

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW062124\
 Data File : VW029308.D
 Acq On : 21 Jun 2024 17:35
 Operator : SY/MD
 Sample : P2982-09
 Misc : 4.74g/10mL/MSVOA_W/SOIL/A
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jun 21 22:58:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM061824SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jun 21 22:53:01 2024
 Response via : Initial Calibration

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

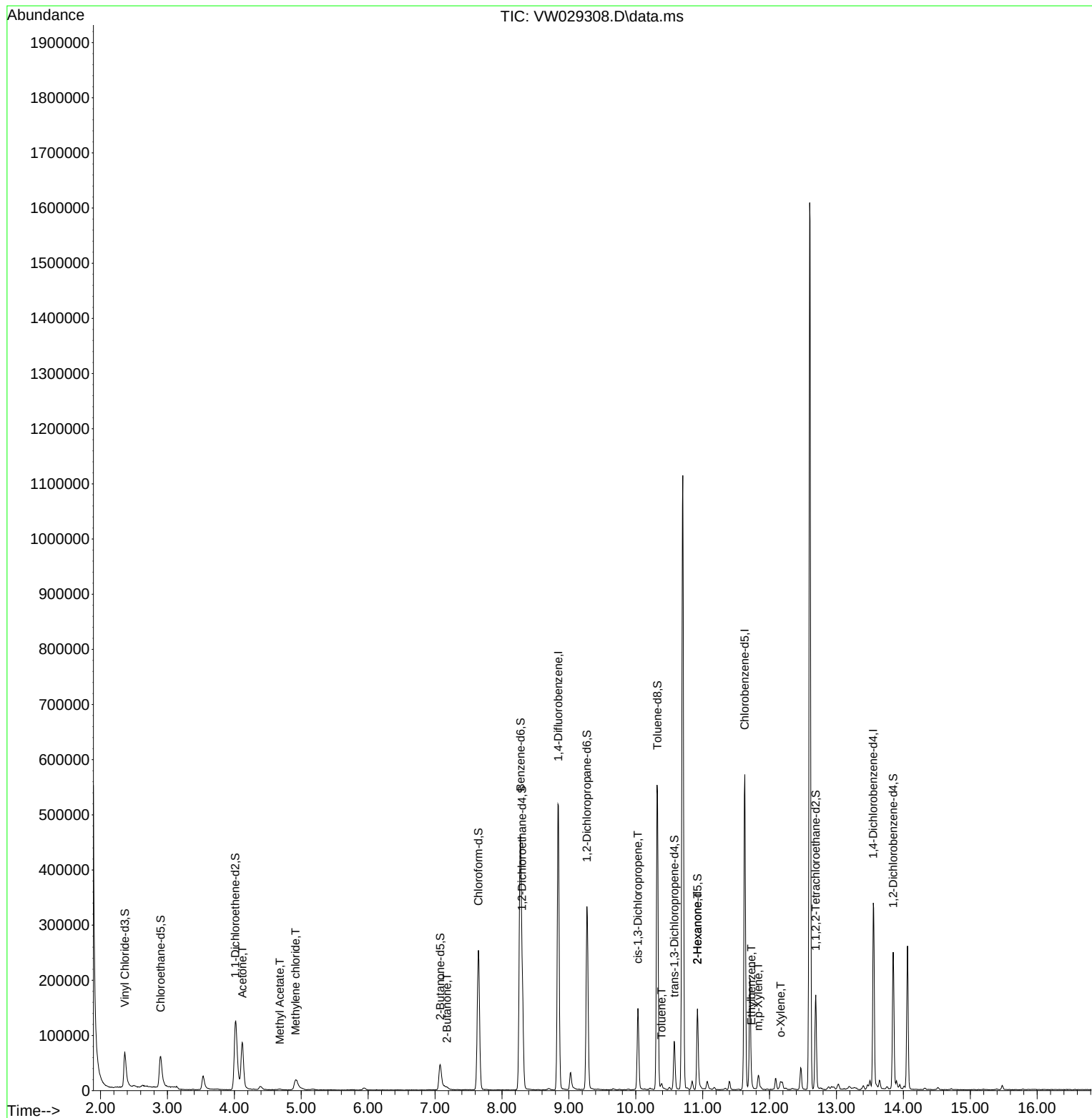
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	413330	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	288703	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.550	152	80660	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	106016	18.531	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	74.120%		
7) Chloroethane-d5	2.899	69	93331	19.318	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	77.280%		
11) 1,1-Dichloroethene-d2	4.015	65	51666	18.704	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	74.800%		
21) 2-Butanone-d5	7.075	46	80092	46.793	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	93.580%		
24) Chloroform-d	7.648	84	250559	20.321	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	81.280%		
26) 1,2-Dichloroethane-d4	8.301	65	139571	19.716	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	78.880%		
32) Benzene-d6	8.276	84	460691	26.271	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	105.080%		
36) 1,2-Dichloropropane-d6	9.270	67	152649	27.385	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	109.520%		
41) Toluene-d8	10.325	98	356003	22.946	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	91.800%		
43) trans-1,3-Dichloroprop...	10.575	79	46089	20.518	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	82.080%		
47) 2-Hexanone-d5	10.922	63	47105	53.906	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	107.820%		
56) 1,1,2,2-Tetrachloroeth...	12.690	84	83602	18.844	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	75.360%		
66) 1,2-Dichlorobenzene-d4	13.849	152	62146	22.197	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	88.800%		
Target Compounds						Qvalue
13) Acetone	4.119	43	145876	100.287	ug/L	97
15) Methyl Acetate	4.679	43	2684	0.929	ug/L #	74
16) Methylene chloride	4.917	84	17063	2.348	ug/L	97
22) 2-Butanone	7.179	43	8069	4.047	ug/L	87
39) cis-1,3-Dichloropropene	10.032	75	3450	0.501	ug/L #	69
42) Toluene	10.386	91	6653	0.373	ug/L	92
48) 2-Hexanone	10.922	43	6647	3.101	ug/L #	70
52) Ethylbenzene	11.727	91	5969	0.295	ug/L	94
53) m,p-Xylene	11.831	106	7063	0.955	ug/L	95
54) o-Xylene	12.166	106	2988	0.432	ug/L	99

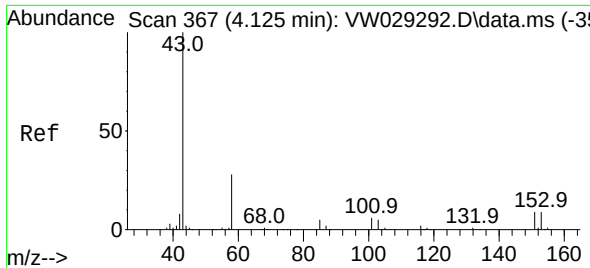
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Fri Jun 21 22:53:01 2024
Response via : Initial Calibration





#13

Acetone

Concen: 100.287 ug/L

RT: 4.119 min Scan# 3

Delta R.T. -0.006 min

Lab File: VW029308.D

Acq: 21 Jun 2024 17:35

Instrument :

MSVOA_W

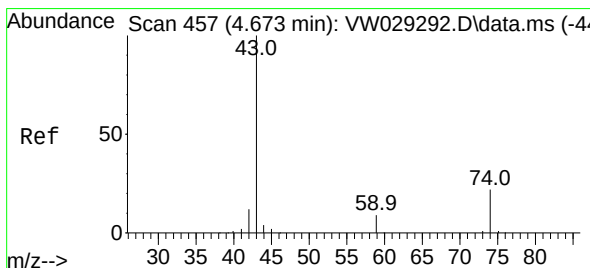
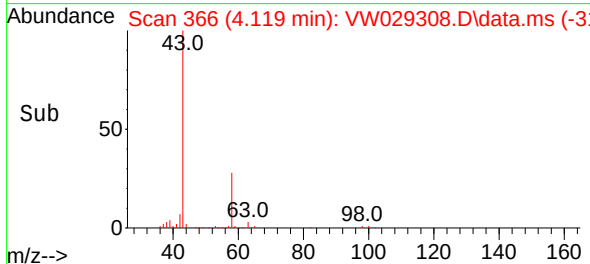
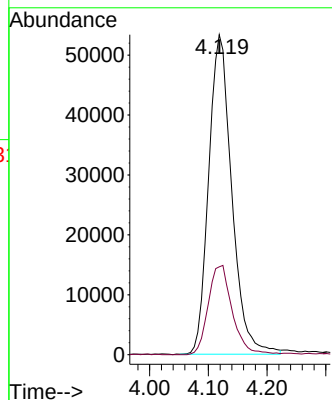
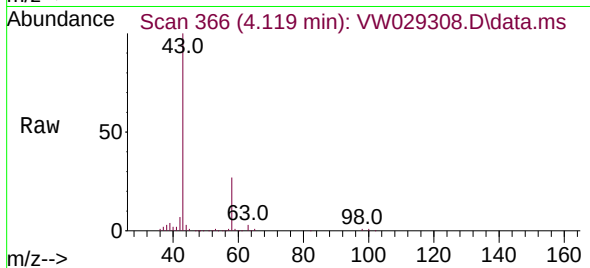
ClientSampleId :

Tgt Ion: 43 Resp: 145876

Ion Ratio Lower Upper

43 100

58 29.1 0.0 61.4



#15

Methyl Acetate

Concen: 0.929 ug/L

RT: 4.679 min Scan# 458

Delta R.T. 0.006 min

Lab File: VW029308.D

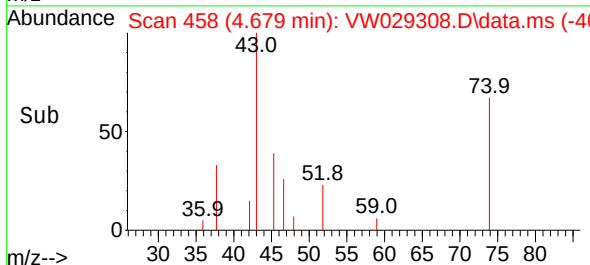
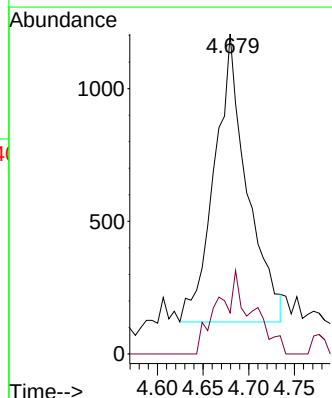
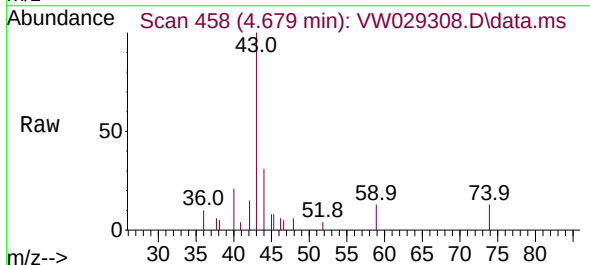
Acq: 21 Jun 2024 17:35

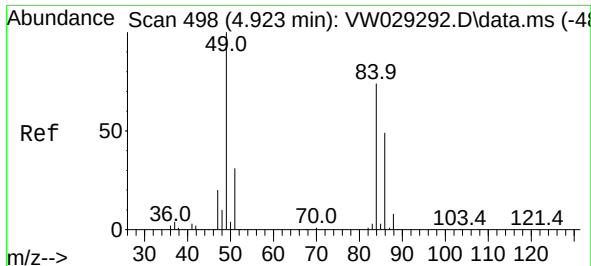
Tgt Ion: 43 Resp: 2684

Ion Ratio Lower Upper

43 100

74 8.6 16.6 25.0#

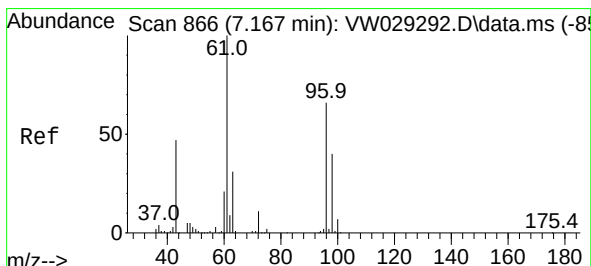
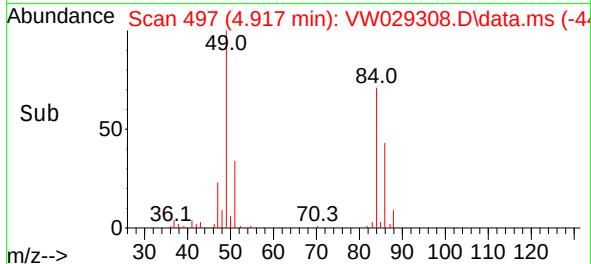
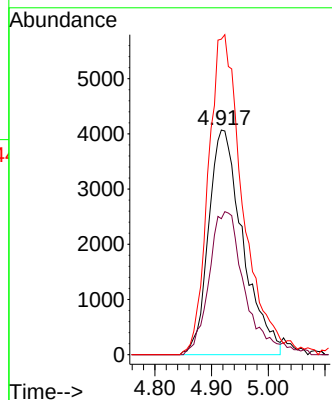
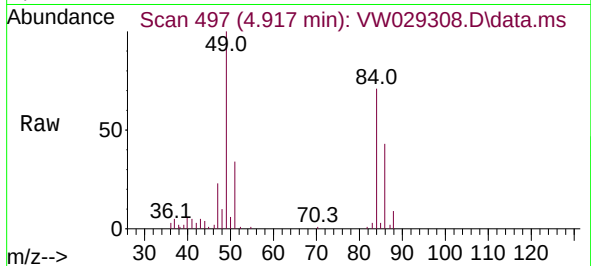




#16
Methylene chloride
Concen: 2.348 ug/L
RT: 4.917 min Scan# 497
Delta R.T. -0.006 min
Lab File: VW029308.D
Acq: 21 Jun 2024 17:35

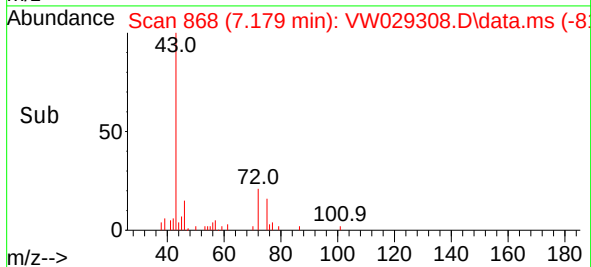
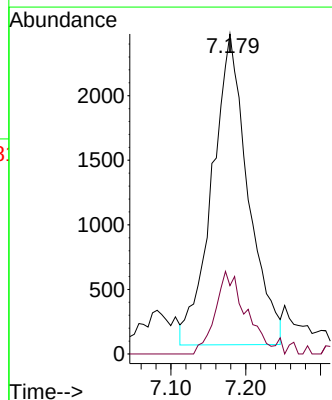
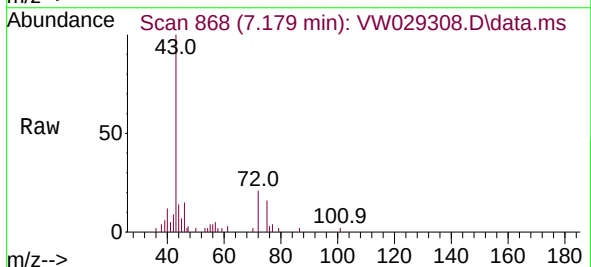
Instrument :
MSVOA_W
ClientSampleId :

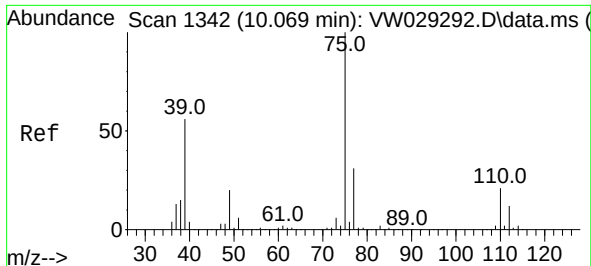
Tgt Ion: 84 Resp: 17063
Ion Ratio Lower Upper
84 100
86 60.6 41.4 77.0
49 140.4 95.7 177.7



#22
2-Butanone
Concen: 4.047 ug/L
RT: 7.179 min Scan# 868
Delta R.T. 0.012 min
Lab File: VW029308.D
Acq: 21 Jun 2024 17:35

Tgt Ion: 43 Resp: 8069
Ion Ratio Lower Upper
43 100
72 17.5 11.9 35.7





#39

cis-1,3-Dichloropropene

Concen: 0.501 ug/L

RT: 10.032 min Scan# 1336

Delta R.T. -0.037 min

Lab File: VW029308.D

Acq: 21 Jun 2024 17:35

Instrument :

MSVOA_W

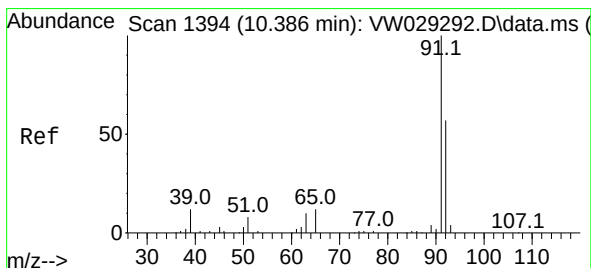
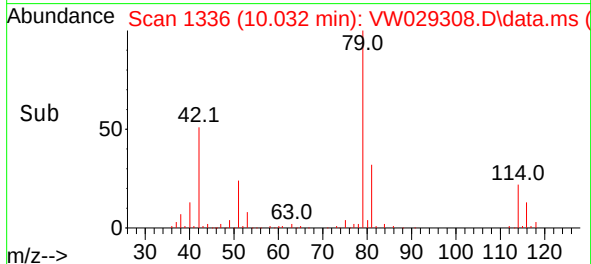
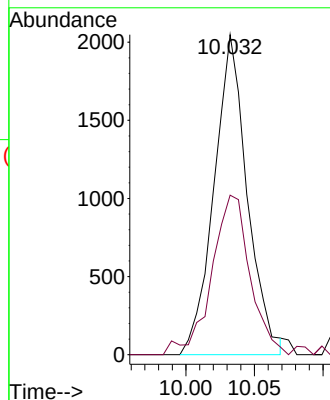
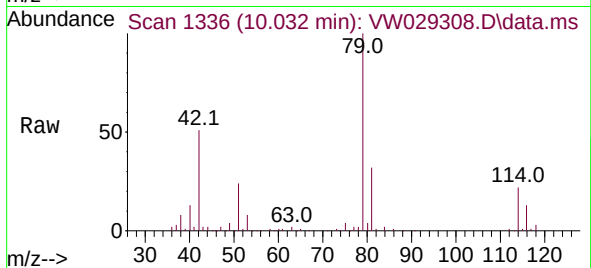
ClientSampleId :

Tgt Ion: 75 Resp: 3450

Ion Ratio Lower Upper

75 100

77 49.9 22.7 42.1#



#42

Toluene

Concen: 0.373 ug/L

RT: 10.386 min Scan# 1394

Delta R.T. 0.000 min

Lab File: VW029308.D

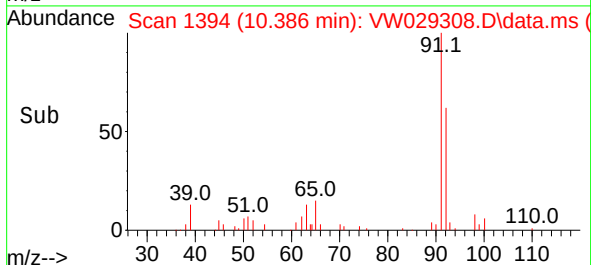
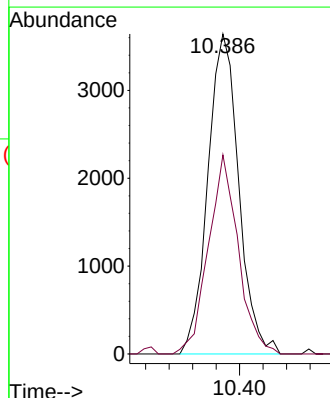
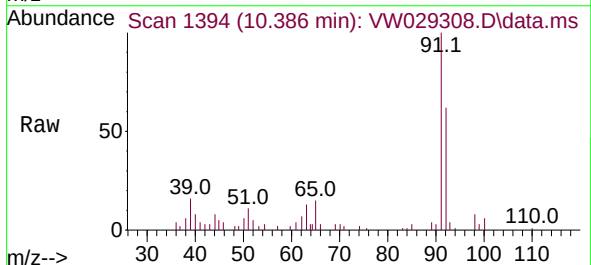
Acq: 21 Jun 2024 17:35

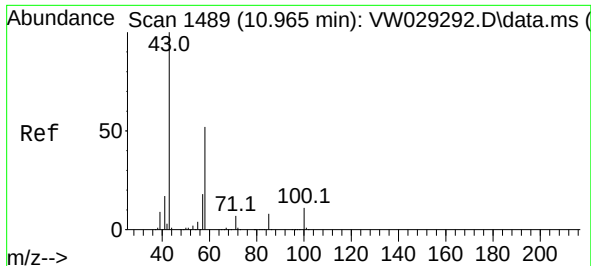
Tgt Ion: 91 Resp: 6653

Ion Ratio Lower Upper

91 100

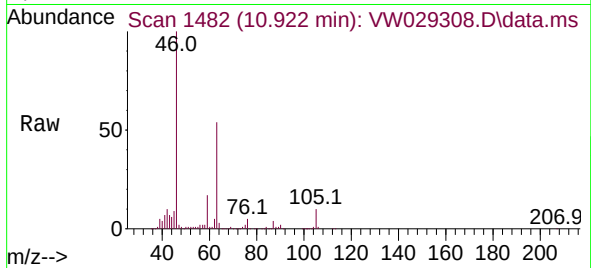
92 62.2 39.3 73.1



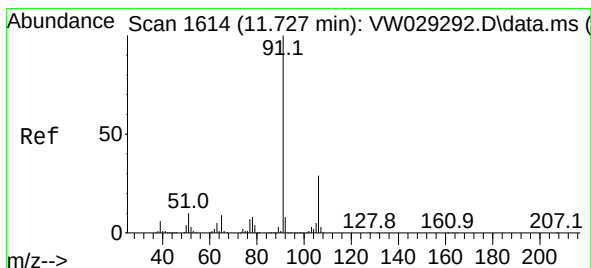
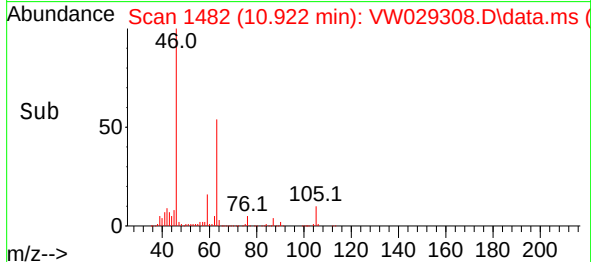
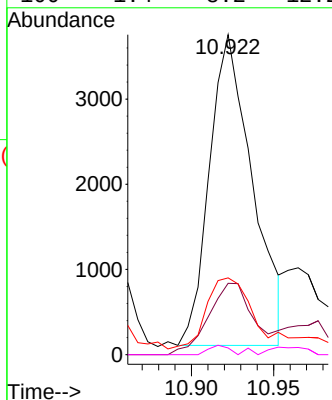


#48
2-Hexanone
Concen: 3.101 ug/L
RT: 10.922 min Scan# 1489
Delta R.T. -0.043 min
Lab File: VW029308.D
Acq: 21 Jun 2024 17:35

Instrument :
MSVOA_W
ClientSampleId :

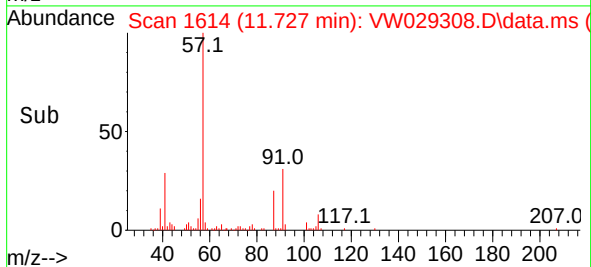
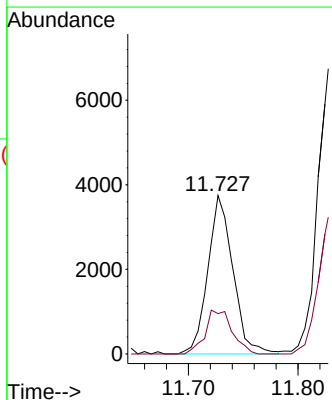
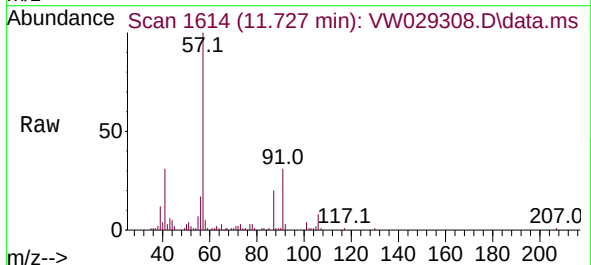


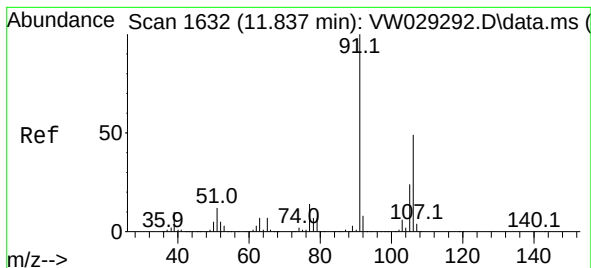
Tgt Ion: 43 Resp: 6647
Ion Ratio Lower Upper
43 100
58 23.5 39.6 59.4#
57 23.0 14.6 21.8#
100 1.4 8.2 12.2#



#52
Ethylbenzene
Concen: 0.295 ug/L
RT: 11.727 min Scan# 1614
Delta R.T. 0.000 min
Lab File: VW029308.D
Acq: 21 Jun 2024 17:35

Tgt Ion: 91 Resp: 5969
Ion Ratio Lower Upper
91 100
106 25.4 19.9 37.0





#53

m,p-Xylene

Concen: 0.955 ug/L

RT: 11.831 min Scan# 1

Delta R.T. -0.006 min

Lab File: VW029308.D

Acq: 21 Jun 2024 17:35

Instrument :

MSVOA_W

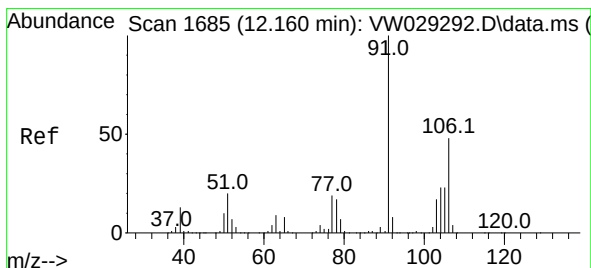
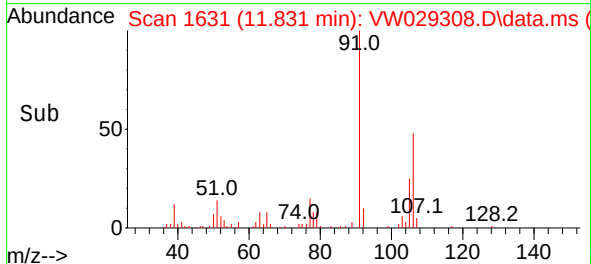
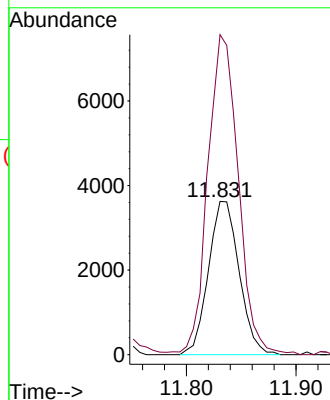
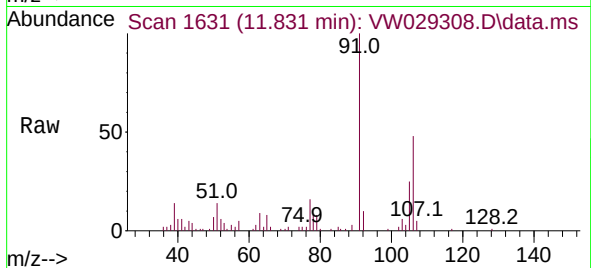
ClientSampleId :

Tgt Ion:106 Resp: 7063

Ion Ratio Lower Upper

106 100

91 208.8 140.5 260.9



#54

o-Xylene

Concen: 0.432 ug/L

RT: 12.166 min Scan# 1686

Delta R.T. 0.006 min

Lab File: VW029308.D

Acq: 21 Jun 2024 17:35

Tgt Ion:106 Resp: 2988

Ion Ratio Lower Upper

106 100

91 212.2 149.9 278.5

