

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041423\
 Data File : VU053722.D
 Acq On : 14 Apr 2023 18:41
 Operator : JC/MD
 Sample : 02340-06DL 20X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHE08DL

Quant Time: Apr 15 05:34:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Apr 15 05:28:57 2023
 Response via : Initial Calibration

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

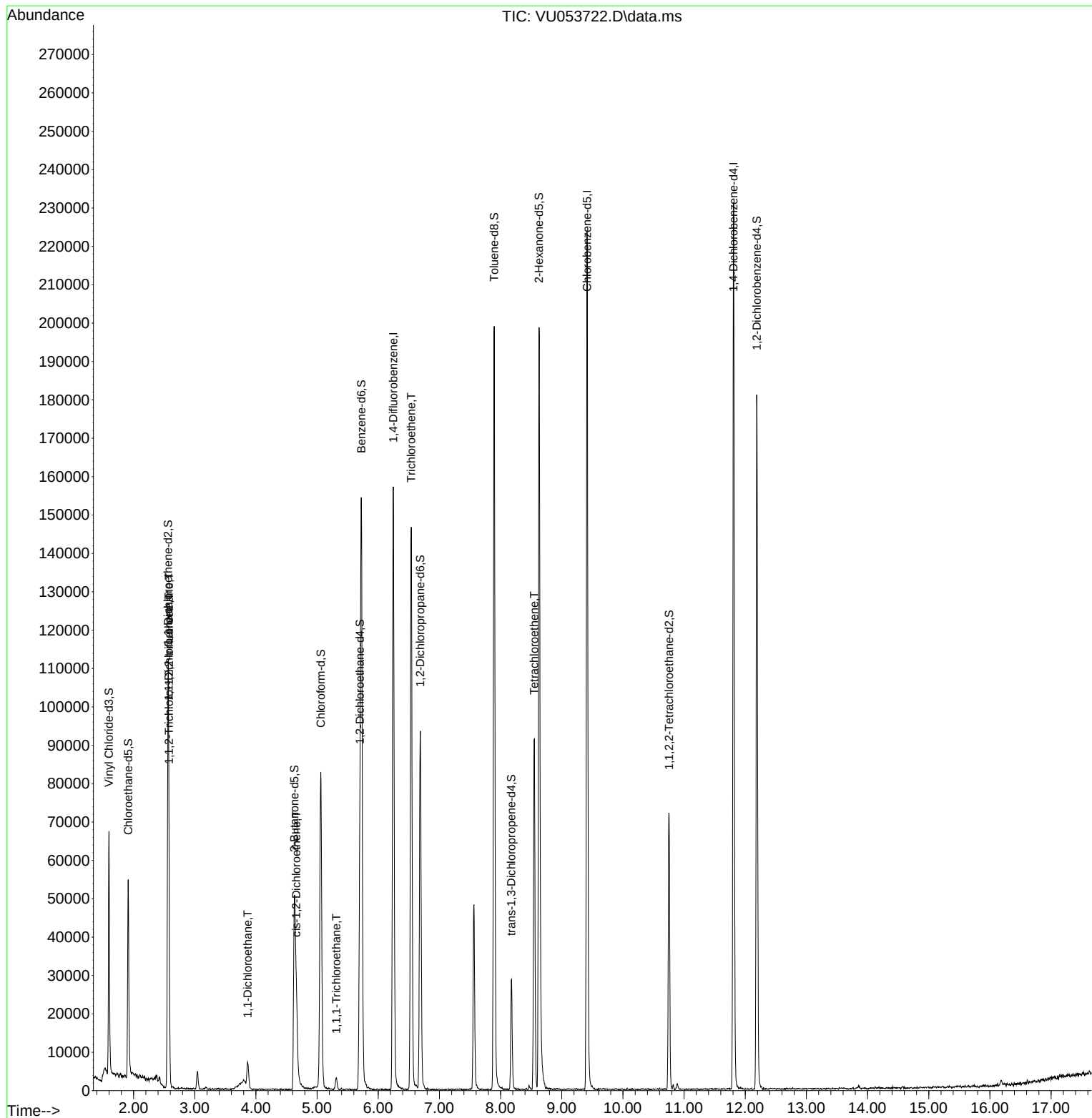
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	136179	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	127973	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	64050	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	47869	5.110	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	102.200%	
7) Chloroethane-d5	1.912	69	37740	4.439	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	88.800%	
11) 1,1-Dichloroethene-d2	2.562	65	17657	4.424	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	88.400%	
20) 2-Butanone-d5	4.629	46	82494	38.438	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	76.880%	
24) Chloroform-d	5.060	84	76082	4.381	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	87.600%	
26) 1,2-Dichloroethane-d4	5.700	65	38683	4.346	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	87.000%	
32) Benzene-d6	5.723	84	151642	4.181	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	83.600%	
36) 1,2-Dichloropropane-d6	6.687	67	47393	4.288	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	85.800%	
41) Toluene-d8	7.896	98	138161	4.038	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	80.800%	
43) trans-1,3-Dichloroprop...	8.176	79	17009	4.011	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	80.200%	
46) 2-Hexanone-d5	8.629	63	72382	42.020	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	84.040%	
56) 1,1,2,2-Tetrachloroeth...	10.755	84	36464	3.964	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	79.200%	
66) 1,2-Dichlorobenzene-d4	12.189	152	48748	4.230	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	84.600%	
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	3256	0.384	ug/L #	91
12) 1,1-Dichloroethene	2.575	96	9116	1.182	ug/L #	1
19) 1,1-Dichloroethane	3.864	63	8620	0.584	ug/L #	96
22) cis-1,2-Dichloroethene	4.662	96	6400	0.593	ug/L	87
29) 1,1,1-Trichloroethane	5.314	97	2496	0.198	ug/L	95
34) Trichloroethene	6.539	95	51053	5.591	ug/L	92
47) Tetrachloroethene	8.549	164	20100	2.996	ug/L	95

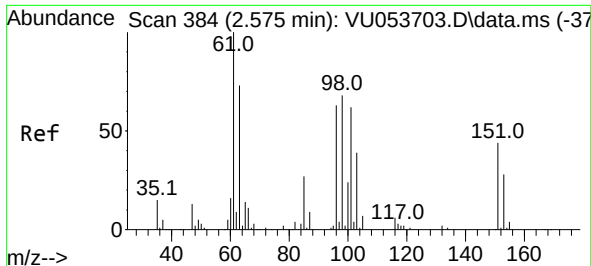
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.384 ug/L

RT: 2.578 min Scan# 385

Delta R.T. 0.003 min

Lab File: VU053722.D

Acq: 14 Apr 2023 18:41

Instrument :

MSVOA_U

ClientSampleId :

BHE08DL

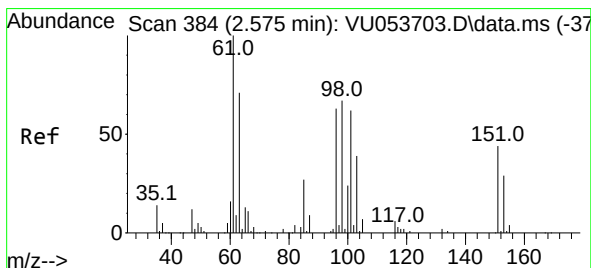
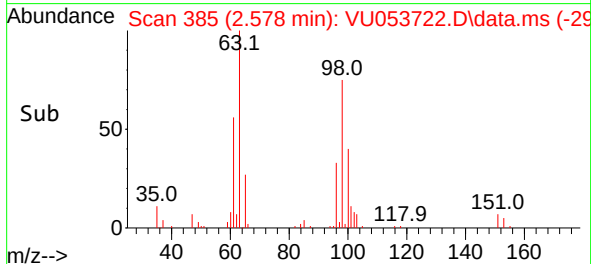
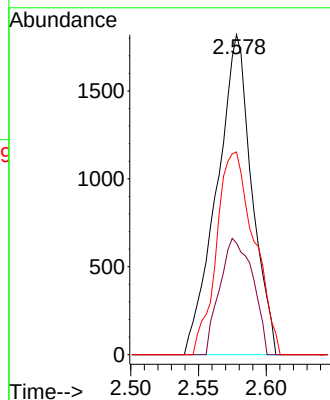
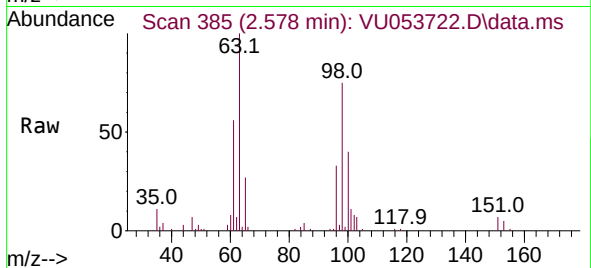
Tgt Ion:101 Resp: 3256

Ion Ratio Lower Upper

101 100

85 34.1 37.0 55.4#

151 68.5 56.8 85.2



#12

1,1-Dichloroethene

Concen: 1.182 ug/L

RT: 2.575 min Scan# 384

Delta R.T. 0.000 min

Lab File: VU053722.D

Acq: 14 Apr 2023 18:41

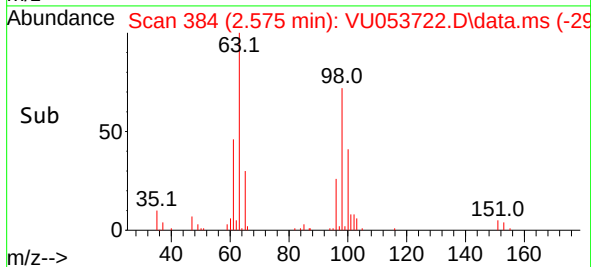
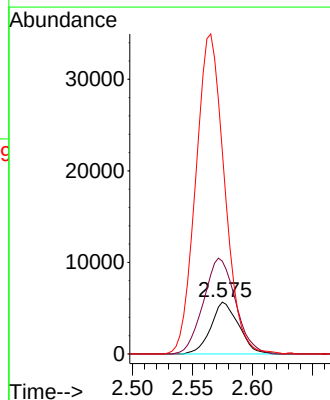
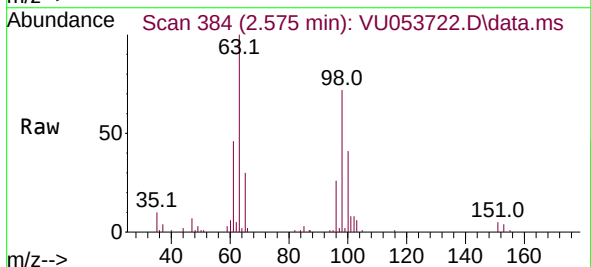
Tgt Ion: 96 Resp: 9116

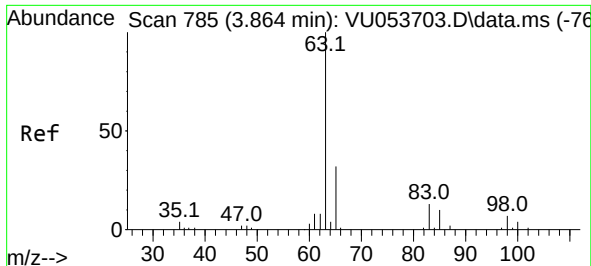
Ion Ratio Lower Upper

96 100

61 178.8 116.8 216.8

63 391.6 88.6 164.6#

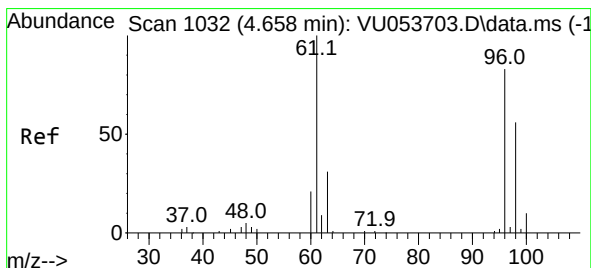
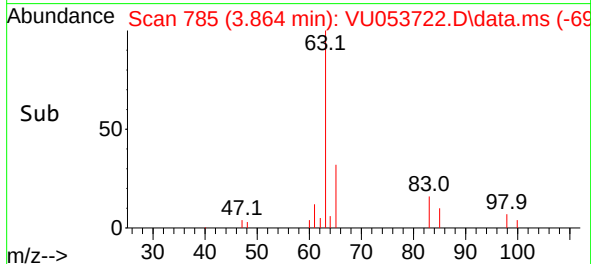
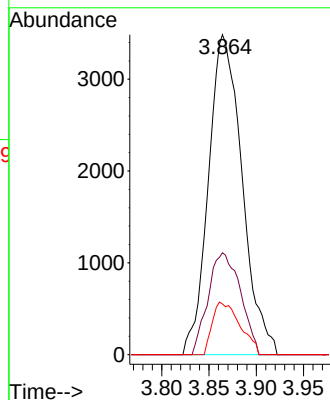
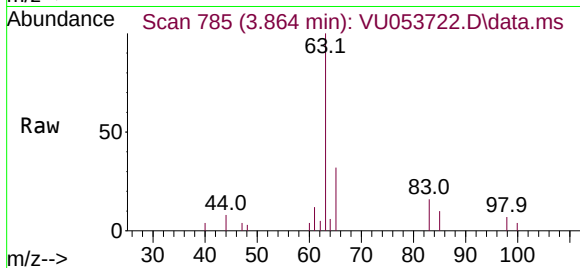




#19
1,1-Dichloroethane
Concen: 0.584 ug/L
RT: 3.864 min Scan# 719
Delta R.T. 0.000 min
Lab File: VU053722.D
Acq: 14 Apr 2023 18:41

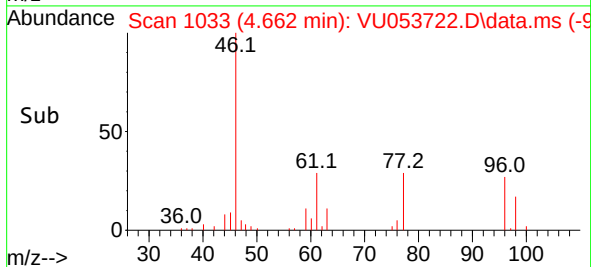
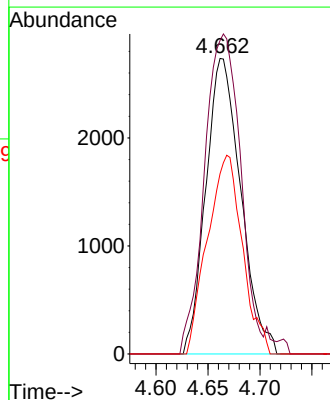
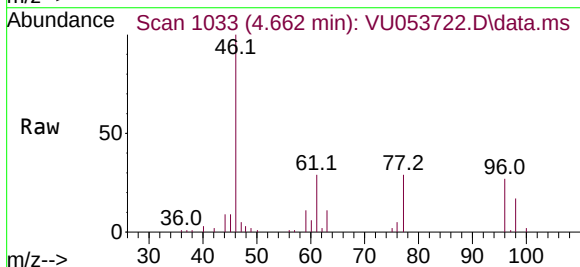
Instrument :
MSVOA_U
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BHE08DL

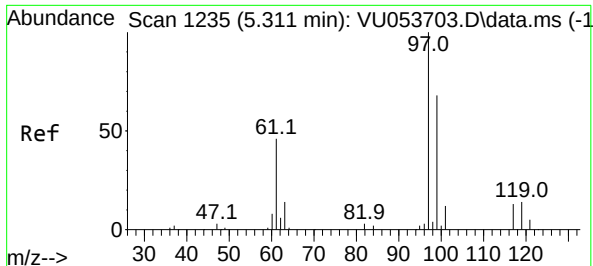
Tgt Ion: 63 Resp: 8620
Ion Ratio Lower Upper
63 100
65 31.9 21.7 40.3
83 15.8 8.1 15.1#



#22
cis-1,2-Dichloroethene
Concen: 0.593 ug/L
RT: 4.662 min Scan# 1033
Delta R.T. 0.003 min
Lab File: VU053722.D
Acq: 14 Apr 2023 18:41

Tgt Ion: 96 Resp: 6400
Ion Ratio Lower Upper
96 100
61 106.0 86.6 160.8
98 61.0 47.7 88.5





#29

1,1,1-Trichloroethane

Concen: 0.198 ug/L

RT: 5.314 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU053722.D

Acq: 14 Apr 2023 18:41

Instrument :

MSVOA_U

ClientSampleId :

BHE08DL

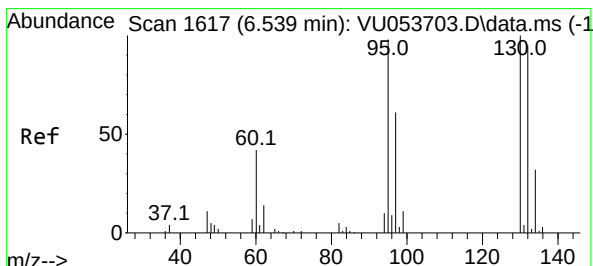
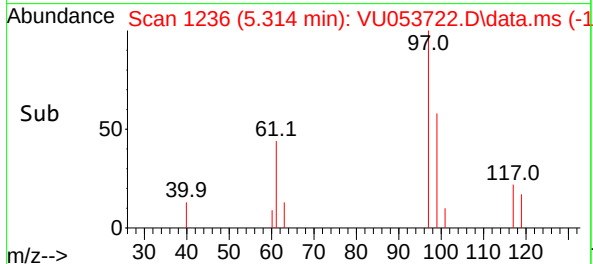
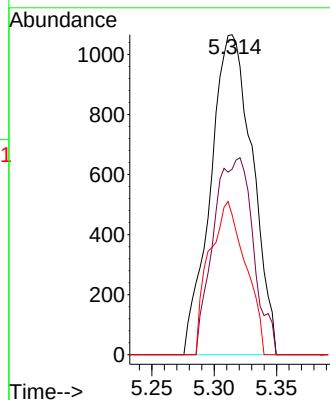
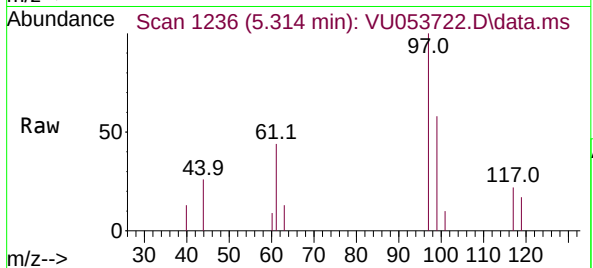
Tgt Ion: 97 Resp: 2496

Ion Ratio Lower Upper

97 100

99 58.4 49.9 74.9

61 41.4 35.7 53.5



#34

Trichloroethene

Concen: 5.591 ug/L

RT: 6.539 min Scan# 1617

Delta R.T. 0.000 min

Lab File: VU053722.D

Acq: 14 Apr 2023 18:41

Tgt Ion: 95 Resp: 51053

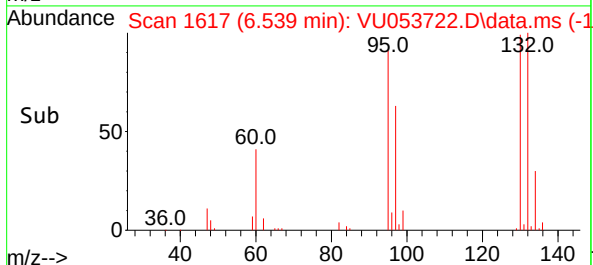
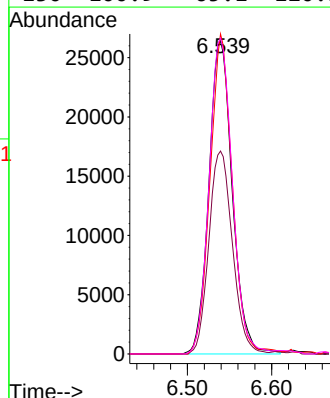
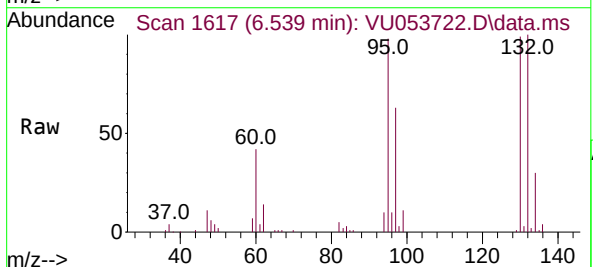
Ion Ratio Lower Upper

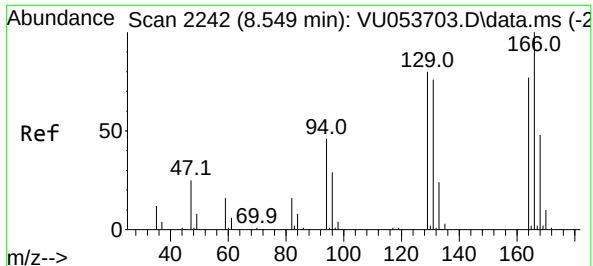
95 100

97 64.8 45.3 84.1

132 102.2 62.8 116.6

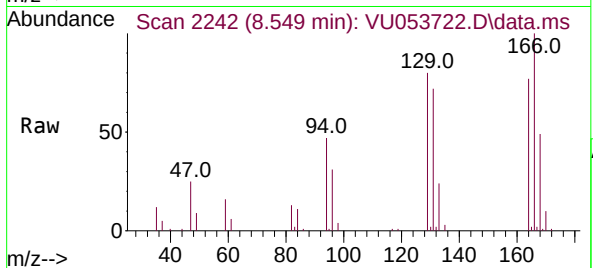
130 100.9 65.1 120.9





#47
 Tetrachloroethene
 Concen: 2.996 ug/L
 RT: 8.549 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VU053722.D
 Acq: 14 Apr 2023 18:41

Instrument :
 MSVOA_U
 ClientSampleId :
 BHE08DL



Tgt Ion:	164	Resp:	20100
Ion	Ratio	Lower	Upper
164	100		
129	103.1	74.8	138.8
131	92.5	70.1	130.1
166	129.1	87.3	162.1

