

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092022\
 Data File : VU050837.D
 Acq On : 20 Sep 2022 17:36
 Operator : JC/MD
 Sample : N4651-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXZ21

Quant Time: Sep 21 02:25:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 21 02:18:13 2022
 Response via : Initial Calibration

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

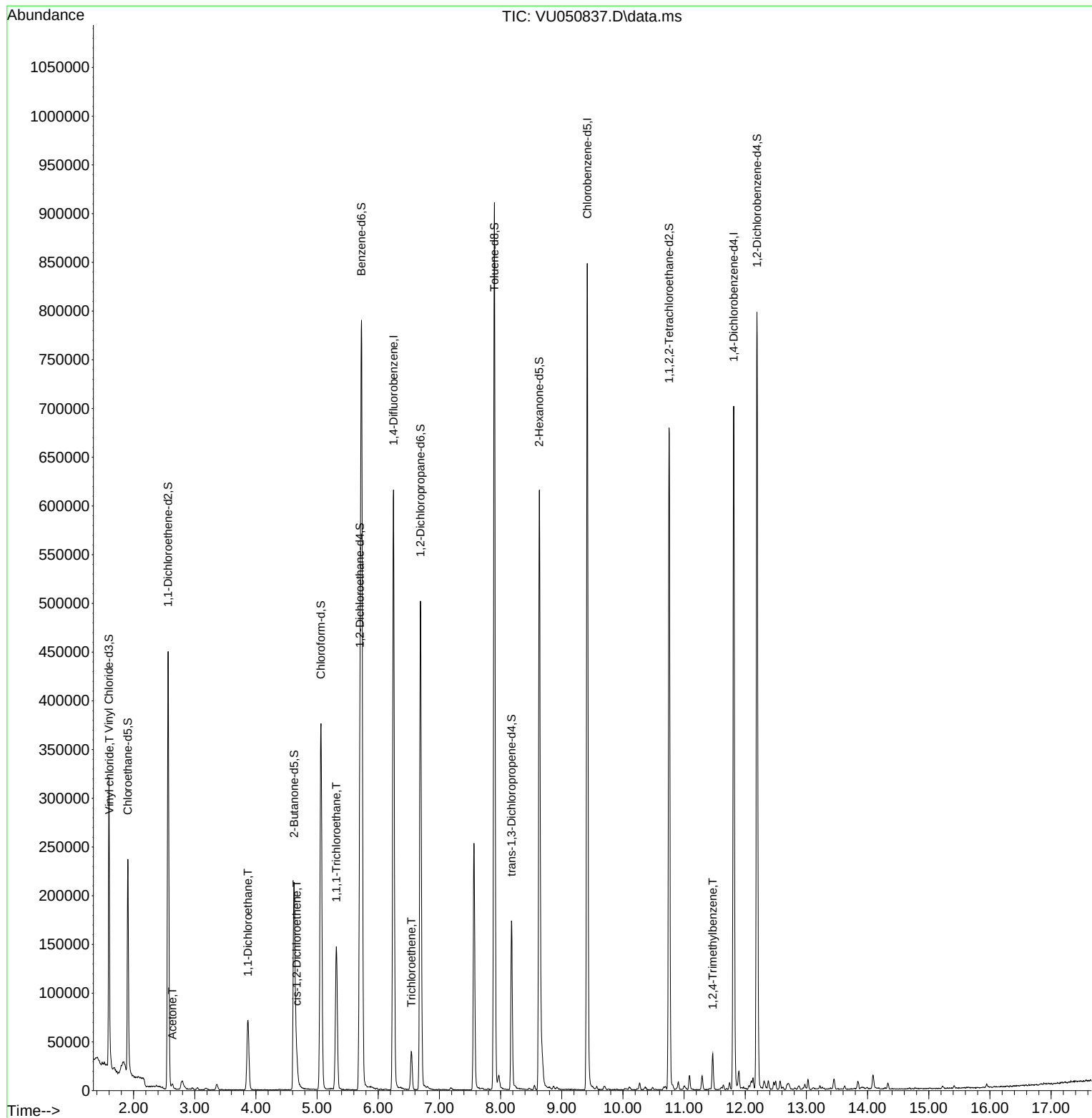
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	477551	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	461481	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	181233	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	219246	44.312	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	88.620%	
7) Chloroethane-d5	1.906	69	169020	47.966	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	95.940%	
11) 1,1-Dichloroethene-d2	2.565	63	263133	34.179	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	68.360%	
21) 2-Butanone-d5	4.623	46	315819	98.871	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	98.870%	
24) Chloroform-d	5.063	84	355016	45.786	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	91.580%	
26) 1,2-Dichloroethane-d4	5.700	65	228104	47.736	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	95.480%	
32) Benzene-d6	5.726	84	731382	48.116	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	96.240%	
36) 1,2-Dichloropropane-d6	6.690	67	247561	48.250	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	96.500%	
41) Toluene-d8	7.899	98	593801	44.691	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	89.380%	
43) trans-1,3-Dichloroprop...	8.179	79	101645	45.539	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	91.080%	
47) 2-Hexanone-d5	8.632	63	203583	96.285	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	96.280%	
56) 1,1,2,2-Tetrachloroeth...	10.754	84	351678	44.958	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	89.920%	
66) 1,2-Dichlorobenzene-d4	12.192	152	195831	51.608	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	103.220%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.604	62	8929	1.587	ug/L	# 68
13) Acetone	2.636	43	6577	2.432	ug/L	93
19) 1,1-Dichloroethane	3.867	63	84425	11.104	ug/L	99
20) cis-1,2-Dichloroethene	4.668	96	9112	2.184	ug/L	96
30) 1,1,1-Trichloroethane	5.314	97	107977	17.587	ug/L	97
34) Trichloroethene	6.542	95	13574	3.441	ug/L	96
63) 1,2,4-Trimethylbenzene	11.468	105	18895	1.792	ug/L	98

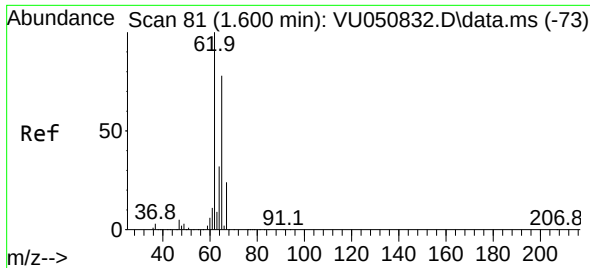
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Sep 21 02:18:13 2022
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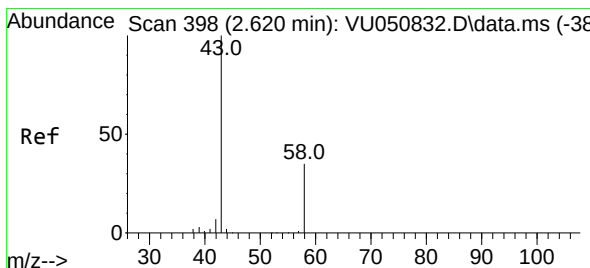
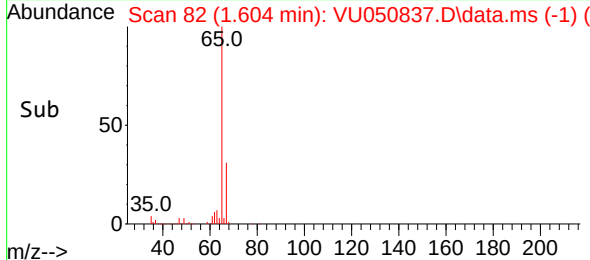
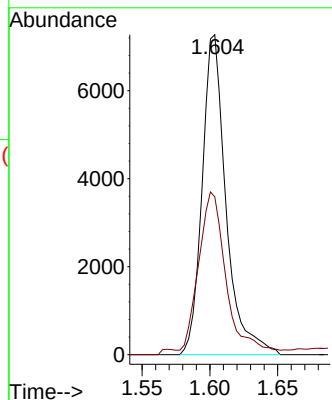
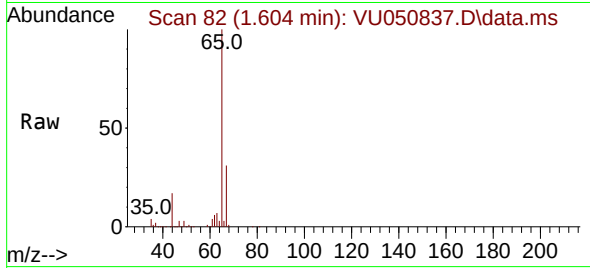




#5
 Vinyl chloride
 Concen: 1.587 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VU050837.D
 Acq: 20 Sep 2022 17:36

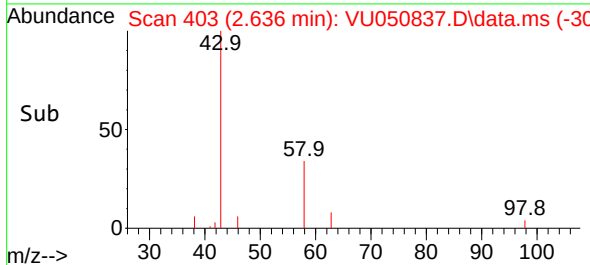
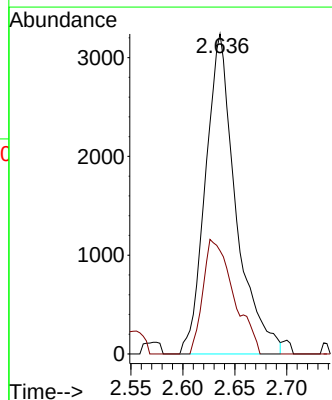
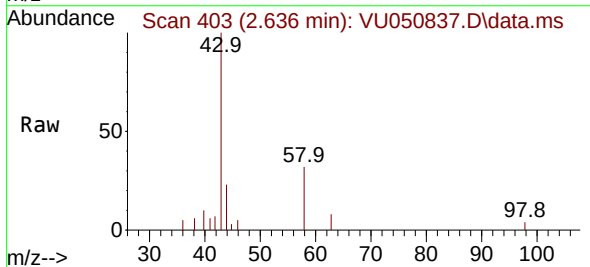
Instrument :
 MSVOA_U
 ClientSampleId :
 EXZ21

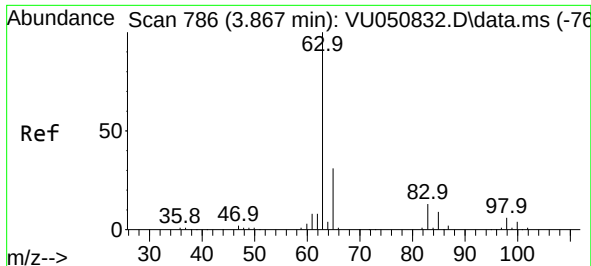
Tgt Ion: 62 Resp: 8929
 Ion Ratio Lower Upper
 62 100
 64 49.4 22.2 41.2#



#13
 Acetone
 Concen: 2.432 ug/L
 RT: 2.636 min Scan# 403
 Delta R.T. 0.016 min
 Lab File: VU050837.D
 Acq: 20 Sep 2022 17:36

Tgt Ion: 43 Resp: 6577
 Ion Ratio Lower Upper
 43 100
 58 31.8 0.0 71.4

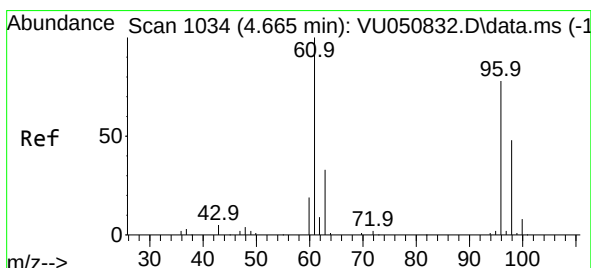
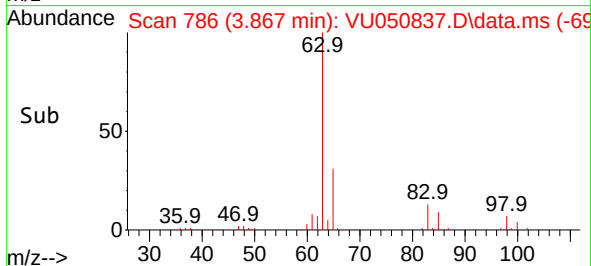
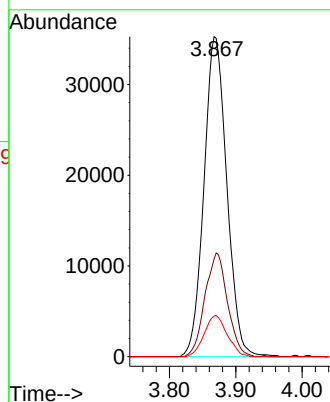
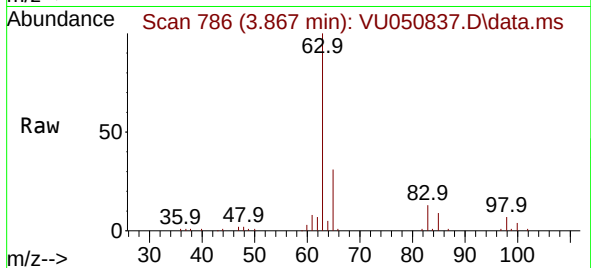




#19
1,1-Dichloroethane
Concen: 11.104 ug/L
RT: 3.867 min Scan# 786
Delta R.T. -0.000 min
Lab File: VU050837.D
Acq: 20 Sep 2022 17:36

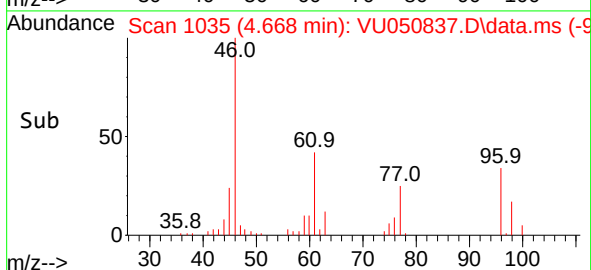
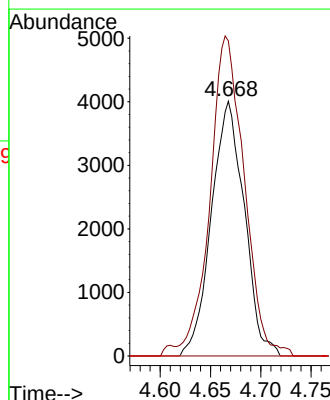
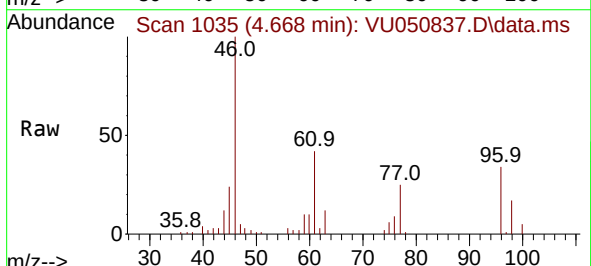
Instrument :
MSVOA_U
ClientSampleId :
EXZ21

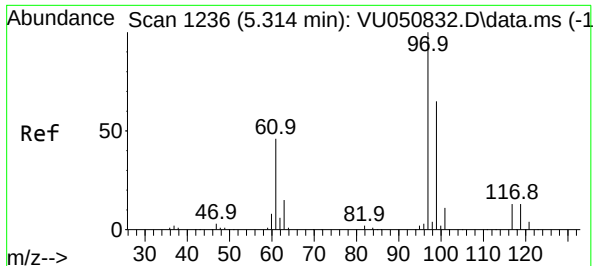
Tgt Ion:	63	Resp:	84425
Ion	Ratio	Lower	Upper
63	100		
65	31.4	21.5	39.9
83	12.7	9.3	17.3



#20
cis-1,2-Dichloroethene
Concen: 2.184 ug/L
RT: 4.668 min Scan# 1035
Delta R.T. 0.003 min
Lab File: VU050837.D
Acq: 20 Sep 2022 17:36

Tgt Ion:	96	Resp:	9112
Ion	Ratio	Lower	Upper
96	100		
61	123.7	90.1	167.3
68	0.0	0.0	0.0





#30

1,1,1-Trichloroethane

Concen: 17.587 ug/L

RT: 5.314 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU050837.D

Acq: 20 Sep 2022 17:36

Instrument :

MSVOA_U

ClientSampleId :

EXZ21

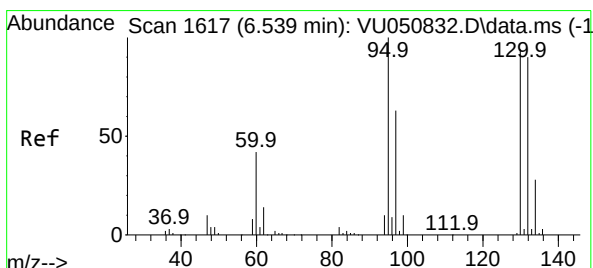
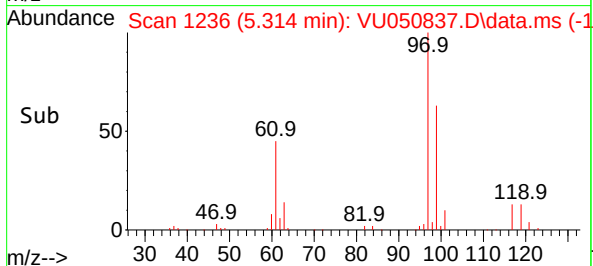
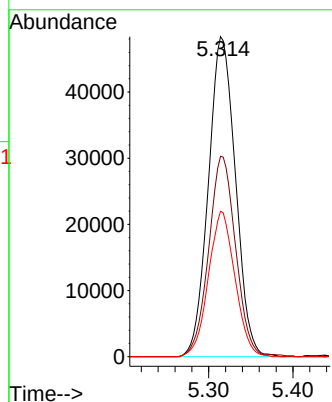
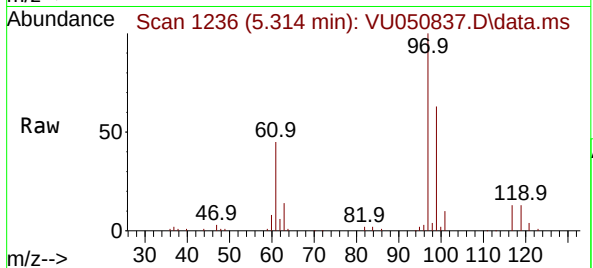
Tgt Ion: 97 Resp: 107977

Ion Ratio Lower Upper

97 100

99 62.2 52.2 78.2

61 44.5 37.1 55.7



#34

Trichloroethene

Concen: 3.441 ug/L

RT: 6.542 min Scan# 1618

Delta R.T. 0.003 min

Lab File: VU050837.D

Acq: 20 Sep 2022 17:36

Tgt Ion: 95 Resp: 13574

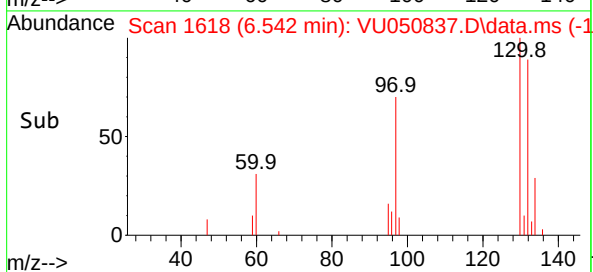
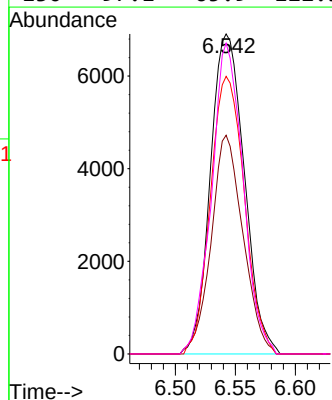
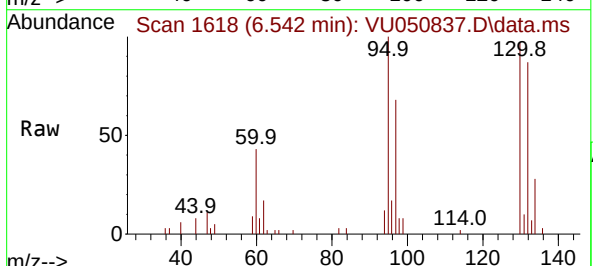
Ion Ratio Lower Upper

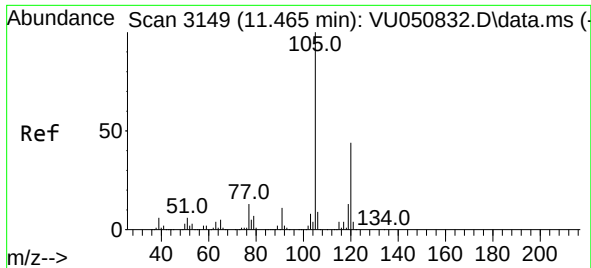
95 100

97 68.4 43.9 81.5

132 86.7 63.1 117.1

130 97.1 65.9 122.3





#63

1,2,4-Trimethylbenzene

Concen: 1.792 ug/L

RT: 11.468 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU050837.D

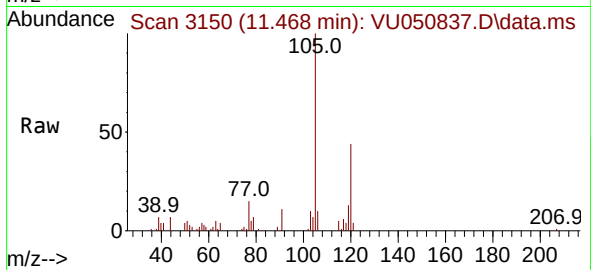
Acq: 20 Sep 2022 17:36

Instrument :

MSVOA_U

ClientSampleId :

EXZ21



Tgt Ion:105 Resp: 18895

Ion Ratio Lower Upper

105 100

120 42.3 34.9 52.3

