

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121321\
 Data File : VU046336.D
 Acq On : 13 Dec 2021 23:05
 Operator : SY/MD
 Sample : M4983-22DL 20X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW5S3DL

Quant Time: Dec 14 03:55:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 14 03:19:41 2021
 Response via : Initial Calibration

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

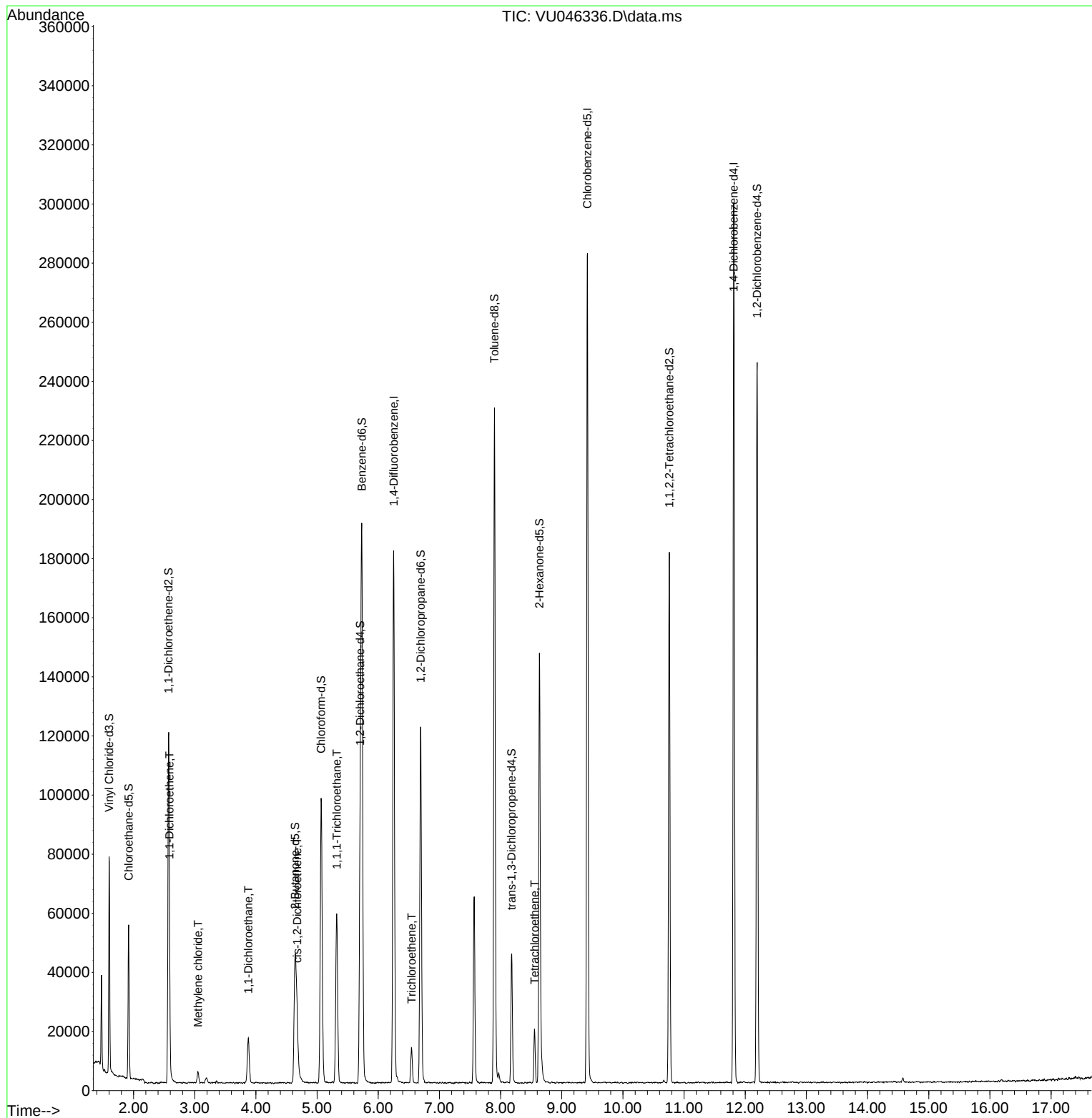
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	146351	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	157167	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	77525	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	51456	42.682	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.360%
7) Chloroethane-d5	1.919	69	37018	39.993	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.980%
11) 1,1-Dichloroethene-d2	2.572	63	69633	32.175	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.340%
21) 2-Butanone-d5	4.642	46	80045	83.522	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	83.520%
24) Chloroform-d	5.067	84	91366	45.383	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.760%
26) 1,2-Dichloroethane-d4	5.703	65	61493	45.513	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.020%
32) Benzene-d6	5.732	84	177418	39.385	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.780%
36) 1,2-Dichloropropane-d6	6.694	67	56526	40.489	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	80.980%
41) Toluene-d8	7.899	98	151523	36.943	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	73.880%#
43) trans-1,3-Dichloroprop...	8.179	79	26163	38.821	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.640%
47) 2-Hexanone-d5	8.636	63	52288	78.993	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	78.990%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	88841	41.961	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	83.920%
66) 1,2-Dichlorobenzene-d4	12.195	152	61729	41.346	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.700%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.588	96	6848	6.767	ug/L	# 1
16) Methylene chloride	3.054	84	2101	1.745	ug/L	89
19) 1,1-Dichloroethane	3.877	63	17584	9.031	ug/L	100
20) cis-1,2-Dichloroethene	4.674	96	5189	4.466	ug/L	95
30) 1,1,1-Trichloroethane	5.321	97	41389	21.454	ug/L	97
34) Trichloroethene	6.546	95	3866	3.085	ug/L	97
46) Tetrachloroethene	8.555	164	3856	4.187	ug/L	97

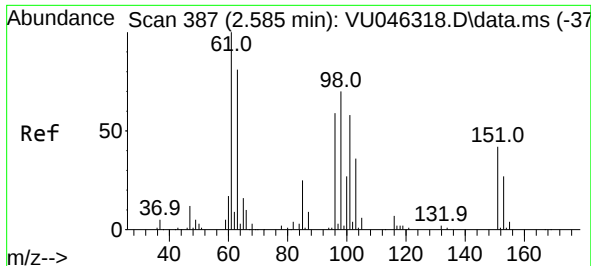
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121321\
Data File : VU046336.D
Acq On : 13 Dec 2021 23:05
Operator : SY/MD
Sample : M4983-22DL 20X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
EW5S3DL

Quant Time: Dec 14 03:55:45 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Dec 14 03:19:41 2021
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 6.767 ug/L

RT: 2.588 min Scan# 387

Delta R.T. 0.003 min

Lab File: VU046336.D

Acq: 13 Dec 2021 23:05

Instrument :

MSVOA_U

ClientSampleId :

EW5S3DL

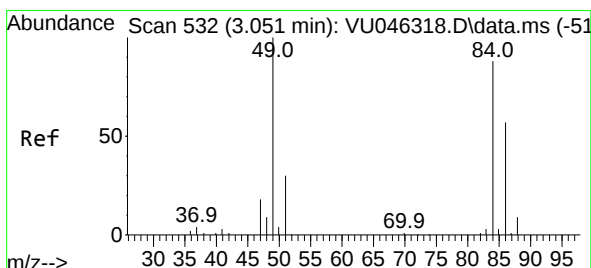
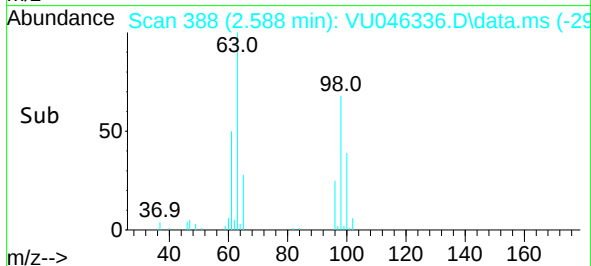
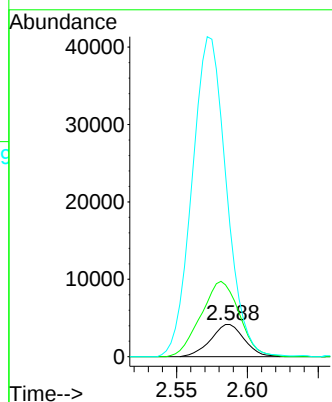
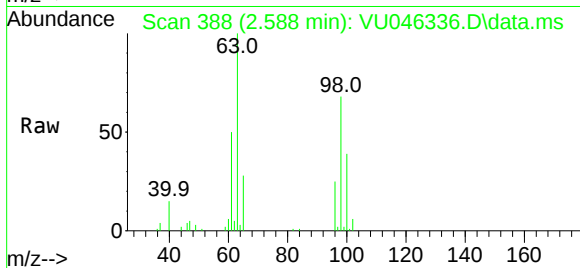
Tgt Ion: 96 Resp: 6848

Ion Ratio Lower Upper

96 100

61 201.9 118.6 220.2

63 407.3 93.0 172.8#



#16

Methylene chloride

Concen: 1.745 ug/L

RT: 3.054 min Scan# 533

Delta R.T. 0.003 min

Lab File: VU046336.D

Acq: 13 Dec 2021 23:05

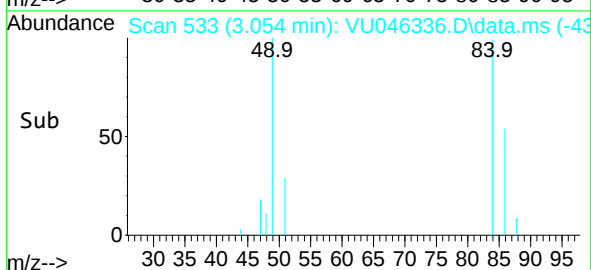
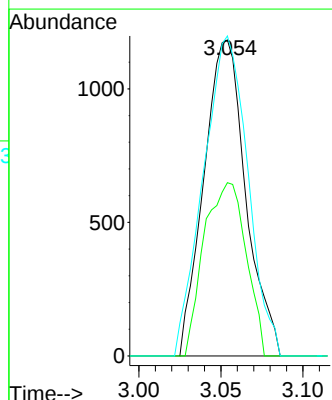
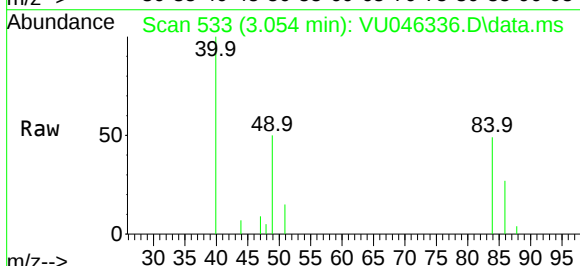
Tgt Ion: 84 Resp: 2101

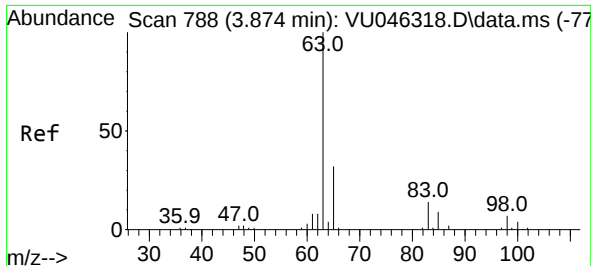
Ion Ratio Lower Upper

84 100

86 54.9 44.7 83.1

49 101.3 78.4 145.6





#19

1,1-Dichloroethane

Concen: 9.031 ug/L

RT: 3.877 min Scan# 71

Delta R.T. 0.003 min

Lab File: VU046336.D

Acq: 13 Dec 2021 23:05

Instrument :

MSVOA_U

ClientSampleId :

EW5S3DL

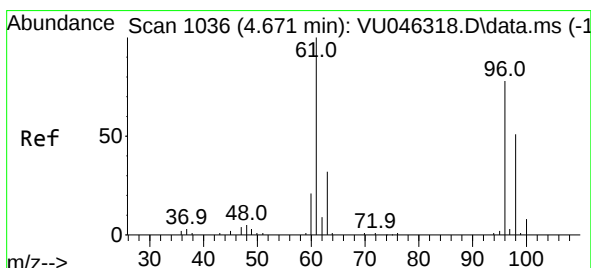
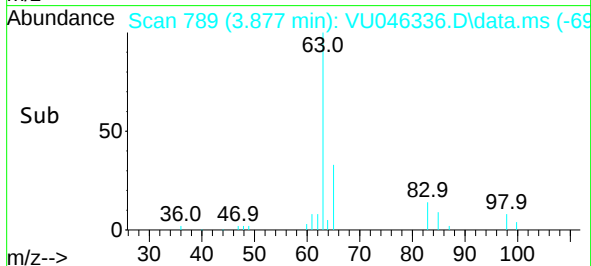
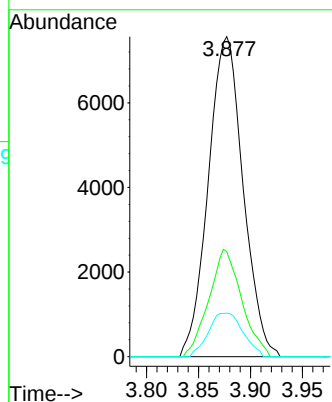
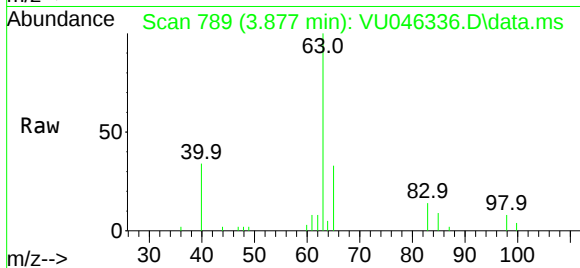
Tgt Ion: 63 Resp: 17584

Ion Ratio Lower Upper

63 100

65 32.8 22.8 42.4

83 13.6 9.6 17.8



#20

cis-1,2-Dichloroethene

Concen: 4.466 ug/L

RT: 4.674 min Scan# 1037

Delta R.T. 0.003 min

Lab File: VU046336.D

Acq: 13 Dec 2021 23:05

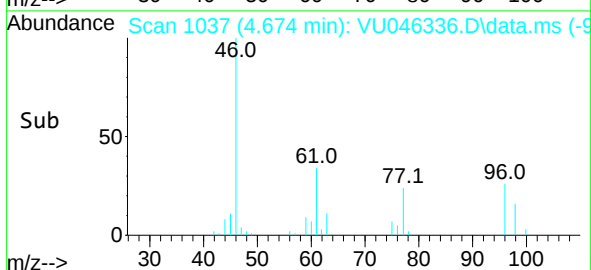
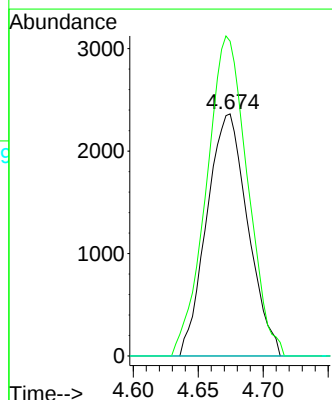
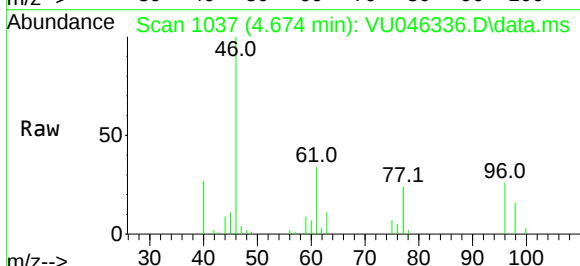
Tgt Ion: 96 Resp: 5189

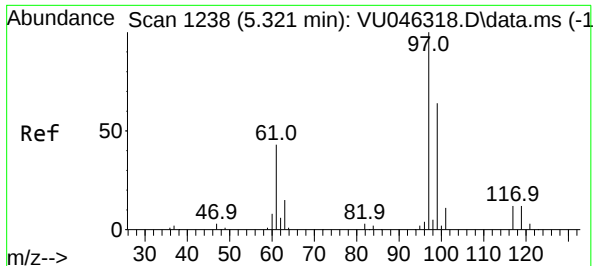
Ion Ratio Lower Upper

96 100

61 129.9 86.8 161.2

68 0.0 0.0 0.0





#30

1,1,1-Trichloroethane

Concen: 21.454 ug/L

RT: 5.321 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU046336.D

Acq: 13 Dec 2021 23:05

Instrument :

MSVOA_U

ClientSampleId :

EW5S3DL

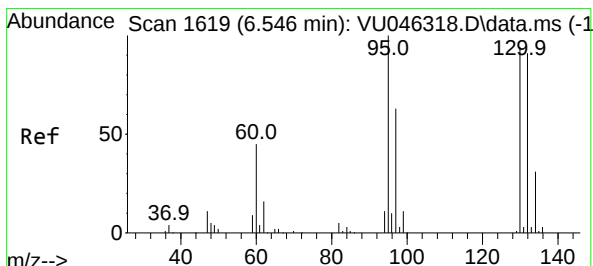
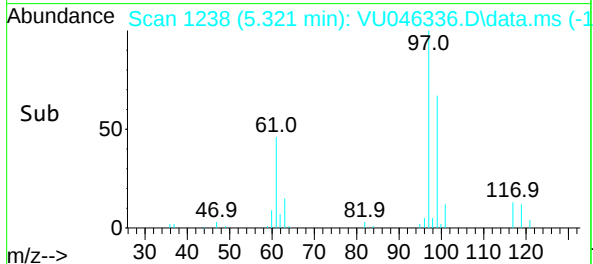
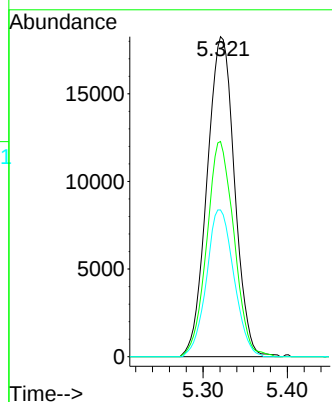
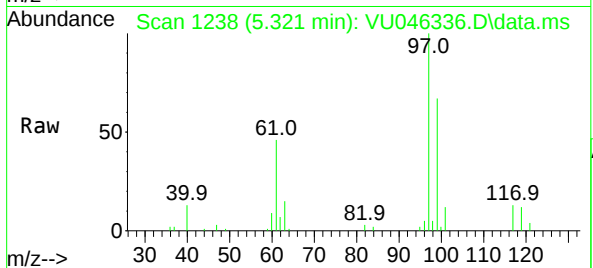
Tgt Ion: 97 Resp: 41389

Ion Ratio Lower Upper

97 100

99 66.7 51.8 77.6

61 45.8 34.4 51.6



#34

Trichloroethene

Concen: 3.085 ug/L

RT: 6.546 min Scan# 1619

Delta R.T. -0.000 min

Lab File: VU046336.D

Acq: 13 Dec 2021 23:05

Tgt Ion: 95 Resp: 3866

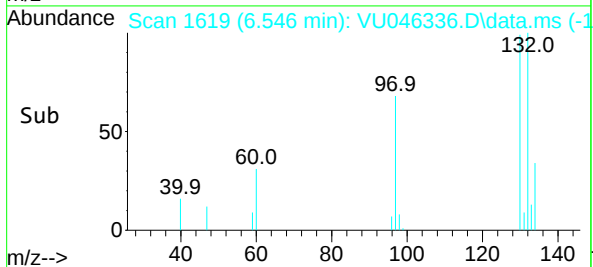
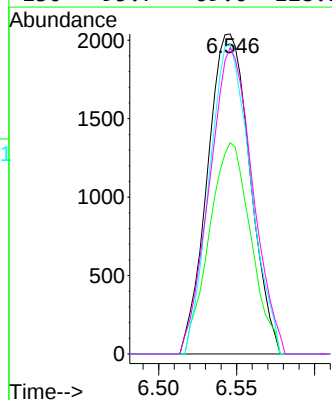
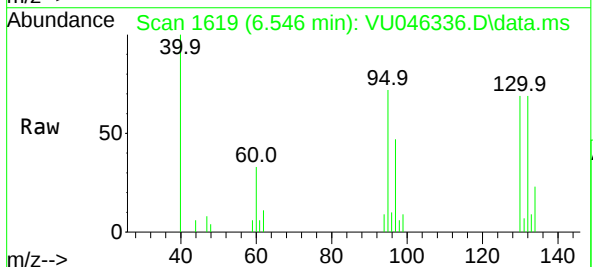
Ion Ratio Lower Upper

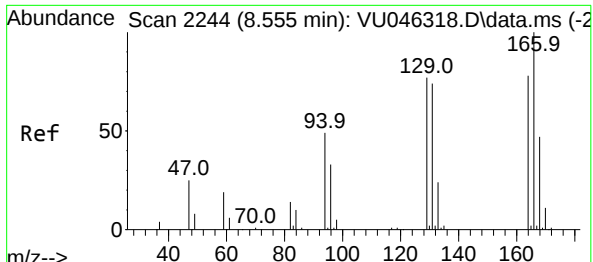
95 100

97 66.0 44.1 81.9

132 96.7 66.8 124.0

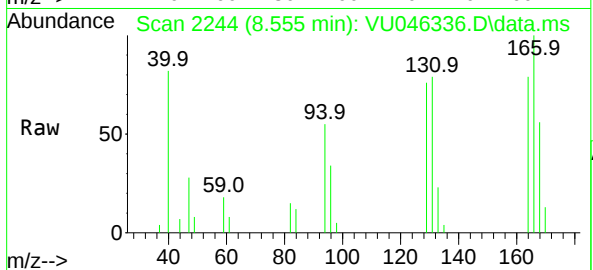
130 95.7 69.0 128.1





#46
 Tetrachloroethene
 Concen: 4.187 ug/L
 RT: 8.555 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VU046336.D
 Acq: 13 Dec 2021 23:05

Instrument :
 MSVOA_U
 ClientSampleId :
 EW5S3DL



Tgt Ion:	164	Resp:	3856
Ion	Ratio	Lower	Upper
164	100		
129	96.6	71.1	132.1
131	100.4	67.8	126.0
166	126.8	90.6	168.2

