

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121923\
 Data File : VU057044.D
 Acq On : 19 Dec 2023 15:09
 Operator : MD/SY
 Sample : 05830-06 50X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0AD0

Quant Time: Dec 20 04:57:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 20 04:54:16 2023
 Response via : Initial Calibration

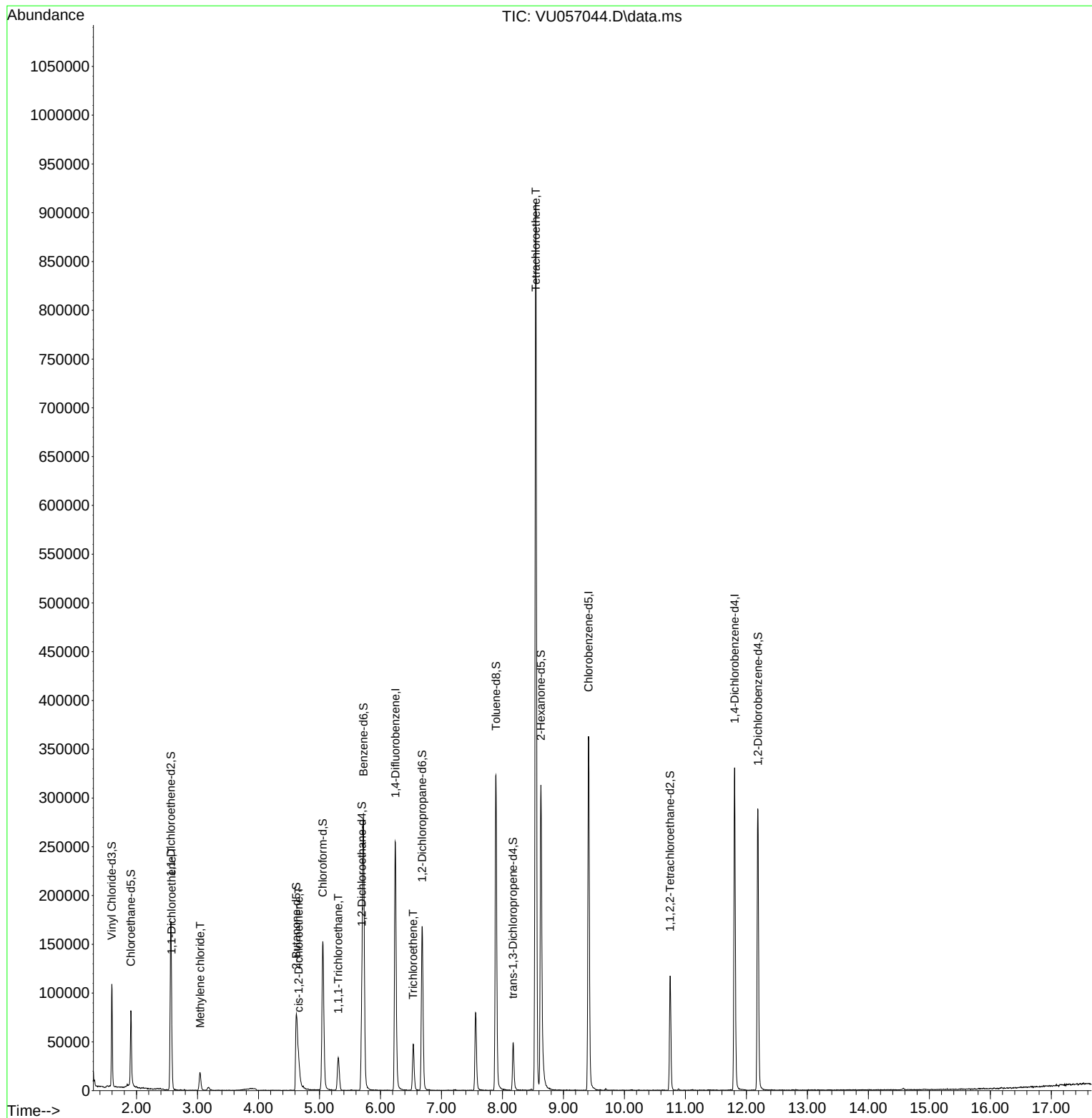
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	207514	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	208940	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	88014	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	75723	4.257	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.200%
7) Chloroethane-d5	1.907	69	54917	4.126	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.600%
11) 1,1-Dichloroethene-d2	2.563	65	31677	4.162	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.200%
20) 2-Butanone-d5	4.621	46	129386	36.833	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	73.660%
24) Chloroform-d	5.055	84	146505	4.350	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.000%
26) 1,2-Dichloroethane-d4	5.695	65	70633	4.431	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.600%
32) Benzene-d6	5.721	84	270595	4.175	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.600%
36) 1,2-Dichloropropane-d6	6.682	67	81822	4.034	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.600%
41) Toluene-d8	7.894	98	224741	3.880	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.600%
43) trans-1,3-Dichloroprop...	8.174	79	30333	3.856	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.200%
46) 2-Hexanone-d5	8.631	63	107840	36.348	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	72.700%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	58040	3.955	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.000%
66) 1,2-Dichlorobenzene-d4	12.190	152	77519	4.480	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.600%
Target Compounds						
12) 1,1-Dichloroethene	2.576	96	6532	0.388	ug/L	# 1
16) Methylene chloride	3.042	84	9366	0.510	ug/L	92
22) cis-1,2-Dichloroethene	4.660	96	6627	0.357	ug/L	90
29) 1,1,1-Trichloroethane	5.309	97	25264	0.836	ug/L	98
34) Trichloroethene	6.537	95	16494	0.819	ug/L	97
47) Tetrachloroethene	8.547	164	196633	13.949	ug/L	96

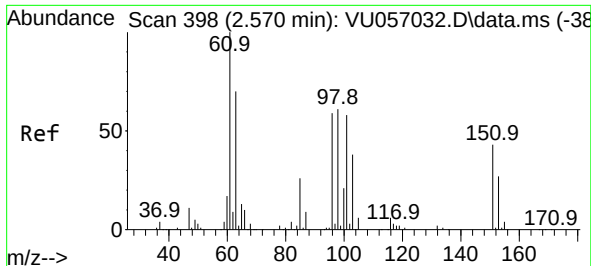
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121923\
Data File : VU057044.D
Acq On : 19 Dec 2023 15:09
Operator : MD/SY
Sample : 05830-06 50X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0AD0

Quant Time: Dec 20 04:57:38 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Dec 20 04:54:16 2023
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.388 ug/L

RT: 2.576 min Scan# 40

Delta R.T. 0.007 min

Lab File: VU057044.D

Acq: 19 Dec 2023 15:09

Instrument :

MSVOA_U

ClientSampleId :

H0AD0

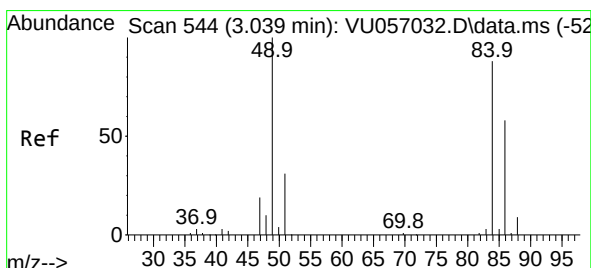
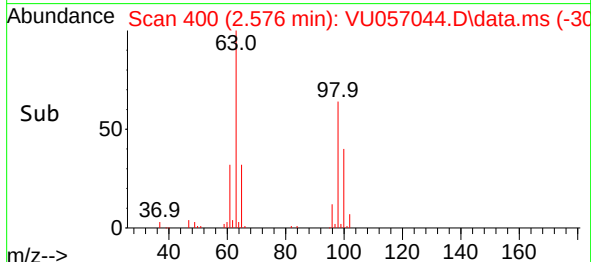
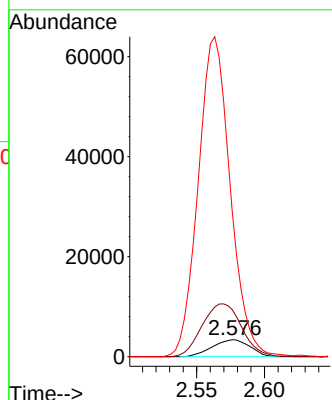
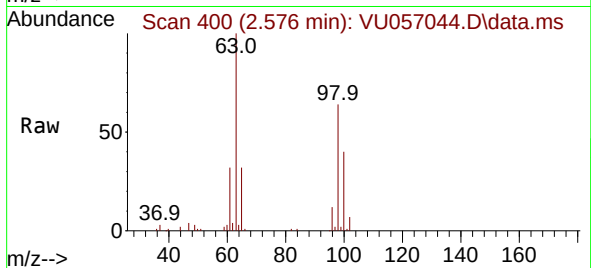
Tgt Ion: 96 Resp: 6532

Ion Ratio Lower Upper

96 100

61 277.5 119.0 221.0#

63 861.4 88.7 164.7#



#16

Methylene chloride

Concen: 0.510 ug/L

RT: 3.042 min Scan# 545

Delta R.T. 0.003 min

Lab File: VU057044.D

Acq: 19 Dec 2023 15:09

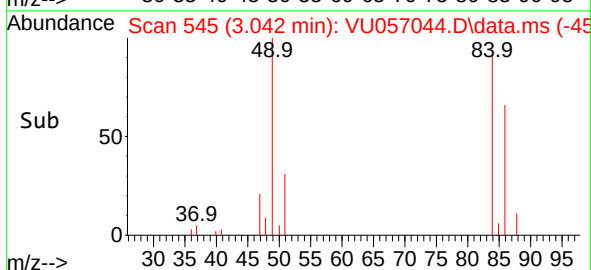
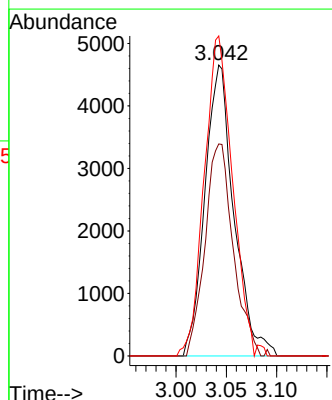
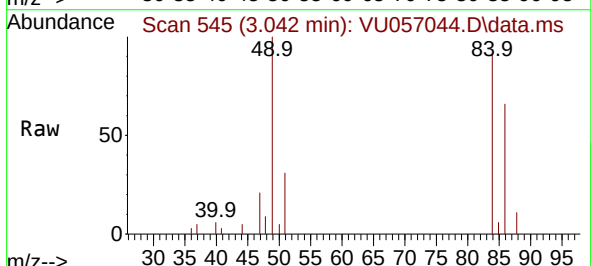
Tgt Ion: 84 Resp: 9366

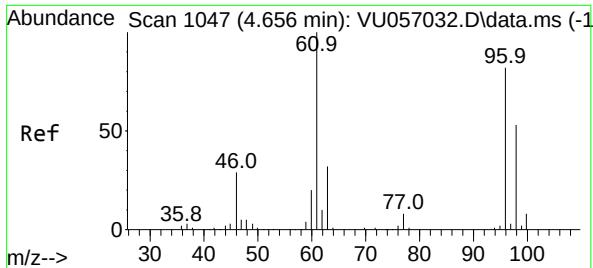
Ion Ratio Lower Upper

84 100

86 72.8 43.6 81.0

49 110.0 80.6 149.6





#22

cis-1,2-Dichloroethene

Concen: 0.357 ug/L

RT: 4.660 min Scan# 1047

Delta R.T. 0.003 min

Lab File: VU057044.D

Acq: 19 Dec 2023 15:09

Instrument :

MSVOA_U

ClientSampleId :

H0AD0

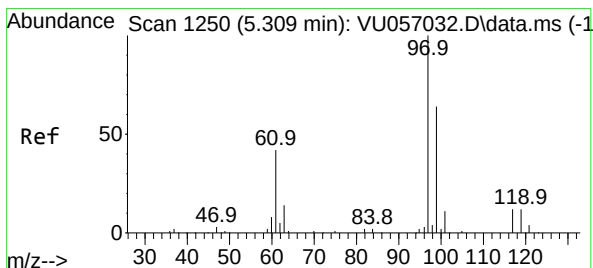
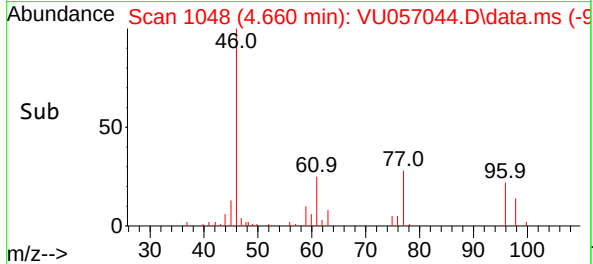
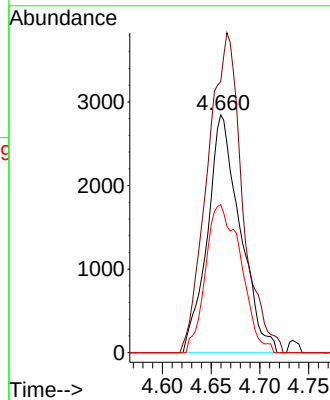
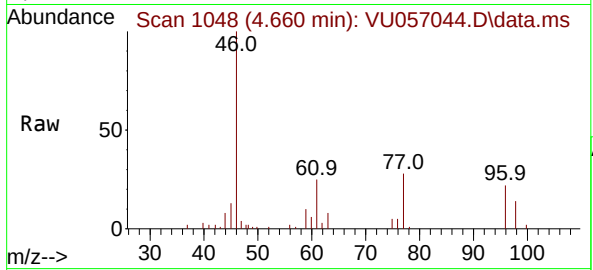
Tgt Ion: 96 Resp: 6627

Ion Ratio Lower Upper

96 100

61 113.8 91.3 169.6

98 62.2 44.2 82.0



#29

1,1,1-Trichloroethane

Concen: 0.836 ug/L

RT: 5.309 min Scan# 1250

Delta R.T. 0.000 min

Lab File: VU057044.D

Acq: 19 Dec 2023 15:09

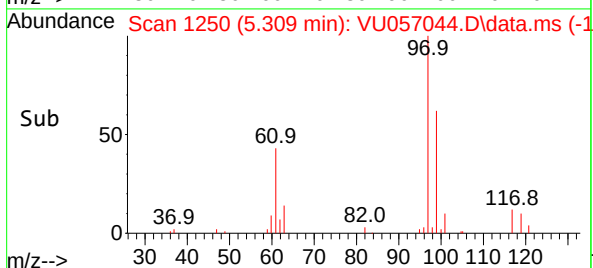
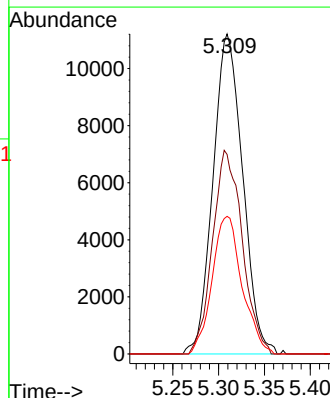
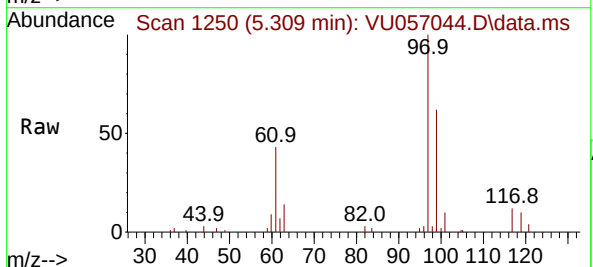
Tgt Ion: 97 Resp: 25264

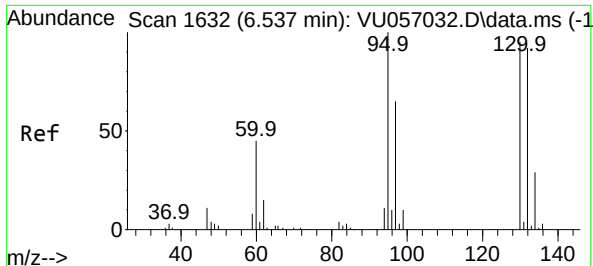
Ion Ratio Lower Upper

97 100

99 63.6 52.5 78.7

61 43.4 34.2 51.2





#34

Trichloroethene

Concen: 0.819 ug/L

RT: 6.537 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU057044.D

Acq: 19 Dec 2023 15:09

Instrument :

MSVOA_U

ClientSampleId :

H0AD0

Tgt Ion: 95 Resp: 16494

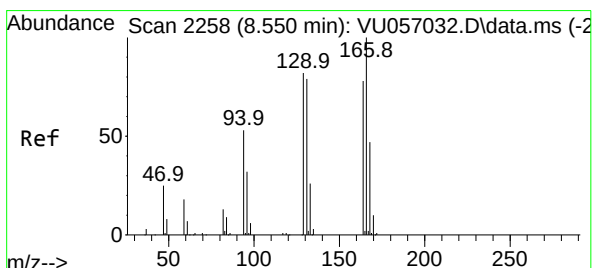
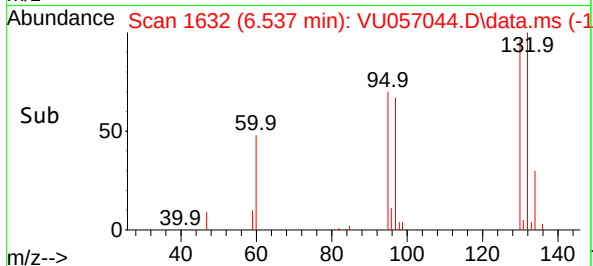
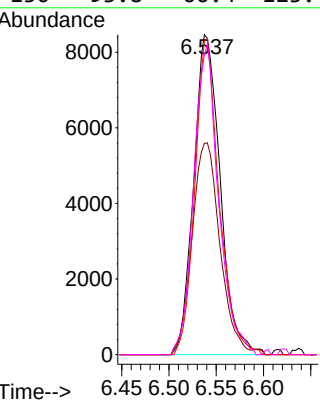
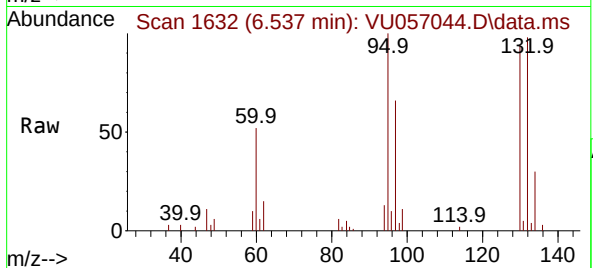
Ion Ratio Lower Upper

95 100

97 66.0 46.1 85.5

132 98.0 63.6 118.0

130 93.8 66.4 123.4



#47

Tetrachloroethene

Concen: 13.949 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.003 min

Lab File: VU057044.D

Acq: 19 Dec 2023 15:09

Tgt Ion:164 Resp: 196633

Ion Ratio Lower Upper

164 100

129 103.9 73.4 136.4

131 98.3 71.5 132.9

166 124.0 92.7 172.1

