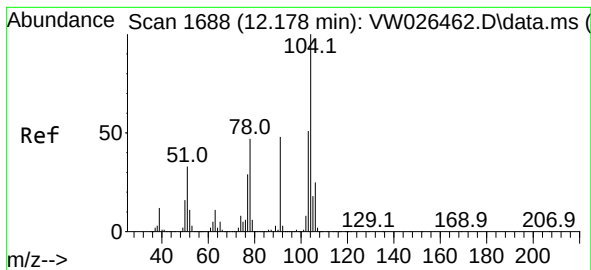
Tgt Ion:106 Resp: 8652

Ion Ratio Lower Upper

106 100

91 231.6 146.7 272.5





#55

Styrene

Concen: 1.273 ug/L

RT: 12.178 min Scan# 1

Delta R.T. 0.000 min

Lab File: VW026470.D

Acq: 30 Jun 2023 14:17

Instrument :

MSVOA_W

ClientSampleId :

A46P8RE

Tgt Ion:104 Resp: 27124

Ion Ratio Lower Upper

104 100

78 47.8 34.8 64.6

