

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU081021\
 Data File : VU044406.D
 Acq On : 10 Aug 2021 12:06
 Operator : SY/MD
 Sample : VU0810WBL01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 11 01:08:53 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Aug 11 01:08:01 2021
 Response via : Initial Calibration

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

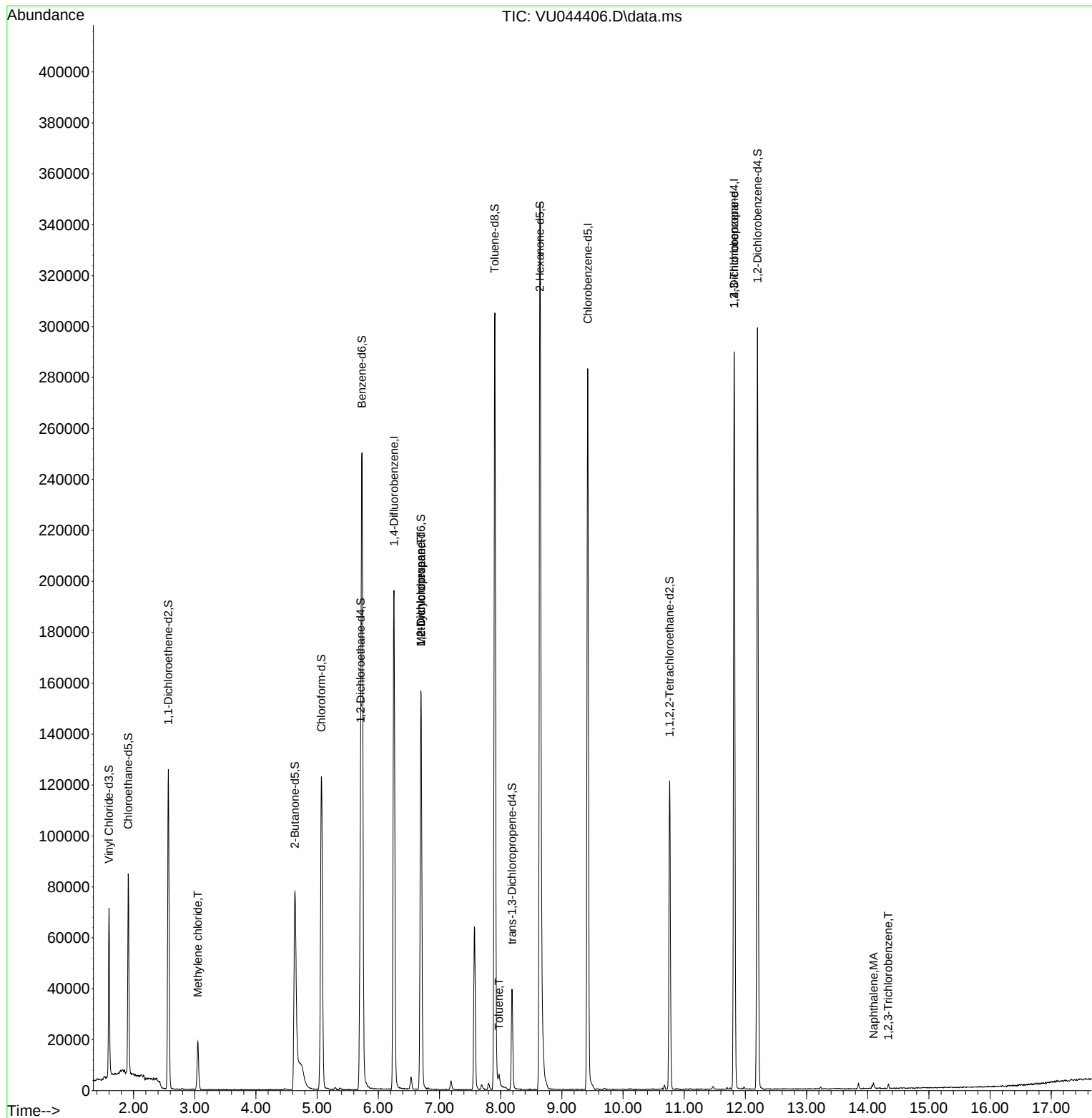
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	167373	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	164957	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	79804	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	48574	3.473	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	69.400%	
7) Chloroethane-d5	1.912	69	59606	4.965	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	99.200%	
11) 1,1-Dichloroethene-d2	2.568	65	23343	3.963	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	79.200%	
20) 2-Butanone-d5	4.636	46	139106	33.545	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	67.080%	
24) Chloroform-d	5.070	84	115494	4.746	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	95.000%	
26) 1,2-Dichloroethane-d4	5.710	65	64186	4.725	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	94.400%	
32) Benzene-d6	5.732	84	238172	4.608	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	92.200%	
36) 1,2-Dichloropropane-d6	6.697	67	75098	4.675	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	93.600%	
41) Toluene-d8	7.903	98	206953	4.473	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	89.400%	
43) trans-1,3-Dichloroprop...	8.186	79	22223	3.554	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	71.000%	
46) 2-Hexanone-d5	8.642	63	147027	38.945	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	77.900%	
56) 1,1,2,2-Tetrachloroeth...	10.761	84	62642	4.361	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	87.200%	
66) 1,2-Dichlorobenzene-d4	12.198	152	80027	5.208	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	104.200%	
Target Compounds						
					Qvalue	
16) Methylene chloride	3.051	84	9044	0.617	ug/L	94
35) Methylcyclohexane	6.697	83	18256	0.833	ug/L #	18
37) 1,2-Dichloropropane	6.697	63	8113	0.634	ug/L #	88
42) Toluene	7.973	91	3217	0.061	ug/L	93
61) 1,2,3-Trichloropropane	11.816	75	9339	1.091	ug/L #	66
71) Naphthalene	14.095	128	2465	0.085	ug/L #	87
72) 1,2,3-Trichlorobenzene	14.333	180	708	0.053	ug/L #	93

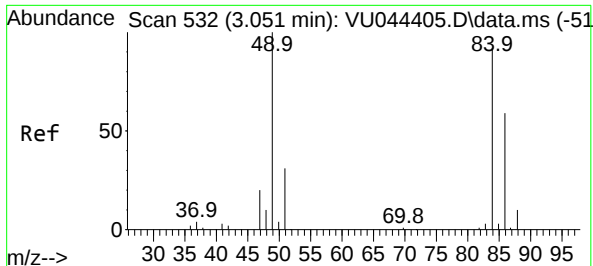
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_U
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Quant Time: Aug 11 01:08:53 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072321WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Aug 11 01:08:01 2021
Response via : Initial Calibration





#16

Methylene chloride

Concen: 0.617 ug/L

RT: 3.051 min Scan# 532

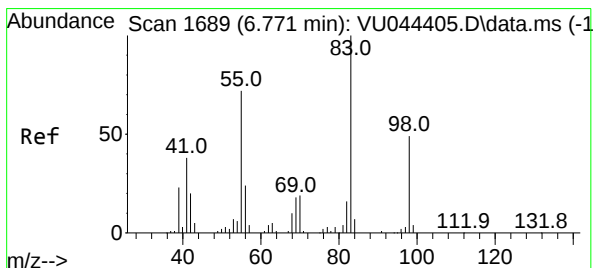
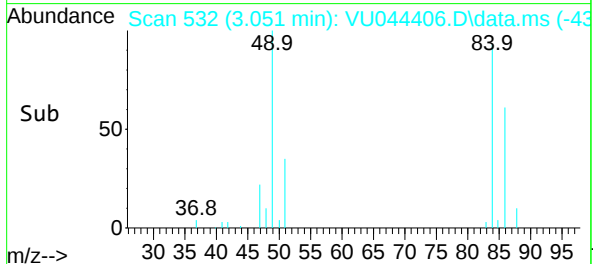
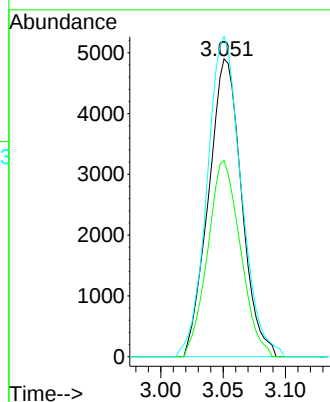
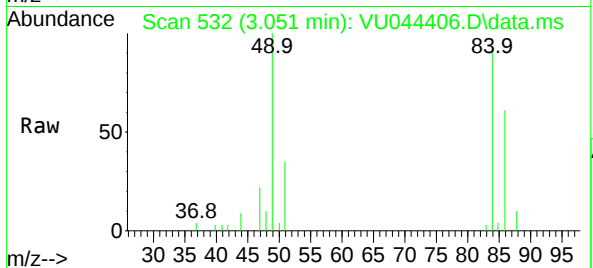
Delta R.T. 0.000 min

Lab File: VU044406.D

Acq: 10 Aug 2021 12:06

Tgt Ion: 84 Resp: 9044

Ion	Ratio	Lower	Upper
84	100		
86	65.8	45.2	84.0
49	107.5	81.8	152.0



#35

Methylcyclohexane

Concen: 0.833 ug/L

RT: 6.697 min Scan# 1666

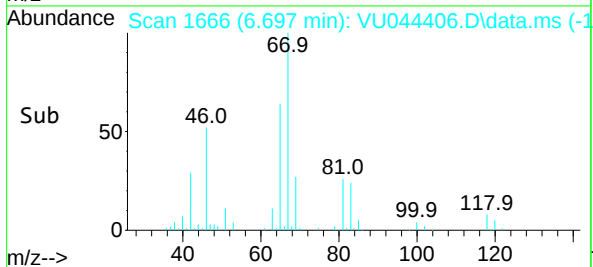
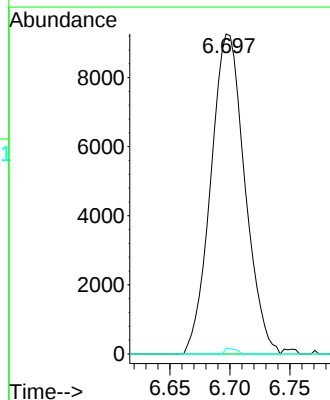
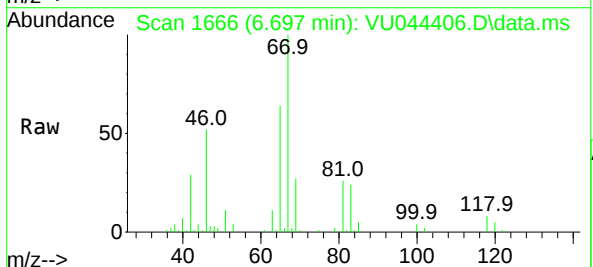
Delta R.T. -0.074 min

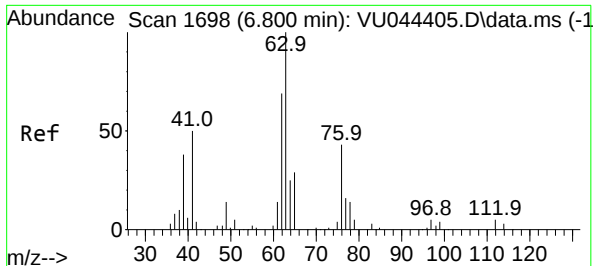
Lab File: VU044406.D

Acq: 10 Aug 2021 12:06

Tgt Ion: 83 Resp: 18256

Ion	Ratio	Lower	Upper
83	100		
55	0.0	61.4	92.0#
98	0.6	38.2	57.2#



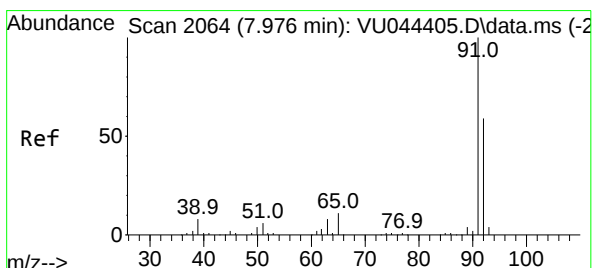
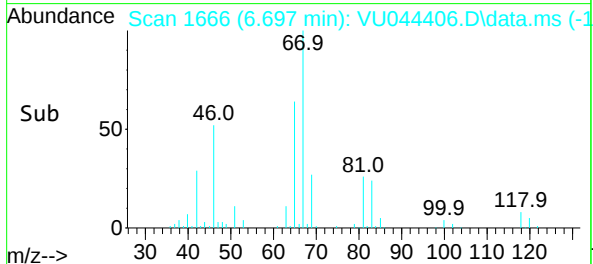
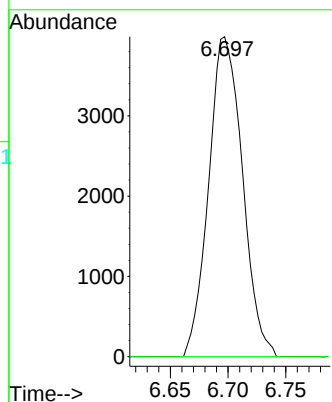
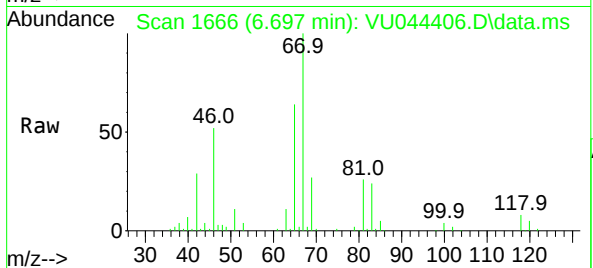


#37

1,2-Dichloropropane
Concen: 0.634 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.103 min
Lab File: VU044406.D
Acq: 10 Aug 2021 12:06

Instrument :
MSVOA_U
ClientSampled :

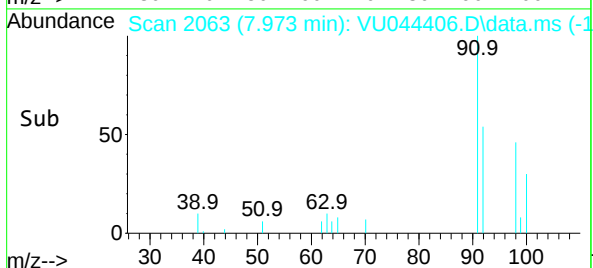
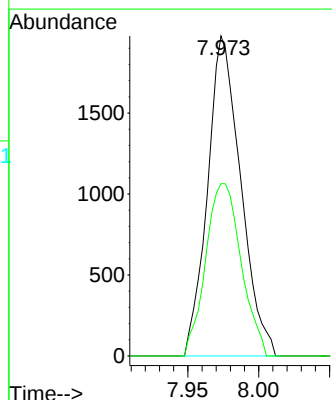
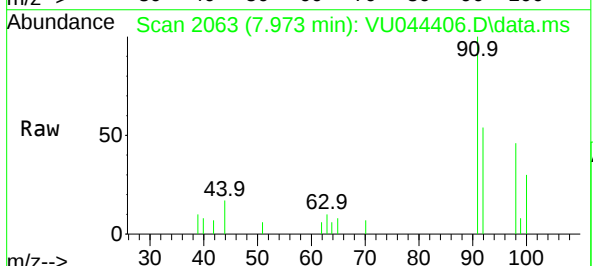
Tgt Ion: 63 Resp: 8113
Ion Ratio Lower Upper
63 100
112 0.0 3.2 4.8#

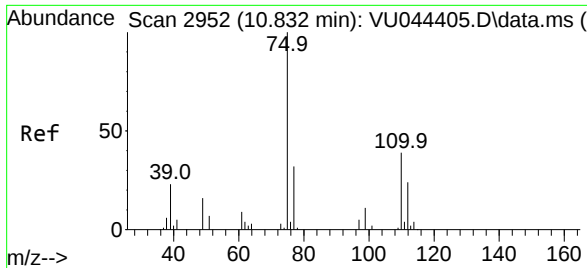


#42

Toluene
Concen: 0.061 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. -0.003 min
Lab File: VU044406.D
Acq: 10 Aug 2021 12:06

Tgt Ion: 91 Resp: 3217
Ion Ratio Lower Upper
91 100
92 53.8 41.3 76.7

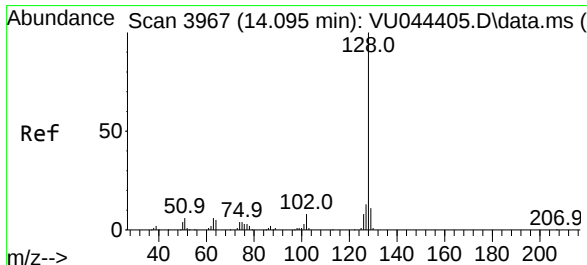
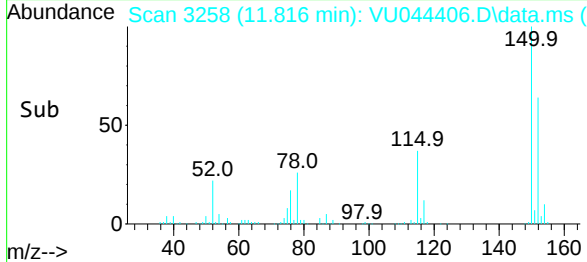
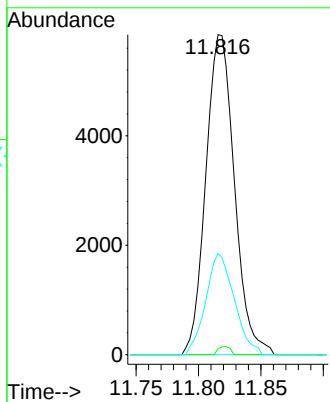
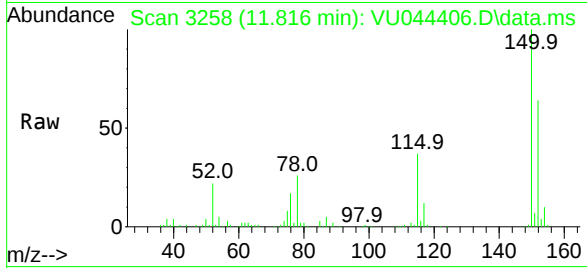




#61
1,2,3-Trichloropropane
Concen: 1.091 ug/L
RT: 11.816 min Scan# 3258
Delta R.T. 0.984 min
Lab File: VU044406.D
Acq: 10 Aug 2021 12:06

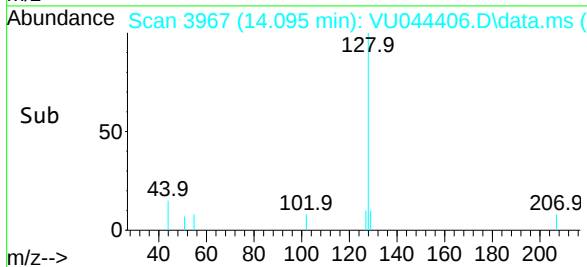
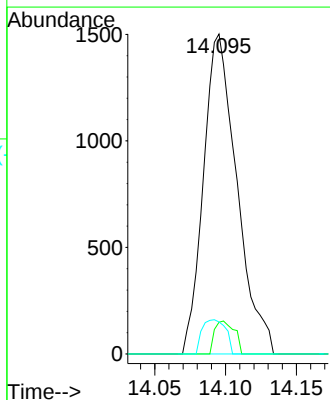
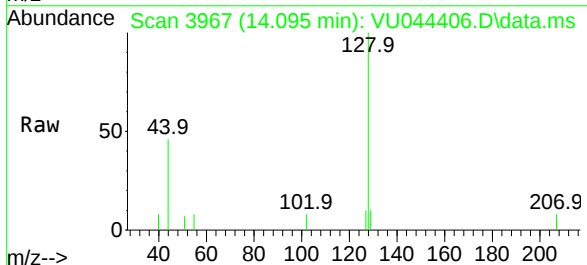
Instrument :
MSVOA_U
ClientSampled :

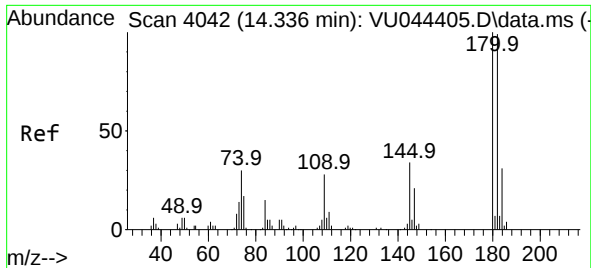
Tgt Ion: 75 Resp: 9339
Ion Ratio Lower Upper
75 100
110 1.1 30.2 45.2#
77 31.4 26.2 39.2



#71
Naphthalene
Concen: 0.085 ug/L
RT: 14.095 min Scan# 3967
Delta R.T. 0.000 min
Lab File: VU044406.D
Acq: 10 Aug 2021 12:06

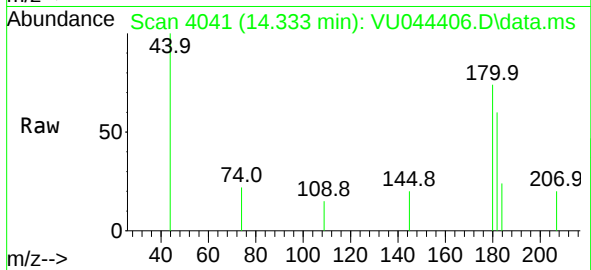
Tgt Ion: 128 Resp: 2465
Ion Ratio Lower Upper
128 100
129 6.1 8.6 13.0#
127 7.5 10.2 15.4#





#72
 1,2,3-Trichlorobenzene
 Concen: 0.053 ug/L
 RT: 14.333 min Scan# 4041
 Delta R.T. -0.003 min
 Lab File: VU044406.D
 Acq: 10 Aug 2021 12:06

Instrument :
 MSVOA_U
 ClientSampled :



Tgt Ion:180 Resp: 708
 Ion Ratio Lower Upper
 180 100
 182 100.3 76.6 115.0
 145 25.0 27.0 40.4#

