

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122921\
 Data File : VU046633.D
 Acq On : 29 Dec 2021 17:49
 Operator : SY/MD
 Sample : M5193-07DL 4X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J07DL

Quant Time: Dec 30 04:23:08 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)

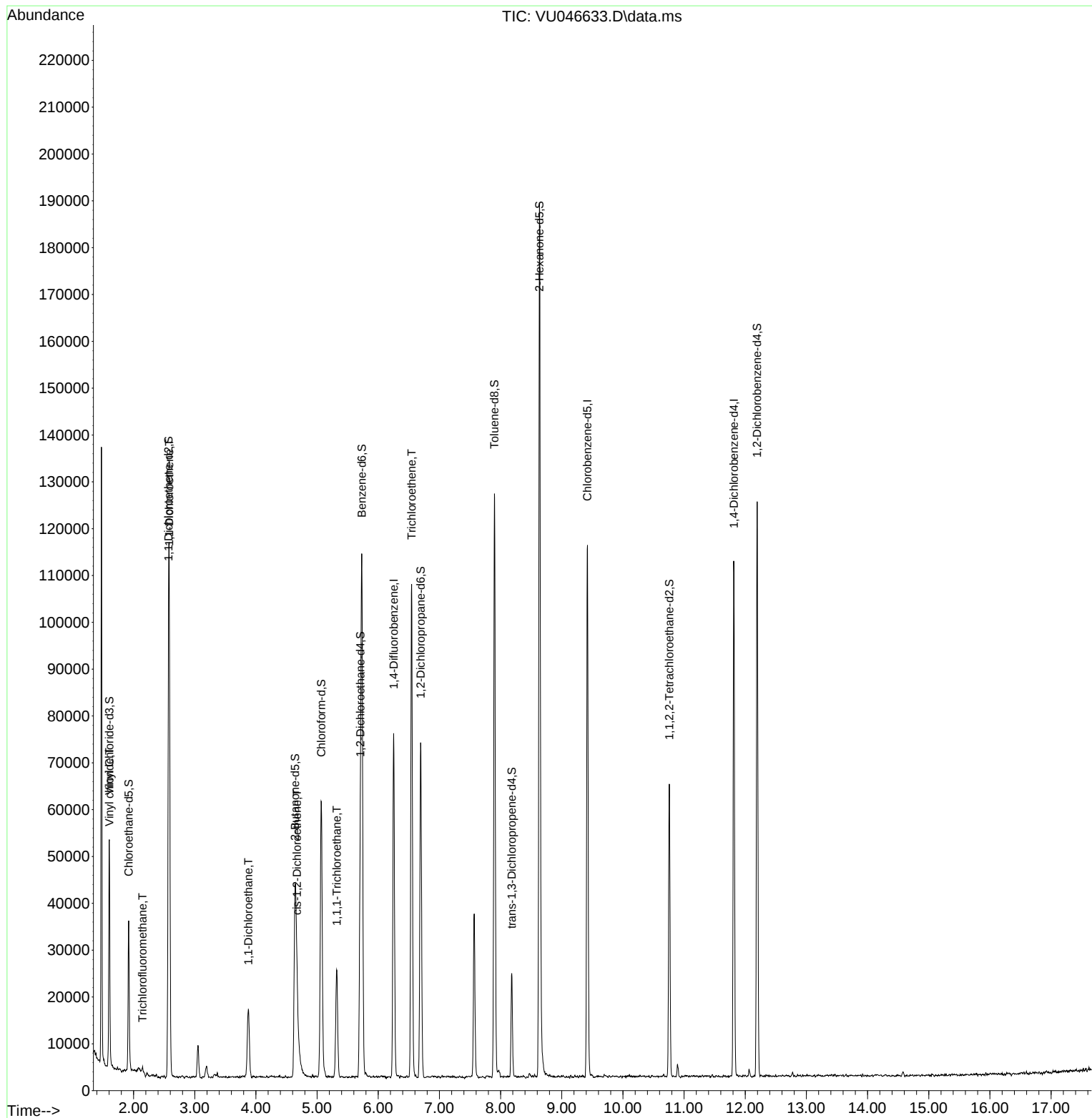
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	58655	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	62663	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	29034	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	35493	7.682	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	= 153.600%#	
7) Chloroethane-d5	1.919	69	24699	6.789	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	= 135.800%#	
11) 1,1-Dichloroethene-d2	2.571	65	14116	7.246	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	= 145.000%#	
20) 2-Butanone-d5	4.642	46	81562	60.861	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	= 121.720%	
24) Chloroform-d	5.070	84	56050	6.621	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 132.400%#	
26) 1,2-Dichloroethane-d4	5.706	65	31343	6.476	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 129.600%	
32) Benzene-d6	5.732	84	104486	5.982	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 119.600%	
36) 1,2-Dichloropropane-d6	6.693	67	33338	6.351	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	= 127.000%	
41) Toluene-d8	7.899	98	82832	5.225	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 104.400%	
43) trans-1,3-Dichloroprop...	8.182	79	13366	5.506	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	= 110.200%	
46) 2-Hexanone-d5	8.635	63	67442	47.318	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	= 94.640%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	30981	5.751	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 115.000%	
66) 1,2-Dichlorobenzene-d4	12.195	152	30788	5.757	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 115.200%	
Target Compounds						
5) Vinyl chloride	1.607	62	1071	0.141	ug/L	# 41
9) Trichlorofluoromethane	2.147	101	422	0.042	ug/L	99
12) 1,1-Dichloroethene	2.584	96	23232	4.503	ug/L	94
19) 1,1-Dichloroethane	3.877	63	17384	1.714	ug/L	98
22) cis-1,2-Dichloroethene	4.671	96	1387	0.231	ug/L	96
29) 1,1,1-Trichloroethane	5.321	97	17372	1.677	ug/L	99
34) Trichloroethene	6.546	95	36369	5.541	ug/L	98

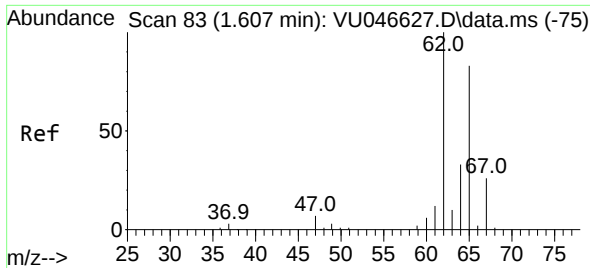
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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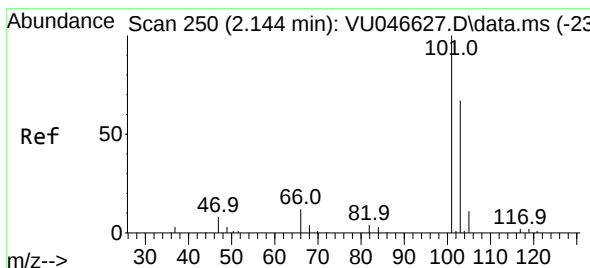
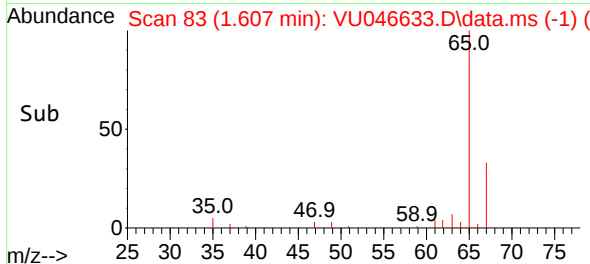
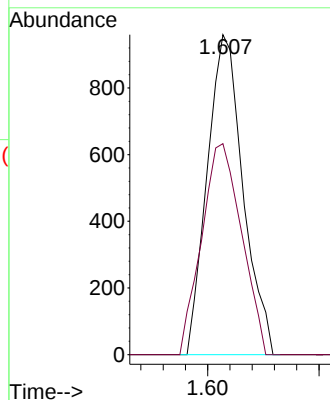
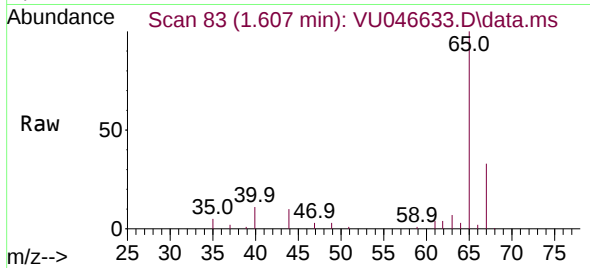




#5
 Vinyl chloride
 Concen: 0.141 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU046633.D
 Acq: 29 Dec 2021 17:49

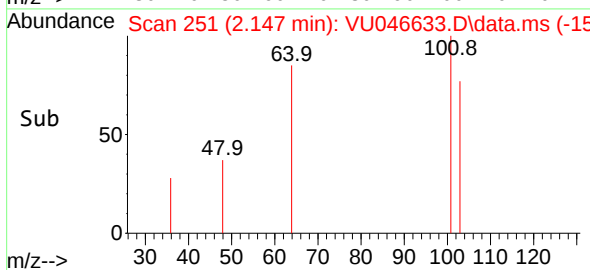
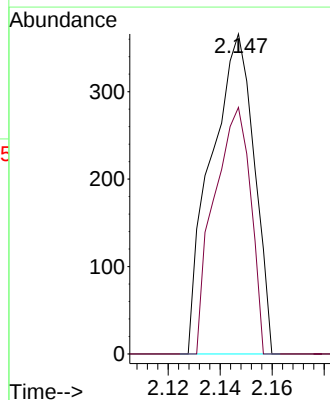
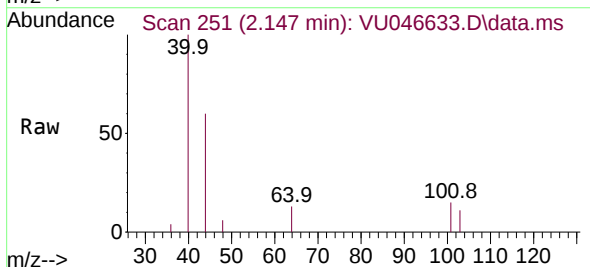
Instrument :
 MSVOA_U
 ClientSampleId :
 C0J07DL

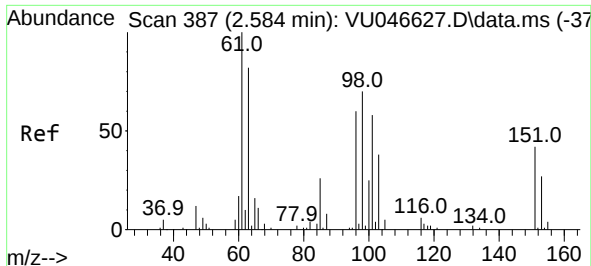
Tgt Ion: 62 Resp: 1071
 Ion Ratio Lower Upper
 62 100
 64 65.9 22.9 42.5#



#9
 Trichlorofluoromethane
 Concen: 0.042 ug/L
 RT: 2.147 min Scan# 251
 Delta R.T. 0.003 min
 Lab File: VU046633.D
 Acq: 29 Dec 2021 17:49

Tgt Ion: 101 Resp: 422
 Ion Ratio Lower Upper
 101 100
 103 65.2 51.5 77.3





#12

1,1-Dichloroethene

Concen: 4.503 ug/L

RT: 2.584 min Scan# 387

Delta R.T. -0.000 min

Lab File: VU046633.D

Acq: 29 Dec 2021 17:49

Instrument :

MSVOA_U

ClientSampleId :

C0J07DL

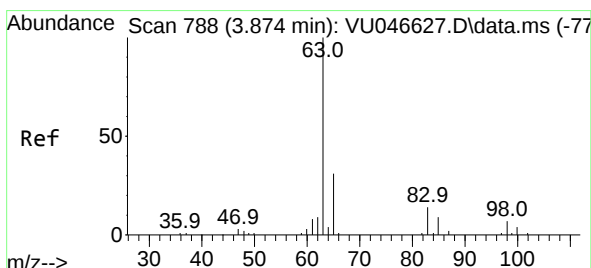
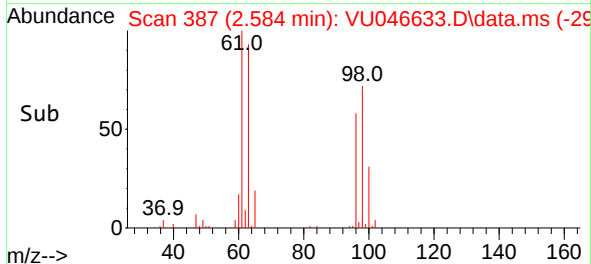
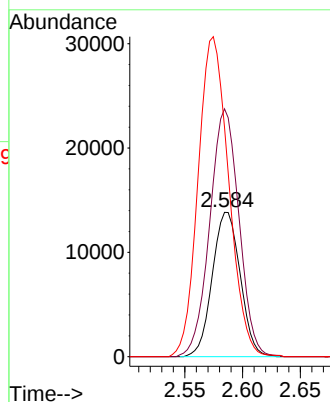
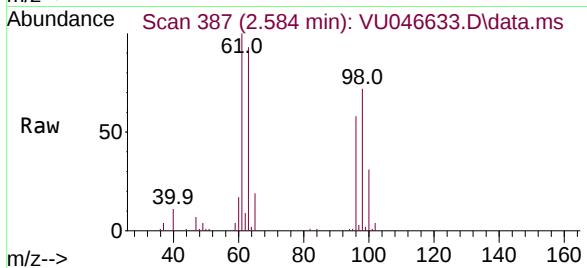
Tgt Ion: 96 Resp: 23232

Ion Ratio Lower Upper

96 100

61 171.7 124.7 231.5

63 158.9 105.2 195.4



#19

1,1-Dichloroethane

Concen: 1.714 ug/L

RT: 3.877 min Scan# 789

Delta R.T. 0.003 min

Lab File: VU046633.D

Acq: 29 Dec 2021 17:49

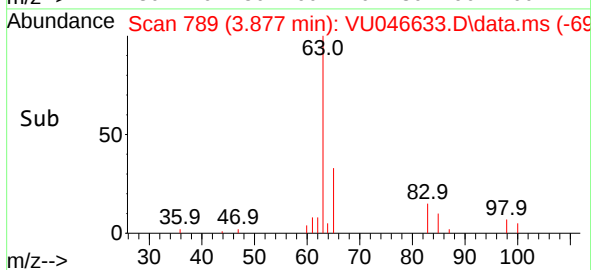
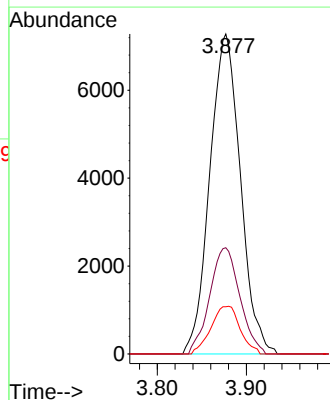
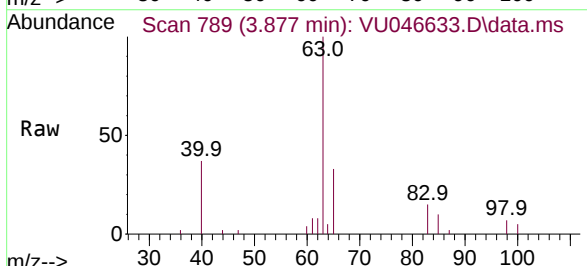
Tgt Ion: 63 Resp: 17384

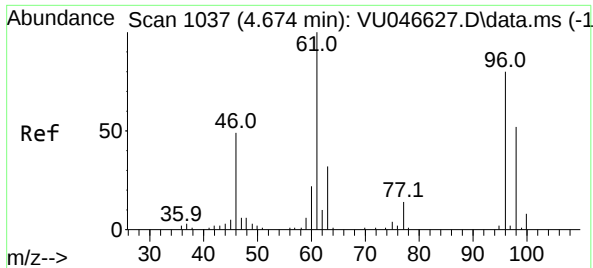
Ion Ratio Lower Upper

63 100

65 33.2 22.3 41.5

83 14.8 9.6 17.8





#22

cis-1,2-Dichloroethene

Concen: 0.231 ug/L

RT: 4.671 min Scan# 1037

Delta R.T. -0.003 min

Lab File: VU046633.D

Acq: 29 Dec 2021 17:49

Instrument :

MSVOA_U

ClientSampleId :

C0J07DL

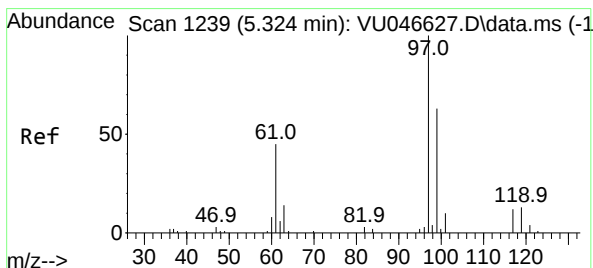
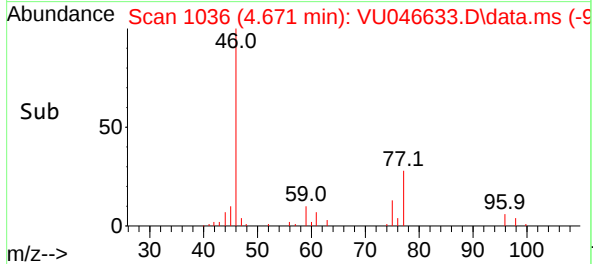
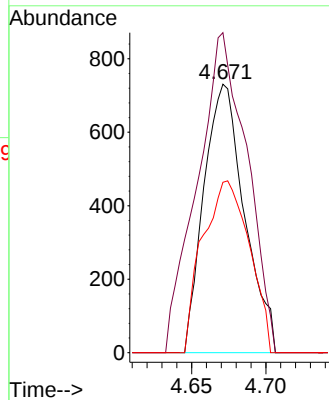
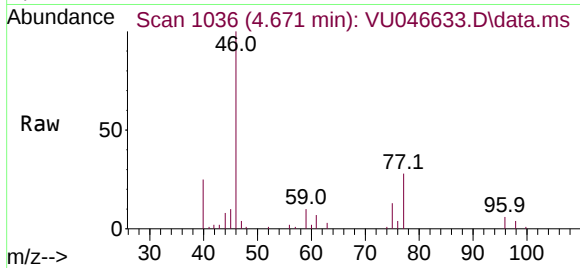
Tgt Ion: 96 Resp: 1387

Ion Ratio Lower Upper

96 100

61 119.2 88.5 164.3

98 63.5 44.4 82.5



#29

1,1,1-Trichloroethane

Concen: 1.677 ug/L

RT: 5.321 min Scan# 1238

Delta R.T. -0.003 min

Lab File: VU046633.D

Acq: 29 Dec 2021 17:49

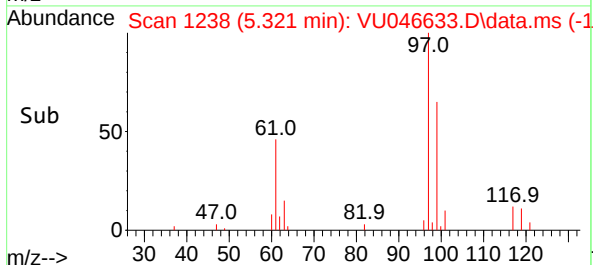
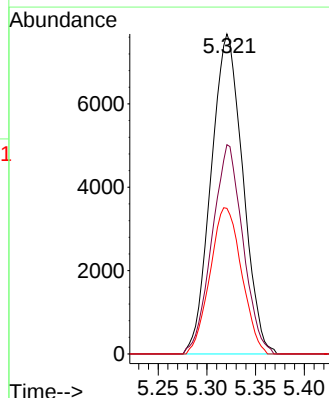
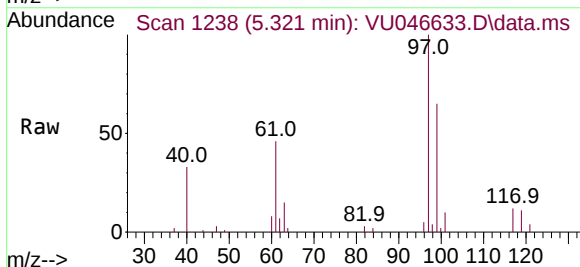
Tgt Ion: 97 Resp: 17372

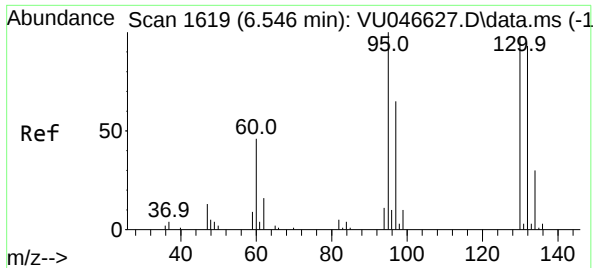
Ion Ratio Lower Upper

97 100

99 63.6 51.3 76.9

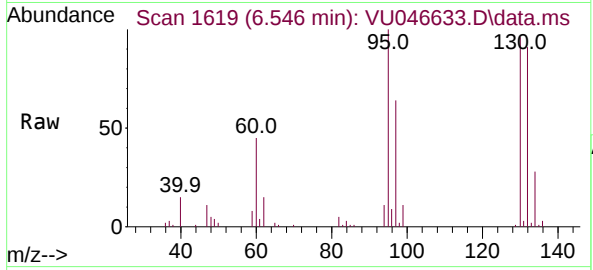
61 45.5 36.1 54.1





#34
 Trichloroethene
 Concen: 5.541 ug/L
 RT: 6.546 min Scan# 1
 Delta R.T. -0.000 min
 Lab File: VU046633.D
 Acq: 29 Dec 2021 17:49

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J07DL



Tgt Ion: 95 Resp: 36369

Ion	Ratio	Lower	Upper
95	100		
97	64.2	46.5	86.5
132	91.0	65.1	120.9
130	95.6	67.3	124.9

