

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122921\
 Data File : VU046635.D
 Acq On : 29 Dec 2021 18:37
 Operator : SY/MD
 Sample : M5193-02RE
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J04RE

Quant Time: Dec 30 04:23:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 30 04:21:35 2021
 Response via : Initial Calibration

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

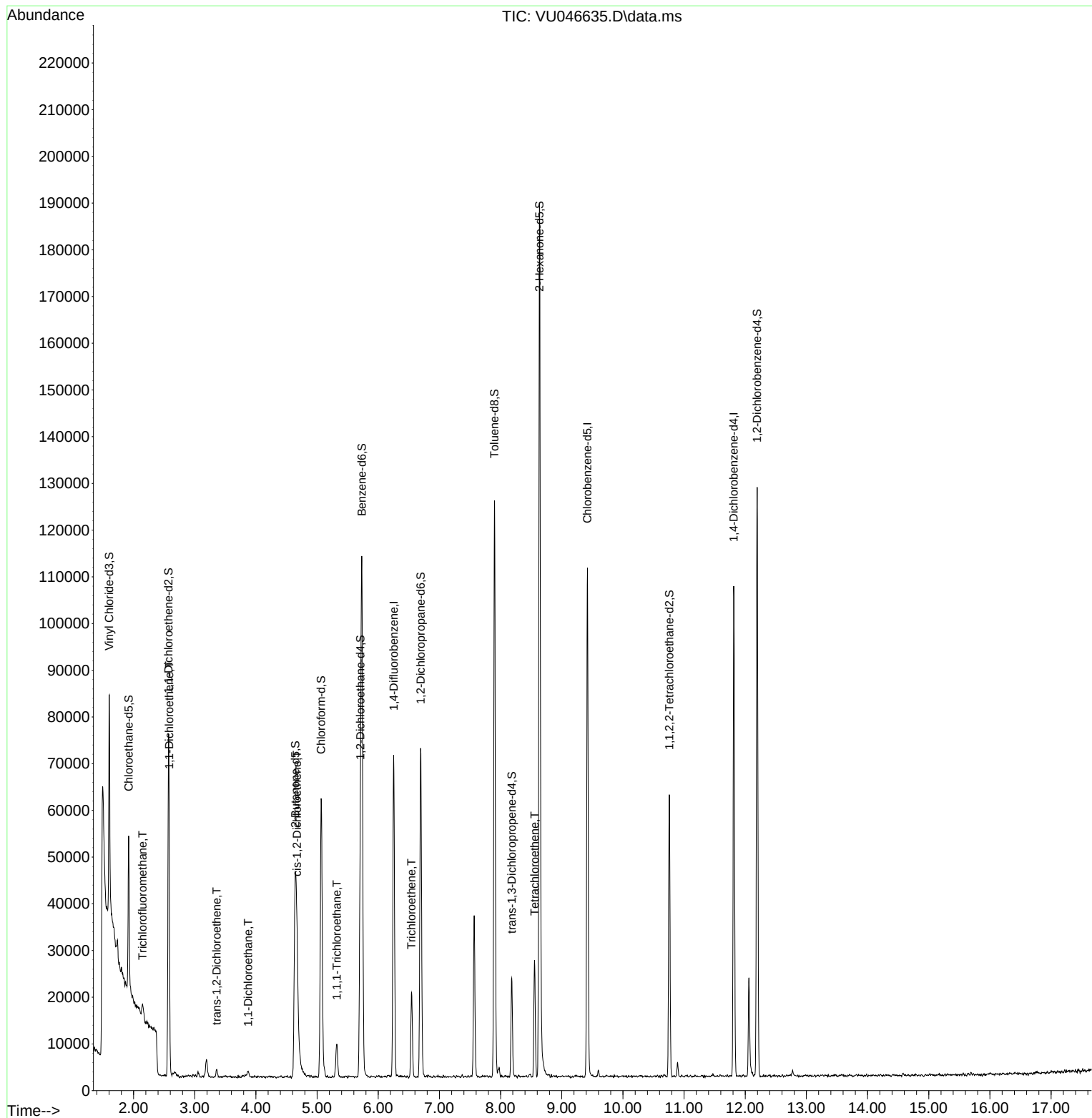
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	53842	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	60531	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	26813	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	35020	8.257	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery	= 165.200%#		
7) Chloroethane-d5	1.919	69	24647	7.380	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery	= 147.600%#		
11) 1,1-Dichloroethene-d2	2.571	65	13996	7.826	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery	= 156.600%#		
20) 2-Butanone-d5	4.645	46	81531	66.277	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery	= 132.560%#		
24) Chloroform-d	5.066	84	56292	7.244	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery	= 144.800%#		
26) 1,2-Dichloroethane-d4	5.706	65	32307	7.272	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery	= 145.400%#		
32) Benzene-d6	5.732	84	104088	6.169	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery	= 123.400%		
36) 1,2-Dichloropropane-d6	6.693	67	32993	6.507	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery	= 130.200%		
41) Toluene-d8	7.899	98	81922	5.349	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery	= 107.000%		
43) trans-1,3-Dichloroprop...	8.182	79	12755	5.439	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery	= 108.800%		
46) 2-Hexanone-d5	8.635	63	67445	48.986	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery	= 97.980%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	29959	5.757	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery	= 115.200%		
66) 1,2-Dichlorobenzene-d4	12.195	152	32639	6.608	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery	= 132.200%#		
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.147	101	1386	0.152	ug/L	93
12) 1,1-Dichloroethene	2.581	96	729	0.154	ug/L #	1
18) trans-1,2-Dichloroethene	3.359	96	672	0.133	ug/L #	74
19) 1,1-Dichloroethane	3.874	63	1223	0.131	ug/L #	82
22) cis-1,2-Dichloroethene	4.671	96	5093	0.922	ug/L	94
29) 1,1,1-Trichloroethane	5.320	97	5845	0.584	ug/L	97
34) Trichloroethene	6.542	95	6535	1.031	ug/L	96
47) Tetrachloroethene	8.555	164	5463	1.218	ug/L	93

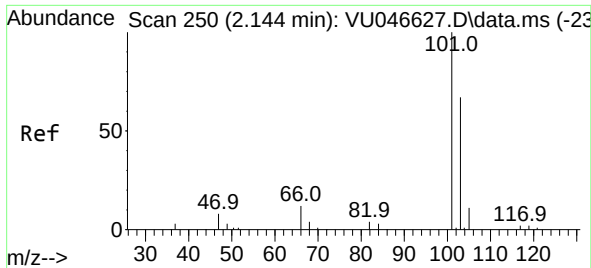
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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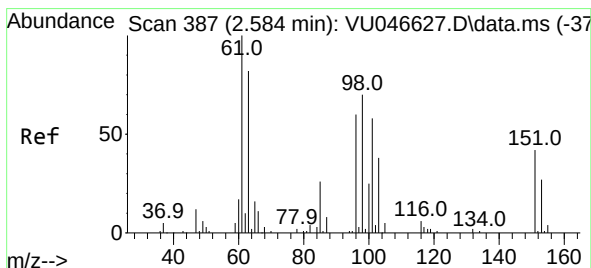
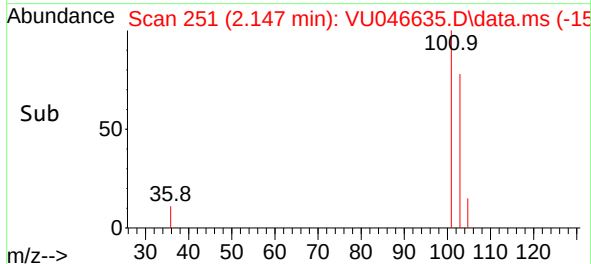
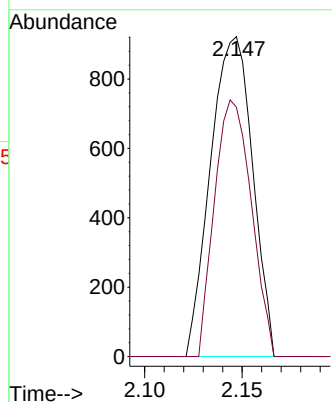
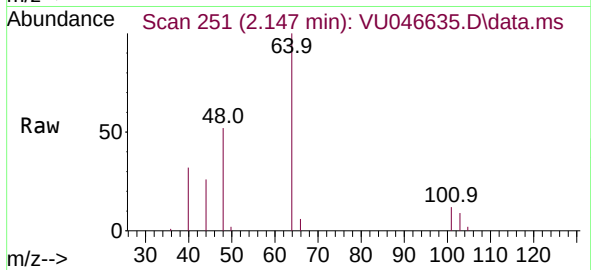




#9
Trichlorofluoromethane
Concen: 0.152 ug/L
RT: 2.147 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU046635.D
Acq: 29 Dec 2021 18:37

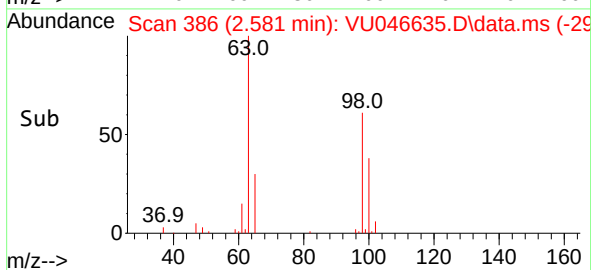
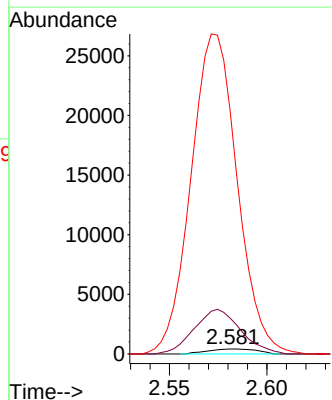
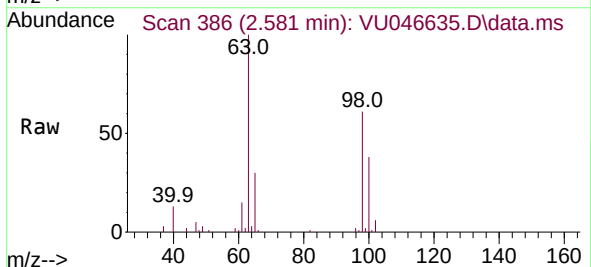
Instrument :
MSVOA_U
ClientSampleId :
C0J04RE

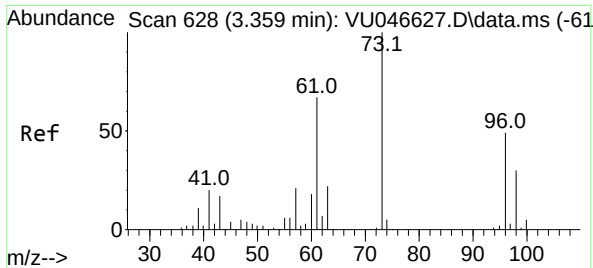
Tgt Ion:101 Resp: 1386
Ion Ratio Lower Upper
101 100
103 70.0 51.5 77.3



#12
1,1-Dichloroethene
Concen: 0.154 ug/L
RT: 2.581 min Scan# 386
Delta R.T. -0.003 min
Lab File: VU046635.D
Acq: 29 Dec 2021 18:37

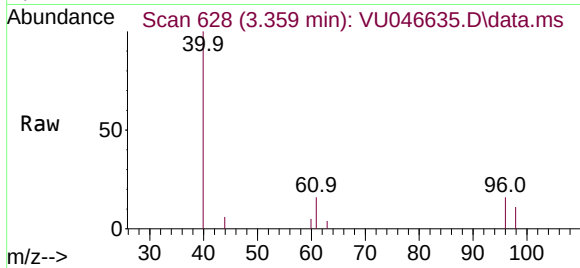
Tgt Ion: 96 Resp: 729
Ion Ratio Lower Upper
96 100
61 723.8 124.7 231.5#
63 4907.7 105.2 195.4#



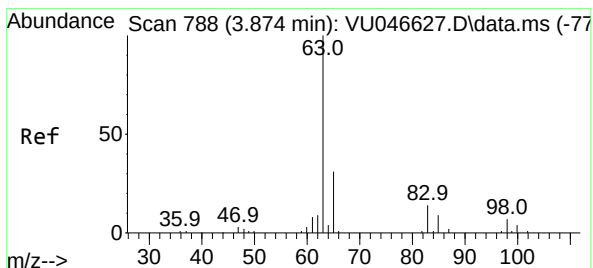
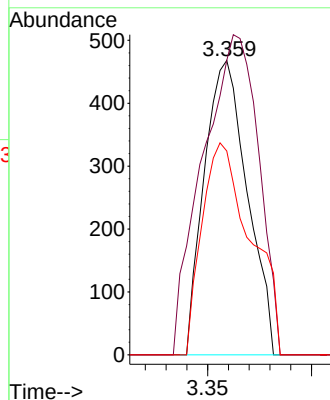
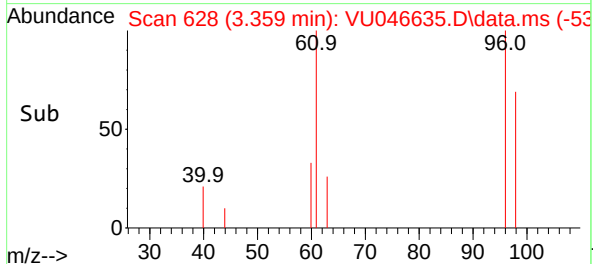


#18
trans-1,2-Dichloroethene
Concen: 0.133 ug/L
RT: 3.359 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU046635.D
Acq: 29 Dec 2021 18:37

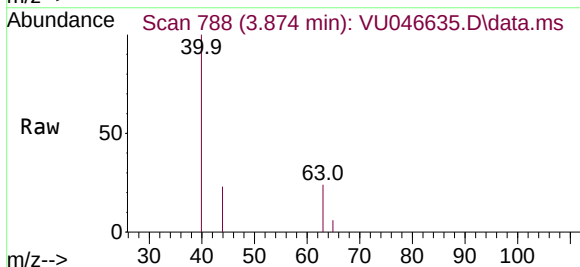
Instrument :
MSVOA_U
ClientSampleId :
C0J04RE



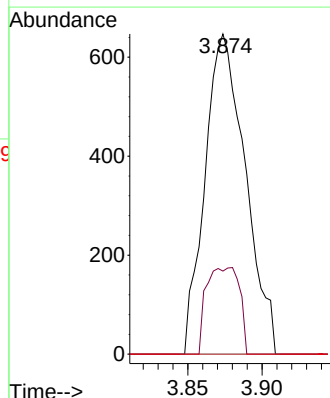
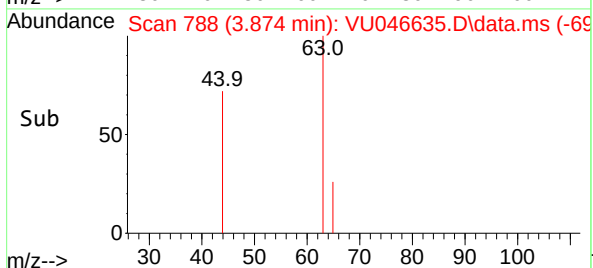
Tgt Ion: 96 Resp: 672
Ion Ratio Lower Upper
96 100
61 100.0 100.8 187.2#
98 69.2 45.1 83.7

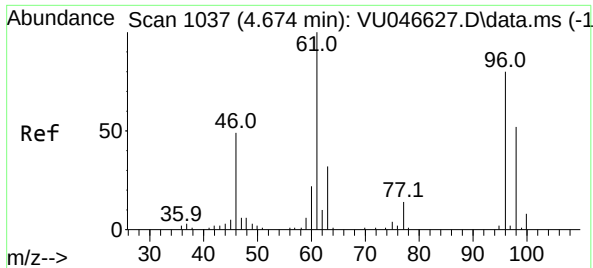


#19
1,1-Dichloroethane
Concen: 0.131 ug/L
RT: 3.874 min Scan# 788
Delta R.T. -0.000 min
Lab File: VU046635.D
Acq: 29 Dec 2021 18:37



Tgt Ion: 63 Resp: 1223
Ion Ratio Lower Upper
63 100
65 26.0 22.3 41.5
83 0.0 9.6 17.8#





#22

cis-1,2-Dichloroethene

Concen: 0.922 ug/L

RT: 4.671 min Scan# 1037

Delta R.T. -0.003 min

Lab File: VU046635.D

Acq: 29 Dec 2021 18:37

Instrument :

MSVOA_U

ClientSampleId :

C0J04RE

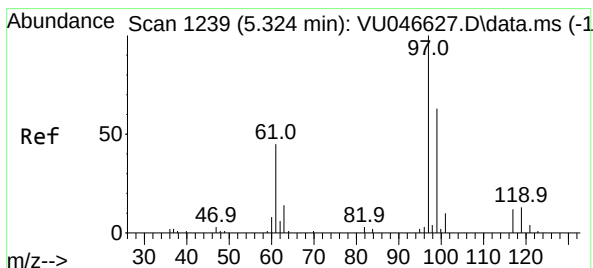
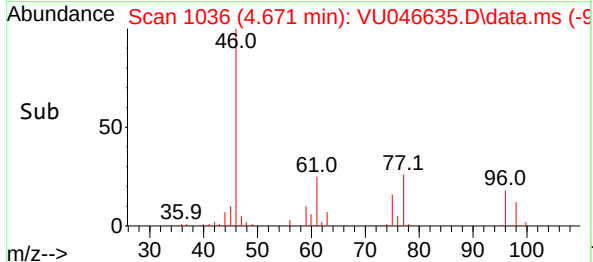
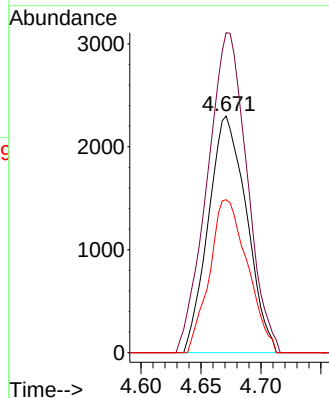
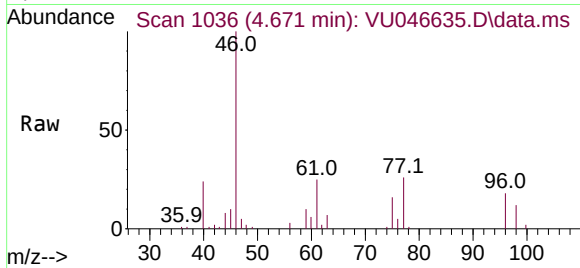
Tgt Ion: 96 Resp: 5093

Ion Ratio Lower Upper

96 100

61 135.2 88.5 164.3

98 64.7 44.4 82.5



#29

1,1,1-Trichloroethane

Concen: 0.584 ug/L

RT: 5.320 min Scan# 1238

Delta R.T. -0.003 min

Lab File: VU046635.D

Acq: 29 Dec 2021 18:37

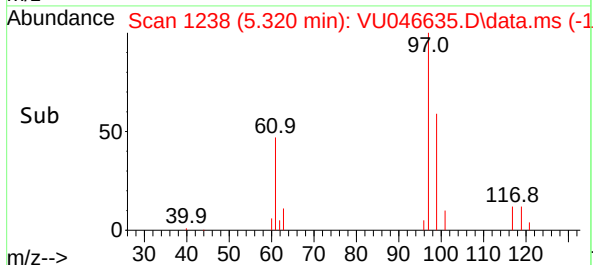
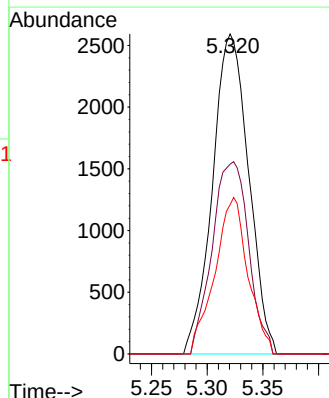
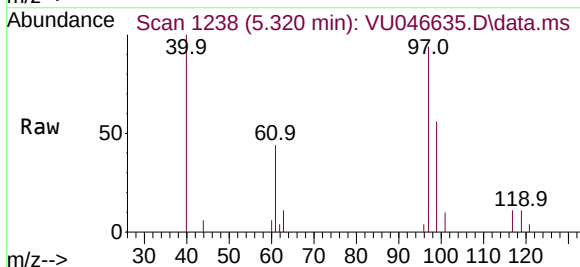
Tgt Ion: 97 Resp: 5845

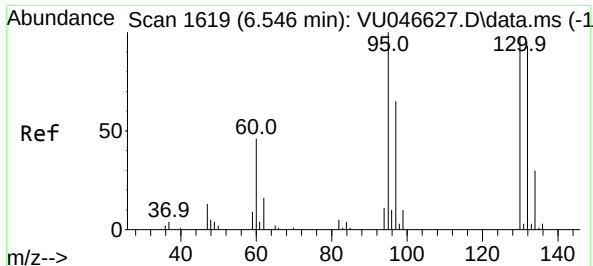
Ion Ratio Lower Upper

97 100

99 60.6 51.3 76.9

61 44.9 36.1 54.1



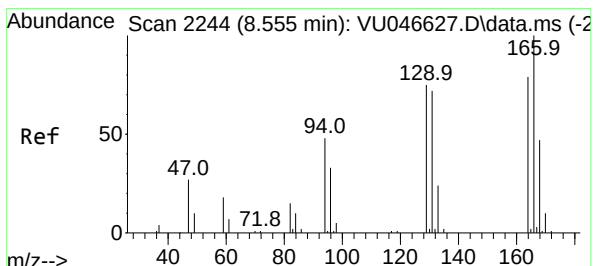
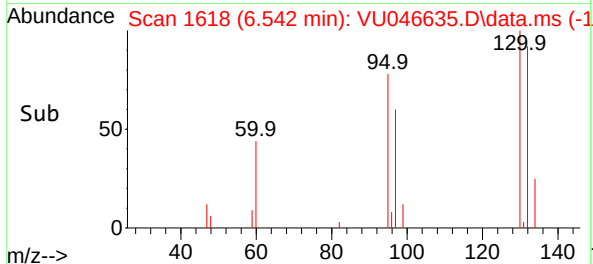
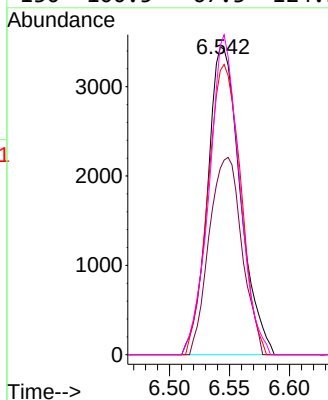
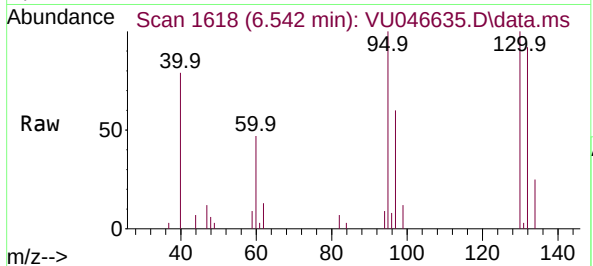


#34
Trichloroethene
Concen: 1.031 ug/L
RT: 6.542 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU046635.D
Acq: 29 Dec 2021 18:37

Instrument :
MSVOA_U
ClientSampleId :
C0J04RE

Tgt Ion: 95 Resp: 6535

Ion	Ratio	Lower	Upper
95	100		
97	60.6	46.5	86.5
132	92.3	65.1	120.9
130	100.5	67.3	124.9



#47
Tetrachloroethene
Concen: 1.218 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU046635.D
Acq: 29 Dec 2021 18:37

Tgt Ion: 164 Resp: 5463

Ion	Ratio	Lower	Upper
164	100		
129	92.0	71.8	133.4
131	101.2	68.5	127.3
166	125.9	94.1	174.8

