

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120221\
 Data File : VU046045.D
 Acq On : 02 Dec 2021 12:28
 Operator : SY/MD
 Sample : M4868-02
 Misc : 6.84g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Dec 03 05:09:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 03 05:08:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	201860	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	195737	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.825	152	94487	50.000	ug/L	0.01
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	102139	61.425	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	=	122.860%	
7) Chloroethane-d5	1.916	69	72085	56.462	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	=	112.920%	
11) 1,1-Dichloroethene-d2	2.543	63	107671	36.070	ug/L	-0.03
Spiked Amount 50.000	Range 60	- 125	Recovery	=	72.140%	
21) 2-Butanone-d5	4.661	46	168258	127.289	ug/L	0.02
Spiked Amount 100.000	Range 40	- 130	Recovery	=	127.290%	
24) Chloroform-d	5.067	84	178458	64.267	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	128.540%#	
26) 1,2-Dichloroethane-d4	5.706	65	123521	66.282	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	132.560%#	
32) Benzene-d6	5.726	84	388245	69.204	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	138.400%#	
36) 1,2-Dichloropropane-d6	6.694	67	122847	70.655	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	=	141.300%#	
41) Toluene-d8	7.903	98	351430	68.799	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	137.600%#	
43) trans-1,3-Dichloroprop...	8.185	79	57861	68.938	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	137.880%#	
47) 2-Hexanone-d5	8.690	63	117444	142.464	ug/L	0.05
Spiked Amount 100.000	Range 45	- 130	Recovery	=	142.460%#	
56) 1,1,2,2-Tetrachloroeth...	10.777	84	165643	62.820	ug/L	0.02
Spiked Amount 50.000	Range 65	- 120	Recovery	=	125.640%#	
66) 1,2-Dichlorobenzene-d4	12.205	152	130090	71.492	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	142.980%#	
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.539	101	892	0.607	ug/L #	21
12) 1,1-Dichloroethene	2.546	96	809	0.580	ug/L #	1
35) Methylcyclohexane	6.694	83	29348	12.128	ug/L #	20
37) 1,2-Dichloropropane	6.694	63	13323	8.585	ug/L #	86
39) cis-1,3-Dichloropropene	7.568	75	3757	1.591	ug/L #	70
42) Toluene	7.973	91	8685	1.366	ug/L	97
44) trans-1,3-Dichloropropene	8.185	75	2760	1.190	ug/L #	76
52) Ethylbenzene	9.578	91	23330	3.410	ug/L	99
53) m,p-Xylene	9.703	106	28238	10.584	ug/L	97
54) o-xylene	10.115	106	7457	2.880	ug/L	98
62) 1,3,5-Trimethylbenzene	11.099	105	5042	0.984	ug/L	99
63) 1,2,4-Trimethylbenzene	11.475	105	16211	3.162	ug/L	100
69) 1,3,5-Trichlorobenzene	13.844	180	2082	0.978	ug/L	93
70) 1,2,4-trichlorobenzene	13.844	180	2082	1.103	ug/L	92
71) Naphthalene	14.092	128	86256	13.128	ug/L	99
72) 1,2,3-Trichlorobenzene	14.336	180	1291	0.670	ug/L	91

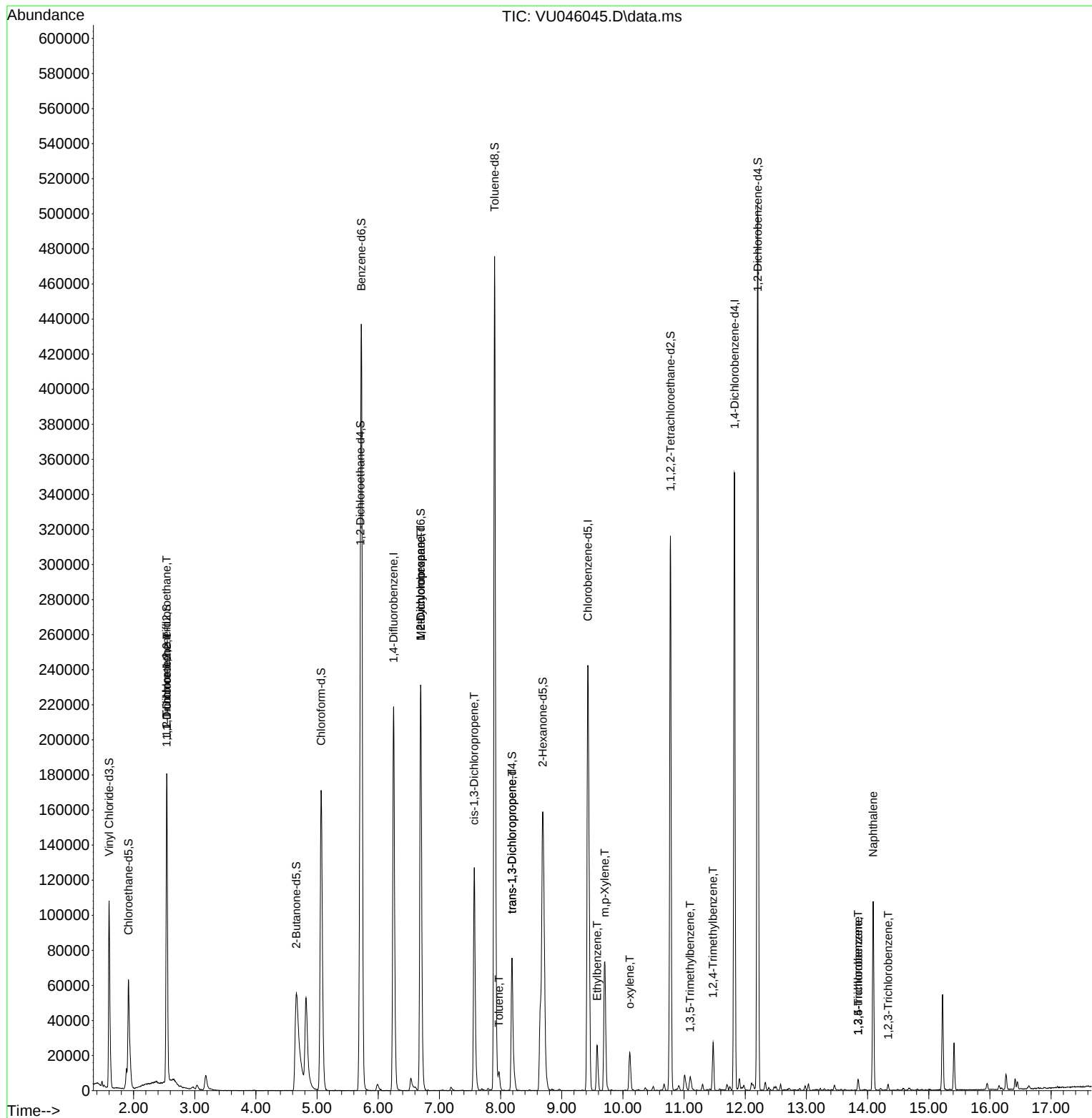
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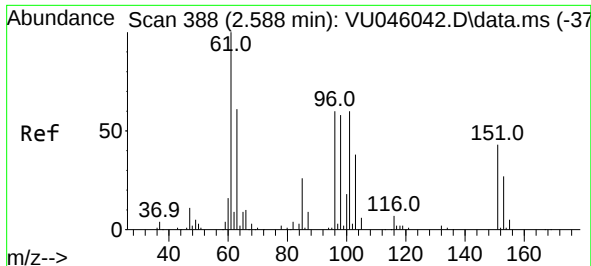
Instrument :
MSVOA_U
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Quant Title : VOC Analysis
QLast Update : Fri Dec 03 05:08:36 2021
Response via : Initial Calibration

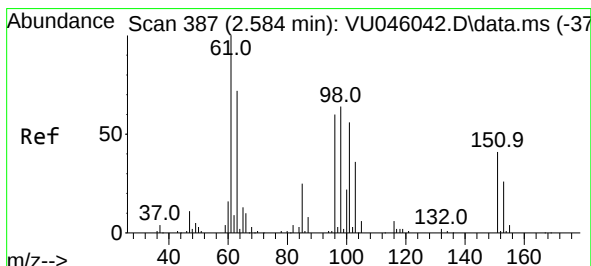
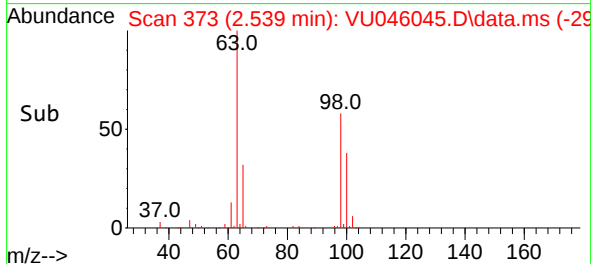
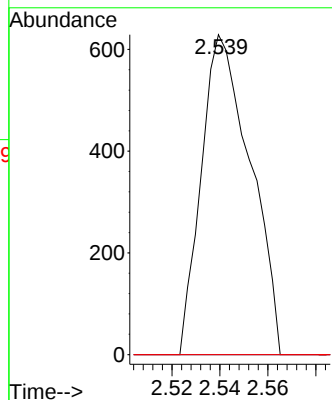
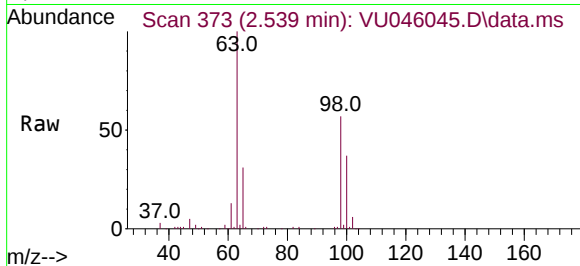




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.607 ug/L
 RT: 2.539 min Scan# 31
 Delta R.T. -0.048 min
 Lab File: VU046045.D
 Acq: 02 Dec 2021 12:28

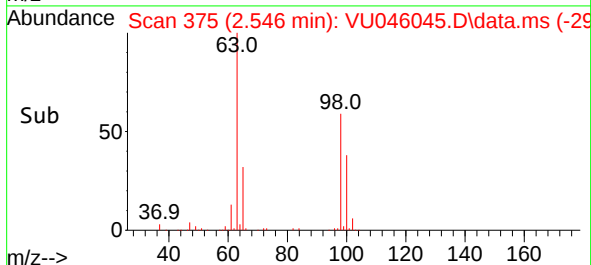
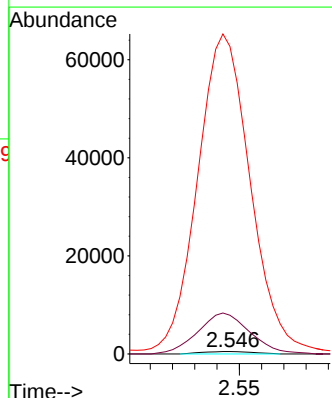
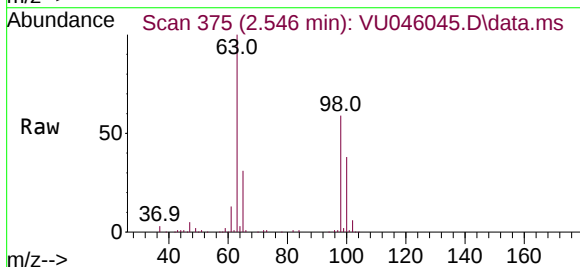
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 MSVOA_U
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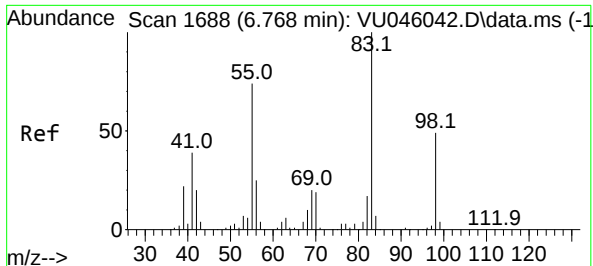
Tgt Ion:101 Resp: 892
 Ion Ratio Lower Upper
 101 100
 85 0.0 35.1 52.7#
 151 0.0 56.7 85.1#



#12
 1,1-Dichloroethene
 Concen: 0.580 ug/L
 RT: 2.546 min Scan# 375
 Delta R.T. -0.039 min
 Lab File: VU046045.D
 Acq: 02 Dec 2021 12:28

Tgt Ion: 96 Resp: 809
 Ion Ratio Lower Upper
 96 100
 61 1569.4 118.6 220.2#
 63 12446.0 93.0 172.8#

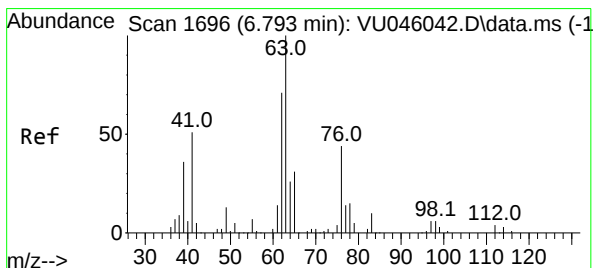
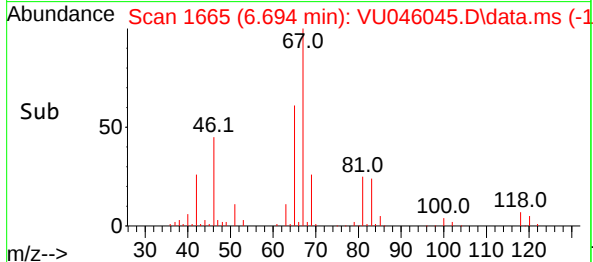
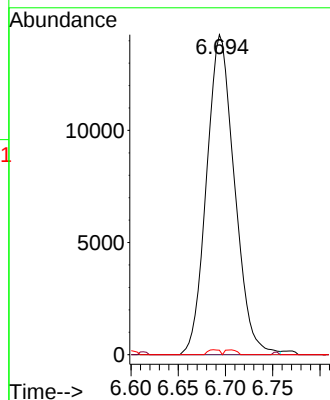
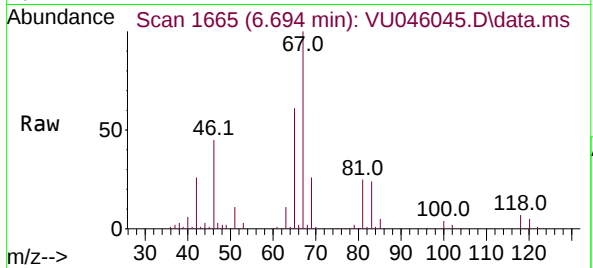




#35
Methylcyclohexane
Concen: 12.128 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.074 min
Lab File: VU046045.D
Acq: 02 Dec 2021 12:28

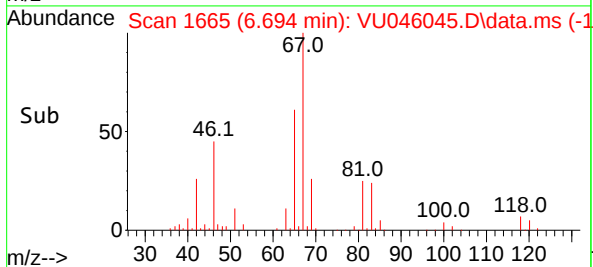
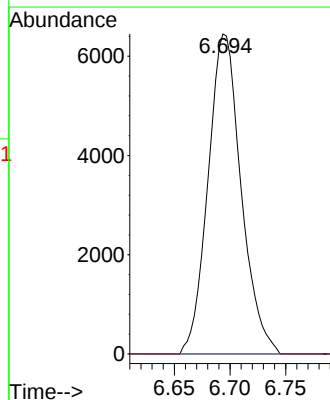
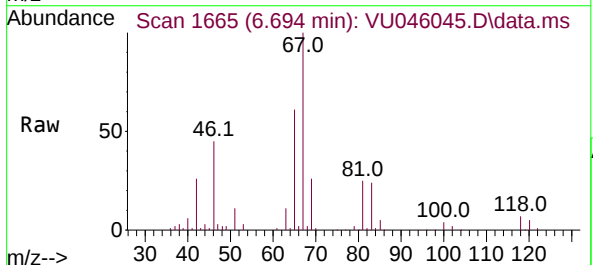
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MSVOA_U
ClientSampleId :

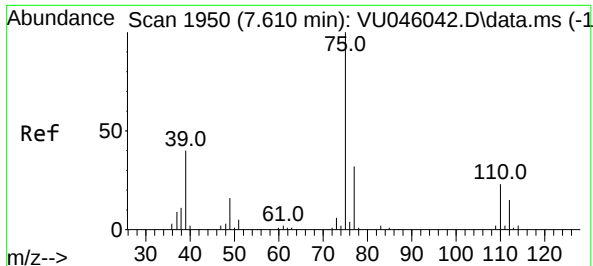
Tgt Ion	Ratio	Lower	Upper
83	100		
55	0.2	57.8	86.6#
98	0.5	38.4	57.6#



#37
1,2-Dichloropropane
Concen: 8.585 ug/L
RT: 6.694 min Scan# 1665
Delta R.T. -0.100 min
Lab File: VU046045.D
Acq: 02 Dec 2021 12:28

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.8	5.6#





#39

cis-1,3-Dichloropropene

Concen: 1.591 ug/L

RT: 7.568 min Scan# 1950

Delta R.T. -0.042 min

Lab File: VU046045.D

Acq: 02 Dec 2021 12:28

Instrument :

MSVOA_U

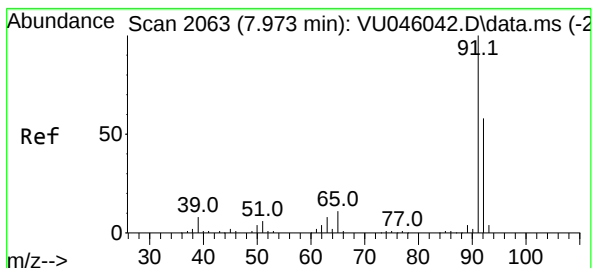
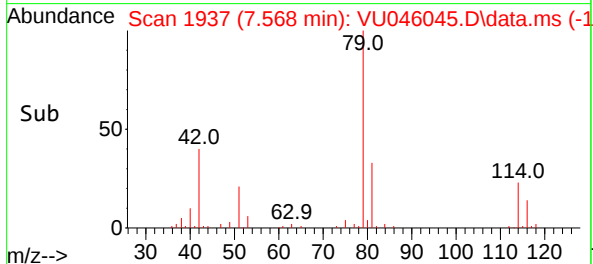
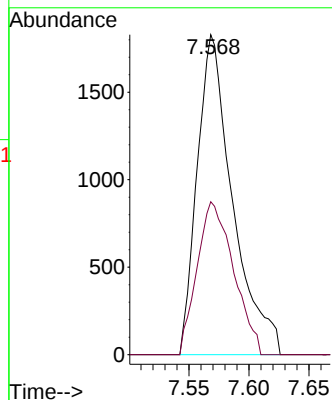
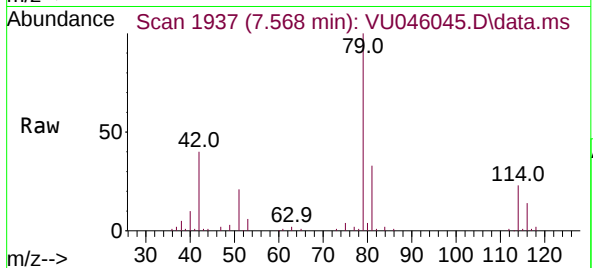
ClientSampleId :

Tgt Ion: 75 Resp: 3757

Ion Ratio Lower Upper

75 100

77 47.8 21.8 40.6#



#42

Toluene

Concen: 1.366 ug/L

RT: 7.973 min Scan# 2063

Delta R.T. -0.000 min

Lab File: VU046045.D

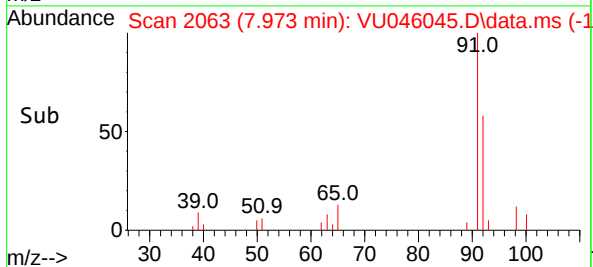
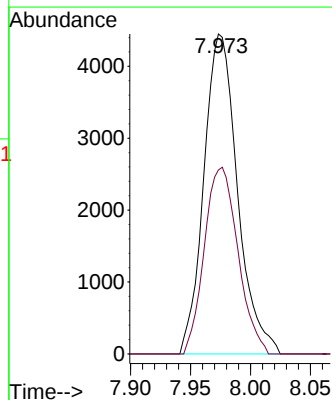
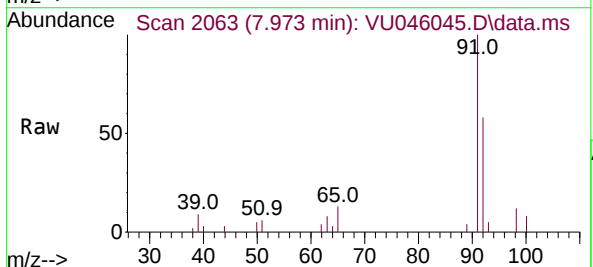
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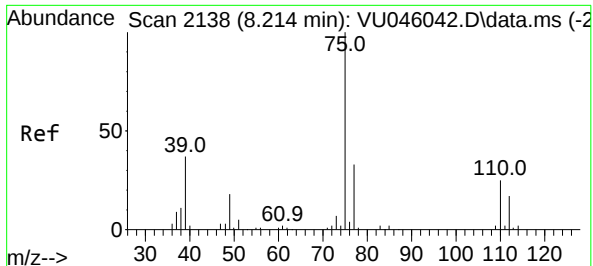
Tgt Ion: 91 Resp: 8685

Ion Ratio Lower Upper

91 100

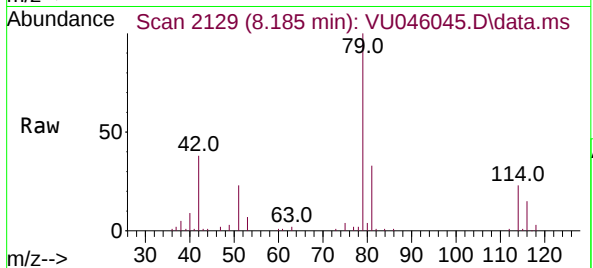
92 57.5 41.9 77.7



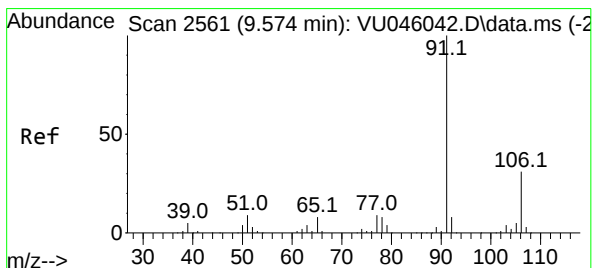
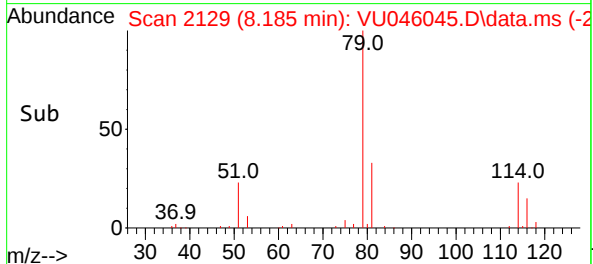
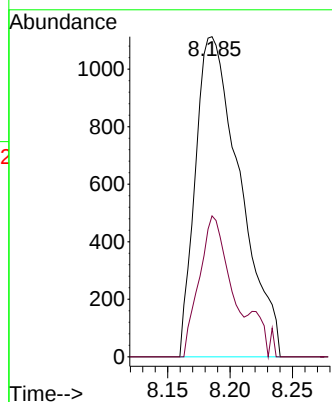


#44
trans-1,3-Dichloropropene
Concen: 1.190 ug/L
RT: 8.185 min Scan# 2138
Delta R.T. -0.029 min
Lab File: VU046045.D
Acq: 02 Dec 2021 12:28

Instrument :
MSVOA_U
ClientSampleId :

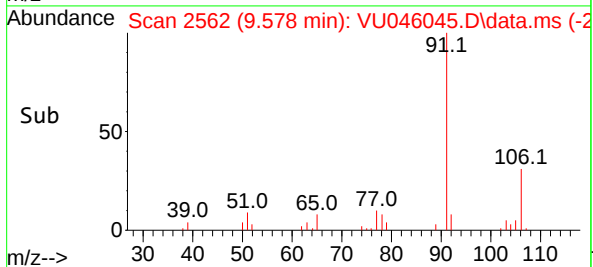
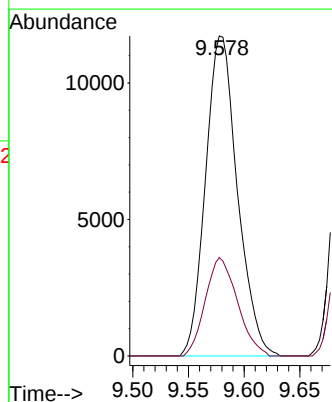
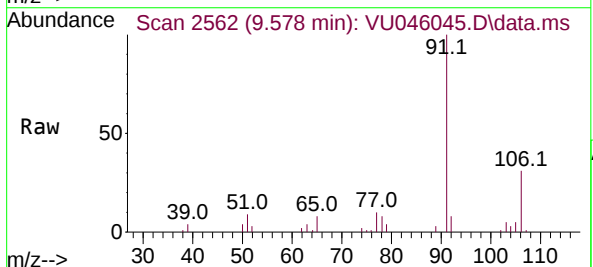


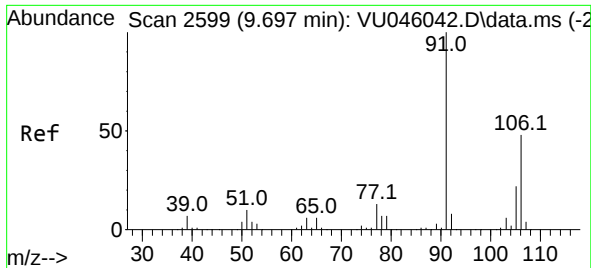
Tgt Ion: 75 Resp: 2760
Ion Ratio Lower Upper
75 100
77 44.0 21.7 40.3#



#52
Ethylbenzene
Concen: 3.410 ug/L
RT: 9.578 min Scan# 2562
Delta R.T. 0.003 min
Lab File: VU046045.D
Acq: 02 Dec 2021 12:28

Tgt Ion: 91 Resp: 23330
Ion Ratio Lower Upper
91 100
106 30.7 21.1 39.3

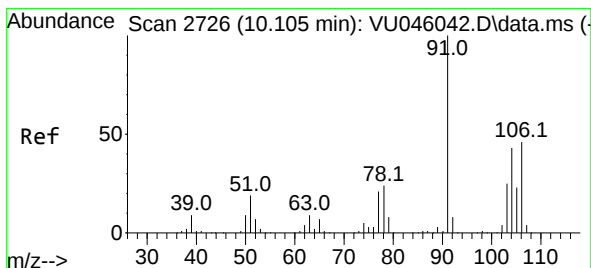
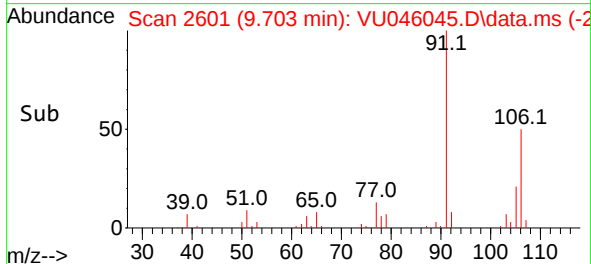
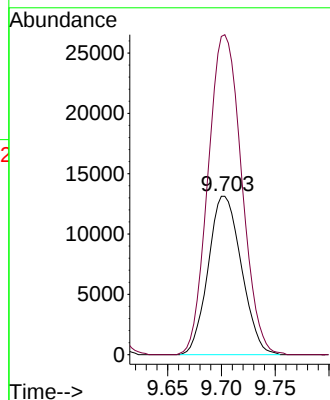
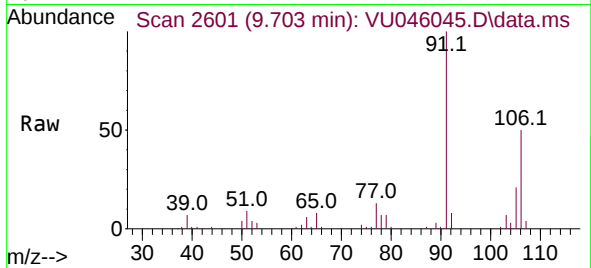




#53
m,p-Xylene
Concen: 10.584 ug/L
RT: 9.703 min Scan# 20
Delta R.T. 0.006 min
Lab File: VU046045.D
Acq: 02 Dec 2021 12:28

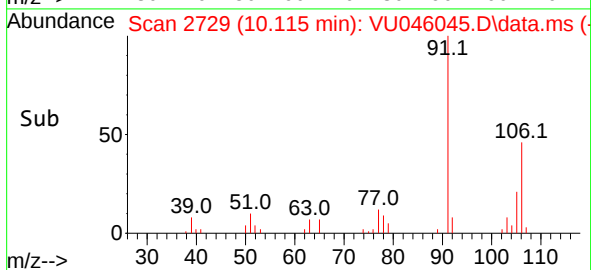
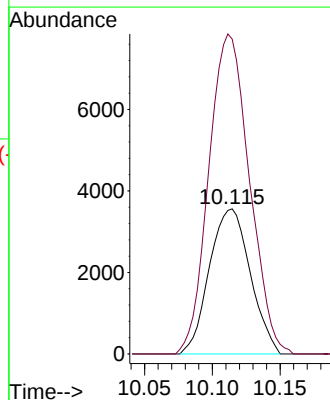
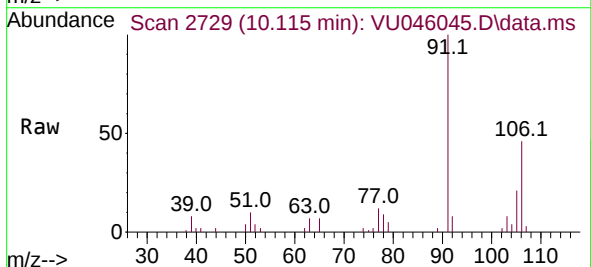
Instrument :
MSVOA_U
ClientSampleId :

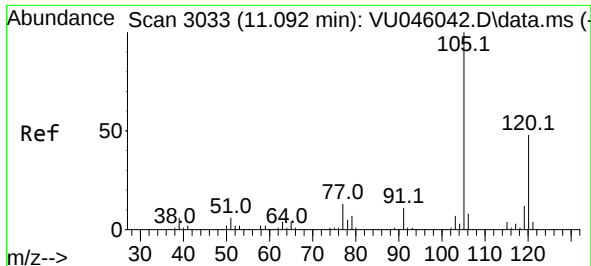
Tgt Ion:106 Resp: 28238
Ion Ratio Lower Upper
106 100
91 201.9 144.3 268.1



#54
o-xylene
Concen: 2.880 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. 0.010 min
Lab File: VU046045.D
Acq: 02 Dec 2021 12:28

Tgt Ion:106 Resp: 7457
Ion Ratio Lower Upper
106 100
91 217.0 154.2 286.4





#62

1,3,5-Trimethylbenzene

Concen: 0.984 ug/L

RT: 11.099 min Scan# 3033

Delta R.T. 0.006 min

Lab File: VU046045.D

Acq: 02 Dec 2021 12:28

Instrument :

MSVOA_U

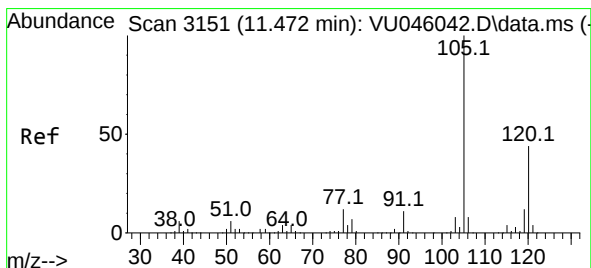
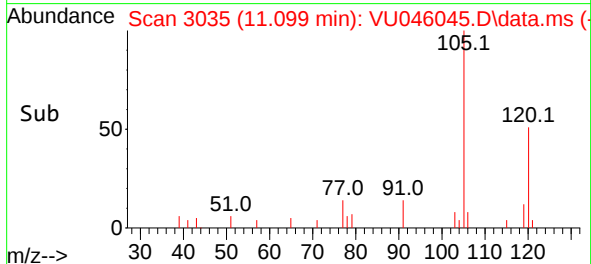
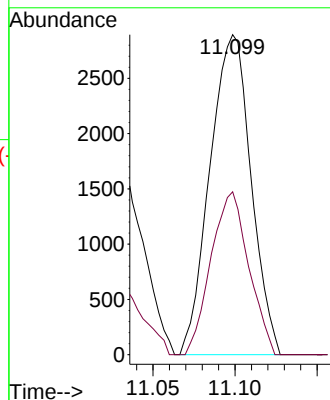
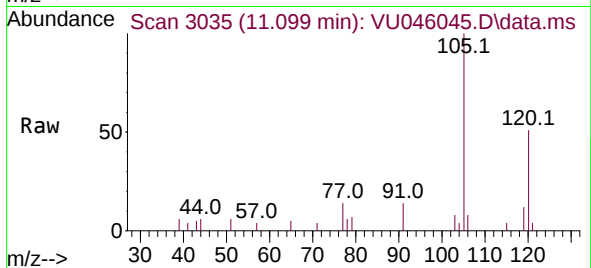
ClientSampleId :

Tgt Ion:105 Resp: 5042

Ion Ratio Lower Upper

105 100

120 46.7 37.8 56.6



#63

1,2,4-Trimethylbenzene

Concen: 3.162 ug/L

RT: 11.475 min Scan# 3152

Delta R.T. 0.003 min

Lab File: VU046045.D

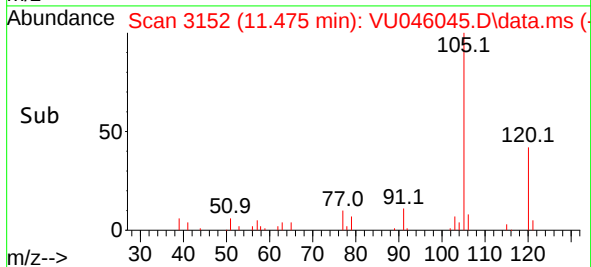
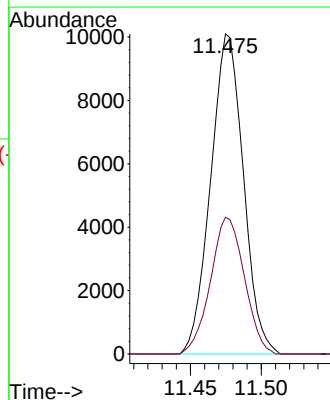
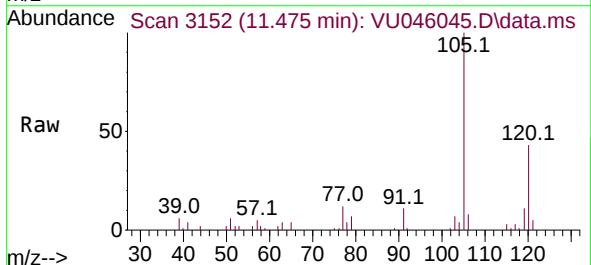
Acq: 02 Dec 2021 12:28

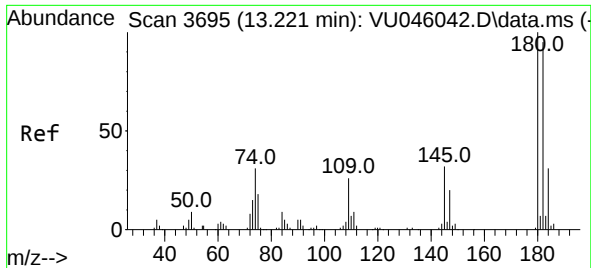
Tgt Ion:105 Resp: 16211

Ion Ratio Lower Upper

105 100

120 44.2 35.2 52.8

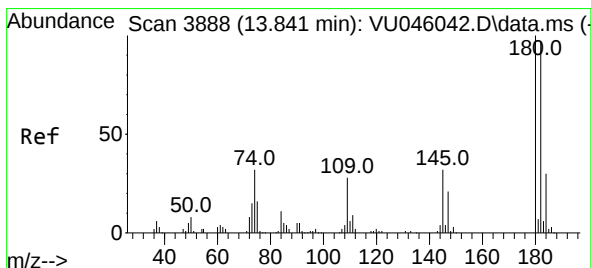
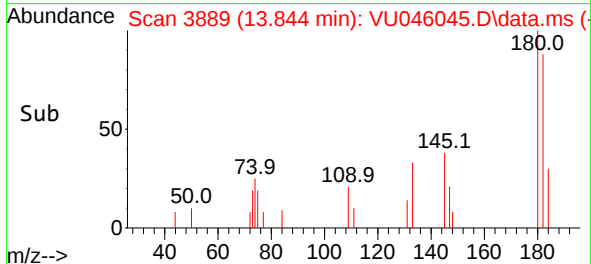
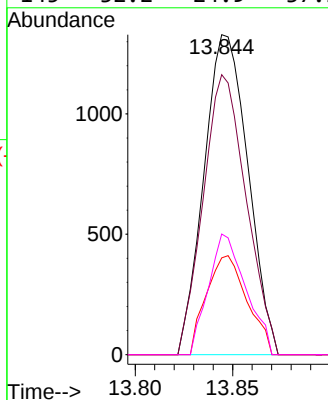
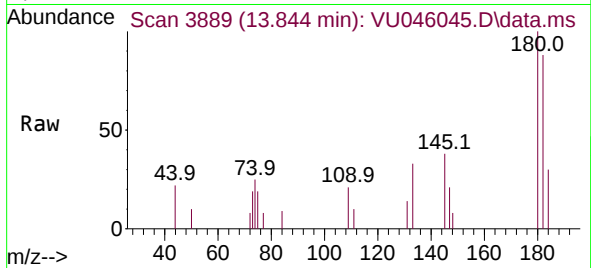




#69
 1,3,5-Trichlorobenzene
 Concen: 0.978 ug/L
 RT: 13.844 min Scan# 3889
 Delta R.T. 0.624 min
 Lab File: VU046045.D
 Acq: 02 Dec 2021 12:28

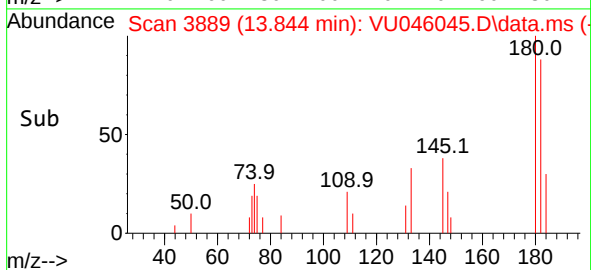
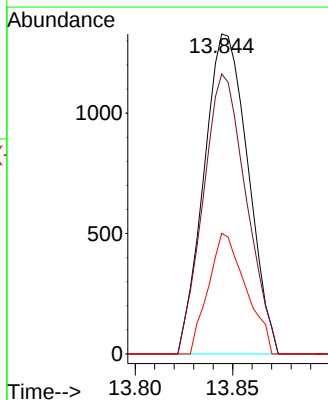
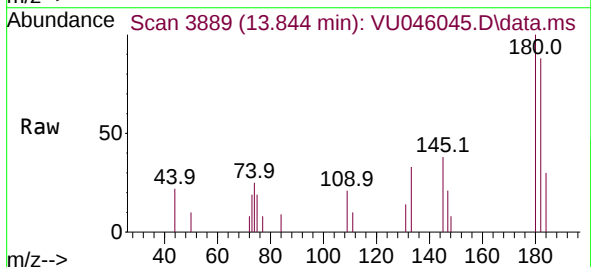
Instrument :
 MSVOA_U
 ClientSampleId :

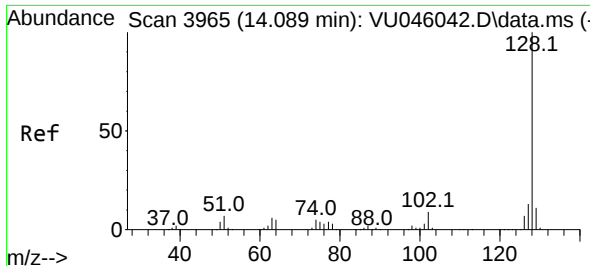
Tgt Ion:180	Resp:	2082
Ion Ratio	Lower	Upper
180	100	
182	85.7	75.9 113.9
184	28.7	24.2 36.4
145	32.2	24.9 37.3



#70
 1,2,4-trichlorobenzene
 Concen: 1.103 ug/L
 RT: 13.844 min Scan# 3889
 Delta R.T. 0.003 min
 Lab File: VU046045.D
 Acq: 02 Dec 2021 12:28

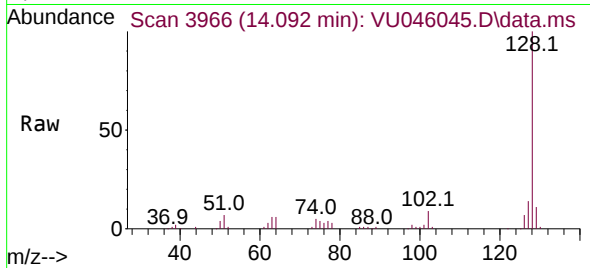
Tgt Ion:180	Resp:	2082
Ion Ratio	Lower	Upper
180	100	
182	85.7	76.7 115.1
145	32.2	26.0 39.0





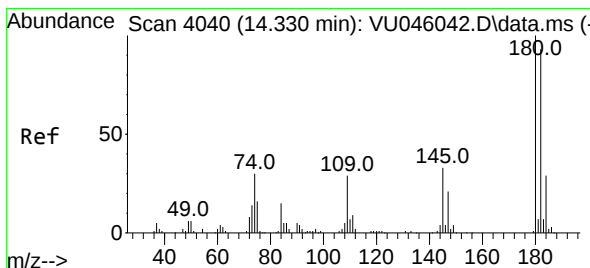
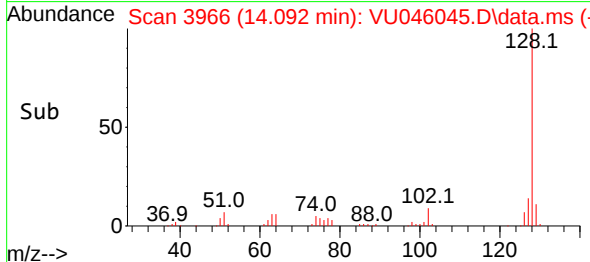
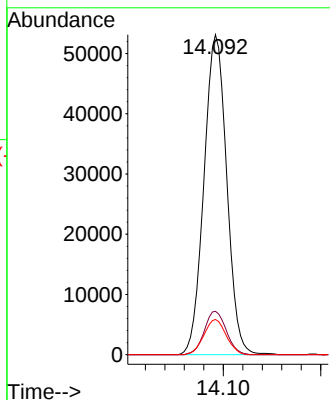
#71
Naphthalene
Concen: 13.128 ug/L
RT: 14.092 min Scan# 3965
Delta R.T. 0.003 min
Lab File: VU046045.D
Acq: 02 Dec 2021 12:28

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 86256

Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.1	15.1
129	10.8	8.6	13.0



#72
1,2,3-Trichlorobenzene
Concen: 0.670 ug/L
RT: 14.336 min Scan# 4042
Delta R.T. 0.006 min
Lab File: VU046045.D
Acq: 02 Dec 2021 12:28

Tgt Ion:180 Resp: 1291

Ion	Ratio	Lower	Upper
180	100		
182	85.6	76.0	114.0
145	37.6	27.3	40.9

