

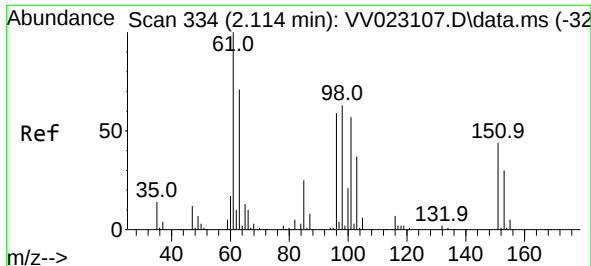
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV110121\
 Data File : VV023127.D
 Acq On : 01 Nov 2021 19:43
 Operator : SY/MD
 Sample : M4412-05
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 02 01:18:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR102221WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 02 01:11:36 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	125644	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	127933	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	59599	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	28758	2.619	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	52.400%	
7) Chloroethane-d5	1.568	69	27806	4.094	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	81.800%	
11) 1,1-Dichloroethene-d2	2.108	63	45490	2.872	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	57.400%#	
20) 2-Butanone-d5	3.883	46	90775	51.542	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	103.080%	
24) Chloroform-d	4.352	84	84622	4.741	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.800%	
26) 1,2-Dichloroethane-d4	5.034	65	41464	4.928	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	98.600%	
32) Benzene-d6	5.053	84	157763	4.224	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	84.400%	
36) 1,2-Dichloropropane-d6	6.072	67	50680	4.408	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	88.200%	
41) Toluene-d8	7.320	98	136074	4.056	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	81.200%	
43) trans-1,3-Dichloroprop...	7.625	79	18407	4.569	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	91.400%	
46) 2-Hexanone-d5	8.088	63	71040	47.630	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	95.260%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	35761	4.504	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	90.000%	
66) 1,2-Dichlorobenzene-d4	11.625	152	53798	5.059	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	101.200%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.111	96	428	0.067	ug/L #	1
13) Acetone	2.172	43	2262	2.618	ug/L	99
27) 1,2-Dichloroethane	5.059	62	995	0.113	ug/L #	72
35) Methylcyclohexane	6.072	83	12751	1.030	ug/L #	18
37) 1,2-Dichloropropane	6.072	63	5981	0.689	ug/L #	83
39) cis-1,3-Dichloropropene	6.985	75	1409	0.130	ug/L #	78
42) Toluene	7.403	91	3076	0.088	ug/L	98
48) 2-Hexanone	8.088	43	8328	2.746	ug/L #	71
61) 1,2,3-Trichloropropane	11.249	75	6408	1.528	ug/L #	67

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



#12

1,1-Dichloroethene

Concen: 0.067 ug/L

RT: 2.111 min Scan# 31

Delta R.T. -0.003 min

Lab File: VV023127.D

Acq: 01 Nov 2021 19:43

Instrument :

MSVOA_V

ClientSampleId :

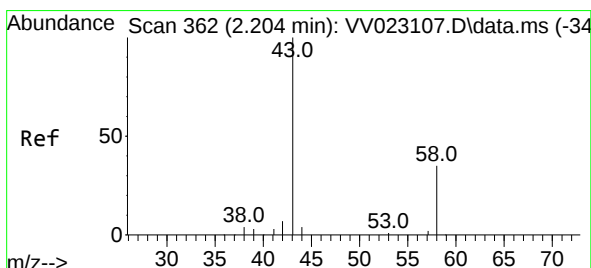
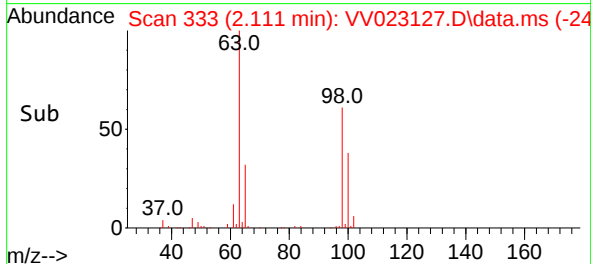
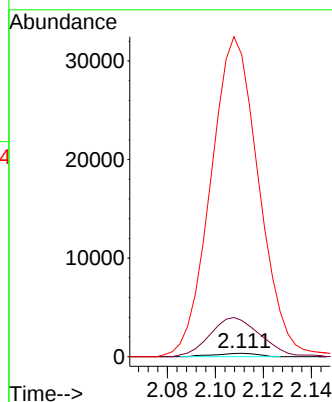
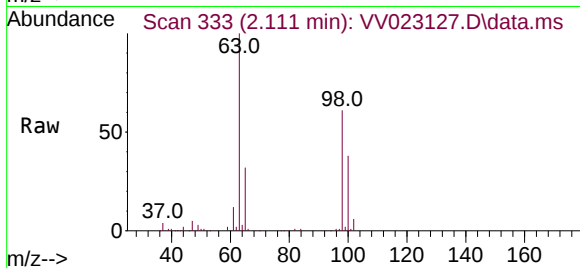
Tgt Ion: 96 Resp: 428

Ion Ratio Lower Upper

96 100

61 1054.4 121.5 225.7#

63 8786.2 99.6 185.0#



#13

Acetone

Concen: 2.618 ug/L

RT: 2.172 min Scan# 352

Delta R.T. -0.032 min

Lab File: VV023127.D

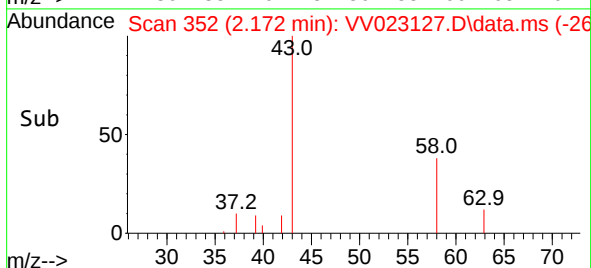
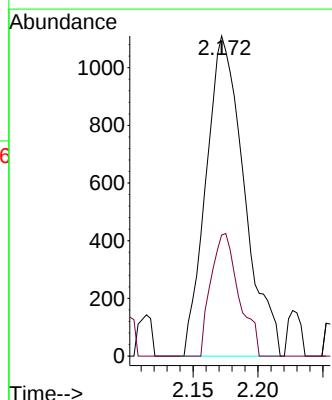
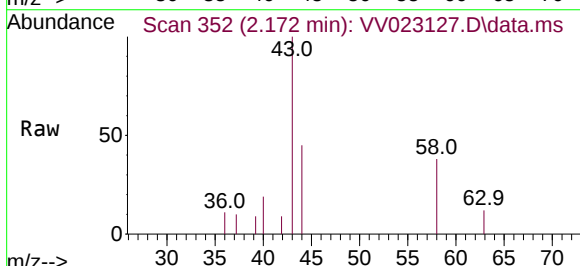
Acq: 01 Nov 2021 19:43

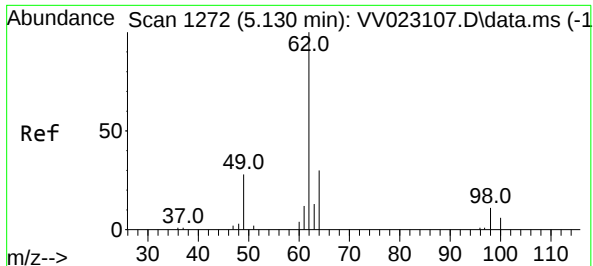
Tgt Ion: 43 Resp: 2262

Ion Ratio Lower Upper

43 100

58 28.2 0.0 55.4





#27

1,2-Dichloroethane

Concen: 0.113 ug/L

RT: 5.059 min Scan# 11

Delta R.T. -0.071 min

Lab File: VV023127.D

Acq: 01 Nov 2021 19:43

Instrument :

MSVOA_V

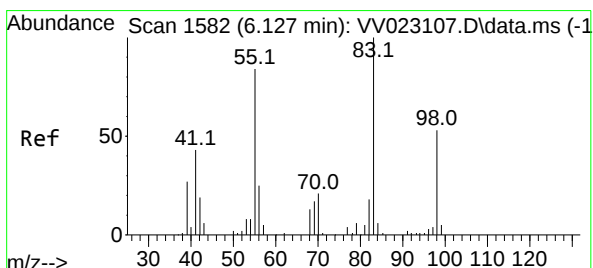
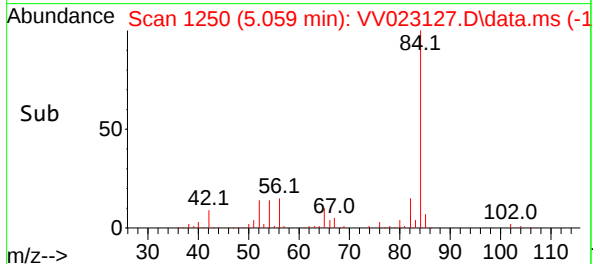
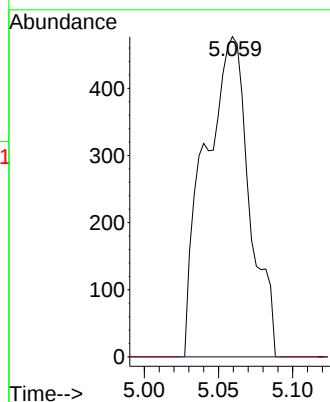
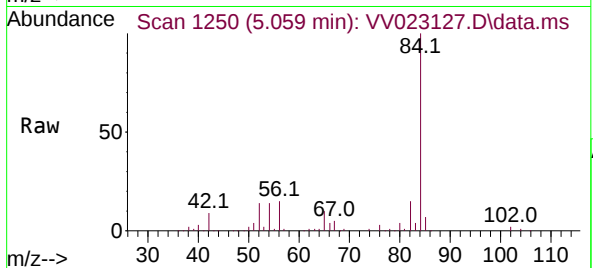
ClientSampleId :

Tgt Ion: 62 Resp: 995

Ion Ratio Lower Upper

62 100

98 0.0 8.2 12.4#



#35

Methylcyclohexane

Concen: 1.030 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.055 min

Lab File: VV023127.D

Acq: 01 Nov 2021 19:43

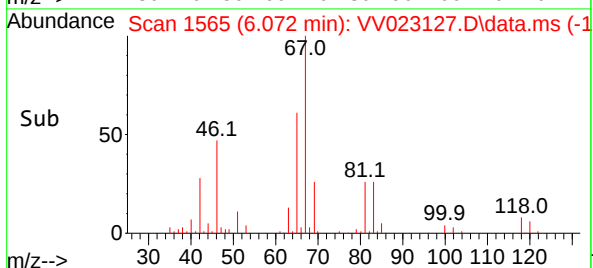
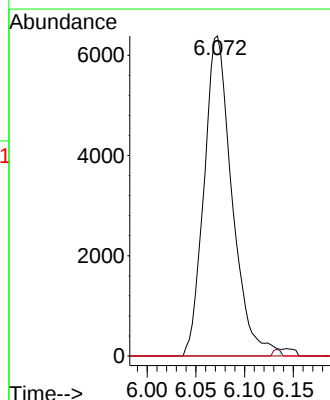
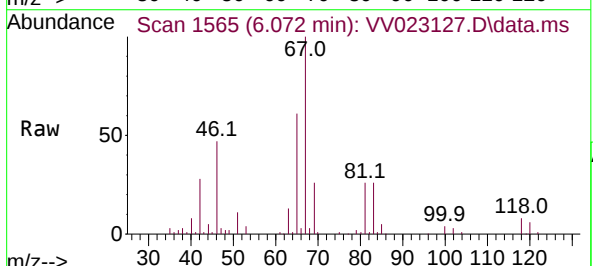
Tgt Ion: 83 Resp: 12751

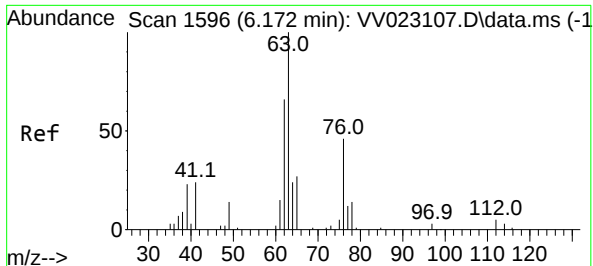
Ion Ratio Lower Upper

83 100

55 0.5 62.8 94.2#

98 0.2 37.9 56.9#





#37

1,2-Dichloropropane

Concen: 0.689 ug/L

RT: 6.072 min Scan# 1

Delta R.T. -0.100 min

Lab File: VV023127.D

Acq: 01 Nov 2021 19:43

Instrument :

MSVOA_V

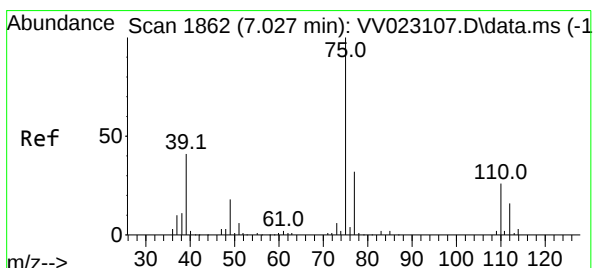
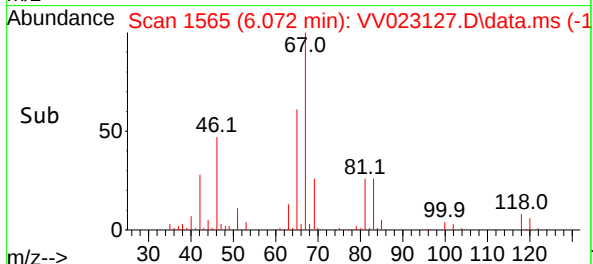
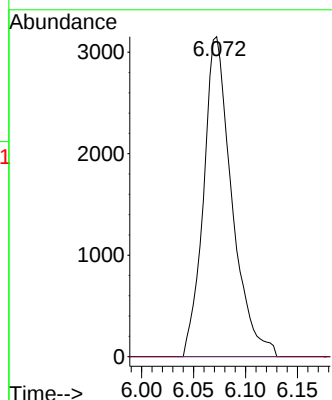
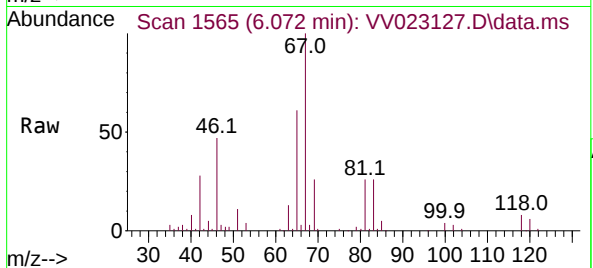
ClientSampleId :

Tgt Ion: 63 Resp: 5981

Ion Ratio Lower Upper

63 100

112 0.0 4.6 6.8#



#39

cis-1,3-Dichloropropene

Concen: 0.130 ug/L

RT: 6.985 min Scan# 1849

Delta R.T. -0.042 min

Lab File: VV023127.D

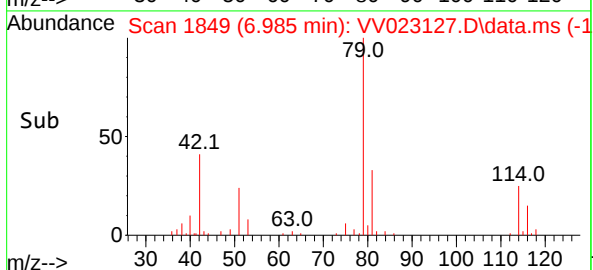
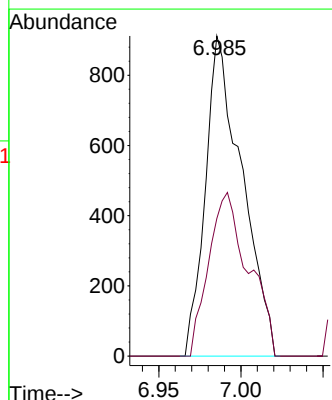
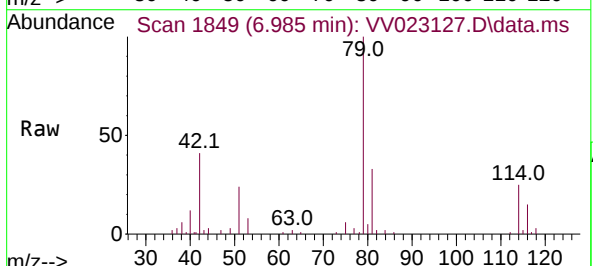
Acq: 01 Nov 2021 19:43

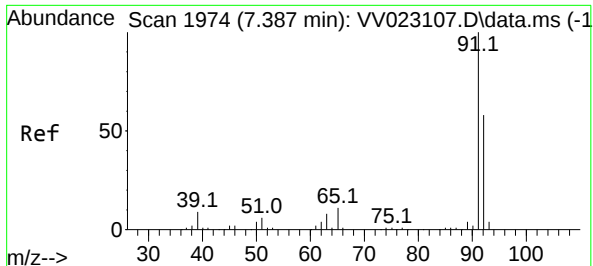
Tgt Ion: 75 Resp: 1409

Ion Ratio Lower Upper

75 100

77 43.0 21.6 40.2#





#42

Toluene

Concen: 0.088 ug/L

RT: 7.403 min Scan# 1974

Delta R.T. 0.016 min

Lab File: VV023127.D

Acq: 01 Nov 2021 19:43

Instrument :

MSVOA_V

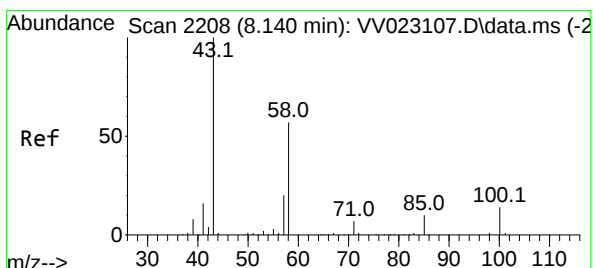
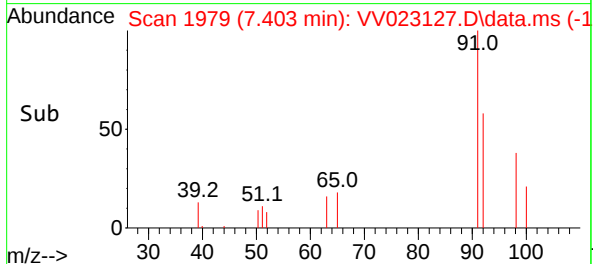
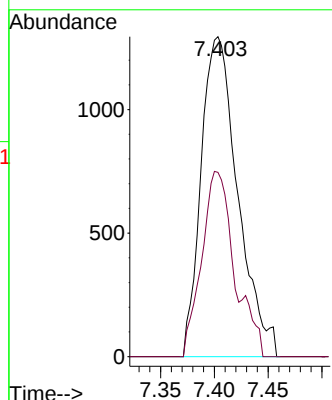
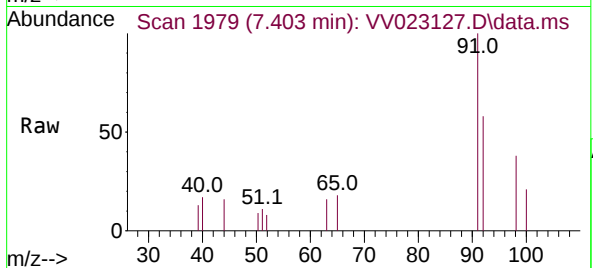
ClientSampleId :

Tgt Ion: 91 Resp: 3076

Ion Ratio Lower Upper

91 100

92 57.6 39.3 72.9



#48

2-Hexanone

Concen: 2.746 ug/L

RT: 8.088 min Scan# 2192

Delta R.T. -0.052 min

Lab File: VV023127.D

Acq: 01 Nov 2021 19:43

Tgt Ion: 43 Resp: 8328

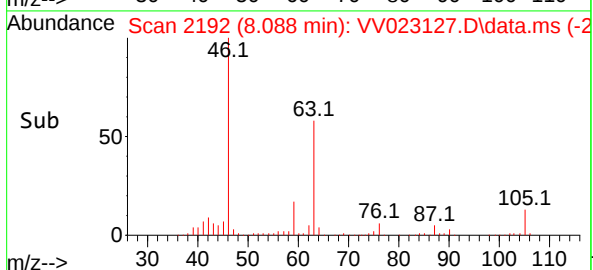
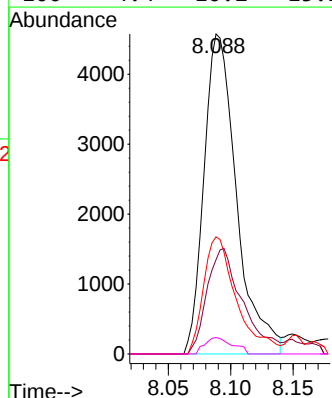
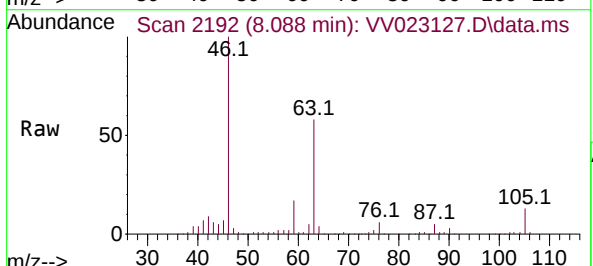
Ion Ratio Lower Upper

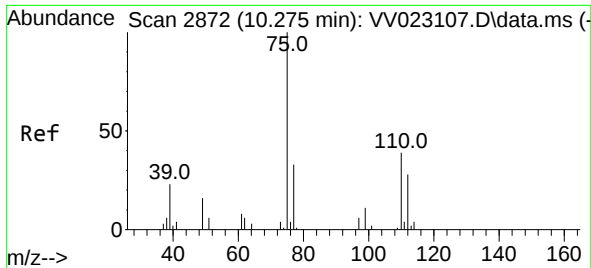
43 100

58 36.2 43.7 65.5#

57 37.1 14.1 21.1#

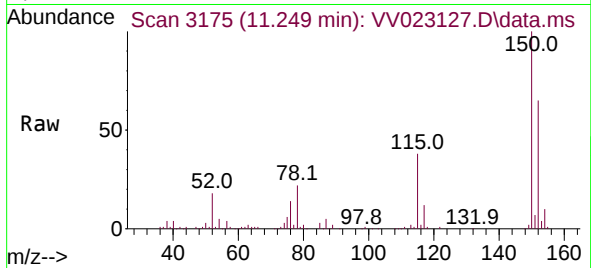
100 4.4 10.2 15.2#





#61
 1,2,3-Trichloropropane
 Concen: 1.528 ug/L
 RT: 11.249 min Scan# 31
 Delta R.T. 0.974 min
 Lab File: VV023127.D
 Acq: 01 Nov 2021 19:43

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 75 Resp: 6408
 Ion Ratio Lower Upper
 75 100
 77 32.8 26.6 39.8
 110 2.6 31.8 47.6#

