

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU013122\
 Data File : VU046950.D
 Acq On : 01 Feb 2022 04:51
 Operator : SY/MD
 Sample : N1273-21 50X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COHL9

Quant Time: Feb 01 05:21:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Feb 01 01:39:38 2022
 Response via : Initial Calibration

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

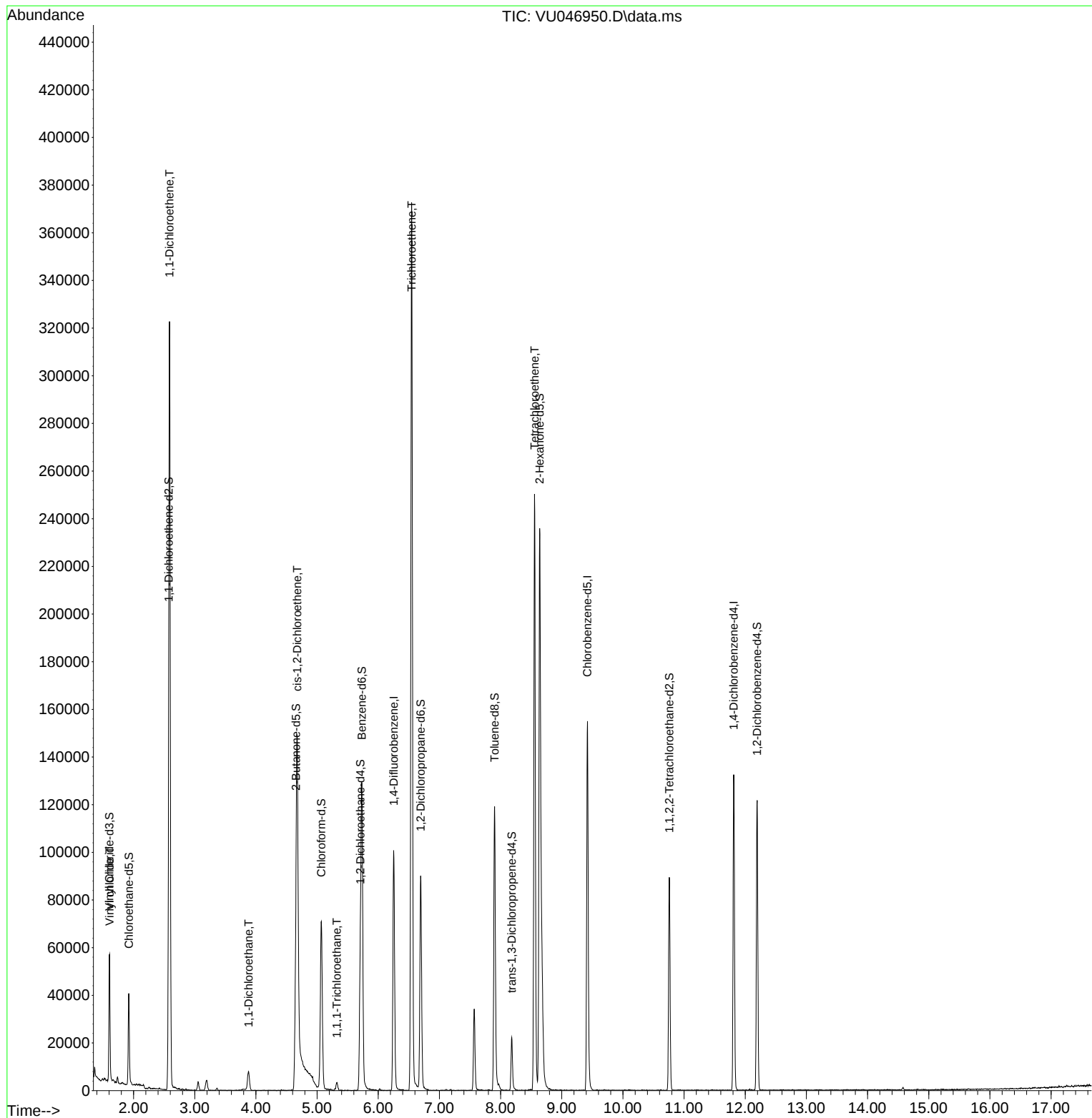
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	85007	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	92839	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	35867	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	28249	3.922	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.400%
7) Chloroethane-d5	1.922	69	29262	5.156	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.200%
11) 1,1-Dichloroethene-d2	2.575	65	12103	4.224	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.400%
20) 2-Butanone-d5	4.658	46	115046	53.913	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.820%
24) Chloroform-d	5.070	84	67490	5.337	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.800%
26) 1,2-Dichloroethane-d4	5.707	65	40610	5.897	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	118.000%
32) Benzene-d6	5.732	84	122138	4.476	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.600%
36) 1,2-Dichloropropane-d6	6.694	67	43640	5.327	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.600%
41) Toluene-d8	7.903	98	88471	3.542	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.800%
43) trans-1,3-Dichloroprop...	8.182	79	14207	3.949	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.000%
46) 2-Hexanone-d5	8.639	63	115152	54.054	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.100%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	46802	5.690	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	113.800%
66) 1,2-Dichlorobenzene-d4	12.195	152	32313	4.804	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.000%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.610	62	11979	1.747	ug/L	97
12) 1,1-Dichloroethene	2.588	96	101484	21.381	ug/L #	67
19) 1,1-Dichloroethane	3.880	63	9373	1.086	ug/L	93
22) cis-1,2-Dichloroethene	4.674	96	63611	11.729	ug/L	97
29) 1,1,1-Trichloroethane	5.324	97	2598	0.311	ug/L	96
34) Trichloroethene	6.546	95	132019	23.263	ug/L	98
47) Tetrachloroethene	8.555	164	56225	12.182	ug/L	95

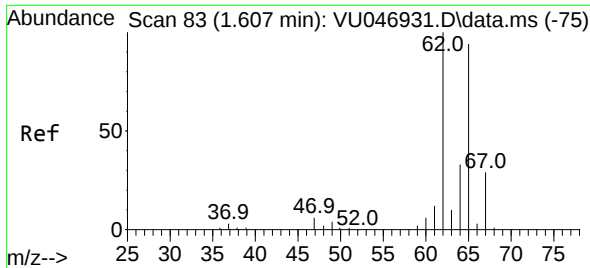
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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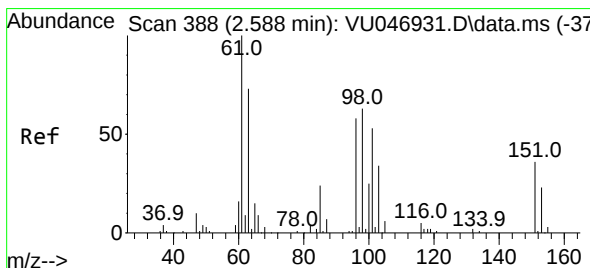
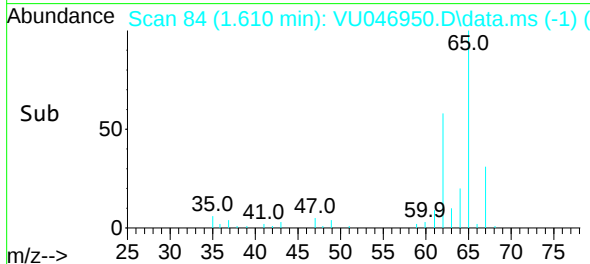
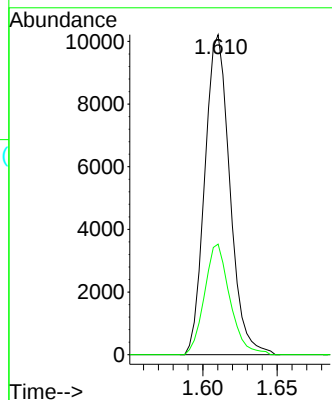
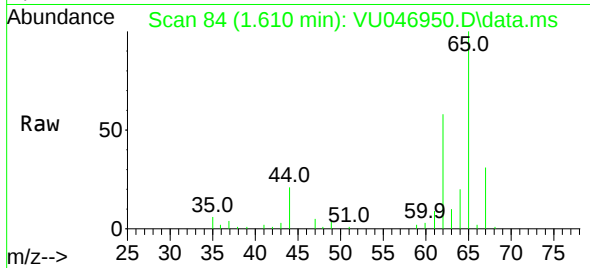




#5
 Vinyl chloride
 Concen: 1.747 ug/L
 RT: 1.610 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VU046950.D
 Acq: 01 Feb 2022 04:51

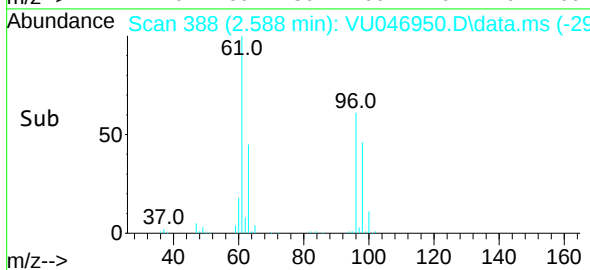
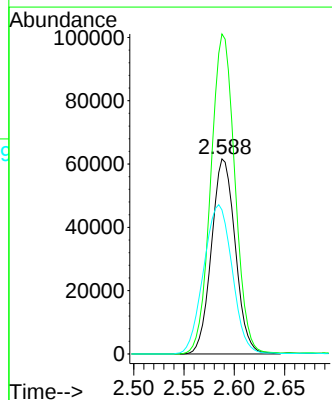
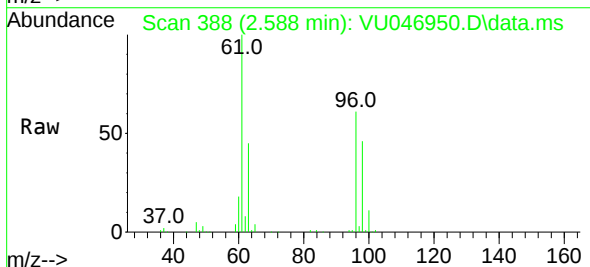
Instrument :
 MSVOA_U
 ClientSampleId :
 COHL9

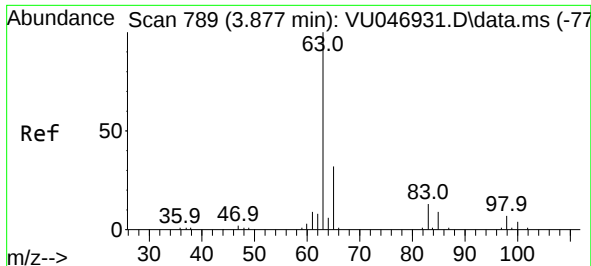
Tgt Ion: 62 Resp: 11979
 Ion Ratio Lower Upper
 62 100
 64 34.6 22.9 42.5



#12
 1,1-Dichloroethene
 Concen: 21.381 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. -0.000 min
 Lab File: VU046950.D
 Acq: 01 Feb 2022 04:51

Tgt Ion: 96 Resp: 101484
 Ion Ratio Lower Upper
 96 100
 61 164.0 124.7 231.5
 63 73.9 105.2 195.4#





#19

1,1-Dichloroethane

Concen: 1.086 ug/L

RT: 3.880 min Scan# 79

Delta R.T. 0.003 min

Lab File: VU046950.D

Acq: 01 Feb 2022 04:51

Instrument :

MSVOA_U

ClientSampleId :

COHL9

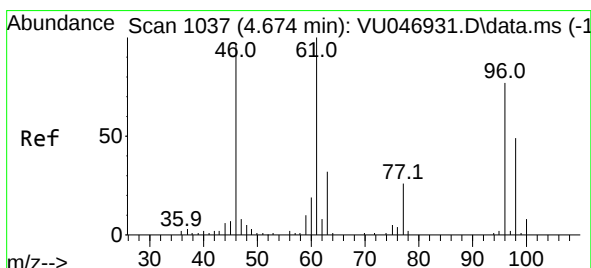
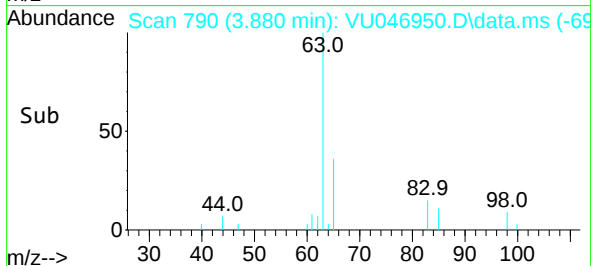
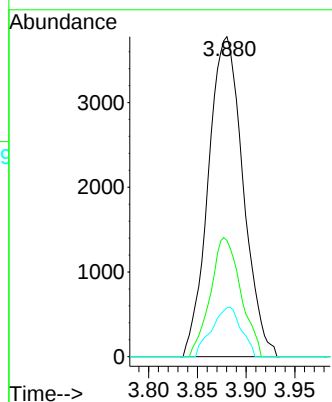
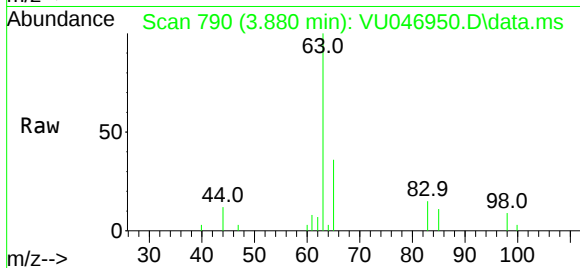
Tgt Ion: 63 Resp: 9373

Ion Ratio Lower Upper

63 100

65 36.3 22.3 41.5

83 15.3 9.6 17.8



#22

cis-1,2-Dichloroethene

Concen: 11.729 ug/L

RT: 4.674 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VU046950.D

Acq: 01 Feb 2022 04:51

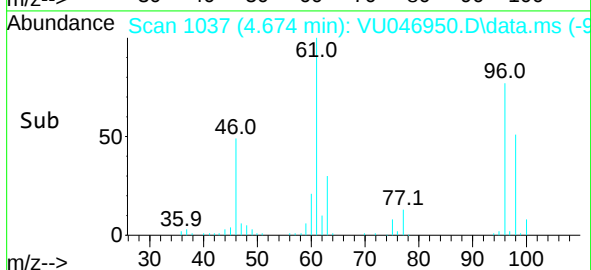
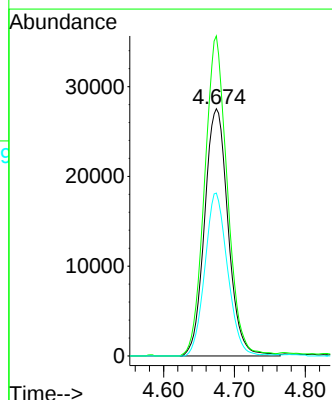
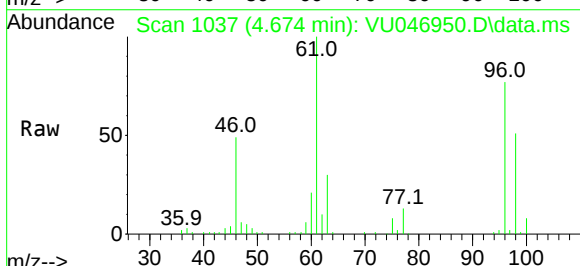
Tgt Ion: 96 Resp: 63611

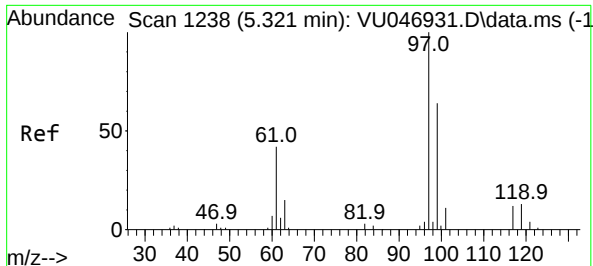
Ion Ratio Lower Upper

96 100

61 129.5 88.5 164.3

98 65.9 44.4 82.5





#29

1,1,1-Trichloroethane

Concen: 0.311 ug/L

RT: 5.324 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU046950.D

Acq: 01 Feb 2022 04:51

Instrument :

MSVOA_U

ClientSampleId :

COHL9

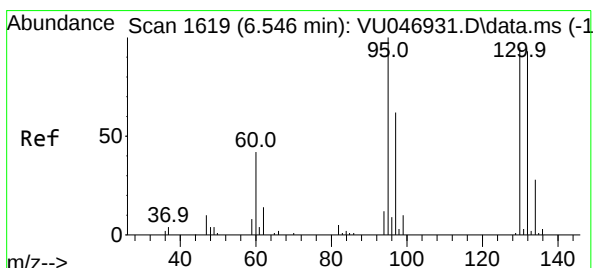
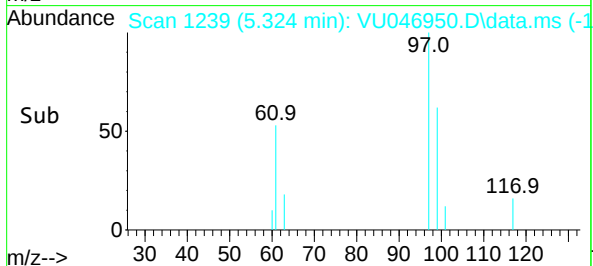
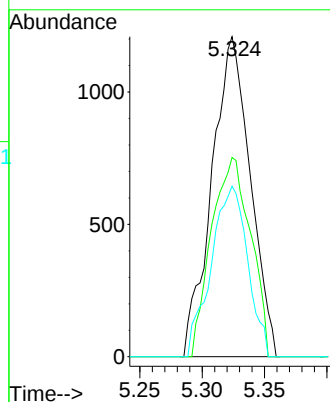
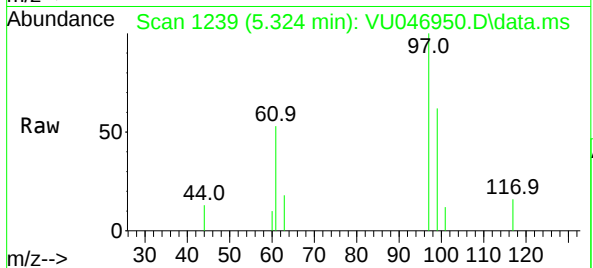
Tgt Ion: 97 Resp: 2598

Ion Ratio Lower Upper

97 100

99 63.3 51.3 76.9

61 50.4 36.1 54.1



#34

Trichloroethene

Concen: 23.263 ug/L

RT: 6.546 min Scan# 1619

Delta R.T. -0.000 min

Lab File: VU046950.D

Acq: 01 Feb 2022 04:51

Tgt Ion: 95 Resp: 132019

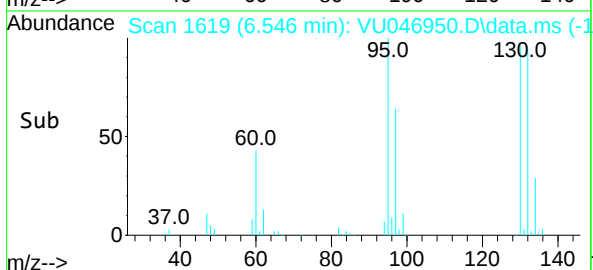
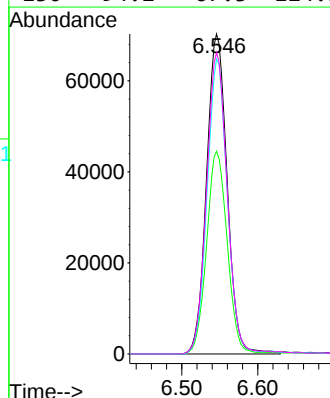
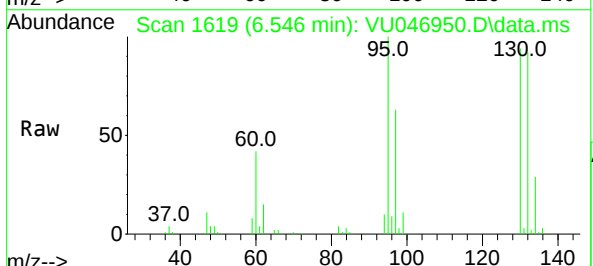
Ion Ratio Lower Upper

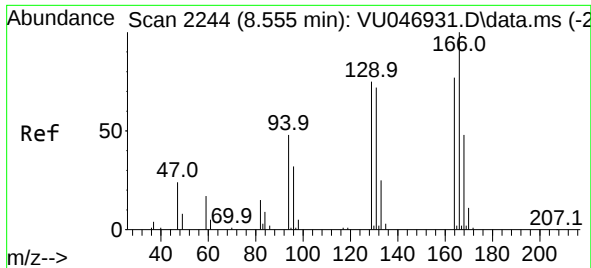
95 100

97 63.3 46.5 86.5

132 92.2 65.1 120.9

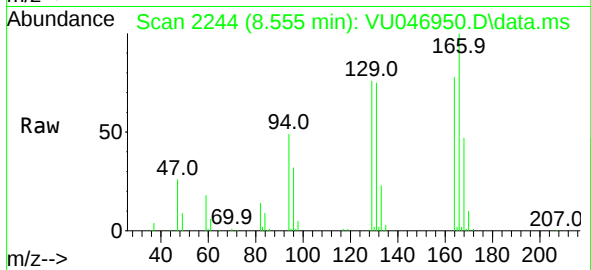
130 94.2 67.3 124.9





#47
 Tetrachloroethene
 Concen: 12.182 ug/L
 RT: 8.555 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VU046950.D
 Acq: 01 Feb 2022 04:51

Instrument :
 MSVOA_U
 ClientSampleId :
 C0HL9



Tgt Ion:	164	Resp:	56225
Ion	Ratio	Lower	Upper
164	100		
129	97.2	71.8	133.4
131	95.0	68.5	127.3
166	127.5	94.1	174.8

