

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122922\
 Data File : VU052611.D
 Acq On : 29 Dec 2022 17:51
 Operator : JC/MD
 Sample : N6216-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0AA9

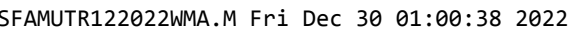
Quant Time: Dec 30 01:00:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 30 00:58:31 2022
 Response via : Initial Calibration

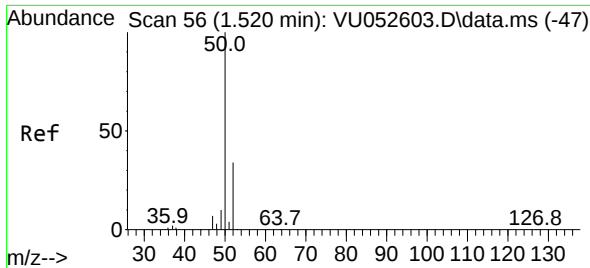
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	195444	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	196525	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	96223	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	79408	4.010	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.200%
7) Chloroethane-d5	1.916	69	74459	4.360	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.200%
11) 1,1-Dichloroethene-d2	2.569	65	35121	4.122	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.400%
20) 2-Butanone-d5	4.662	46	297701	48.484	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.960%
24) Chloroform-d	5.060	84	145274	4.349	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.000%
26) 1,2-Dichloroethane-d4	5.700	65	87052	4.492	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.800%
32) Benzene-d6	5.726	84	292246	4.337	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.800%
36) 1,2-Dichloropropane-d6	6.687	67	104494	4.505	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.200%
41) Toluene-d8	7.893	98	235214	4.158	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.200%
43) trans-1,3-Dichloroprop...	8.176	79	33748	4.249	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.000%
46) 2-Hexanone-d5	8.633	63	216740	49.880	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.760%
56) 1,1,2,2-Tetrachloroeth...	10.752	84	88687	4.504	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.000%
66) 1,2-Dichlorobenzene-d4	12.189	152	87127	4.447	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.000%
Target Compounds						Qvalue
3) Chloromethane	1.520	50	4114	0.164	ug/L	96
22) cis-1,2-Dichloroethene	4.665	96	13889	0.839	ug/L	96
30) Cyclohexane	5.462	56	6626	0.248	ug/L #	21
34) Trichloroethene	6.539	95	21639	1.308	ug/L	96
37) 1,2-Dichloropropane	6.687	63	10327	0.523	ug/L #	94
47) Tetrachloroethene	8.549	164	107778	9.330	ug/L	98
48) 2-Hexanone	8.636	43	36178	3.325	ug/L #	67
49) Dibromochloromethane	8.549	129	108128	7.299	ug/L #	11
61) 1,2,3-Trichloropropane	11.806	75	12944	0.938	ug/L #	67

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

Quant Time: Dec 30 01:00:30 2022
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QLast Update : Fri Dec 30 00:58:31 2022
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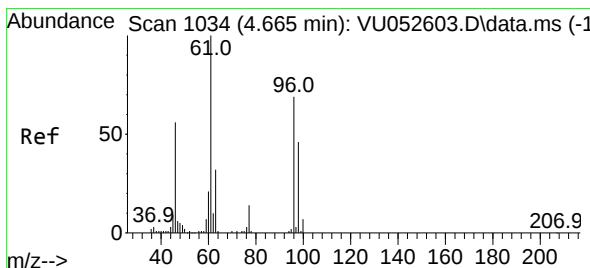
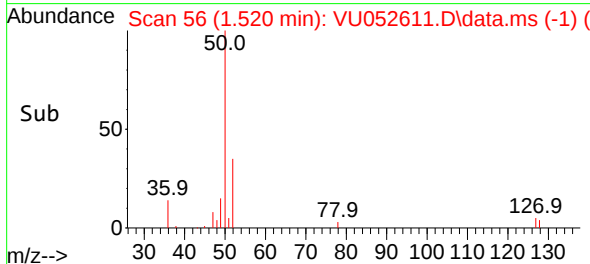
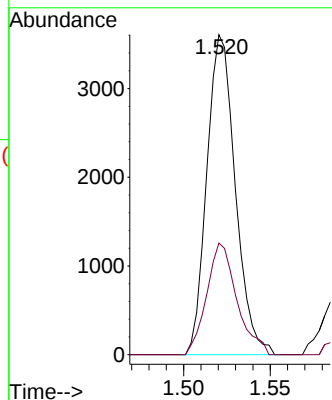
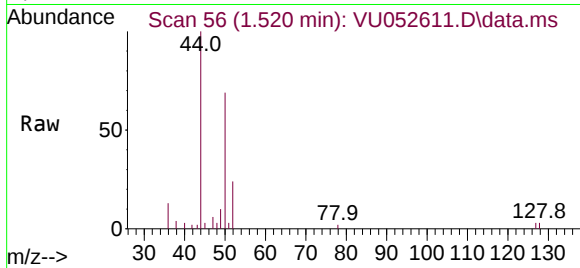




#3
Chloromethane
Concen: 0.164 ug/L
RT: 1.520 min Scan# 50
Delta R.T. 0.000 min
Lab File: VU052611.D
Acq: 29 Dec 2022 17:51

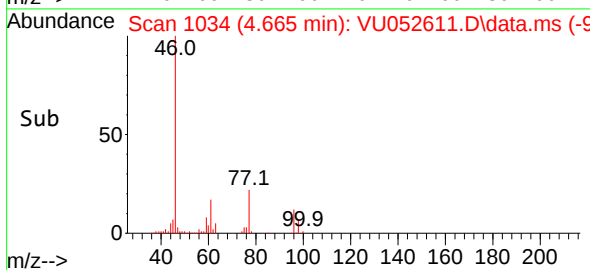
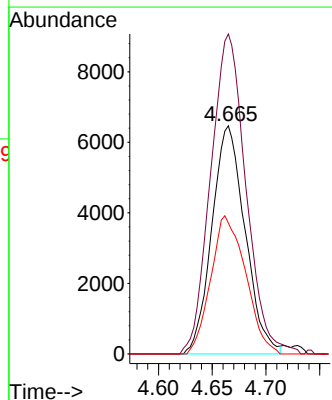
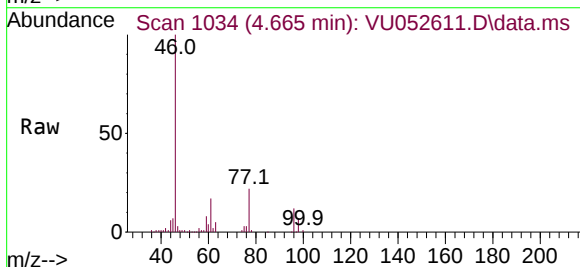
Instrument :
MSVOA_U
ClientSampleId :
H0AA9

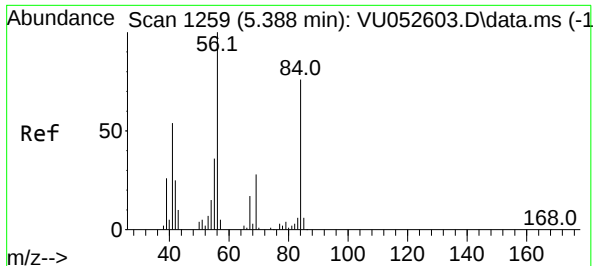
Tgt Ion: 50 Resp: 4114
Ion Ratio Lower Upper
50 100
52 34.9 23.0 42.6



#22
cis-1,2-Dichloroethene
Concen: 0.839 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. 0.000 min
Lab File: VU052611.D
Acq: 29 Dec 2022 17:51

Tgt Ion: 96 Resp: 13889
Ion Ratio Lower Upper
96 100
61 140.2 96.9 180.1
98 57.3 44.7 83.1





#30

Cyclohexane

Concen: 0.248 ug/L

RT: 5.462 min Scan# 11

Delta R.T. 0.074 min

Lab File: VU052611.D

Acq: 29 Dec 2022 17:51

Instrument :

MSVOA_U

ClientSampleId :

H0AA9

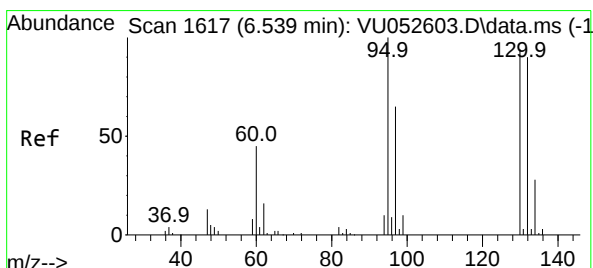
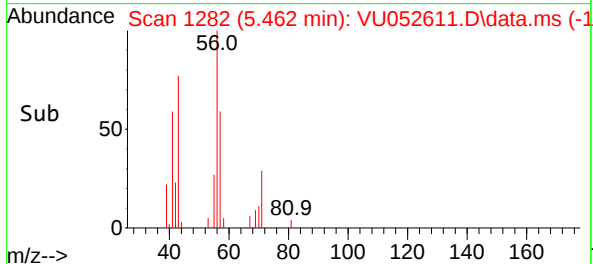
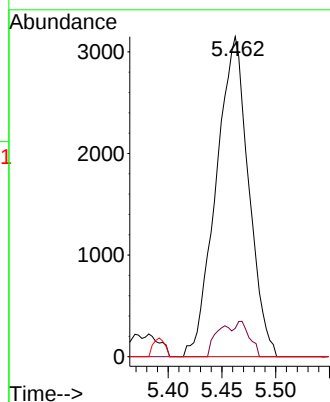
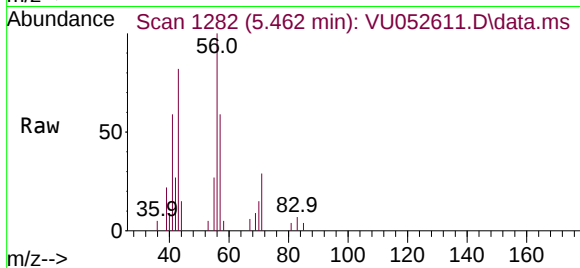
Tgt Ion: 56 Resp: 6626

Ion Ratio Lower Upper

56 100

69 5.0 23.0 34.6#

84 0.0 64.4 96.6#



#34

Trichloroethene

Concen: 1.308 ug/L

RT: 6.539 min Scan# 1617

Delta R.T. 0.000 min

Lab File: VU052611.D

Acq: 29 Dec 2022 17:51

Tgt Ion: 95 Resp: 21639

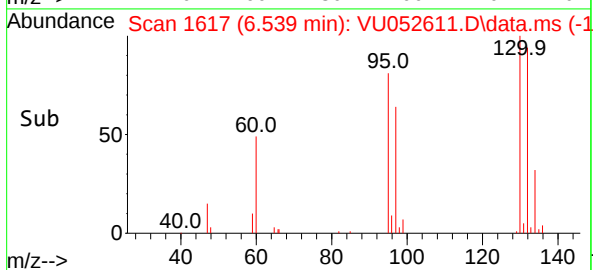
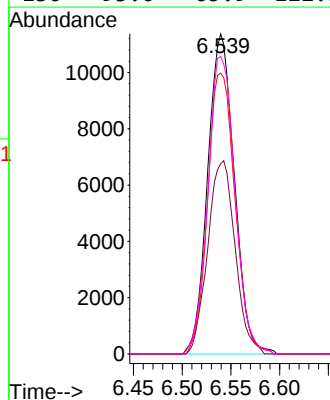
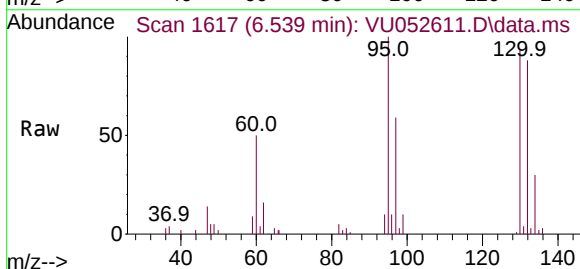
Ion Ratio Lower Upper

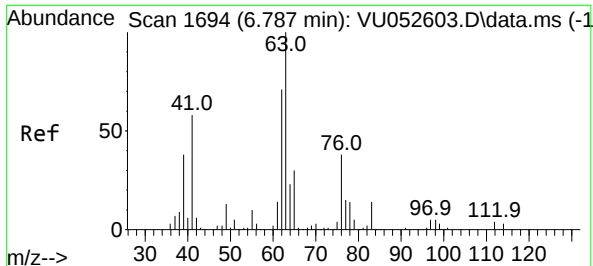
95 100

97 59.5 46.3 86.1

132 87.7 63.9 118.7

130 93.0 65.9 122.5





#37

1,2-Dichloropropane

Concen: 0.523 ug/L

RT: 6.687 min Scan# 1

Delta R.T. -0.099 min

Lab File: VU052611.D

Acq: 29 Dec 2022 17:51

Instrument :

MSVOA_U

ClientSampleId :

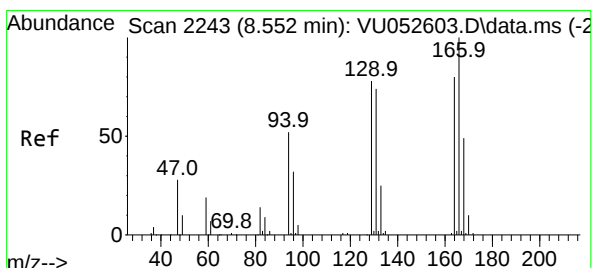
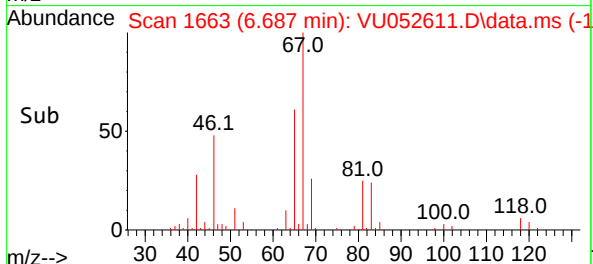
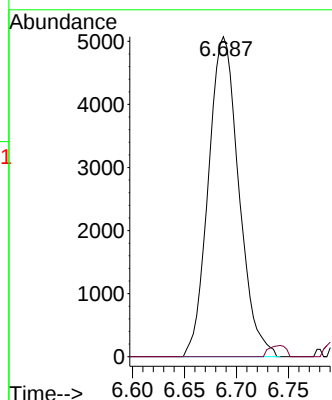
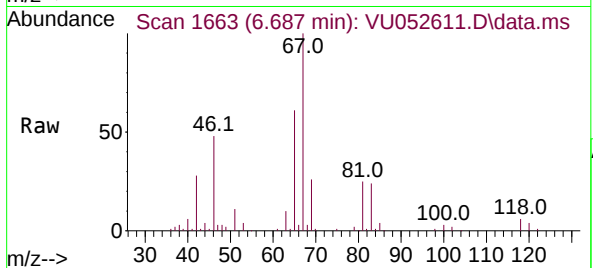
H0AA9

Tgt Ion: 63 Resp: 10327

Ion Ratio Lower Upper

63 100

112 1.9 3.0 4.6#



#47

Tetrachloroethene

Concen: 9.330 ug/L

RT: 8.549 min Scan# 2242

Delta R.T. -0.003 min

Lab File: VU052611.D

Acq: 29 Dec 2022 17:51

Tgt Ion: 164 Resp: 107778

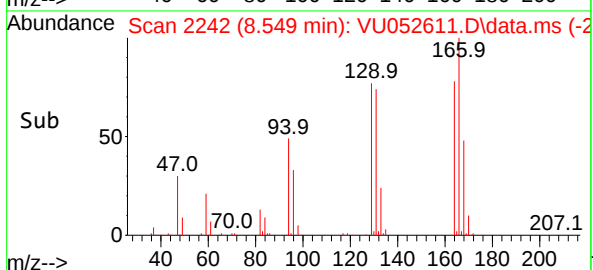
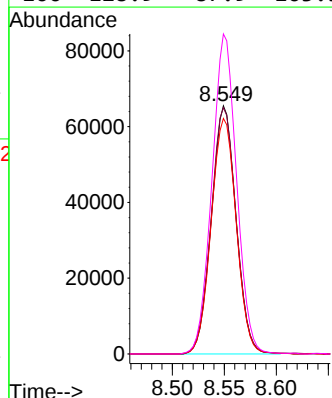
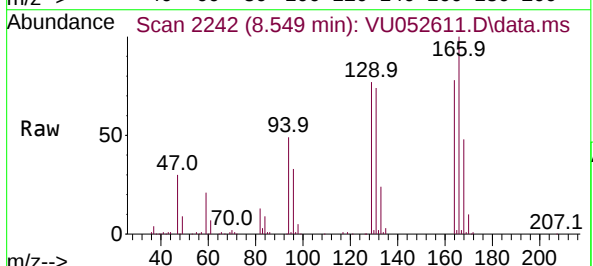
Ion Ratio Lower Upper

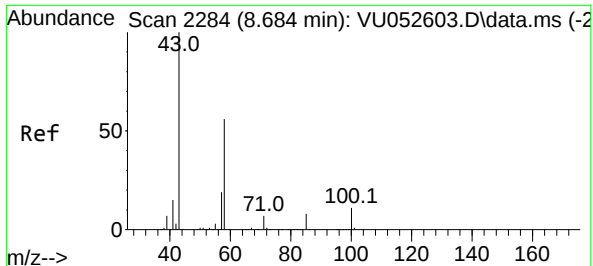
164 100

129 99.2 68.1 126.5

131 94.9 66.5 123.5

166 128.9 87.9 163.3

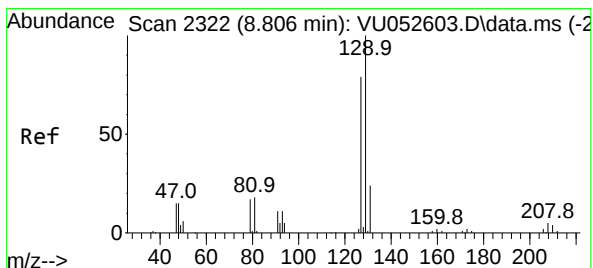
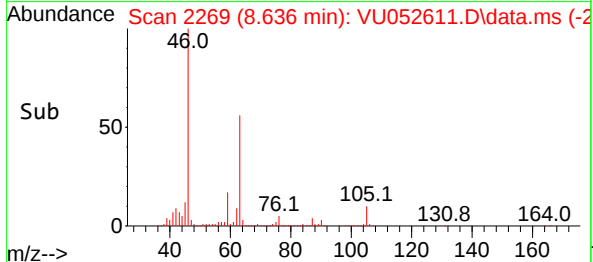
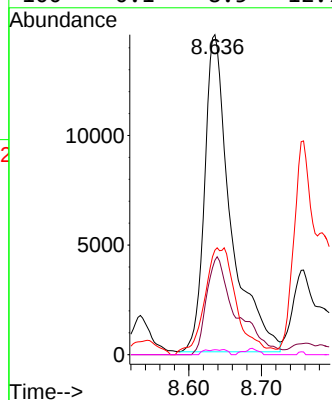
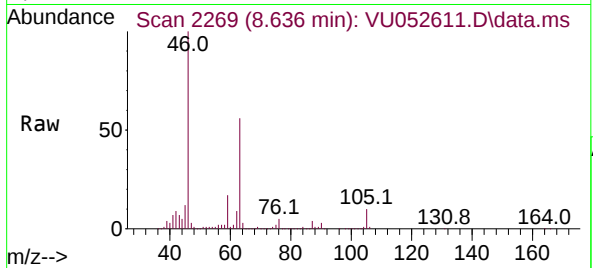




#48
2-Hexanone
Concen: 3.325 ug/L
RT: 8.636 min Scan# 21
Delta R.T. -0.048 min
Lab File: VU052611.D
Acq: 29 Dec 2022 17:51

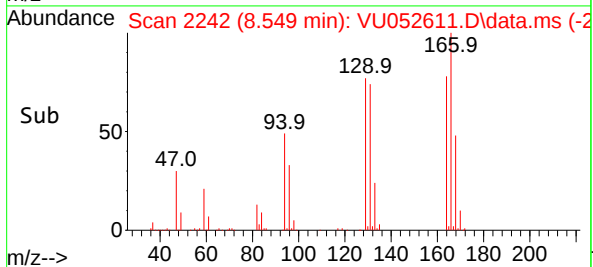
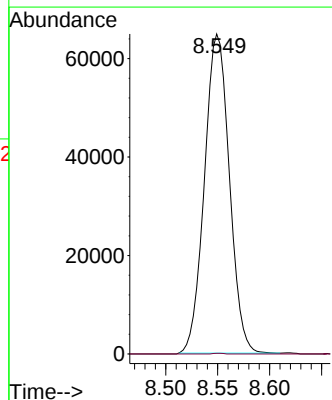
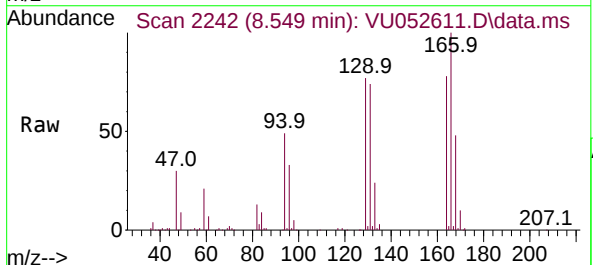
Instrument :
MSVOA_U
ClientSampleId :
H0AA9

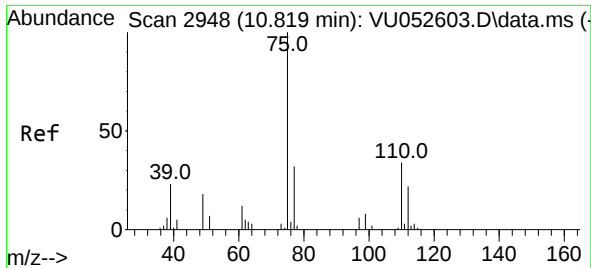
Tgt Ion: 43	Resp: 36178
Ion Ratio	Lower Upper
43 100	
58 35.3	44.1 66.1#
57 41.2	14.6 21.8#
100 0.1	8.5 12.7#



#49
Dibromochloromethane
Concen: 7.299 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. -0.257 min
Lab File: VU052611.D
Acq: 29 Dec 2022 17:51

Tgt	Ion:129	Resp:	108128
Ion	Ratio	Lower	Upper
129	100		
127	0.2	54.2	100.6#





#61
 1,2,3-Trichloropropane
 Concen: 0.938 ug/L
 RT: 11.806 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU052611.D
 Acq: 29 Dec 2022 17:51

Instrument :
 MSVOA_U
 ClientSampleId :
 H0AA9

Tgt Ion: 75 Resp: 12944
 Ion Ratio Lower Upper
 75 100
 110 2.2 27.9 41.9#
 77 36.4 25.9 38.9

