

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121521\
 Data File : VU046392.D
 Acq On : 15 Dec 2021 13:14
 Operator : SY/MD
 Sample : M4983-22DL 5X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW5S3DL

Quant Time: Dec 16 03:09:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Dec 16 02:25:11 2021
 Response via : Initial Calibration

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

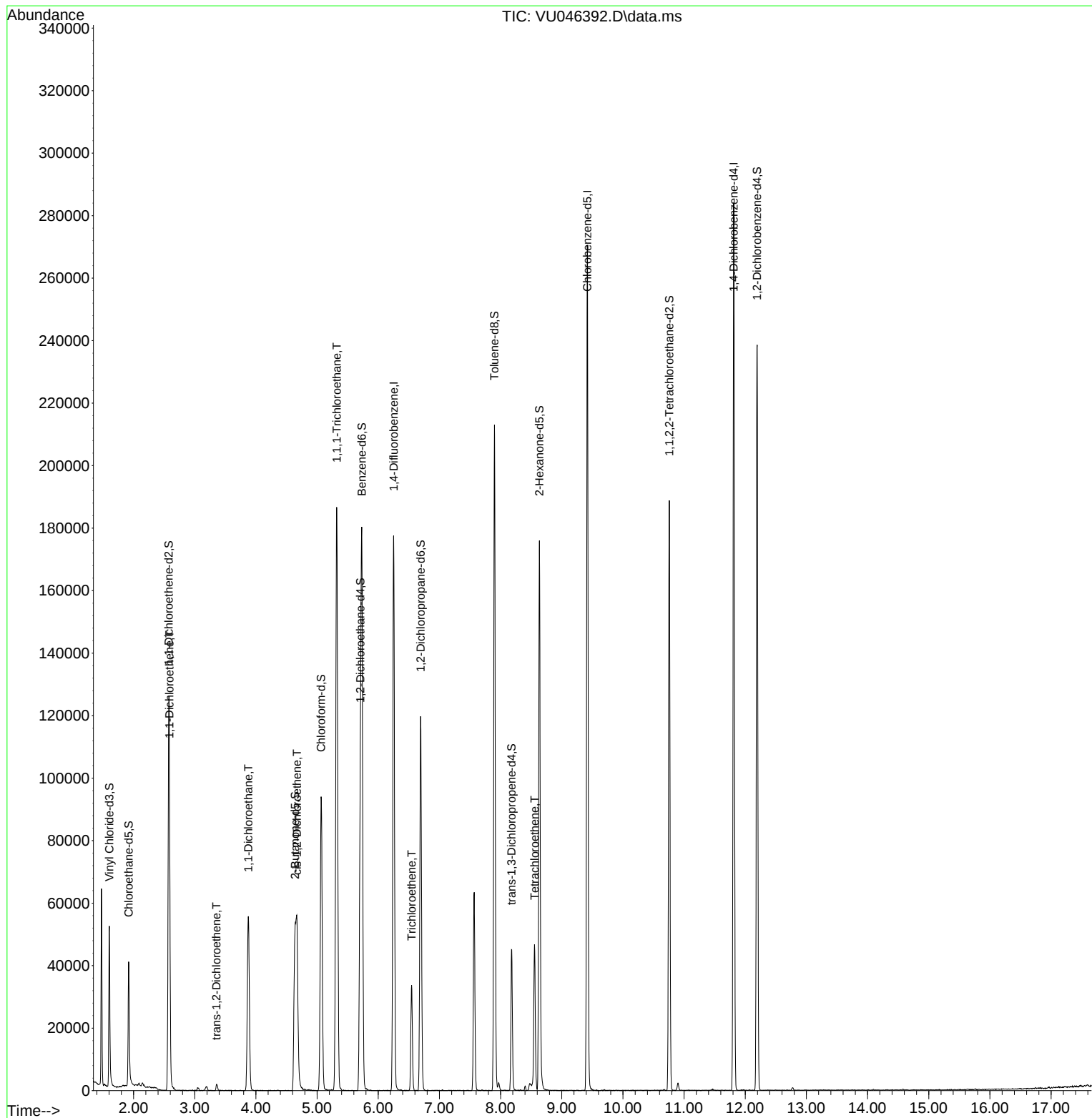
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	145472	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	149122	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	73535	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	40122	33.482	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	66.960%
7) Chloroethane-d5	1.919	69	32318	35.126	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	70.260%
11) 1,1-Dichloroethene-d2	2.575	63	66568	30.944	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.880%
21) 2-Butanone-d5	4.642	46	88322	92.716	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.720%
24) Chloroform-d	5.067	84	89865	44.907	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.820%
26) 1,2-Dichloroethane-d4	5.707	65	60718	45.211	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.420%
32) Benzene-d6	5.732	84	167379	39.161	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.320%
36) 1,2-Dichloropropane-d6	6.694	67	55823	42.143	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.280%
41) Toluene-d8	7.899	98	139967	35.967	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	71.940%#
43) trans-1,3-Dichloroprop...	8.179	79	26316	41.155	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.300%
47) 2-Hexanone-d5	8.636	63	64320	102.412	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.410%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	91747	45.672	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.340%
66) 1,2-Dichlorobenzene-d4	12.195	152	60065	42.414	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.820%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.588	96	20244	20.126	ug/L	86
17) trans-1,2-Dichloroethene	3.356	96	963	0.905	ug/L	89
19) 1,1-Dichloroethane	3.877	63	65203	33.689	ug/L	100
20) cis-1,2-Dichloroethene	4.671	96	19413	16.808	ug/L	100
30) 1,1,1-Trichloroethane	5.321	97	138802	75.828	ug/L	100
34) Trichloroethene	6.546	95	11498	9.670	ug/L	99
46) Tetrachloroethene	8.555	164	10064	11.518	ug/L	97

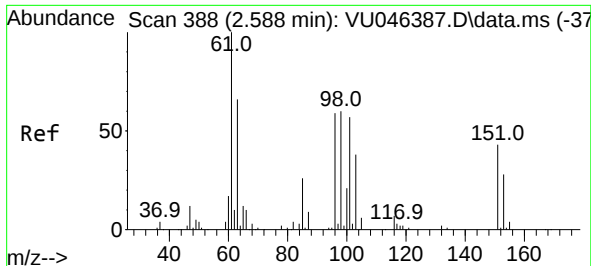
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Dec 16 02:25:11 2021
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#12

1,1-Dichloroethene

Concen: 20.126 ug/L

RT: 2.588 min Scan# 388

Delta R.T. -0.000 min

Lab File: VU046392.D

Acq: 15 Dec 2021 13:14

Instrument :

MSVOA_U

ClientSampleId :

EW5S3DL

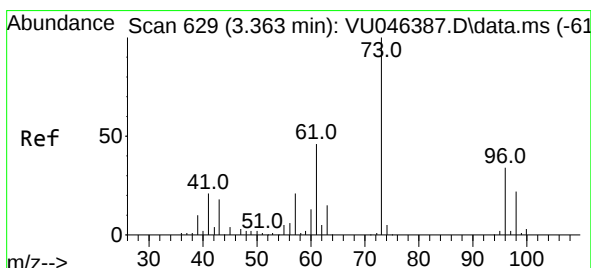
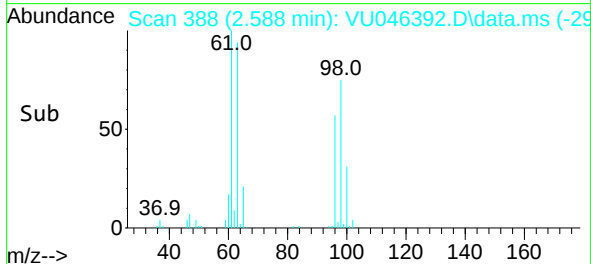
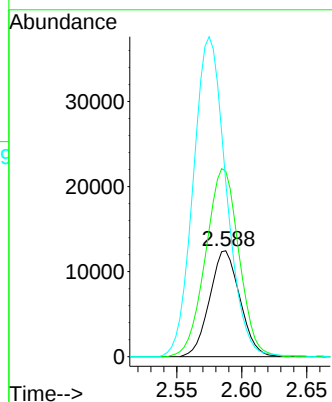
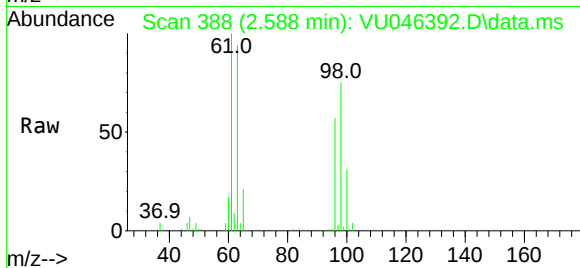
Tgt Ion: 96 Resp: 20244

Ion Ratio Lower Upper

96 100

61 175.1 118.6 220.2

63 164.3 93.0 172.8



#17

trans-1,2-Dichloroethene

Concen: 0.905 ug/L

RT: 3.356 min Scan# 627

Delta R.T. -0.006 min

Lab File: VU046392.D

Acq: 15 Dec 2021 13:14

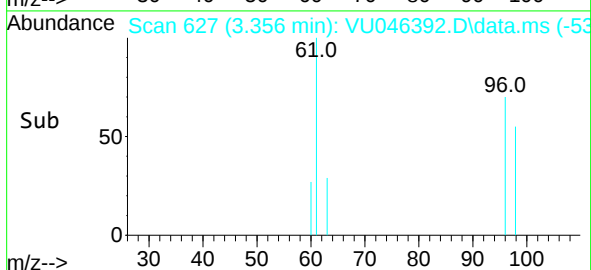
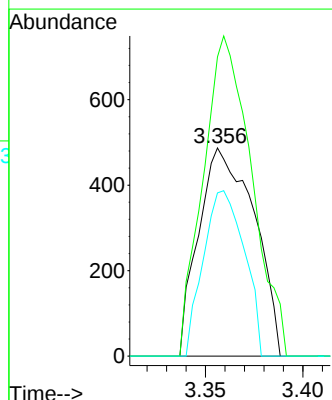
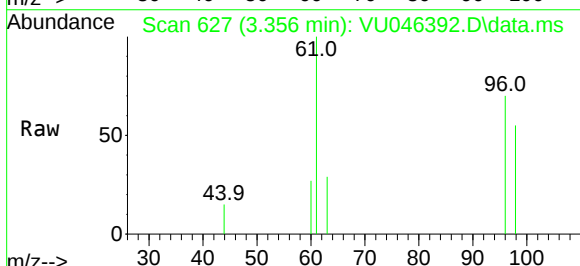
Tgt Ion: 96 Resp: 963

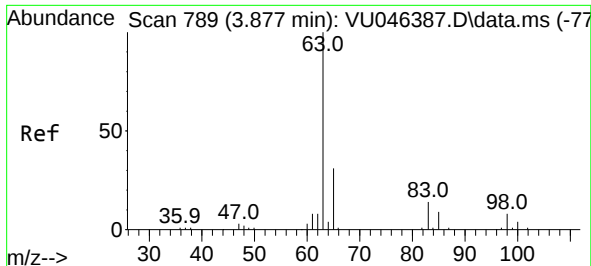
Ion Ratio Lower Upper

96 100

61 143.7 94.6 175.6

98 78.4 44.0 81.8





#19

1,1-Dichloroethane

Concen: 33.689 ug/L

RT: 3.877 min Scan# 789

Delta R.T. -0.000 min

Lab File: VU046392.D

Acq: 15 Dec 2021 13:14

Instrument :

MSVOA_U

ClientSampleId :

EW5S3DL

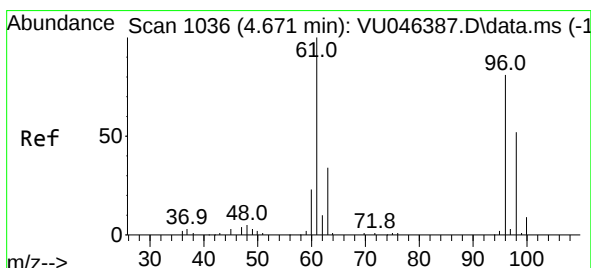
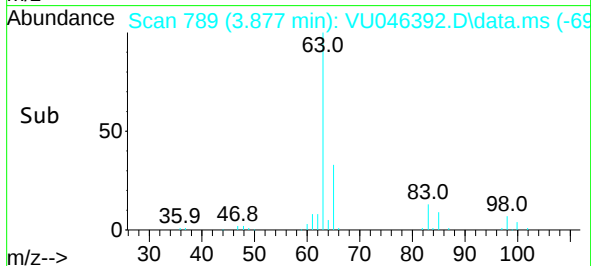
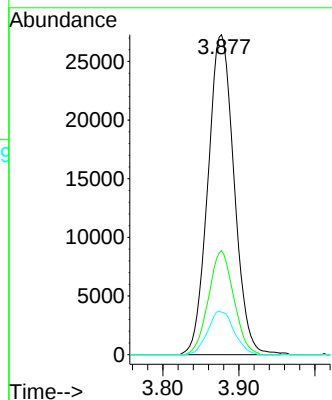
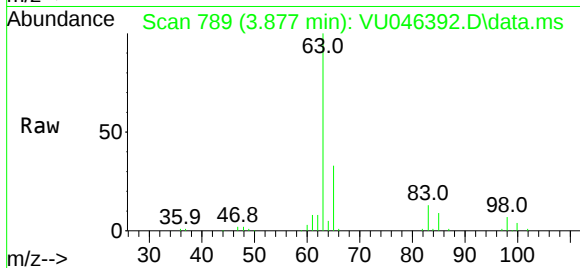
Tgt Ion: 63 Resp: 65203

Ion Ratio Lower Upper

63 100

65 32.5 22.8 42.4

83 13.3 9.6 17.8



#20

cis-1,2-Dichloroethene

Concen: 16.808 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VU046392.D

Acq: 15 Dec 2021 13:14

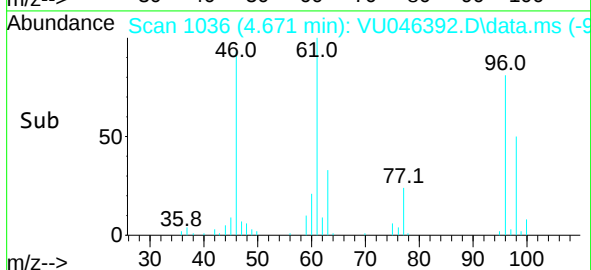
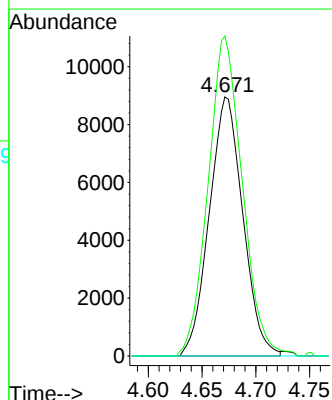
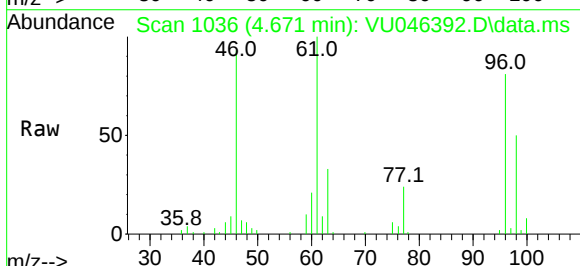
Tgt Ion: 96 Resp: 19413

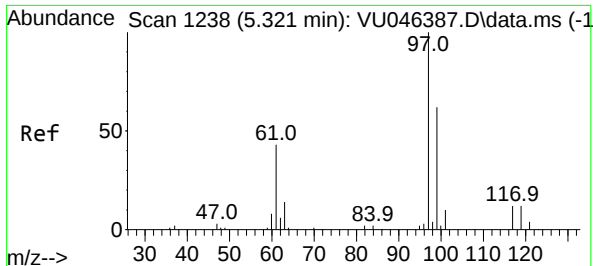
Ion Ratio Lower Upper

96 100

61 123.5 86.8 161.2

68 0.0 0.0 0.0





#30

1,1,1-Trichloroethane

Concen: 75.828 ug/L

RT: 5.321 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU046392.D

Acq: 15 Dec 2021 13:14

Instrument :

MSVOA_U

ClientSampleId :

EW5S3DL

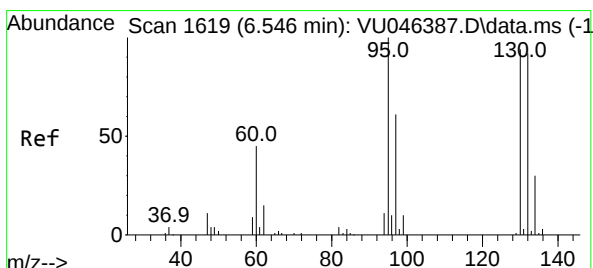
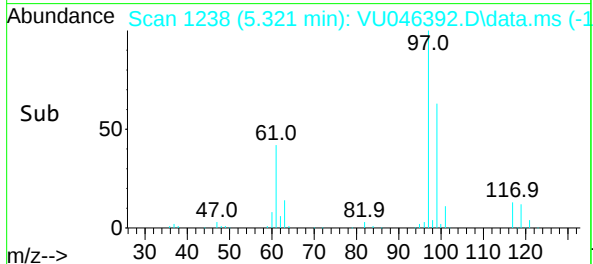
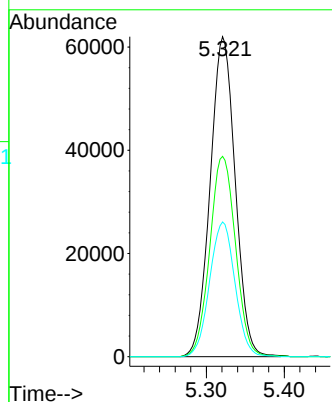
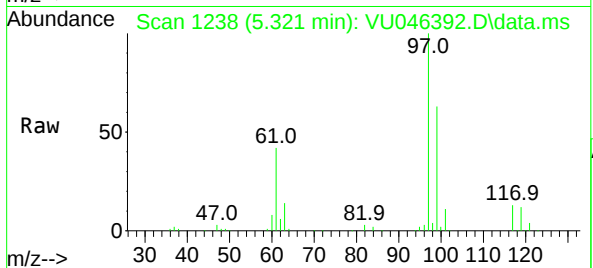
Tgt Ion: 97 Resp: 138802

Ion Ratio Lower Upper

97 100

99 64.5 51.8 77.6

61 42.6 34.4 51.6



#34

Trichloroethene

Concen: 9.670 ug/L

RT: 6.546 min Scan# 1619

Delta R.T. -0.000 min

Lab File: VU046392.D

Acq: 15 Dec 2021 13:14

Tgt Ion: 95 Resp: 11498

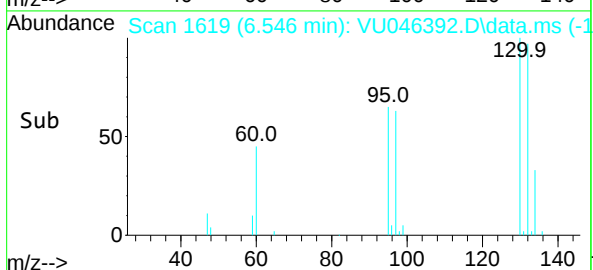
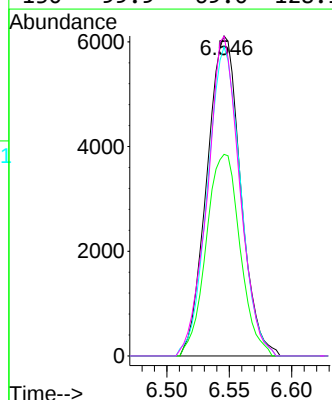
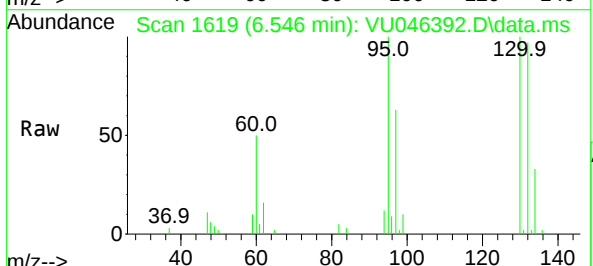
Ion Ratio Lower Upper

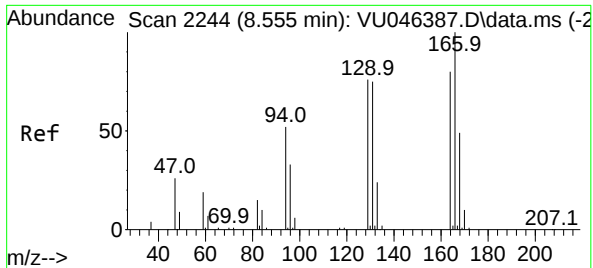
95 100

97 63.0 44.1 81.9

132 96.6 66.8 124.0

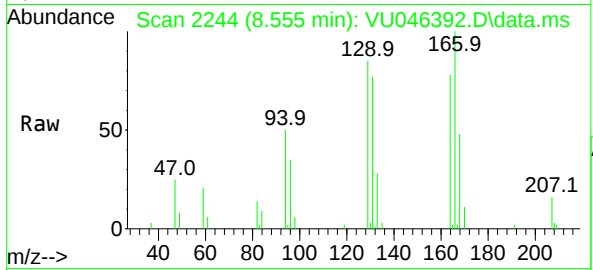
130 99.9 69.0 128.1





#46
Tetrachloroethene
Concen: 11.518 ug/L
RT: 8.555 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU046392.D
Acq: 15 Dec 2021 13:14

Instrument :
MSVOA_U
ClientSampleId :
EW5S3DL



Tgt Ion:	164	Resp:	10064
Ion	Ratio	Lower	Upper
164	100		
129	108.4	71.1	132.1
131	97.8	67.8	126.0
166	127.6	90.6	168.2

