

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051722\
 Data File : VW023095.D
 Acq On : 17 May 2022 13:00
 Operator : SY/VA
 Sample : N2843-15RE
 Misc : 6.58g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 EW4J5RE

Quant Time: May 18 01:28:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050222SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed May 18 01:26:16 2022
 Response via : Initial Calibration

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

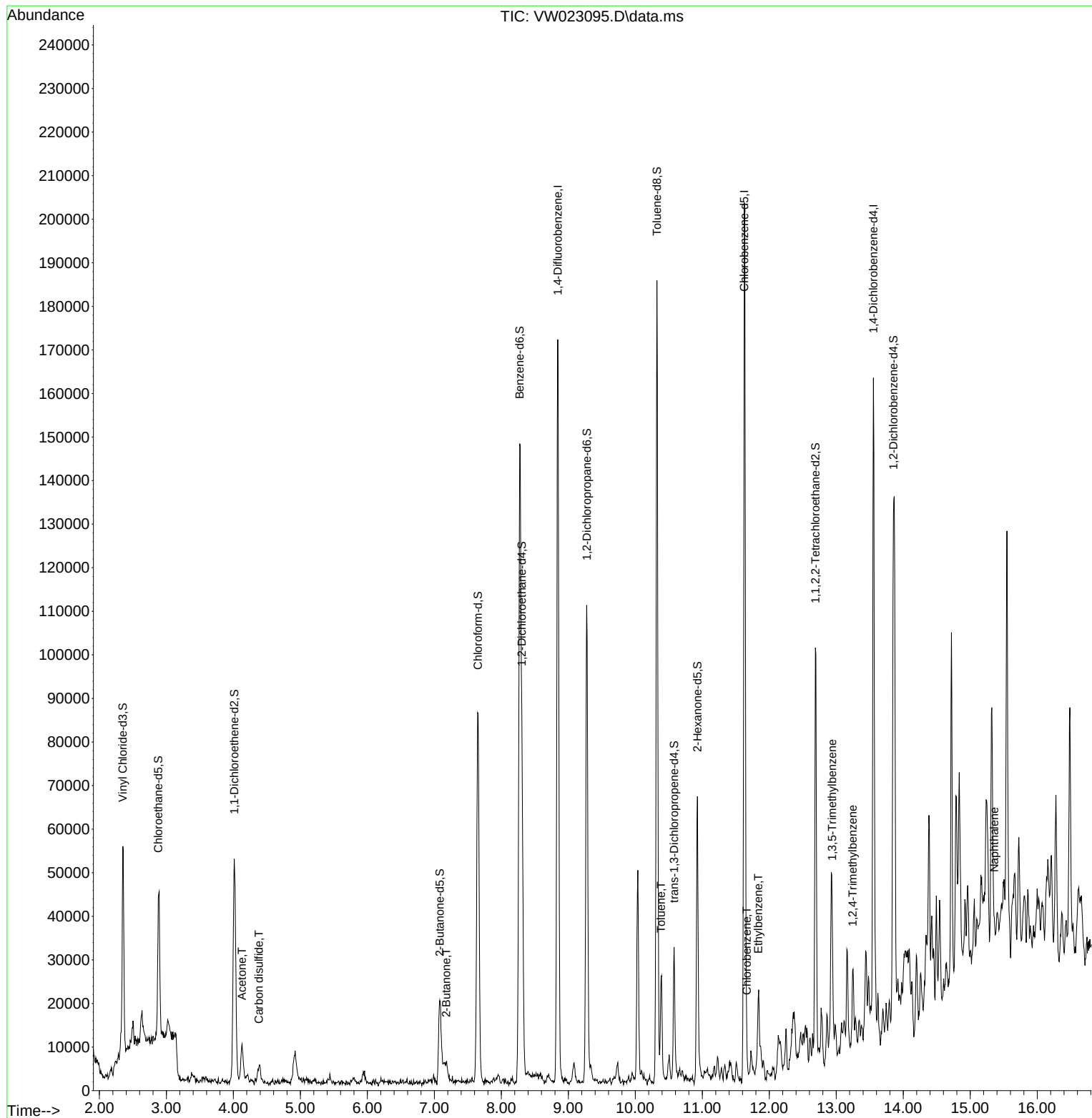
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	144842	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	112880	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	35559	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	44500	14.975	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	59.880%
7) Chloroethane-d5	2.879	69	38605	19.969	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.880%
11) 1,1-Dichloroethene-d2	4.013	63	48106	12.529	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	50.120%
21) 2-Butanone-d5	7.080	46	30661	54.267	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.540%
24) Chloroform-d	7.653	84	86560	20.398	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	81.600%
26) 1,2-Dichloroethane-d4	8.305	65	50250	21.591	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.360%
32) Benzene-d6	8.275	84	149467	22.973	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.880%
36) 1,2-Dichloropropane-d6	9.274	67	47451	25.963	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.840%
41) Toluene-d8	10.323	98	117472	18.690	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	74.760%
43) trans-1,3-Dichloroprop...	10.579	79	15534	18.459	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	73.840%
47) 2-Hexanone-d5	10.927	63	20824	59.686	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	119.380%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	45089	26.469	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	105.880%
66) 1,2-Dichlorobenzene-d4	13.853	152	26019	20.932	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	83.720%
Target Compounds						Qvalue
13) Acetone	4.129	43	13495	31.902	ug/L	98
14) Carbon disulfide	4.379	76	7534	1.481	ug/L	97
22) 2-Butanone	7.177	43	3233	5.465	ug/L	84
42) Toluene	10.384	91	16563	2.223	ug/L	91
51) Chlorobenzene	11.664	112	3378	0.688	ug/L #	86
52) Ethylbenzene	11.835	91	5397	0.651	ug/L	83
62) 1,3,5-Trimethylbenzene	12.938	105	3802	1.403	ug/L	94
63) 1,2,4-Trimethylbenzene	13.243	105	10287	2.528	ug/L	97
71) Naphthalene	15.359	128	6918	2.741	ug/L #	91

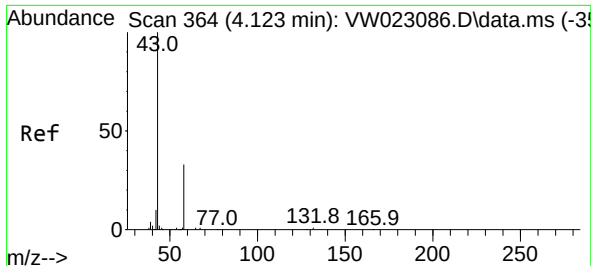
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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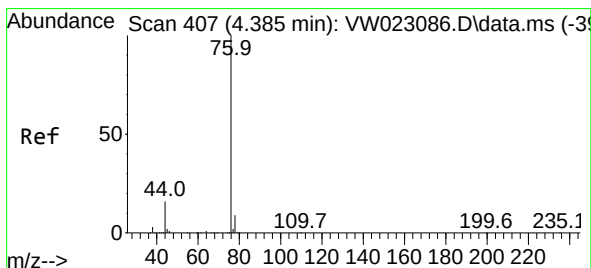
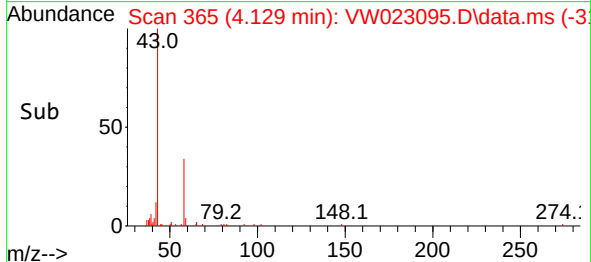
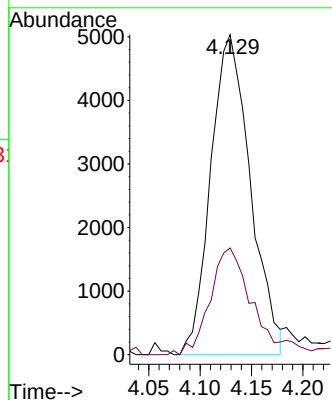
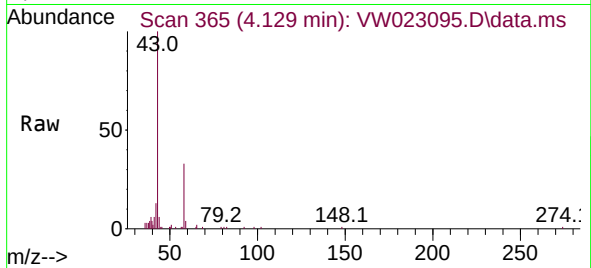




#13
Acetone
Concen: 31.902 ug/L
RT: 4.129 min Scan# 30
Delta R.T. 0.006 min
Lab File: VW023095.D
Acq: 17 May 2022 13:00

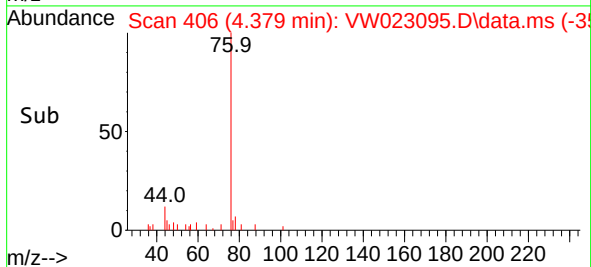
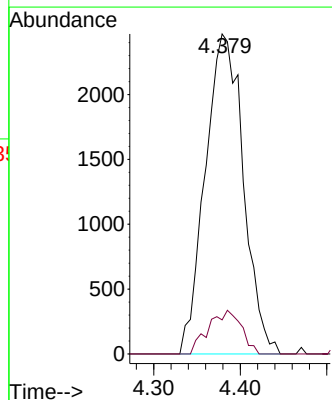
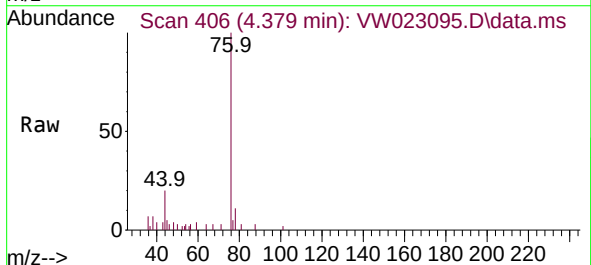
Instrument :
MSVOA_W
ClientSampleId :
EW4J5RE

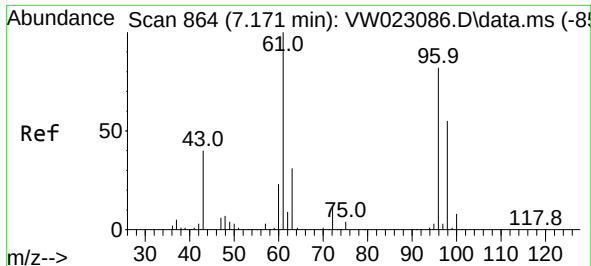
Tgt Ion: 43 Resp: 13495
Ion Ratio Lower Upper
43 100
58 33.1 0.0 64.0



#14
Carbon disulfide
Concen: 1.481 ug/L
RT: 4.379 min Scan# 406
Delta R.T. -0.006 min
Lab File: VW023095.D
Acq: 17 May 2022 13:00

Tgt Ion: 76 Resp: 7534
Ion Ratio Lower Upper
76 100
78 10.7 7.7 11.5

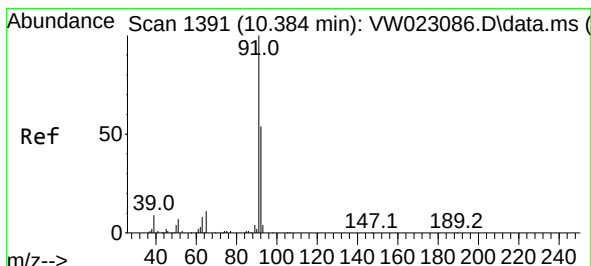
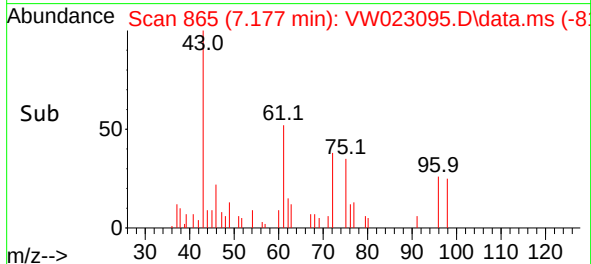
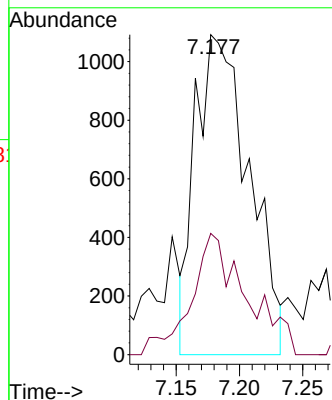
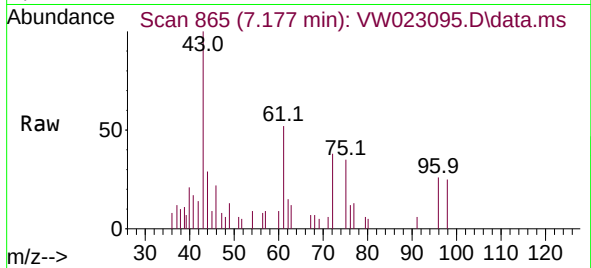




#22
2-Butanone
Concen: 5.465 ug/L
RT: 7.177 min Scan# 864
Delta R.T. 0.006 min
Lab File: VW023095.D
Acq: 17 May 2022 13:00

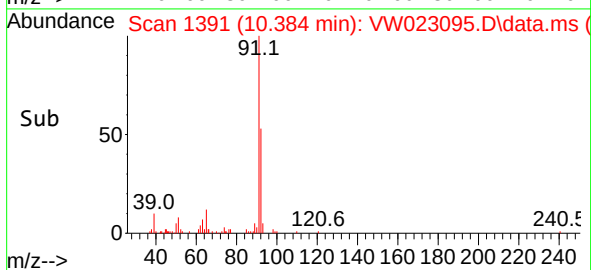
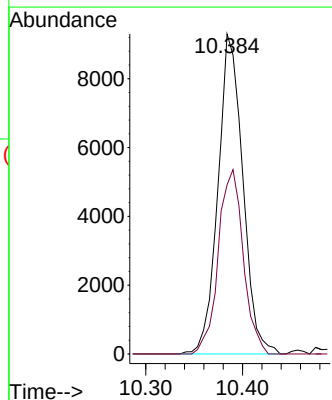
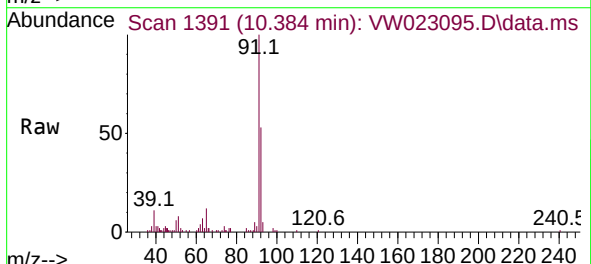
Instrument :
MSVOA_W
ClientSampleId :
EW4J5RE

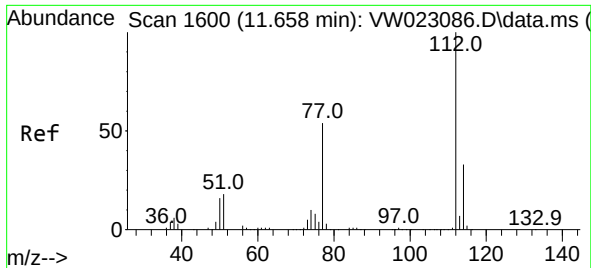
Tgt Ion: 43 Resp: 3233
Ion Ratio Lower Upper
43 100
72 21.5 15.1 45.3



#42
Toluene
Concen: 2.223 ug/L
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW023095.D
Acq: 17 May 2022 13:00

Tgt Ion: 91 Resp: 16563
Ion Ratio Lower Upper
91 100
92 52.9 41.6 77.2

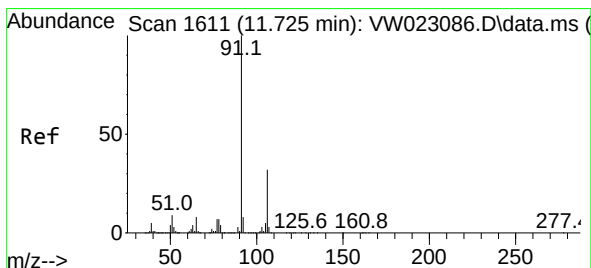
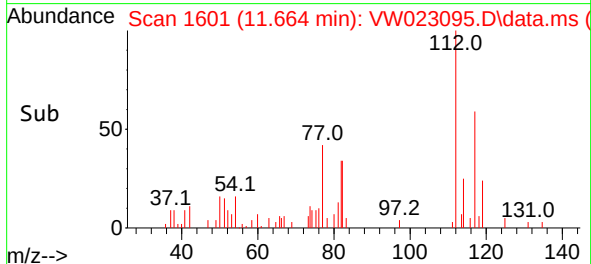
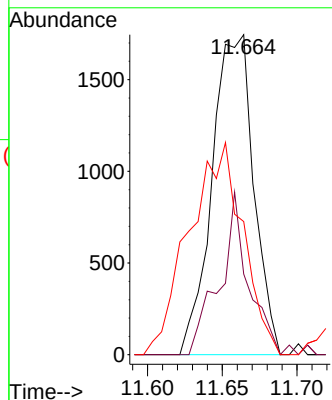
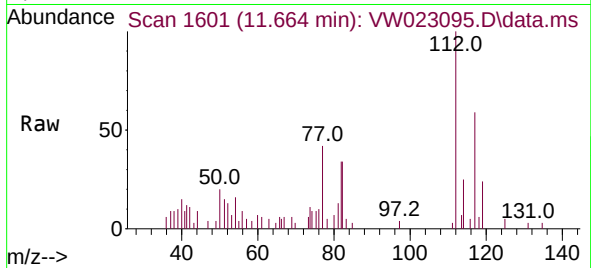




#51
Chlorobenzene
Concen: 0.688 ug/L
RT: 11.664 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW023095.D
Acq: 17 May 2022 13:00

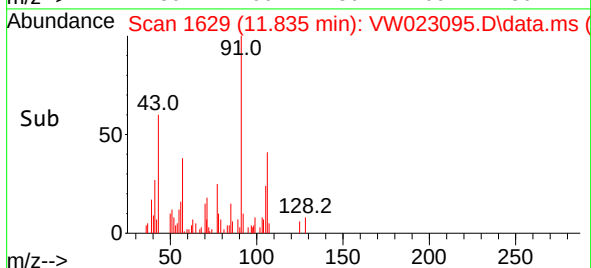
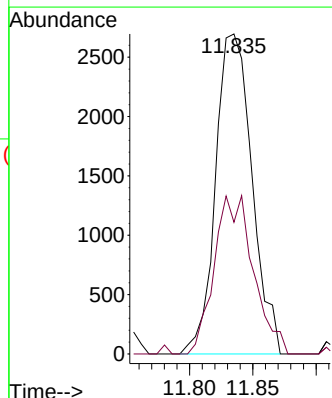
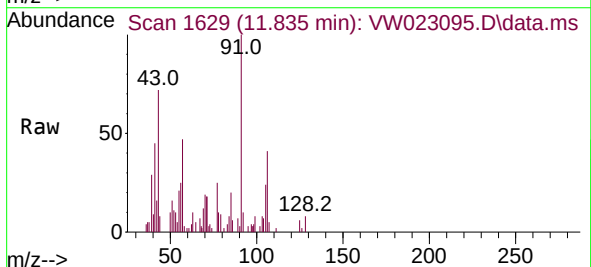
Instrument :
MSVOA_W
ClientSampleId :
EW4J5RE

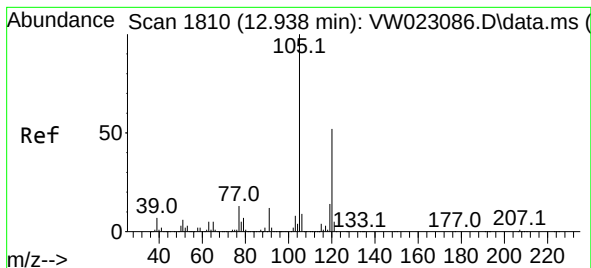
Tgt Ion:112 Resp: 3378
Ion Ratio Lower Upper
112 100
114 25.2 22.0 41.0
77 41.6 42.6 63.8#



#52
Ethylbenzene
Concen: 0.651 ug/L
RT: 11.835 min Scan# 1629
Delta R.T. 0.110 min
Lab File: VW023095.D
Acq: 17 May 2022 13:00

Tgt Ion: 91 Resp: 5397
Ion Ratio Lower Upper
91 100
106 41.2 22.3 41.3





#62

1,3,5-Trimethylbenzene

Concen: 1.403 ug/L

RT: 12.938 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VW023095.D

Acq: 17 May 2022 13:00

Instrument :

MSVOA_W

ClientSampleId :

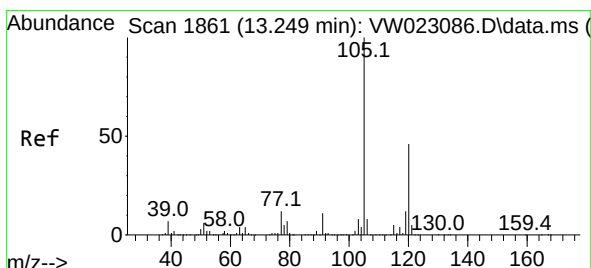
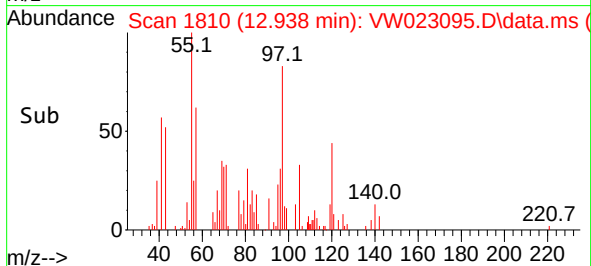
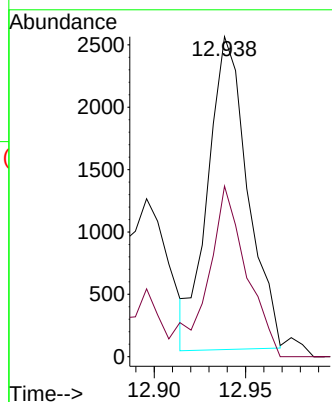
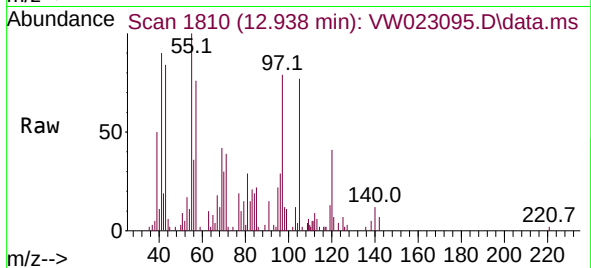
EW4J5RE

Tgt Ion:105 Resp: 3802

Ion Ratio Lower Upper

105 100

120 52.8 38.9 58.3



#63

1,2,4-Trimethylbenzene

Concen: 2.528 ug/L

RT: 13.243 min Scan# 1860

Delta R.T. -0.006 min

Lab File: VW023095.D

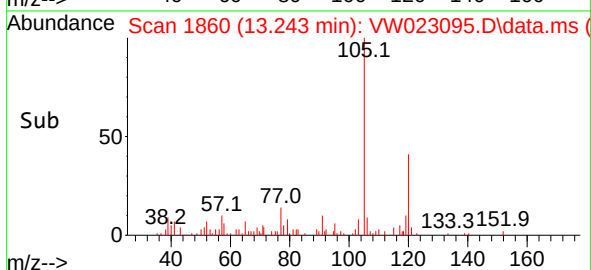
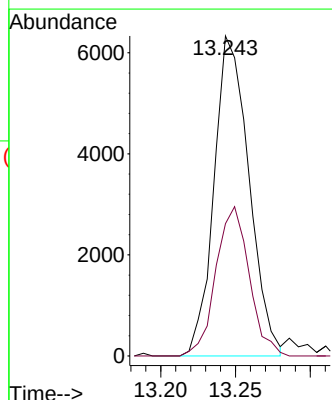
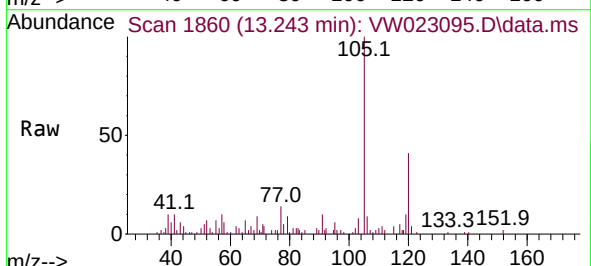
Acq: 17 May 2022 13:00

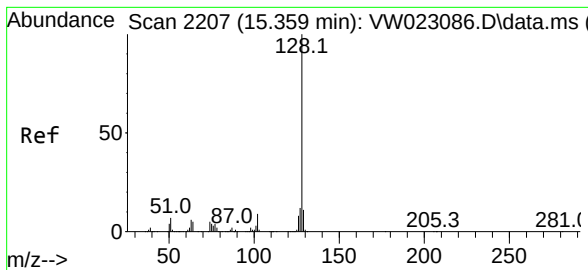
Tgt Ion:105 Resp: 10287

Ion Ratio Lower Upper

105 100

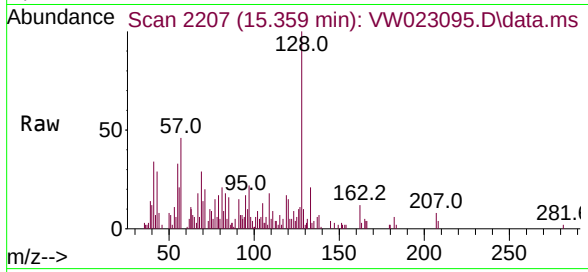
120 44.5 37.4 56.2





#71
Naphthalene
Concen: 2.741 ug/L
RT: 15.359 min Scan# 21
Delta R.T. 0.000 min
Lab File: VW023095.D
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Tgt Ion:	128	Resp:	6918
Ion	Ratio	Lower	Upper
128	100		
127	8.0	10.6	16.0#
129	12.7	8.7	13.1

