

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072722\
 Data File : VU049966.D
 Acq On : 27 Jul 2022 23:29
 Operator : SY/MD
 Sample : N3870-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBJ01

Quant Time: Jul 28 03:51:01 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jul 28 03:41:29 2022
 Response via : Initial Calibration

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

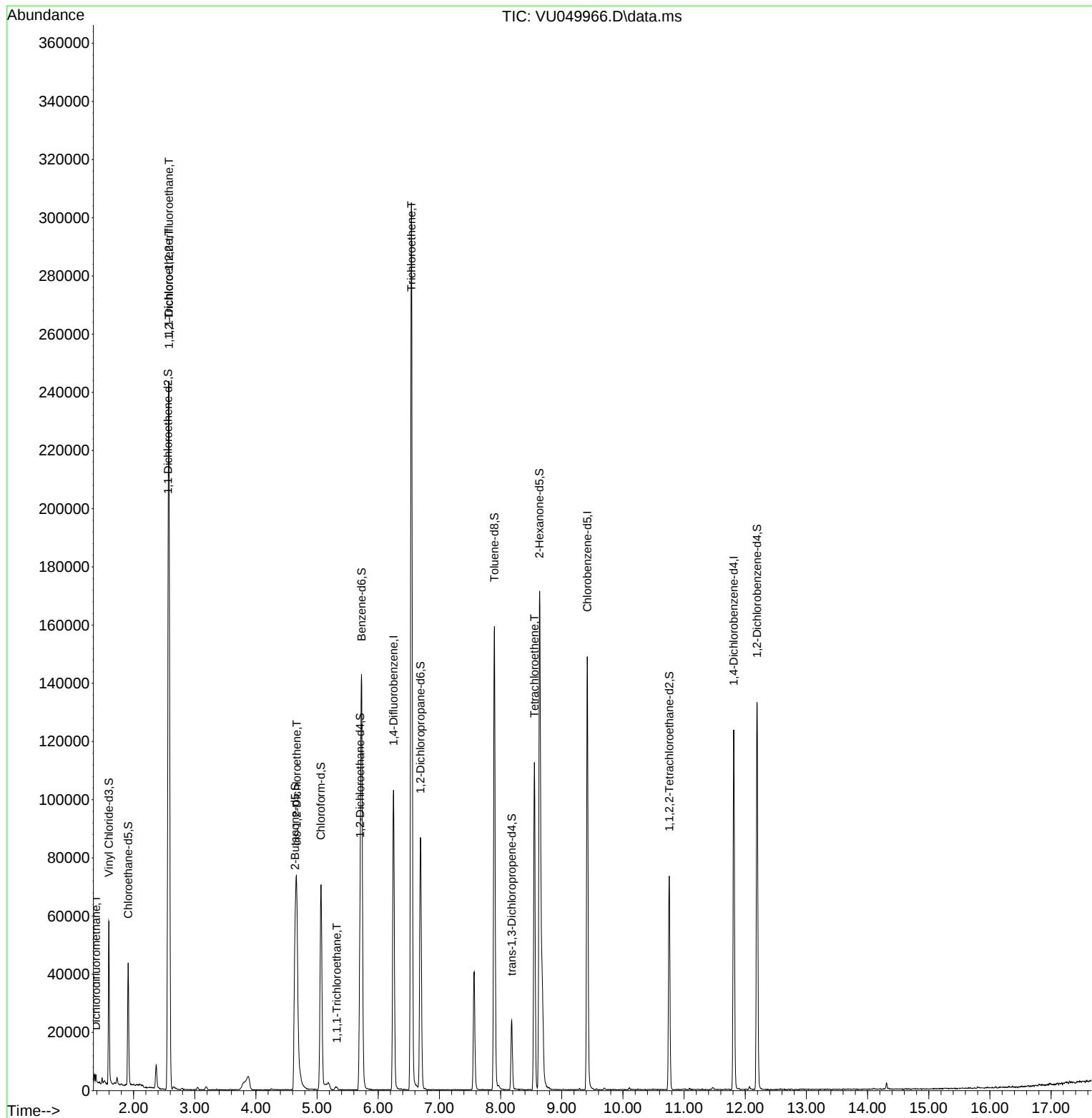
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	87135	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	87029	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	34137	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	39502	5.280	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	= 105.600%	
7) Chloroethane-d5	1.912	69	30675	5.708	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	= 114.200%	
11) 1,1-Dichloroethene-d2	2.565	65	14324	5.555	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	= 111.200%	
20) 2-Butanone-d5	4.642	46	103171	61.950	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	= 123.900%	
24) Chloroform-d	5.063	84	67364	5.441	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 108.800%	
26) 1,2-Dichloroethane-d4	5.703	65	34947	5.602	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 112.000%	
32) Benzene-d6	5.729	84	136799	5.319	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	= 106.400%	
36) 1,2-Dichloropropane-d6	6.690	67	46734	5.547	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	= 111.000%	
41) Toluene-d8	7.899	98	112510	4.922	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	= 98.400%	
43) trans-1,3-Dichloroprop...	8.182	79	15068	5.103	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	= 102.000%	
46) 2-Hexanone-d5	8.635	63	56939	51.512	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	= 103.020%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	38775	5.478	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	= 109.600%	
66) 1,2-Dichlorobenzene-d4	12.192	152	36852	5.820	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	= 116.400%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	1736	0.258	ug/L	92
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	81059	15.608	ug/L	97
12) 1,1-Dichloroethene	2.575	96	3299	0.686	ug/L #	1
22) cis-1,2-Dichloroethene	4.668	96	21697	3.434	ug/L	98
29) 1,1,1-Trichloroethane	5.320	97	921	0.100	ug/L #	87
34) Trichloroethene	6.542	95	109068	17.665	ug/L	98
47) Tetrachloroethene	8.552	164	24879	5.599	ug/L	93

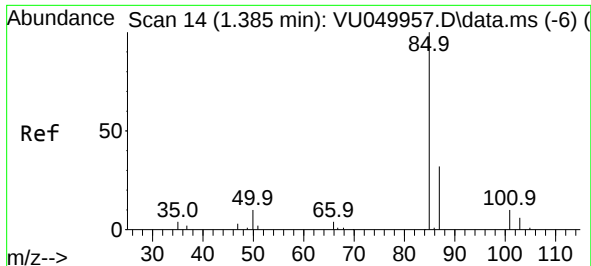
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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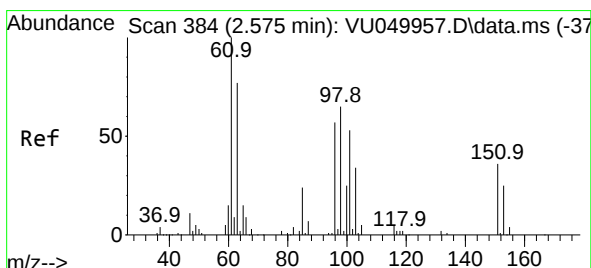
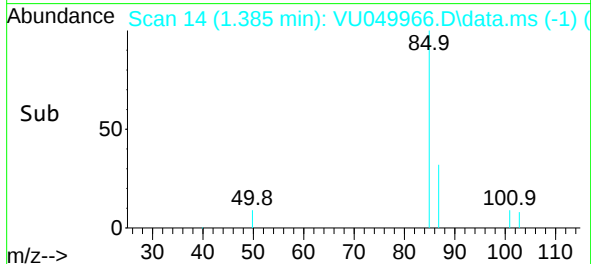
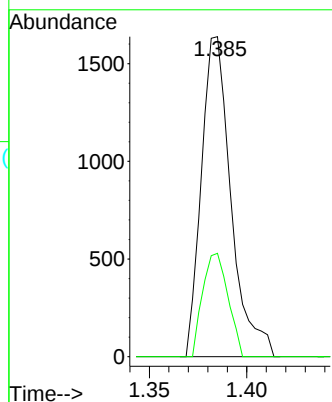
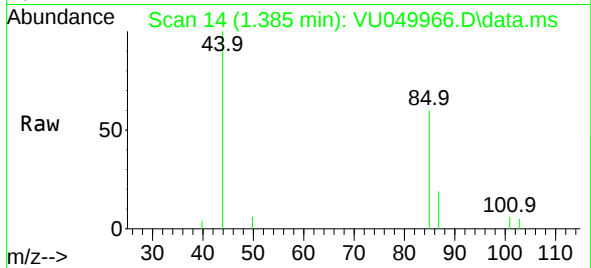




#2
Dichlorodifluoromethane
Concen: 0.258 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU049966.D
Acq: 27 Jul 2022 23:29

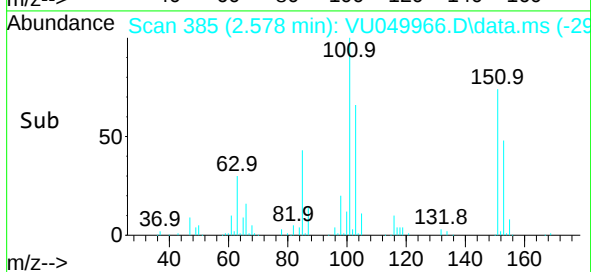
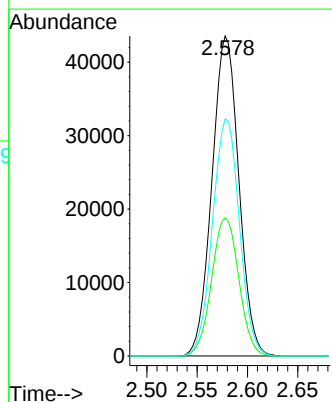
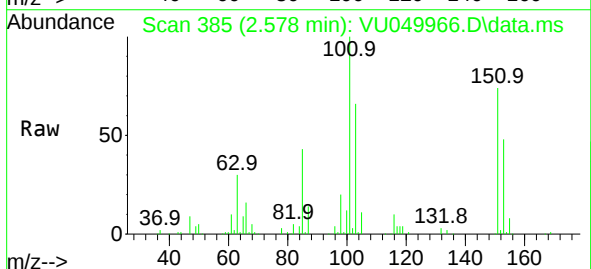
Instrument :
MSVOA_U
ClientSampleId :
GBJ01

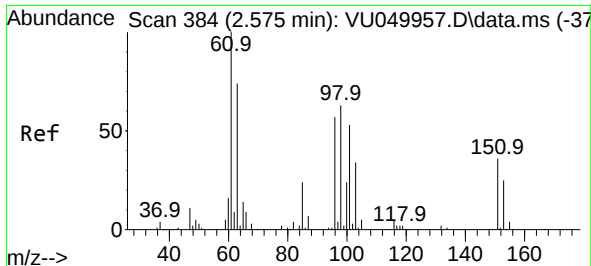
Tgt Ion: 85 Resp: 1736
Ion Ratio Lower Upper
85 100
87 27.5 25.7 38.5



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 15.608 ug/L
RT: 2.578 min Scan# 385
Delta R.T. 0.003 min
Lab File: VU049966.D
Acq: 27 Jul 2022 23:29

Tgt Ion:101 Resp: 81059
Ion Ratio Lower Upper
101 100
85 43.7 34.1 51.1
151 74.4 56.6 85.0

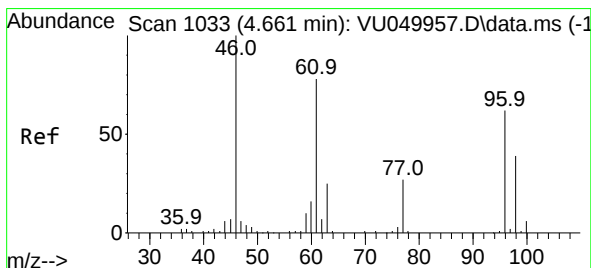
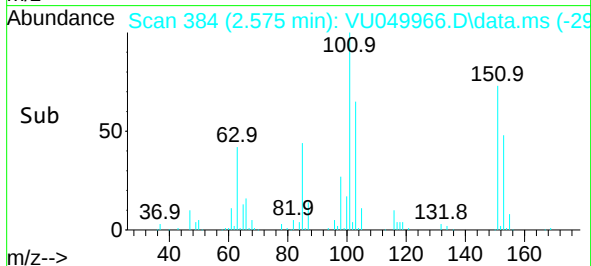
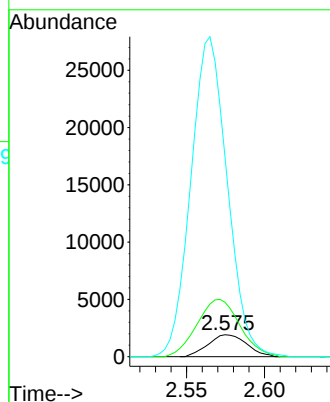
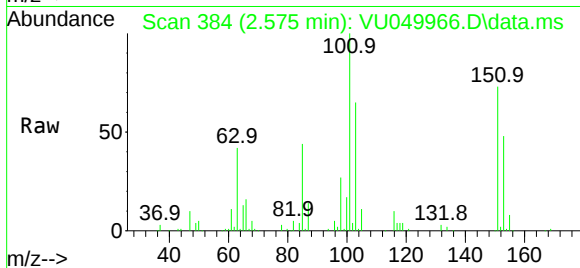




#12
1,1-Dichloroethene
Concen: 0.686 ug/L
RT: 2.575 min Scan# 384
Delta R.T. -0.000 min
Lab File: VU049966.D
Acq: 27 Jul 2022 23:29

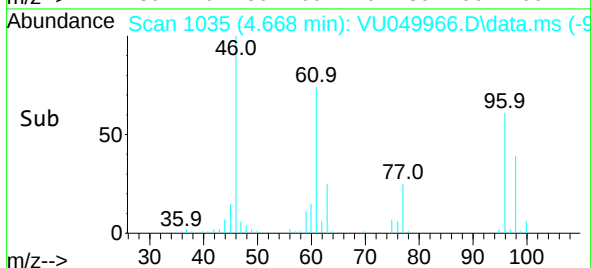
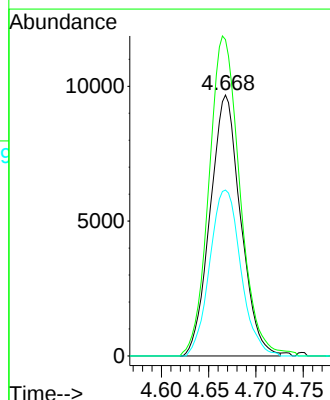
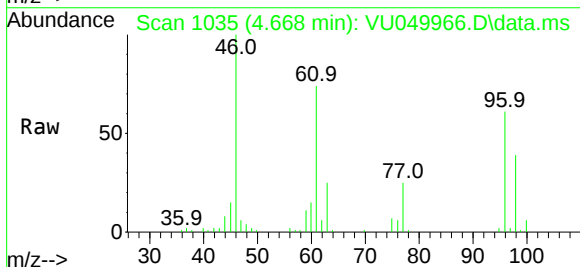
Instrument :
MSVOA_U
ClientSampleId :
GBJ01

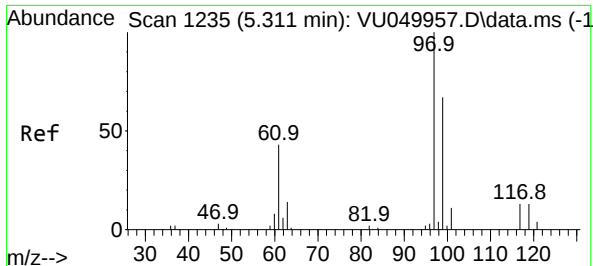
Tgt Ion: 96 Resp: 3299
Ion Ratio Lower Upper
96 100
61 247.3 115.7 214.9#
63 909.7 84.8 157.4#



#22
cis-1,2-Dichloroethene
Concen: 3.434 ug/L
RT: 4.668 min Scan# 1035
Delta R.T. 0.006 min
Lab File: VU049966.D
Acq: 27 Jul 2022 23:29

Tgt Ion: 96 Resp: 21697
Ion Ratio Lower Upper
96 100
61 121.3 87.2 161.9
98 63.6 44.7 83.1





#29

1,1,1-Trichloroethane

Concen: 0.100 ug/L

RT: 5.320 min Scan# 11

Delta R.T. 0.010 min

Lab File: VU049966.D

Acq: 27 Jul 2022 23:29

Instrument :

MSVOA_U

ClientSampleId :

GBJ01

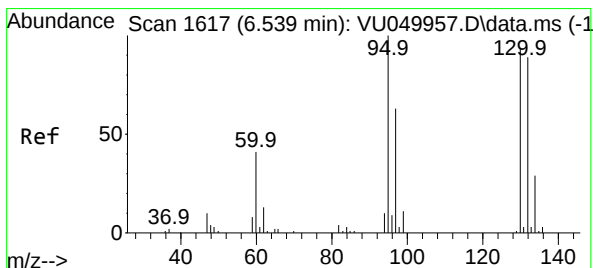
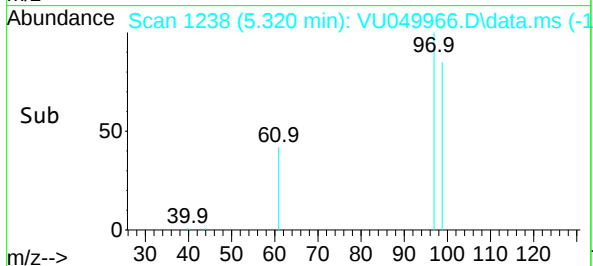
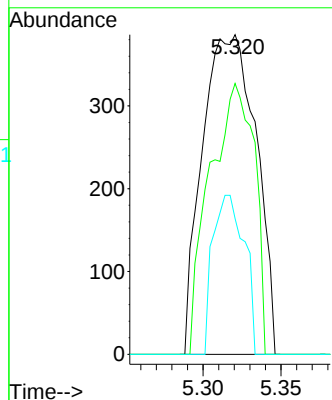
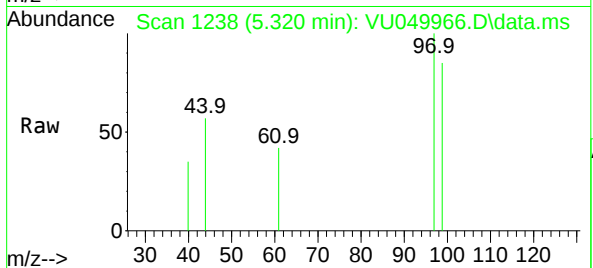
Tgt Ion: 97 Resp: 921

Ion Ratio Lower Upper

97 100

99 70.5 52.0 78.0

61 29.3 35.0 52.6#



#34

Trichloroethene

Concen: 17.665 ug/L

RT: 6.542 min Scan# 1618

Delta R.T. 0.003 min

Lab File: VU049966.D

Acq: 27 Jul 2022 23:29

Tgt Ion: 95 Resp: 109068

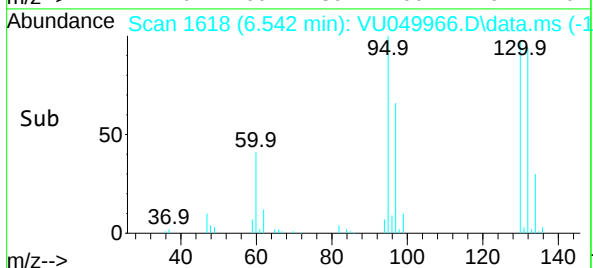
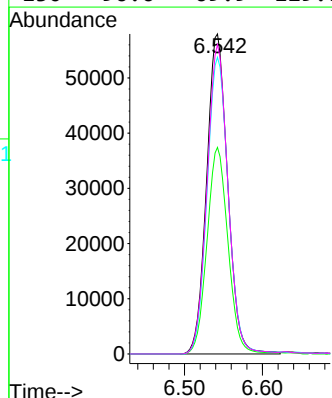
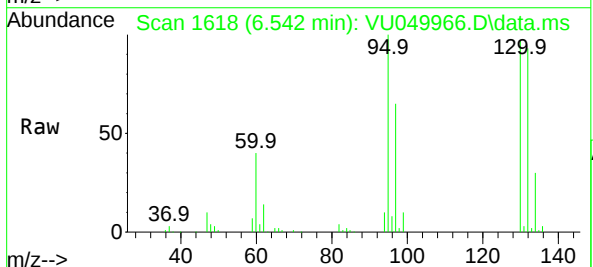
Ion Ratio Lower Upper

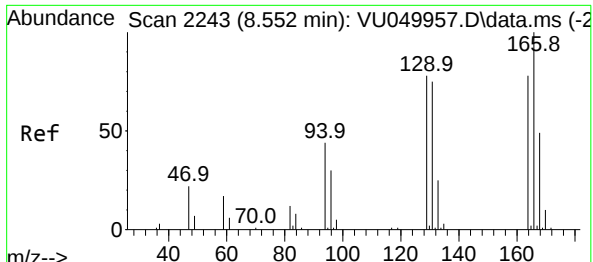
95 100

97 64.5 45.6 84.8

132 92.7 66.8 124.2

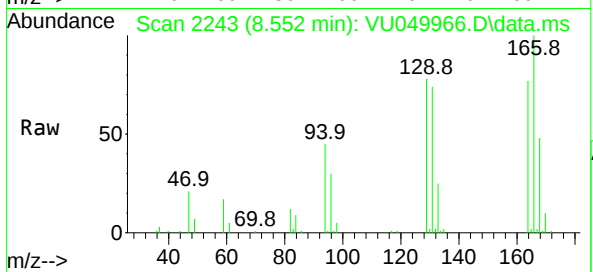
130 96.6 69.9 129.7





#47
 Tetrachloroethene
 Concen: 5.599 ug/L
 RT: 8.552 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VU049966.D
 Acq: 27 Jul 2022 23:29

Instrument :
 MSVOA_U
 ClientSampleId :
 GBJ01



Tgt Ion:	164	Resp:	24879
Ion	Ratio	Lower	Upper
164	100		
129	101.4	66.3	123.1
131	95.3	63.1	117.1
166	129.4	84.6	157.0

