

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020523\
 Data File : VU052961.D
 Acq On : 05 Feb 2023 18:11
 Operator : JC/MD
 Sample : 01444-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COM11

Quant Time: Feb 05 21:59:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011023WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sun Feb 05 21:58:05 2023
 Response via : Initial Calibration

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

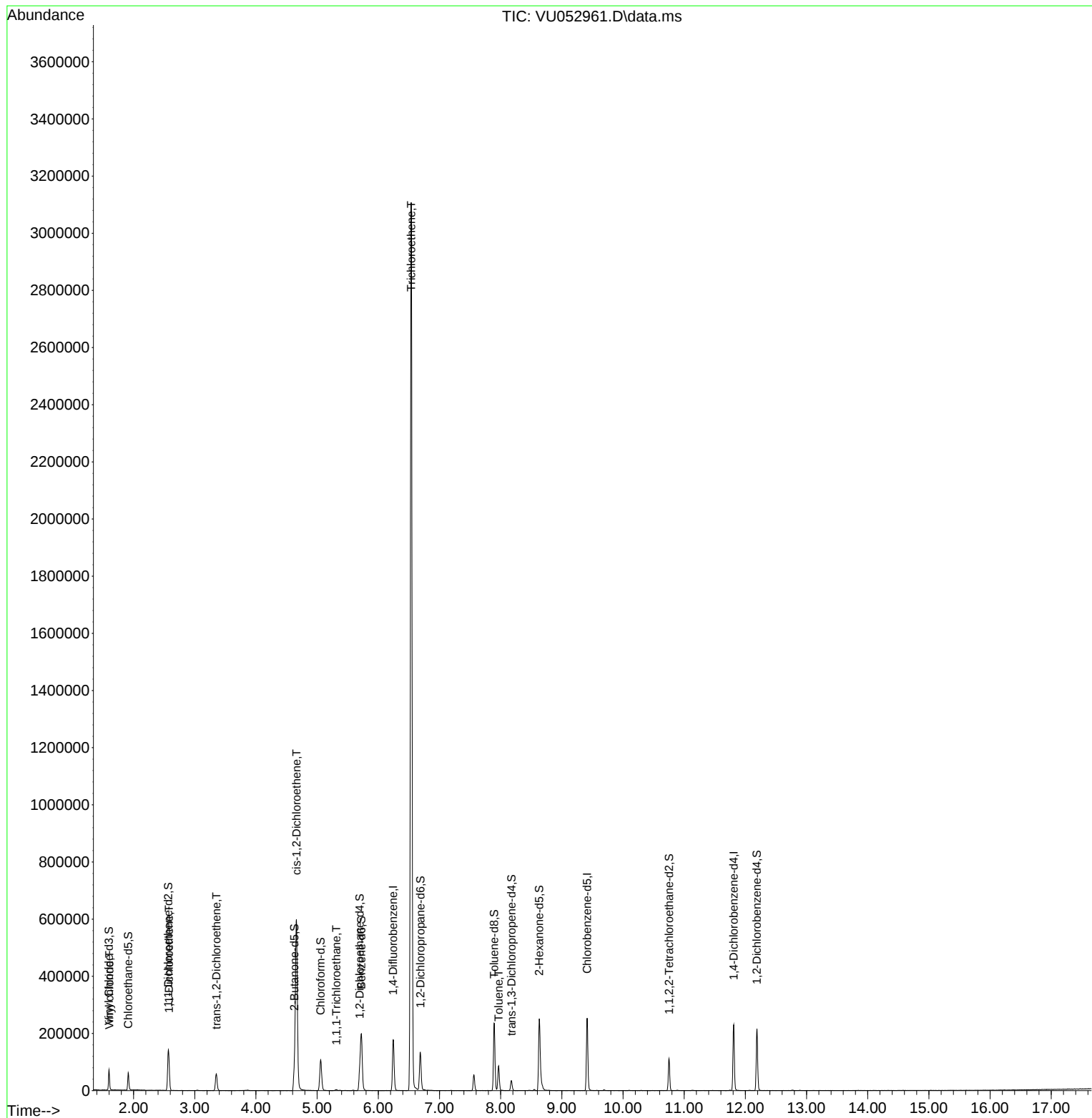
Internal Standards						
1) 1,4-Difluorobenzene	6.243	114	152380	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	148596	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	66414	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	45761	3.418	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	68.400%	
7) Chloroethane-d5	1.912	69	46778	4.289	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	85.800%	
11) 1,1-Dichloroethene-d2	2.565	65	21074	3.575	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	71.400%	
20) 2-Butanone-d5	4.629	46	124791	34.863	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	69.720%	
24) Chloroform-d	5.057	84	103945	4.162	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	83.200%	
26) 1,2-Dichloroethane-d4	5.697	65	51680	4.030	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	80.600%	
32) Benzene-d6	5.722	84	199012	4.132	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	82.600%	
36) 1,2-Dichloropropane-d6	6.687	67	65143	4.059	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	81.200%	
41) Toluene-d8	7.893	98	162137	3.818	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	76.400%	
43) trans-1,3-Dichloroprop...	8.176	79	20424	3.422	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	68.400%	
46) 2-Hexanone-d5	8.629	63	84592	34.119	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	68.240%	
56) 1,1,2,2-Tetrachloroeth...	10.751	84	56061	4.562	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	91.200%	
66) 1,2-Dichlorobenzene-d4	12.188	152	60961	5.042	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	100.800%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.604	62	8754	0.460	ug/L #	81
12) 1,1-Dichloroethene	2.578	96	21850	1.654	ug/L #	60
18) trans-1,2-Dichloroethene	3.353	96	26429	1.962	ug/L	83
22) cis-1,2-Dichloroethene	4.661	96	318144	21.988	ug/L	92
29) 1,1,1-Trichloroethane	5.314	97	3066	0.132	ug/L #	87
34) Trichloroethene	6.536	95	1068345	76.790	ug/L	95
42) Toluene	7.967	91	65207	1.113	ug/L	96

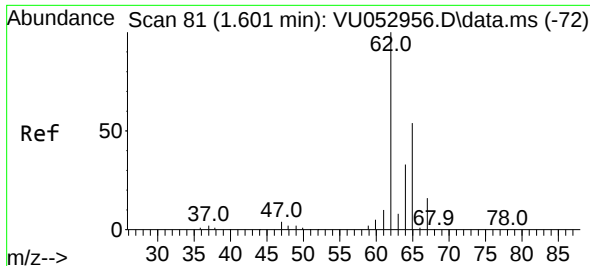
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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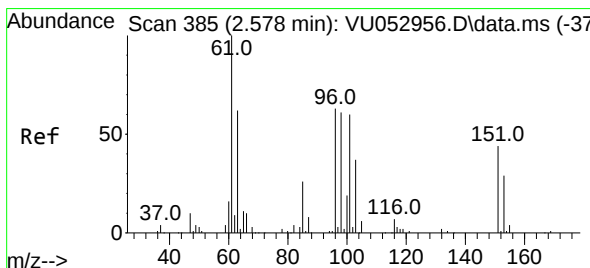
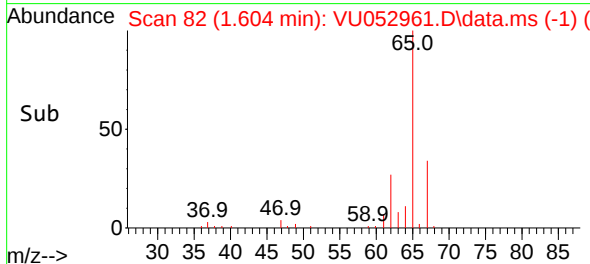
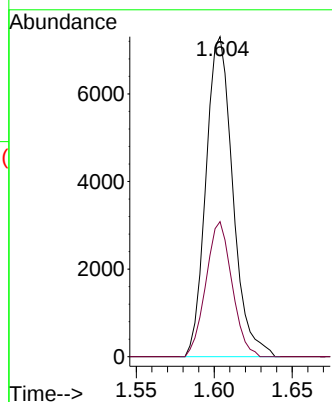
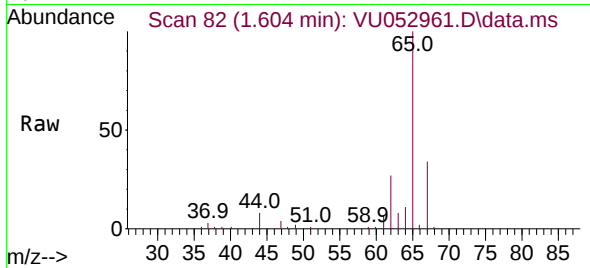




#5
 Vinyl chloride
 Concen: 0.460 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VU052961.D
 Acq: 05 Feb 2023 18:11

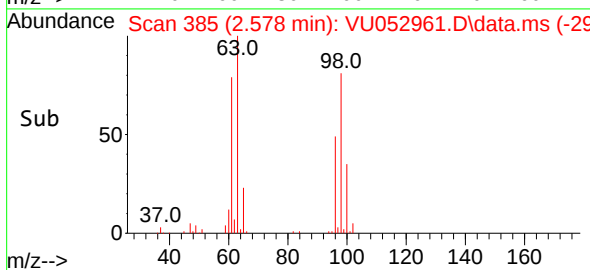
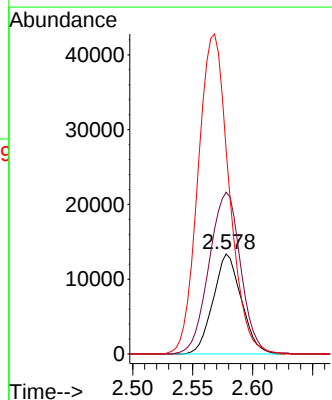
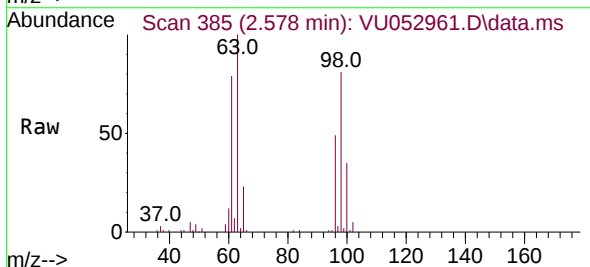
Instrument :
 MSVOA_U
 ClientSampleId :
 COM11

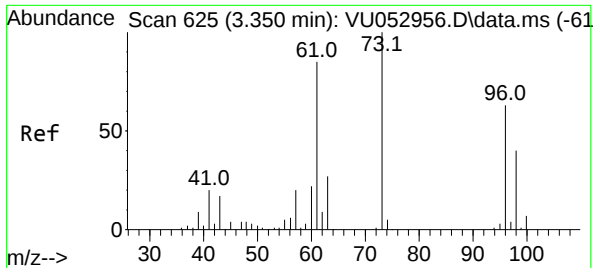
Tgt Ion: 62 Resp: 8754
 Ion Ratio Lower Upper
 62 100
 64 42.2 22.3 41.3#



#12
 1,1-Dichloroethene
 Concen: 1.654 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.000 min
 Lab File: VU052961.D
 Acq: 05 Feb 2023 18:11

Tgt Ion: 96 Resp: 21850
 Ion Ratio Lower Upper
 96 100
 61 161.7 129.6 240.8
 63 204.4 83.7 155.5#

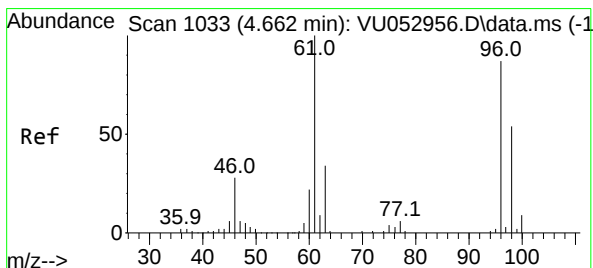
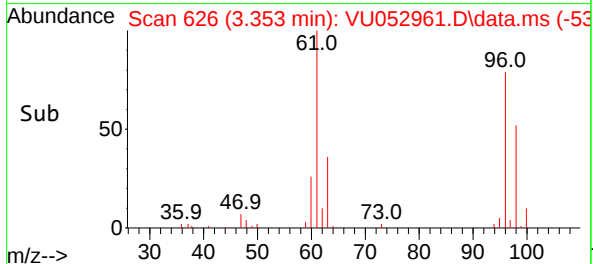
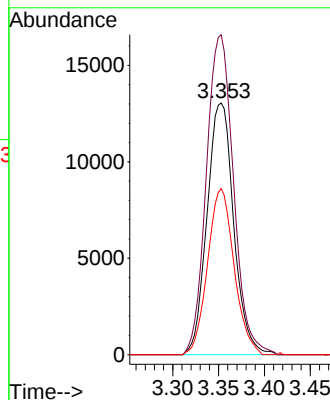
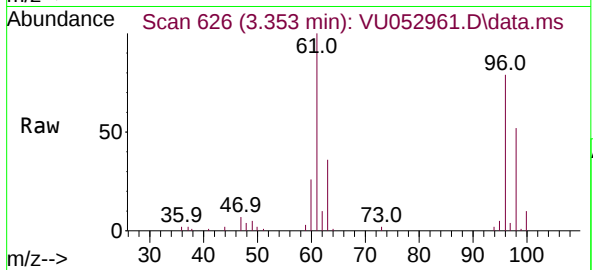




#18
trans-1,2-Dichloroethene
Concen: 1.962 ug/L
RT: 3.353 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU052961.D
Acq: 05 Feb 2023 18:11

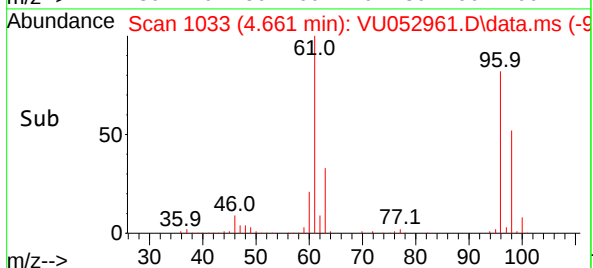
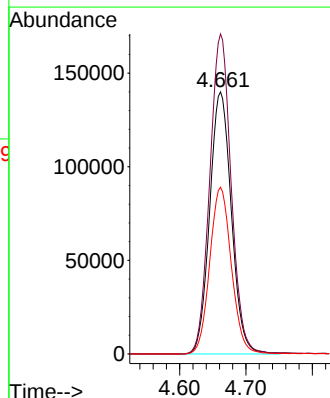
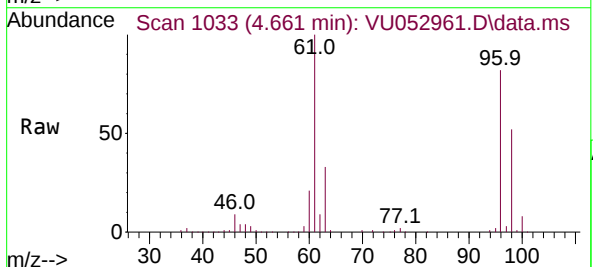
Instrument :
MSVOA_U
ClientSampleId :
COM11

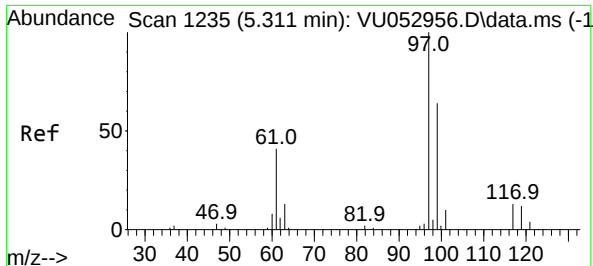
Tgt Ion: 96 Resp: 26429
Ion Ratio Lower Upper
96 100
61 127.2 108.4 201.4
98 66.0 43.8 81.4



#22
cis-1,2-Dichloroethene
Concen: 21.988 ug/L
RT: 4.661 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VU052961.D
Acq: 05 Feb 2023 18:11

Tgt Ion: 96 Resp: 318144
Ion Ratio Lower Upper
96 100
61 122.1 94.6 175.8
98 63.6 43.3 80.3





#29

1,1,1-Trichloroethane

Concen: 0.132 ug/L

RT: 5.314 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU052961.D

Acq: 05 Feb 2023 18:11

Instrument :

MSVOA_U

ClientSampleId :

COM11

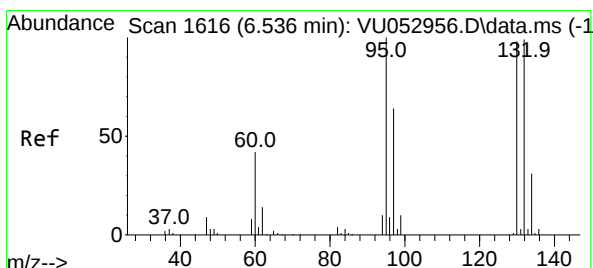
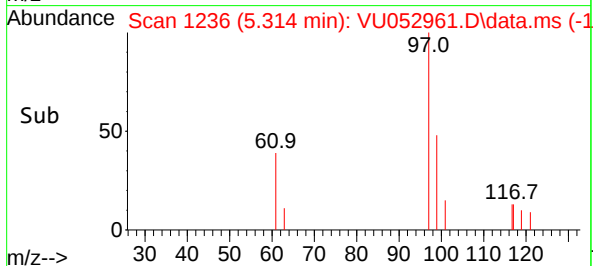
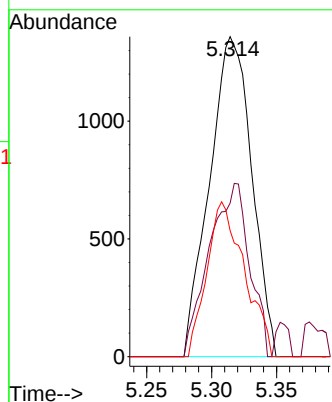
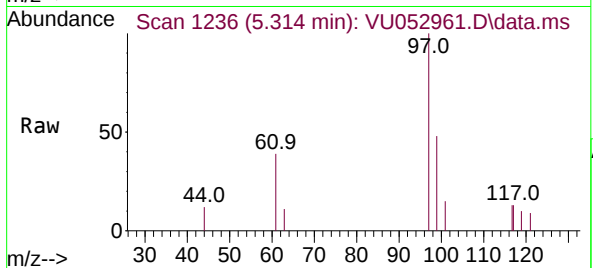
Tgt Ion: 97 Resp: 3066

Ion Ratio Lower Upper

97 100

99 51.8 52.4 78.6#

61 43.2 38.5 57.7



#34

Trichloroethene

Concen: 76.790 ug/L

RT: 6.536 min Scan# 1616

Delta R.T. -0.000 min

Lab File: VU052961.D

Acq: 05 Feb 2023 18:11

Tgt Ion: 95 Resp: 1068345

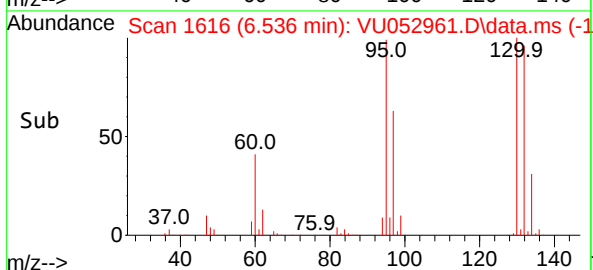
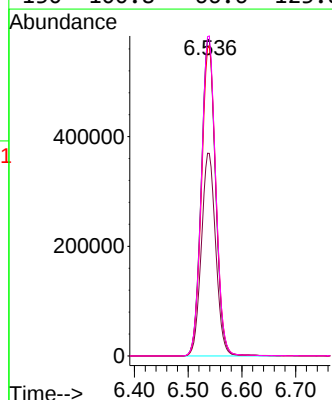
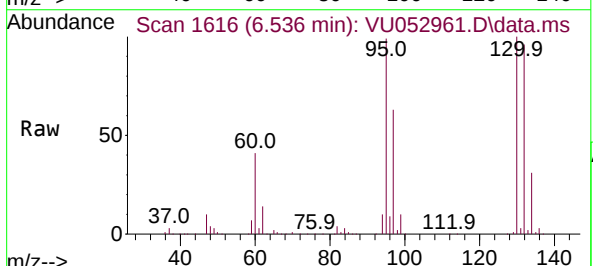
Ion Ratio Lower Upper

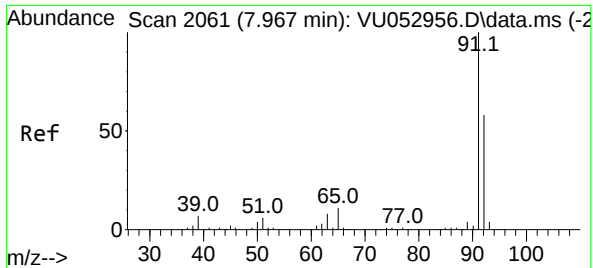
95 100

97 63.9 46.0 85.4

132 96.9 64.0 118.8

130 100.8 66.6 123.8





#42
Toluene
Concen: 1.113 ug/L
RT: 7.967 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VU052961.D
Acq: 05 Feb 2023 18:11

Instrument :
MSVOA_U
ClientSampleId :
COM11

Tgt Ion: 91 Resp: 65207
Ion Ratio Lower Upper
91 100
92 61.1 40.5 75.1

