

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042523\
 Data File : VU053889.D
 Acq On : 25 Apr 2023 17:14
 Operator : JC/MD
 Sample : 02392-16DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHE36DL

Quant Time: Apr 26 05:13:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR042423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Apr 26 05:09:52 2023
 Response via : Initial Calibration

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

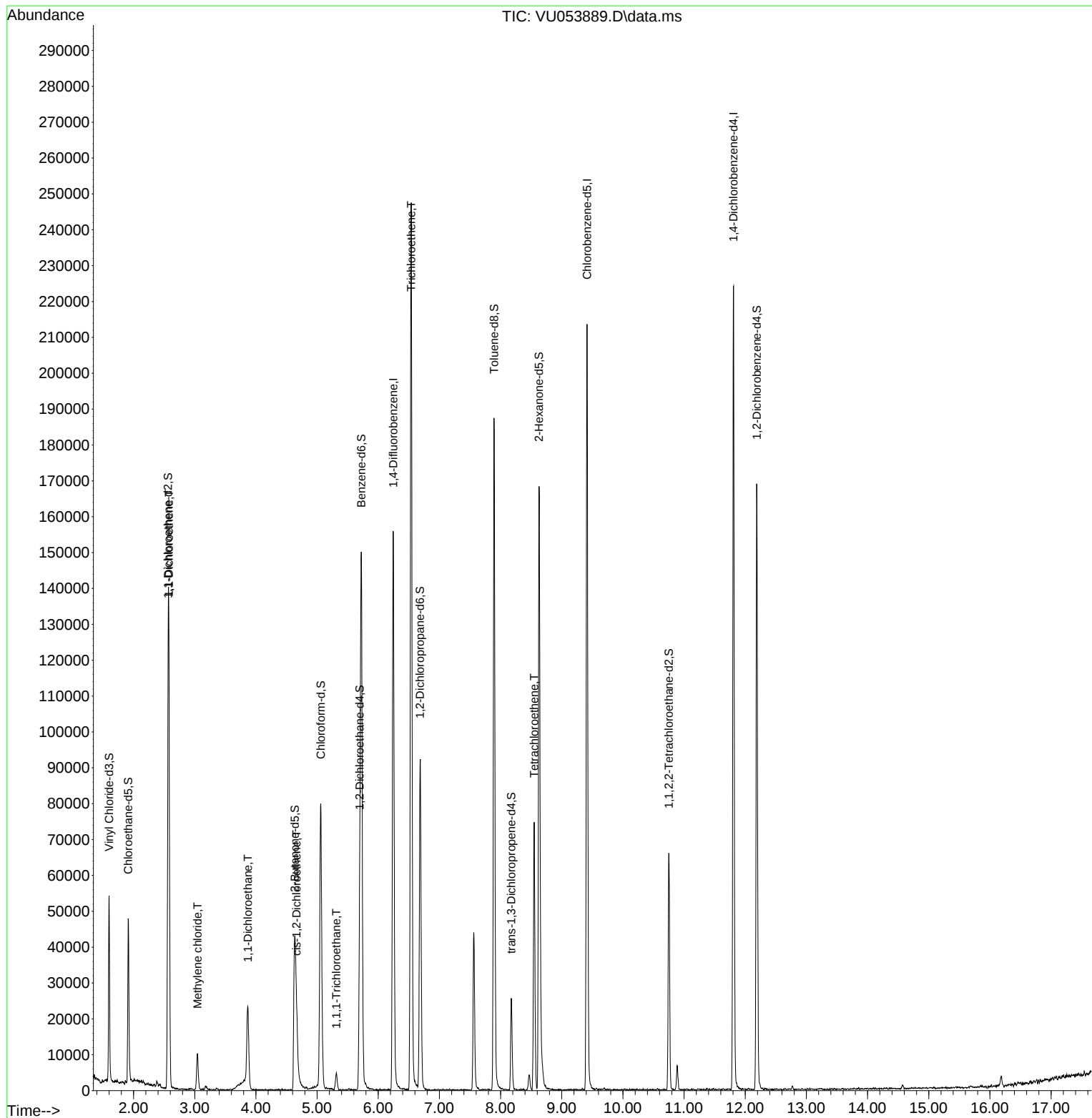
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	136382	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	127947	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	62527	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	38127	4.590	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	91.800%	
7) Chloroethane-d5	1.912	69	33571	4.815	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	96.400%	
11) 1,1-Dichloroethene-d2	2.565	65	15800	4.622	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	92.400%	
20) 2-Butanone-d5	4.636	46	77899	51.200	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	102.400%	
24) Chloroform-d	5.060	84	73453	4.692	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.800%	
26) 1,2-Dichloroethane-d4	5.697	65	36203	5.004	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	100.000%	
32) Benzene-d6	5.723	84	149118	4.947	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	99.000%	
36) 1,2-Dichloropropane-d6	6.684	67	47105	5.166	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	103.400%	
41) Toluene-d8	7.893	98	132398	4.707	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	94.200%	
43) trans-1,3-Dichloroprop...	8.176	79	15709	4.380	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	87.600%	
46) 2-Hexanone-d5	8.629	63	62832	49.508	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	99.020%	
56) 1,1,2,2-Tetrachloroeth...	10.751	84	33872	4.597	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	92.000%	
66) 1,2-Dichlorobenzene-d4	12.189	152	46645	4.651	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	93.000%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.578	96	27990	3.263	ug/L #	83
16) Methylene chloride	3.044	84	4978	0.425	ug/L	95
19) 1,1-Dichloroethane	3.867	63	26974	1.719	ug/L	98
22) cis-1,2-Dichloroethene	4.665	96	4918	0.503	ug/L	95
29) 1,1,1-Trichloroethane	5.314	97	3499	0.243	ug/L #	84
34) Trichloroethene	6.539	95	84173	8.565	ug/L	98
47) Tetrachloroethene	8.549	164	16571	2.127	ug/L	98

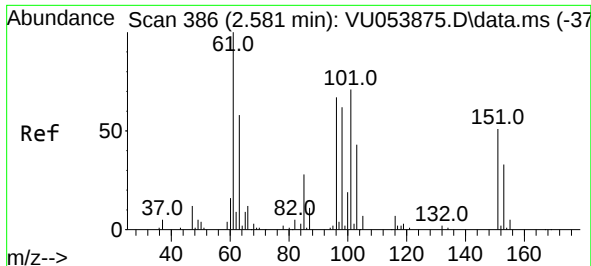
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042523\
Data File : VU053889.D
Acq On : 25 Apr 2023 17:14
Operator : JC/MD
Sample : 02392-16DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BHE36DL

Quant Time: Apr 26 05:13:54 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR042423WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Apr 26 05:09:52 2023
Response via : Initial Calibration

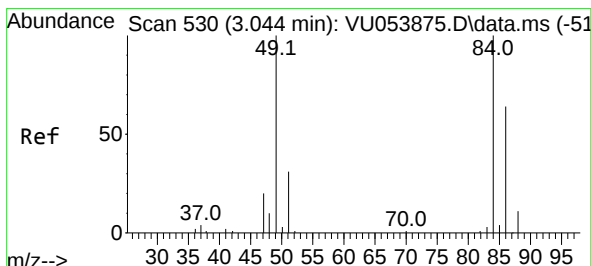
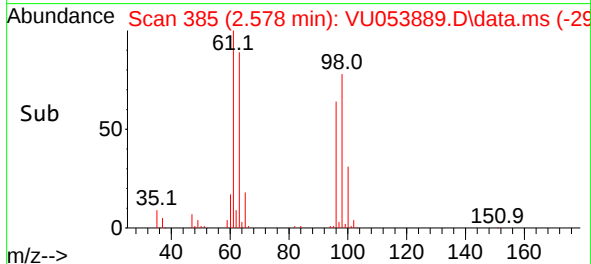
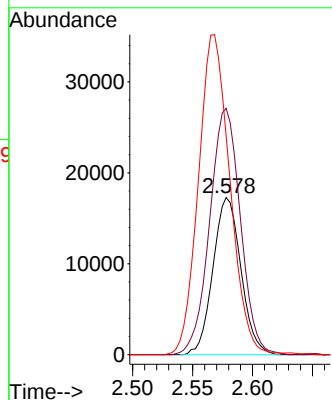
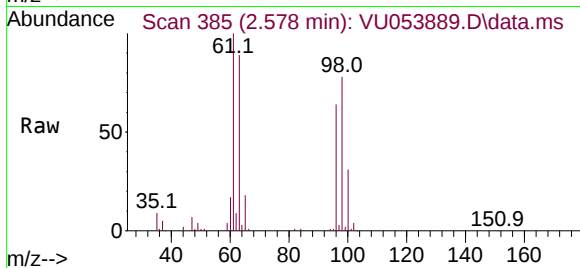




#12
1,1-Dichloroethene
Concen: 3.263 ug/L
RT: 2.578 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU053889.D
Acq: 25 Apr 2023 17:14

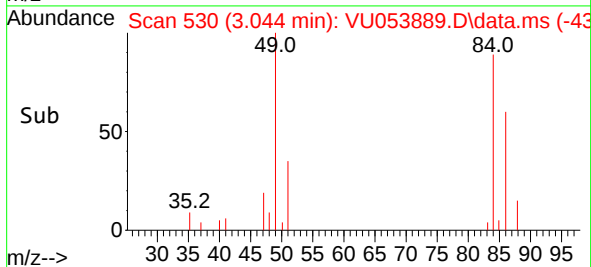
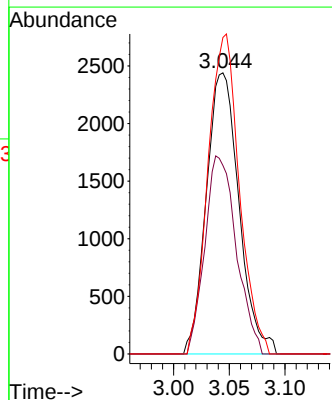
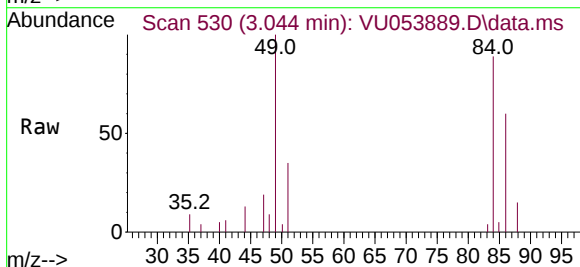
Instrument :
MSVOA_U
ClientSampleId :
BHE36DL

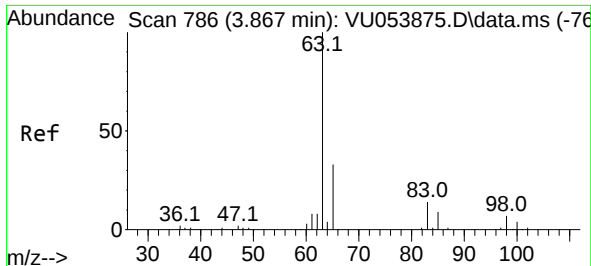
Tgt Ion: 96 Resp: 27990
Ion Ratio Lower Upper
96 100
61 156.7 111.5 207.1
63 139.3 68.7 127.7#



#16
Methylene chloride
Concen: 0.425 ug/L
RT: 3.044 min Scan# 530
Delta R.T. 0.000 min
Lab File: VU053889.D
Acq: 25 Apr 2023 17:14

Tgt Ion: 84 Resp: 4978
Ion Ratio Lower Upper
84 100
86 67.1 45.0 83.6
49 112.6 74.8 138.8





#19

1,1-Dichloroethane

Concen: 1.719 ug/L

RT: 3.867 min Scan# 71

Delta R.T. 0.000 min

Lab File: VU053889.D

Acq: 25 Apr 2023 17:14

Instrument :

MSVOA_U

ClientSampleId :

BHE36DL

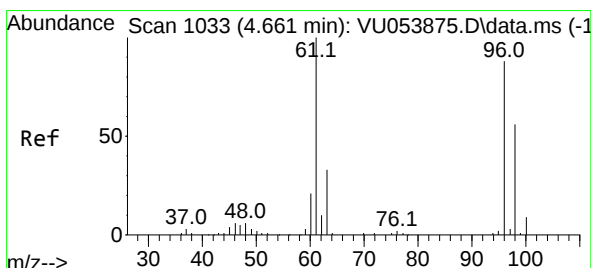
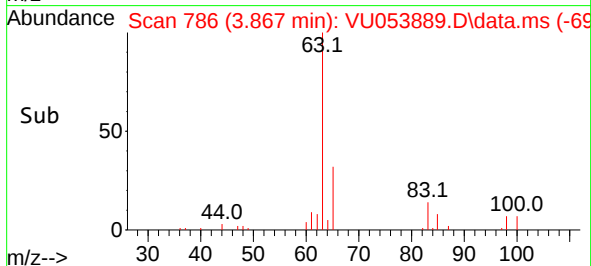
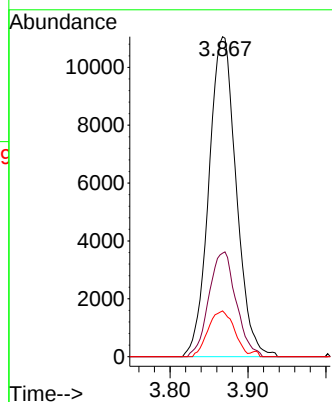
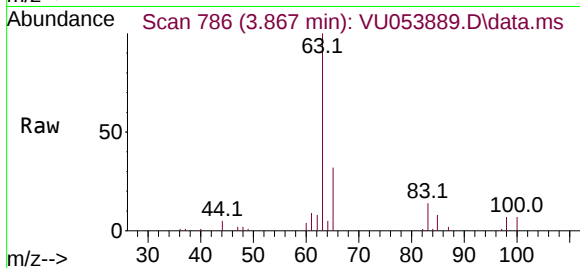
Tgt Ion: 63 Resp: 26974

Ion Ratio Lower Upper

63 100

65 32.4 22.0 40.8

83 14.3 10.3 19.1



#22

cis-1,2-Dichloroethene

Concen: 0.503 ug/L

RT: 4.665 min Scan# 1034

Delta R.T. 0.003 min

Lab File: VU053889.D

Acq: 25 Apr 2023 17:14

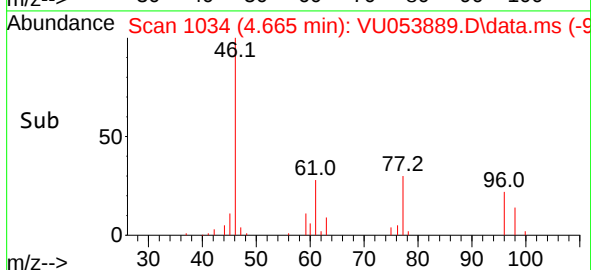
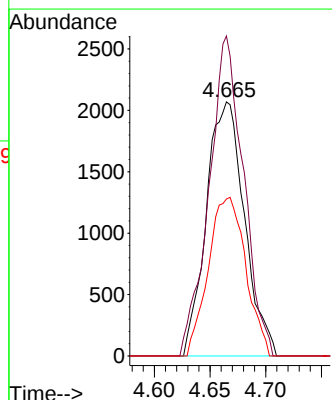
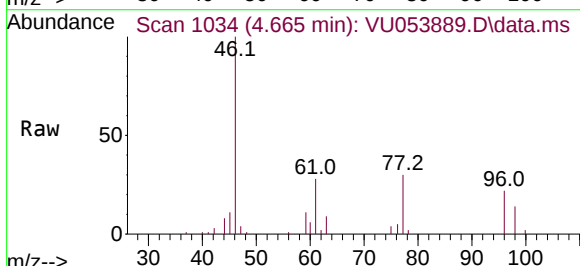
Tgt Ion: 96 Resp: 4918

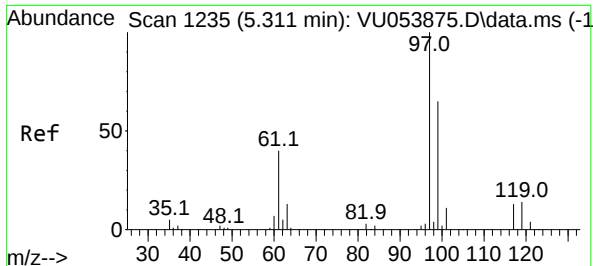
Ion Ratio Lower Upper

96 100

61 126.0 84.3 156.5

98 61.8 46.4 86.2





#29

1,1,1-Trichloroethane

Concen: 0.243 ug/L

RT: 5.314 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU053889.D

Acq: 25 Apr 2023 17:14

Instrument :

MSVOA_U

ClientSampleId :

BHE36DL

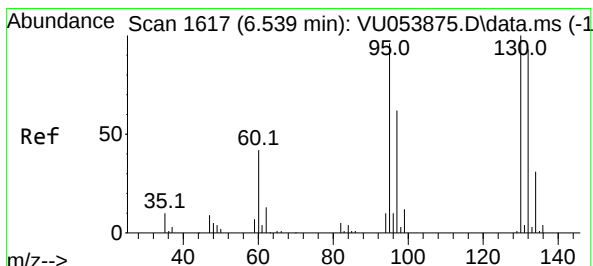
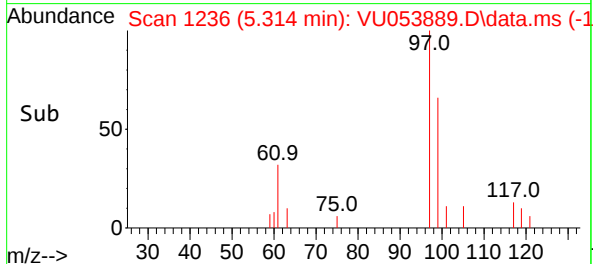
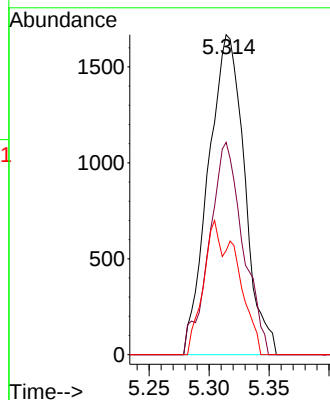
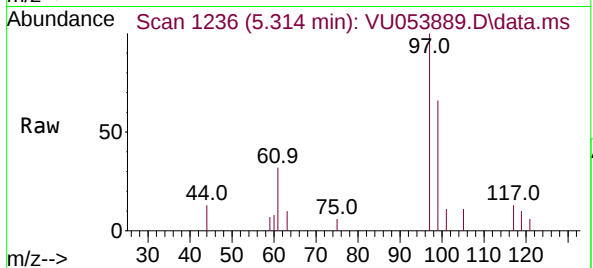
Tgt Ion: 97 Resp: 3499

Ion Ratio Lower Upper

97 100

99 62.0 52.9 79.3

61 21.3 33.8 50.8#



#34

Trichloroethene

Concen: 8.565 ug/L

RT: 6.539 min Scan# 1617

Delta R.T. 0.000 min

Lab File: VU053889.D

Acq: 25 Apr 2023 17:14

Tgt Ion: 95 Resp: 84173

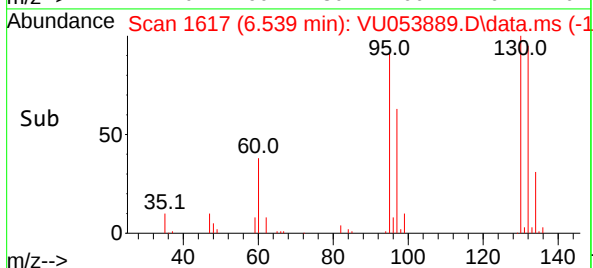
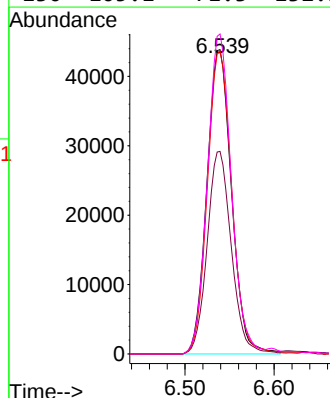
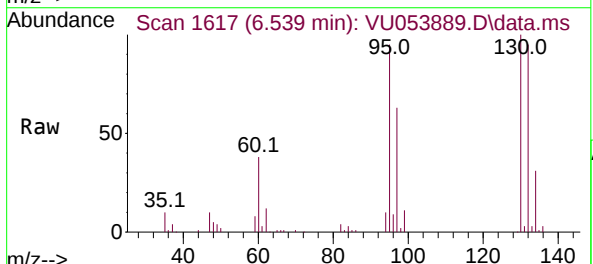
Ion Ratio Lower Upper

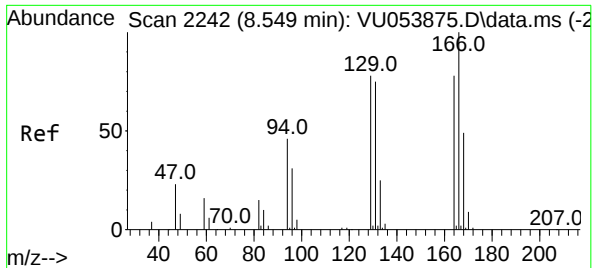
95 100

97 66.5 45.1 83.9

132 99.5 69.9 129.9

130 105.1 71.3 132.3





#47

Tetrachloroethene

Concen: 2.127 ug/L

RT: 8.549 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU053889.D

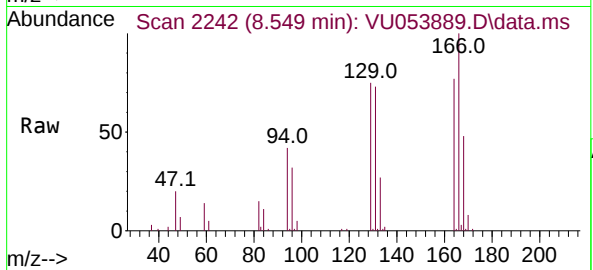
Acq: 25 Apr 2023 17:14

Instrument :

MSVOA_U

ClientSampleId :

BHE36DL



Tgt Ion:164 Resp: 16571

Ion Ratio Lower Upper

164 100

129 97.6 68.3 126.8

131 95.0 64.4 119.6

166 129.8 88.3 163.9

