

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061924\
 Data File : VU059361.D
 Acq On : 19 Jun 2024 18:18
 Operator : MD/SY
 Sample : P2960-03 100X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHAT3

Quant Time: Jun 20 06:01:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jun 17 12:07:46 2024
 Response via : Initial Calibration

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

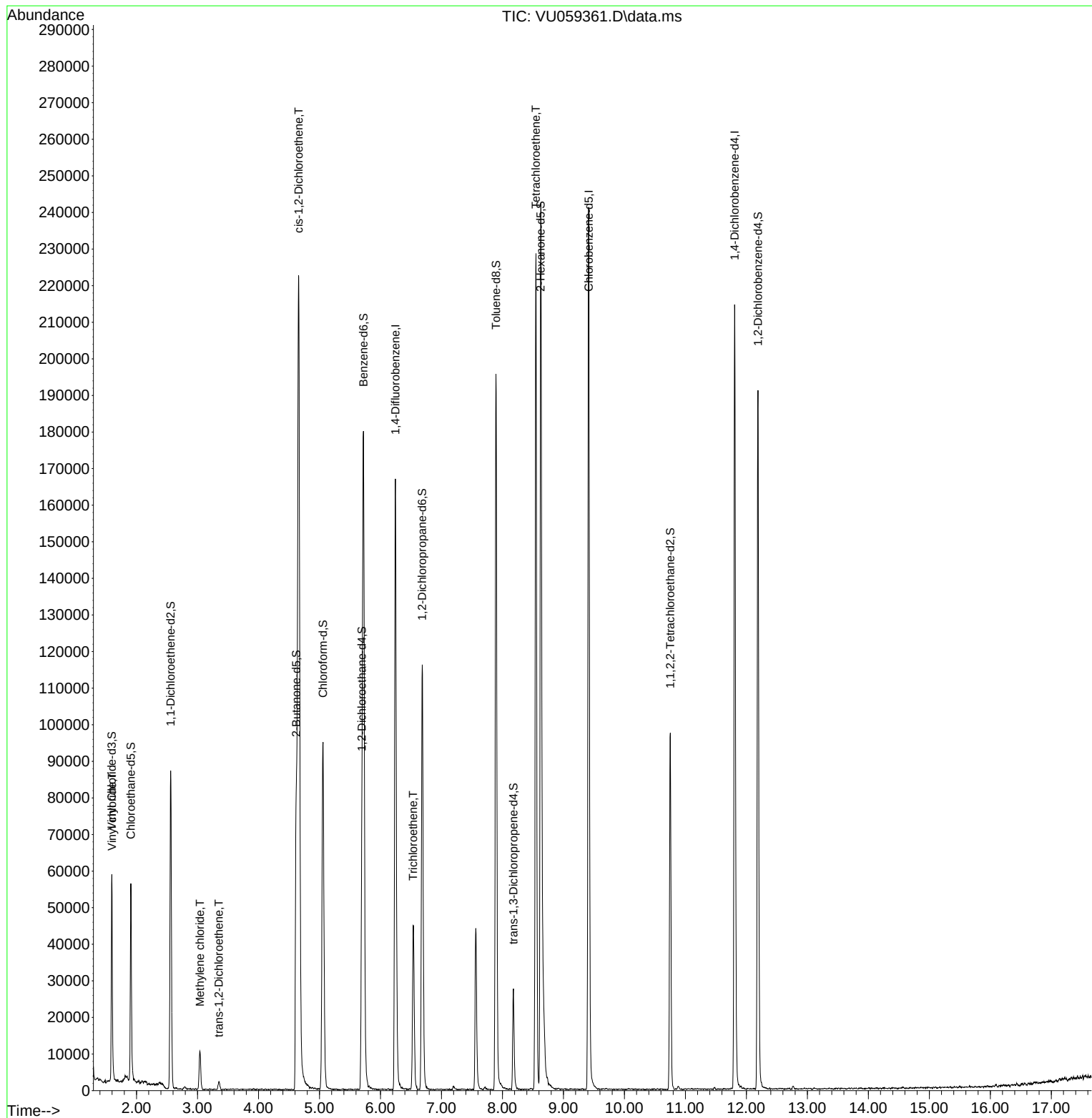
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	138826	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	142093	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	62734	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	40565	4.202	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.000%
7) Chloroethane-d5	1.907	69	42054	4.528	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.600%
11) 1,1-Dichloroethene-d2	2.560	65	16228	4.052	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.000%
20) 2-Butanone-d5	4.621	46	117131	58.906	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.820%
24) Chloroform-d	5.058	84	91728	4.629	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.600%
26) 1,2-Dichloroethane-d4	5.695	65	47568	4.984	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.600%
32) Benzene-d6	5.721	84	175292	4.482	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.600%
36) 1,2-Dichloropropane-d6	6.685	67	57545	4.802	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.000%
41) Toluene-d8	7.894	98	138762	3.817	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.400%
43) trans-1,3-Dichloroprop...	8.180	79	16533	4.406	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.200%
46) 2-Hexanone-d5	8.627	63	83460	53.531	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.060%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	51169	5.168	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.400%
66) 1,2-Dichlorobenzene-d4	12.190	152	55078	4.933	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.600%
Target Compounds						
5) Vinyl chloride	1.599	62	4016	0.287	ug/L	90
16) Methylene chloride	3.039	84	5421	0.465	ug/L	89
18) trans-1,2-Dichloroethene	3.351	96	1235	0.121	ug/L	88
22) cis-1,2-Dichloroethene	4.660	96	117780	10.435	ug/L	96
34) Trichloroethene	6.537	95	15078	1.290	ug/L	96
47) Tetrachloroethene	8.550	164	51077	5.633	ug/L	98

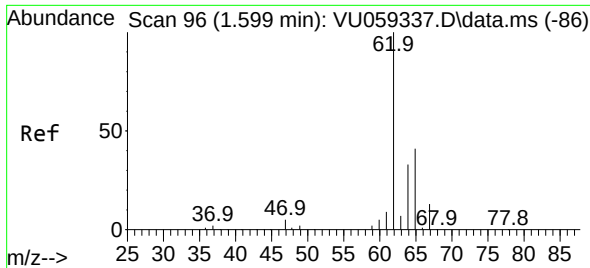
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061924\
Data File : VU059361.D
Acq On : 19 Jun 2024 18:18
Operator : MD/SY
Sample : P2960-03 100X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BHAT3

Quant Time: Jun 20 06:01:22 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Jun 17 12:07:46 2024
Response via : Initial Calibration

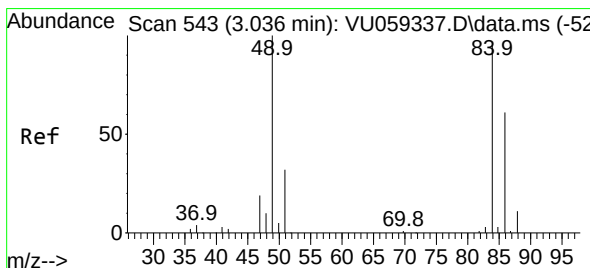
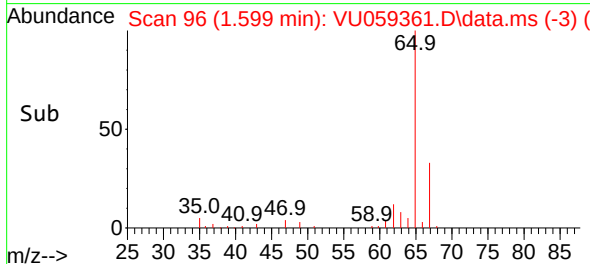
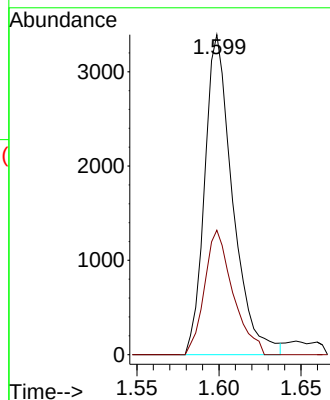
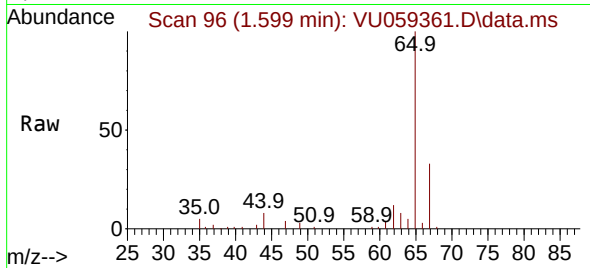




#5
 Vinyl chloride
 Concen: 0.287 ug/L
 RT: 1.599 min Scan# 96
 Delta R.T. -0.000 min
 Lab File: VU059361.D
 Acq: 19 Jun 2024 18:18

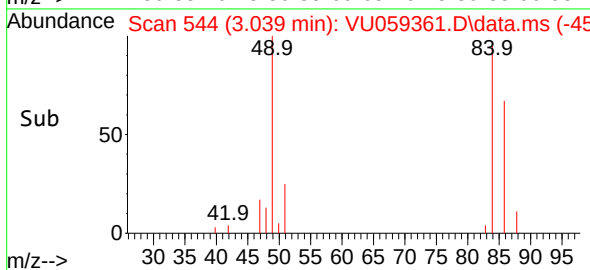
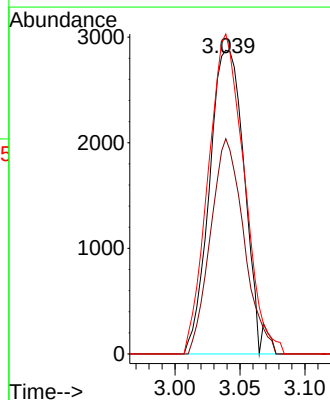
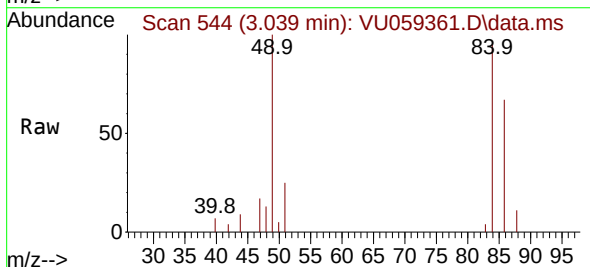
Instrument :
 MSVOA_U
 ClientSampleId :
 BHAT3

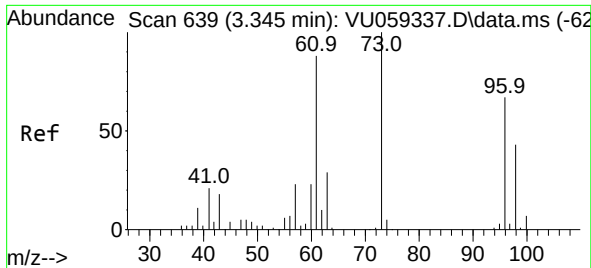
Tgt Ion: 62 Resp: 4016
 Ion Ratio Lower Upper
 62 100
 64 38.9 23.1 42.9



#16
 Methylene chloride
 Concen: 0.465 ug/L
 RT: 3.039 min Scan# 544
 Delta R.T. -0.000 min
 Lab File: VU059361.D
 Acq: 19 Jun 2024 18:18

Tgt Ion: 84 Resp: 5421
 Ion Ratio Lower Upper
 84 100
 86 70.9 42.1 78.1
 49 105.4 80.6 149.8

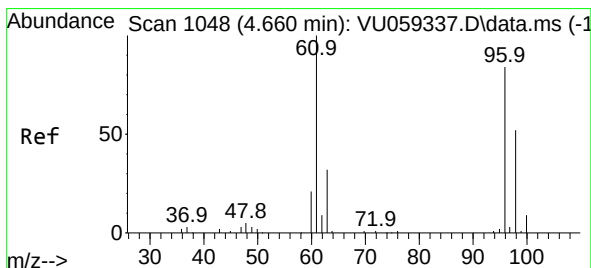
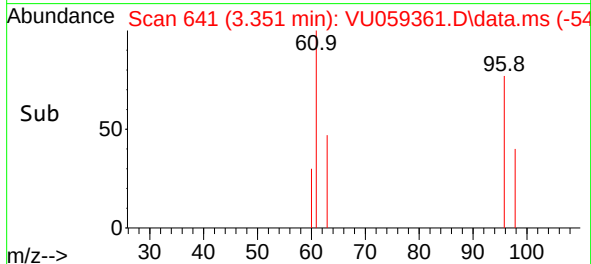
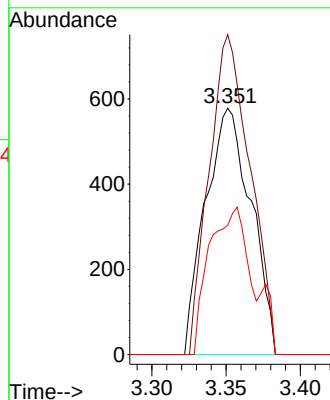
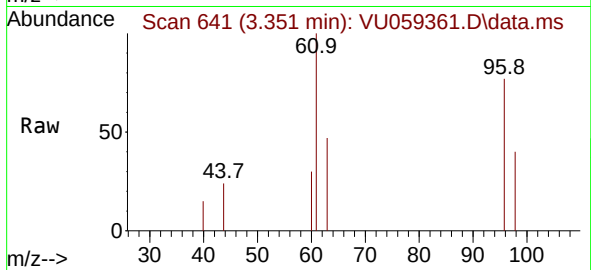




#18
trans-1,2-Dichloroethene
Concen: 0.121 ug/L
RT: 3.351 min Scan# 641
Delta R.T. 0.003 min
Lab File: VU059361.D
Acq: 19 Jun 2024 18:18

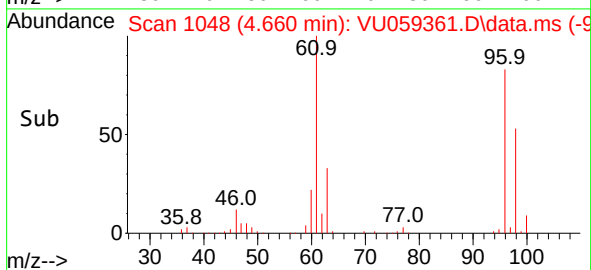
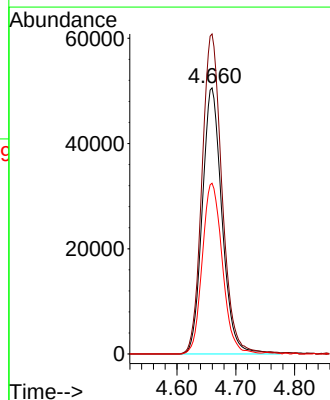
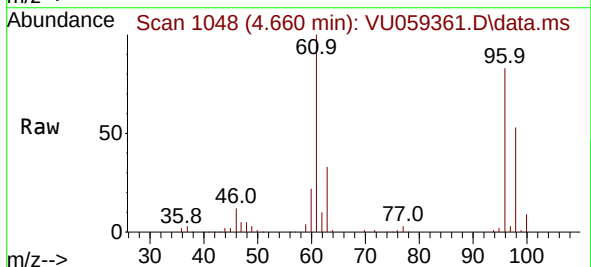
Instrument :
MSVOA_U
ClientSampleId :
BHAT3

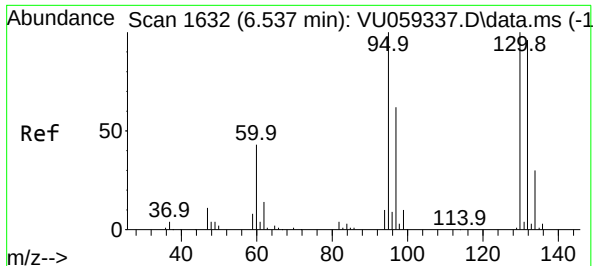
Tgt Ion: 96 Resp: 1235
Ion Ratio Lower Upper
96 100
61 129.9 101.8 189.0
98 52.4 43.3 80.5



#22
cis-1,2-Dichloroethene
Concen: 10.435 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. 0.003 min
Lab File: VU059361.D
Acq: 19 Jun 2024 18:18

Tgt Ion: 96 Resp: 117780
Ion Ratio Lower Upper
96 100
61 120.3 87.4 162.2
98 64.2 42.3 78.5





#34

Trichloroethene

Concen: 1.290 ug/L

RT: 6.537 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU059361.D

Acq: 19 Jun 2024 18:18

Instrument :

MSVOA_U

ClientSampleId :

BHAT3

Tgt Ion: 95 Resp: 15078

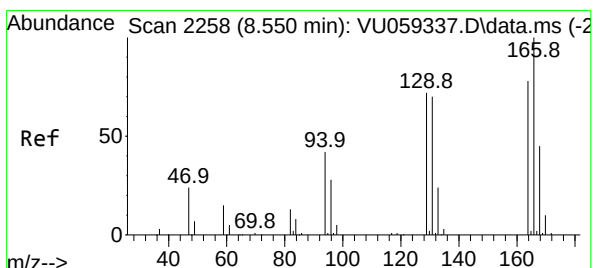
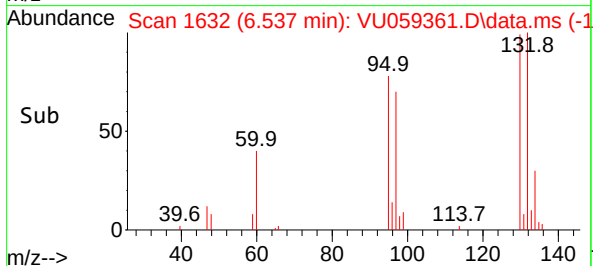
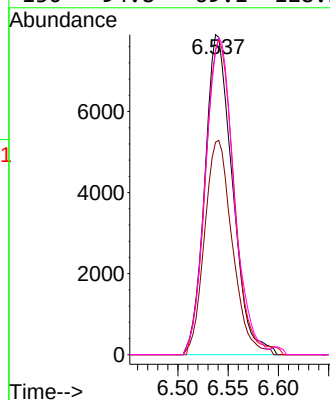
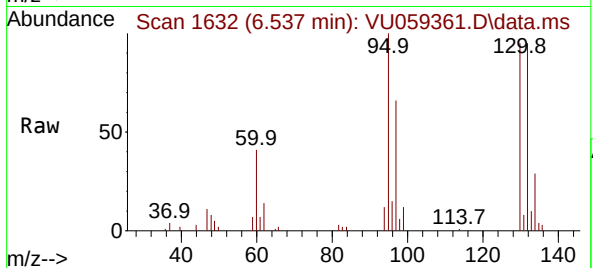
Ion Ratio Lower Upper

95 100

97 66.4 45.3 84.1

132 95.4 64.0 119.0

130 94.8 69.1 128.3



#47

Tetrachloroethene

Concen: 5.633 ug/L

RT: 8.550 min Scan# 2258

Delta R.T. 0.003 min

Lab File: VU059361.D

Acq: 19 Jun 2024 18:18

Tgt Ion:164 Resp: 51077

Ion Ratio Lower Upper

164 100

129 94.7 70.8 131.4

131 92.8 64.8 120.3

166 130.8 91.1 169.1

