

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111723\
 Data File : VU056463.D
 Acq On : 18 Nov 2023 00:44
 Operator : MD/SY
 Sample : 05441-15
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0QK5

Quant Time: Nov 19 01:24:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 18 00:12:04 2023
 Response via : Initial Calibration

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

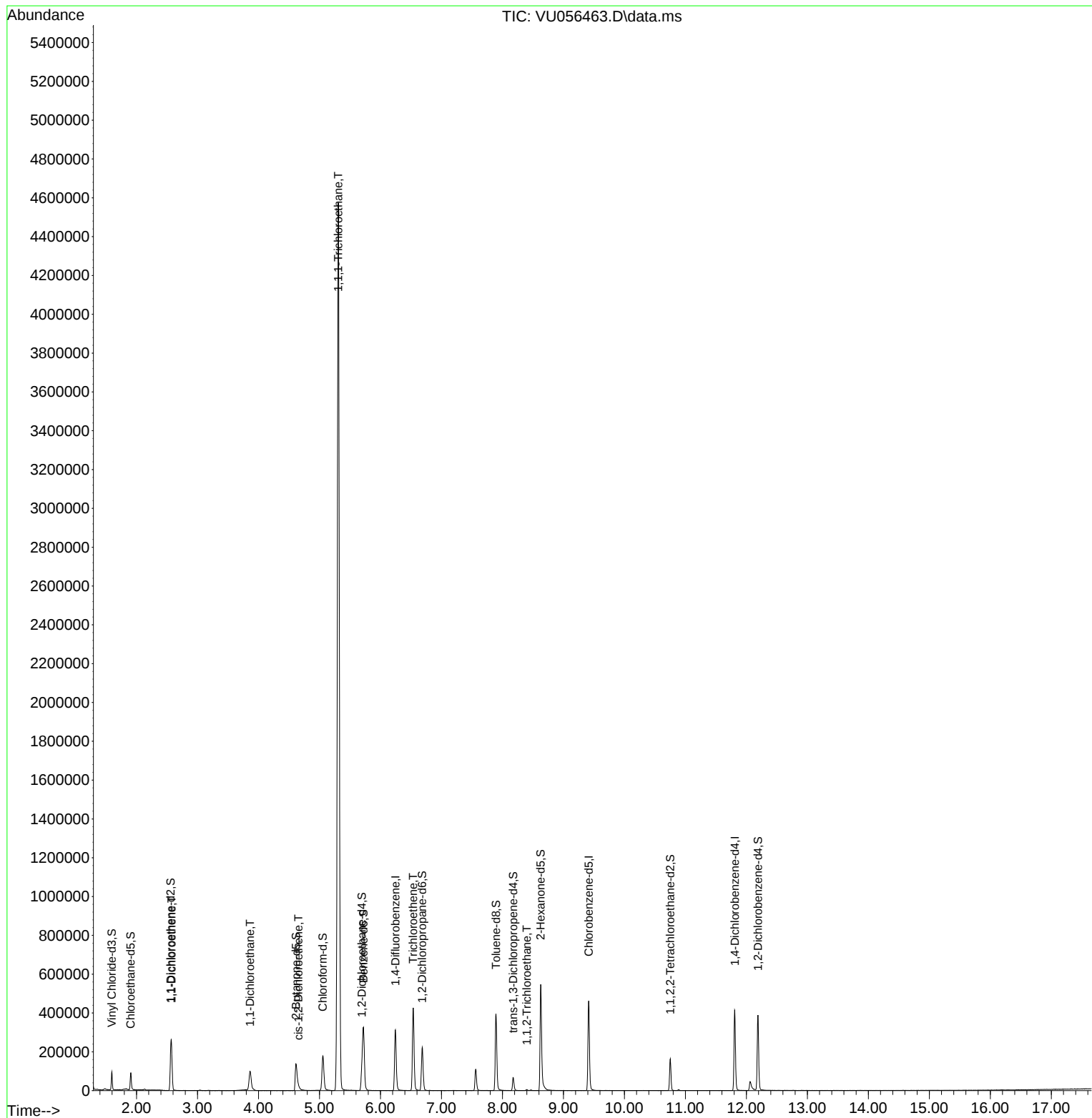
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	254345	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	271689	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	112544	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	63553	3.341	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.800%
7) Chloroethane-d5	1.904	69	66499	4.559	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.200%
11) 1,1-Dichloroethene-d2	2.560	65	30184	3.595	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.000%
20) 2-Butanone-d5	4.615	46	210766	55.561	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.120%
24) Chloroform-d	5.055	84	169337	4.602	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.000%
26) 1,2-Dichloroethane-d4	5.695	65	89351	5.255	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.000%
32) Benzene-d6	5.721	84	316724	3.913	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.200%
36) 1,2-Dichloropropane-d6	6.685	67	107980	4.426	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.600%
41) Toluene-d8	7.894	98	271468	3.798	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.000%
43) trans-1,3-Dichloroprop...	8.177	79	40752	4.355	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.200%
46) 2-Hexanone-d5	8.627	63	182207	49.554	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.100%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	83411	4.785	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.600%
66) 1,2-Dichlorobenzene-d4	12.190	152	100697	4.843	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.800%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.576	96	56058	3.600	ug/L	95
19) 1,1-Dichloroethane	3.862	63	109785	3.460	ug/L	96
22) cis-1,2-Dichloroethene	4.656	96	2212	0.122	ug/L #	70
29) 1,1,1-Trichloroethane	5.309	97	3428884	109.947	ug/L	99
34) Trichloroethene	6.537	95	152634	7.226	ug/L	98
45) 1,1,2-Trichloroethane	8.399	97	1443	0.107	ug/L	88

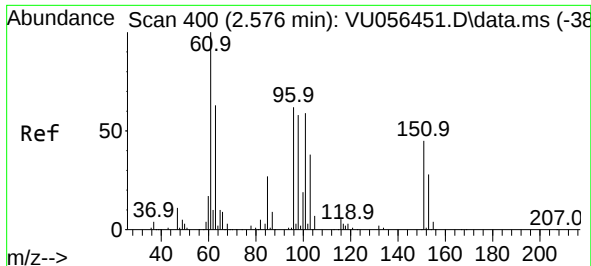
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111723\
Data File : VU056463.D
Acq On : 18 Nov 2023 00:44
Operator : MD/SY
Sample : 05441-15
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0QK5

Quant Time: Nov 19 01:24:55 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Nov 18 00:12:04 2023
Response via : Initial Calibration

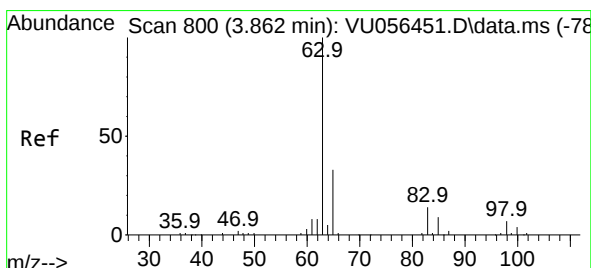
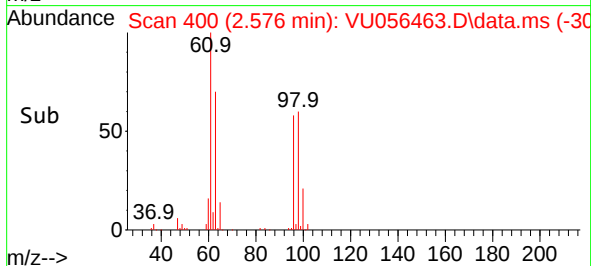
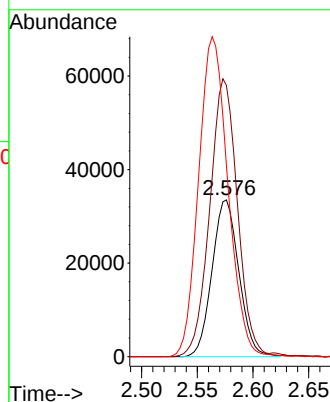
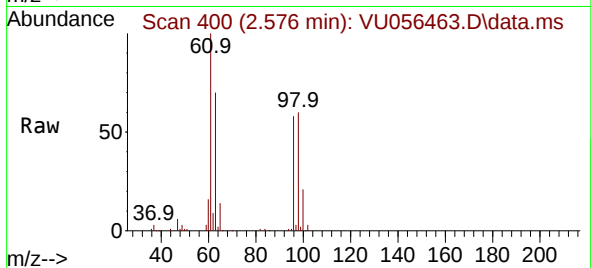




#12
1,1-Dichloroethene
Concen: 3.600 ug/L
RT: 2.576 min Scan# 400
Delta R.T. -0.000 min
Lab File: VU056463.D
Acq: 18 Nov 2023 00:44

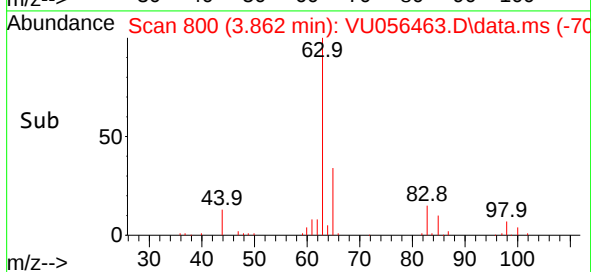
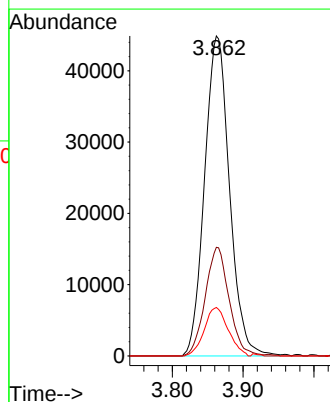
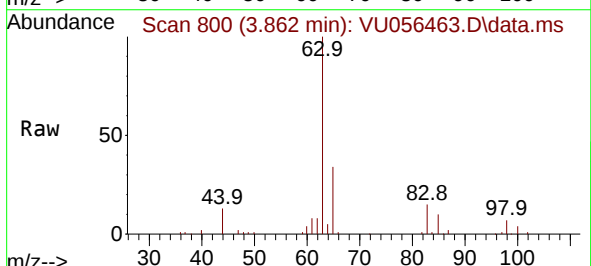
Instrument :
MSVOA_U
ClientSampleId :
C0QK5

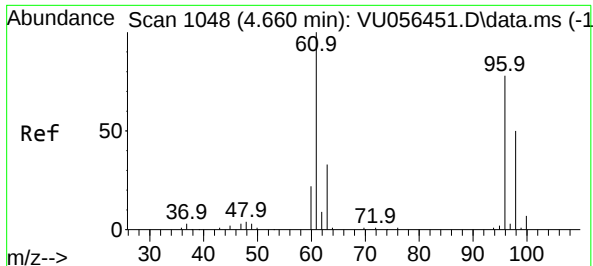
Tgt Ion: 96 Resp: 56058
Ion Ratio Lower Upper
96 100
61 172.9 123.1 228.7
63 121.7 93.3 173.3



#19
1,1-Dichloroethane
Concen: 3.460 ug/L
RT: 3.862 min Scan# 800
Delta R.T. -0.000 min
Lab File: VU056463.D
Acq: 18 Nov 2023 00:44

Tgt Ion: 63 Resp: 109785
Ion Ratio Lower Upper
63 100
65 33.9 21.8 40.6
83 15.1 9.7 17.9





#22

cis-1,2-Dichloroethene

Concen: 0.122 ug/L

RT: 4.656 min Scan# 1047

Delta R.T. -0.003 min

Lab File: VU056463.D

Acq: 18 Nov 2023 00:44

Instrument :

MSVOA_U

ClientSampleId :

C0QK5

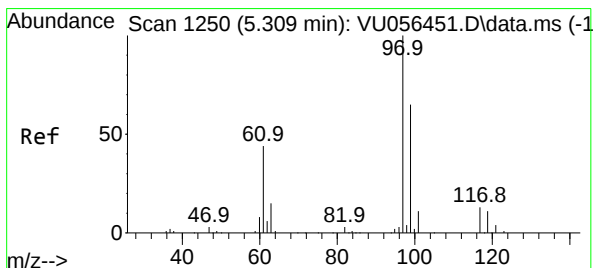
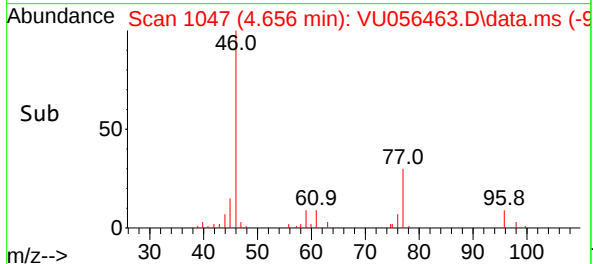
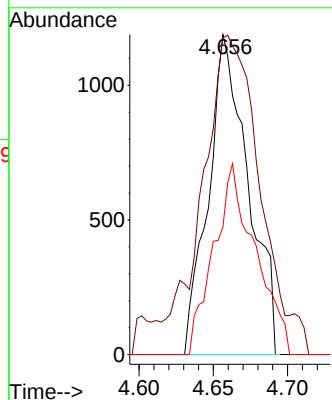
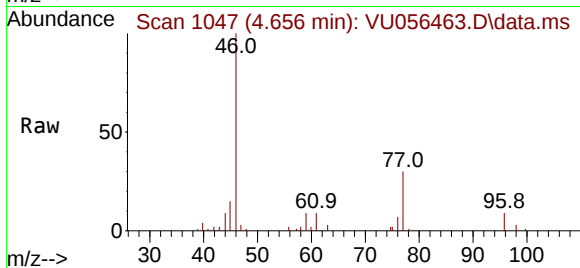
Tgt Ion: 96 Resp: 2212

Ion Ratio Lower Upper

96 100

61 99.1 93.2 173.2

98 39.9 44.8 83.2#



#29

1,1,1-Trichloroethane

Concen: 109.947 ug/L

RT: 5.309 min Scan# 1250

Delta R.T. -0.000 min

Lab File: VU056463.D

Acq: 18 Nov 2023 00:44

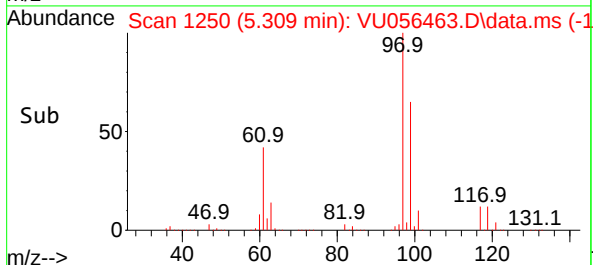
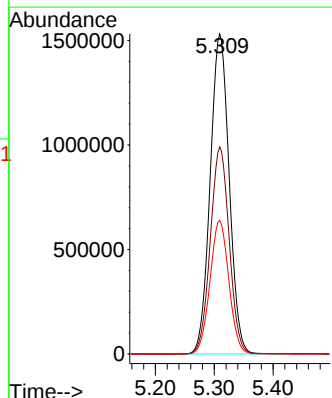
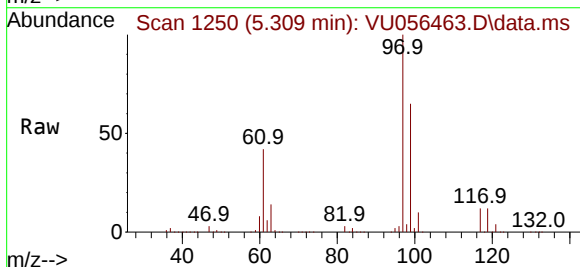
Tgt Ion: 97 Resp: 3428884

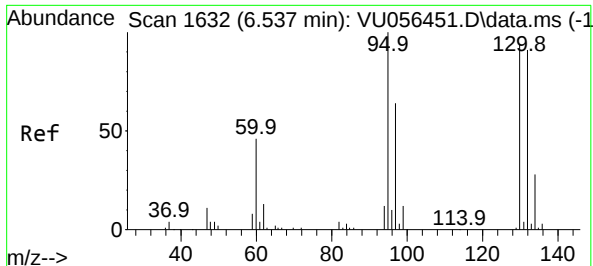
Ion Ratio Lower Upper

97 100

99 64.4 51.6 77.4

61 41.5 34.3 51.5





#34

Trichloroethene

Concen: 7.226 ug/L

RT: 6.537 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU056463.D

Acq: 18 Nov 2023 00:44

Instrument :

MSVOA_U

ClientSampleId :

C0QK5

Tgt Ion: 95 Resp: 152634

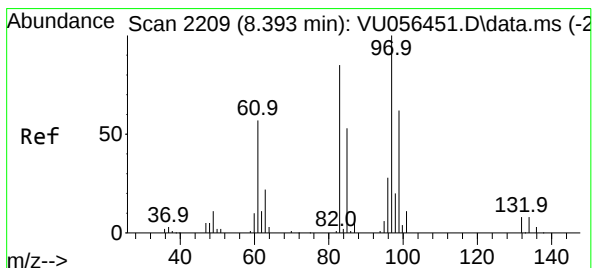
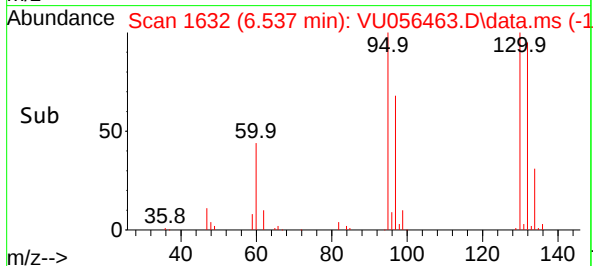
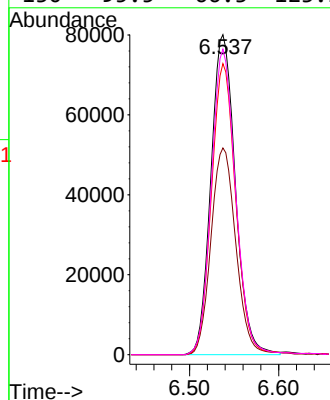
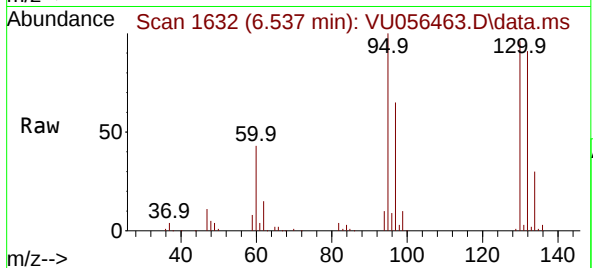
Ion Ratio Lower Upper

95 100

97 64.6 46.5 86.3

132 91.0 62.0 115.2

130 95.5 66.3 123.1



#45

1,1,2-Trichloroethane

Concen: 0.107 ug/L

RT: 8.399 min Scan# 2211

Delta R.T. 0.006 min

Lab File: VU056463.D

Acq: 18 Nov 2023 00:44

Tgt Ion: 97 Resp: 1443

Ion Ratio Lower Upper

97 100

99 58.6 44.3 82.3

83 113.1 65.4 121.4

85 55.6 41.6 77.3

