

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110123\
 Data File : VU056051.D
 Acq On : 01 Nov 2023 19:55
 Operator : MD/SY
 Sample : 05052-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

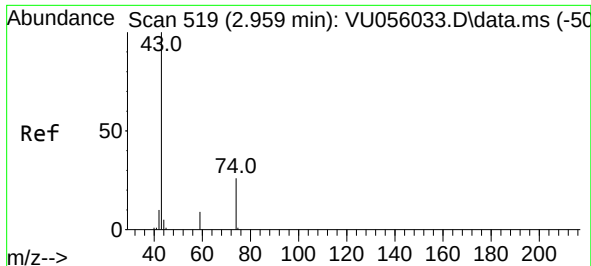
Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 02 02:12:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102423WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 02 02:08:05 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	325939	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	317589	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	142524	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	70792	2.746	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	55.000%
7) Chloroethane-d5	1.914	69	71199	3.543	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	70.800%
11) 1,1-Dichloroethene-d2	2.567	65	33771	3.085	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.800%
20) 2-Butanone-d5	4.631	46	257687	56.022	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.040%
24) Chloroform-d	5.059	84	201228	4.212	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.200%
26) 1,2-Dichloroethane-d4	5.698	65	101116	4.344	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.800%
32) Benzene-d6	5.724	84	383359	4.052	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.000%
36) 1,2-Dichloropropane-d6	6.689	67	126540	4.512	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.200%
41) Toluene-d8	7.894	98	311453	3.629	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.600%
43) trans-1,3-Dichloroprop...	8.177	79	41595	3.792	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.800%
46) 2-Hexanone-d5	8.631	63	197868	71.065	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	142.120%#
56) 1,1,2,2-Tetrachloroeth...	10.753	84	100132	4.903	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.000%
66) 1,2-Dichlorobenzene-d4	12.190	152	114598	4.310	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.200%
Target Compounds						Qvalue
15) Methyl Acetate	2.953	43	1227	0.230	ug/L #	50
17) Methyl tert-butyl Ether	3.361	73	9219	0.240	ug/L #	91
21) 2-Butanone	4.811	43	41011	10.643	ug/L #	46
35) Methylcyclohexane	6.686	83	31448	1.188	ug/L #	18
37) 1,2-Dichloropropane	6.686	63	12875	0.692	ug/L #	89
47) Tetrachloroethene	8.550	164	10627	0.774	ug/L	94
48) 2-Hexanone	8.689	43	21515	3.050	ug/L #	85
49) Dibromochloromethane	8.550	129	9950	0.693	ug/L #	11
61) 1,2,3-Trichloropropane	11.807	75	16547	1.691	ug/L #	67

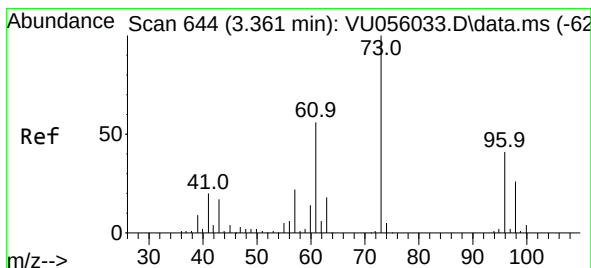
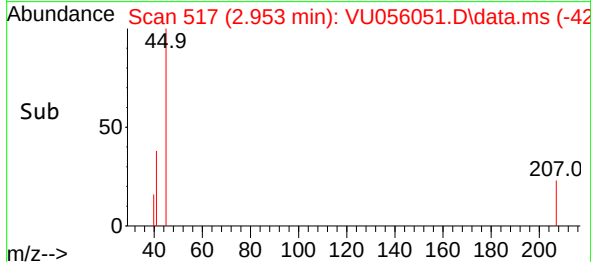
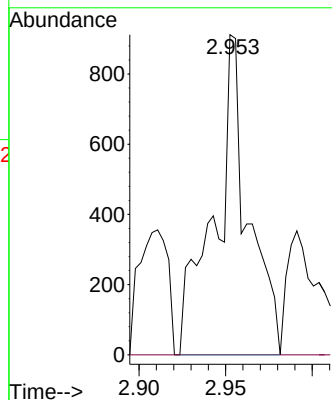
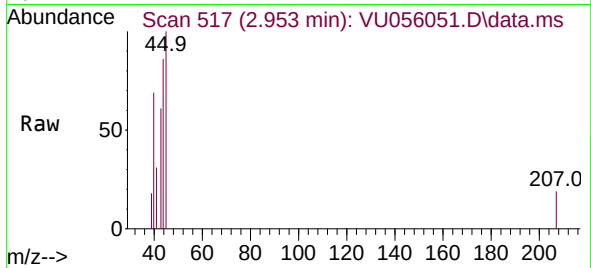
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#15
Methyl Acetate
Concen: 0.230 ug/L
RT: 2.953 min Scan# 517
Delta R.T. -0.006 min
Lab File: VU056051.D
Acq: 01 Nov 2023 19:55

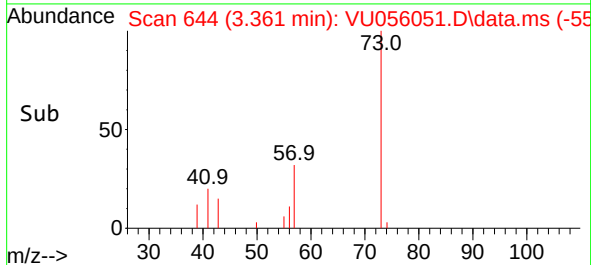
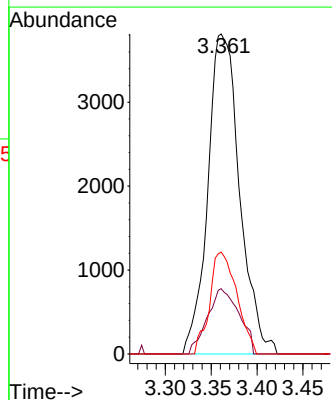
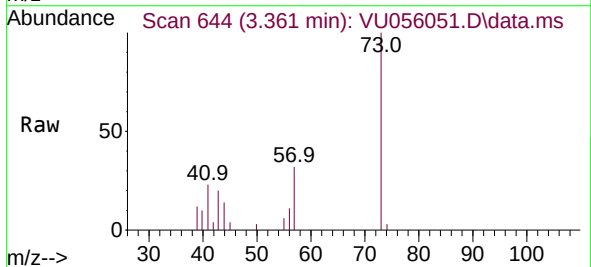
Instrument :
MSVOA_U
ClientSampleId :

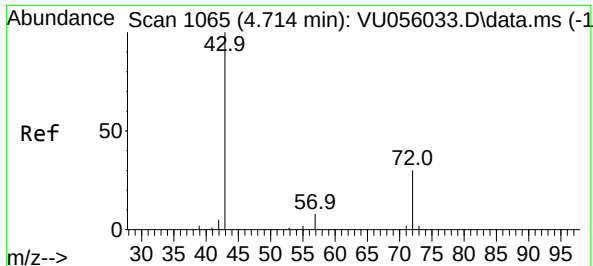
Tgt Ion: 43 Resp: 1227
Ion Ratio Lower Upper
43 100
74 0.0 19.9 29.9#



#17
Methyl tert-butyl Ether
Concen: 0.240 ug/L
RT: 3.361 min Scan# 644
Delta R.T. 0.000 min
Lab File: VU056051.D
Acq: 01 Nov 2023 19:55

Tgt Ion: 73 Resp: 9219
Ion Ratio Lower Upper
73 100
43 20.3 14.4 21.6
57 27.1 17.0 25.4#





#21

2-Butanone

Concen: 10.643 ug/L

RT: 4.811 min Scan# 1095

Delta R.T. 0.097 min

Lab File: VU056051.D

Acq: 01 Nov 2023 19:55

Instrument :

MSVOA_U

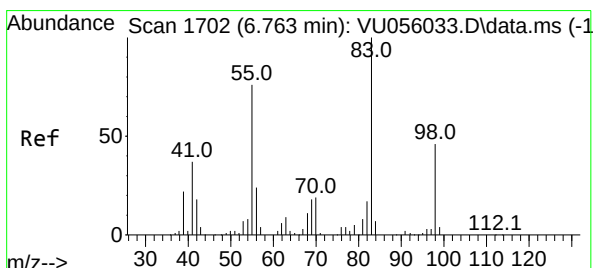
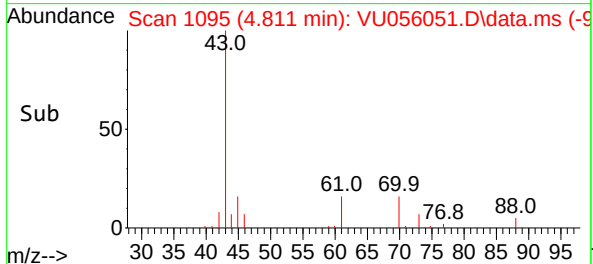
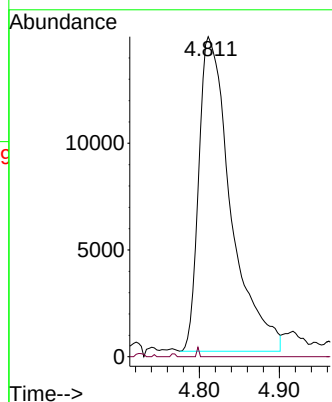
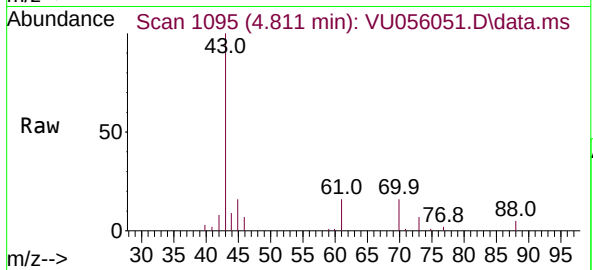
ClientSampleId :

Tgt Ion: 43 Resp: 41011

Ion Ratio Lower Upper

43 100

72 0.2 14.4 43.4#



#35

Methylcyclohexane

Concen: 1.188 ug/L

RT: 6.686 min Scan# 1678

Delta R.T. -0.077 min

Lab File: VU056051.D

Acq: 01 Nov 2023 19:55

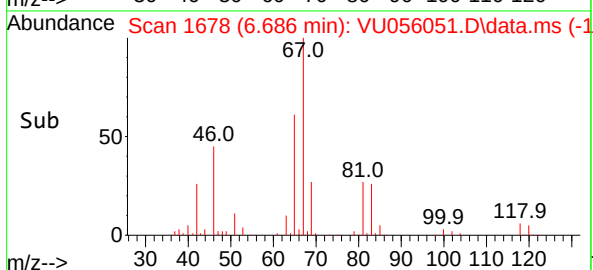
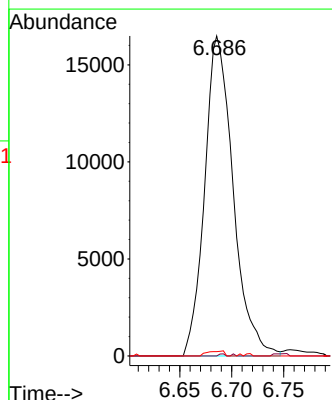
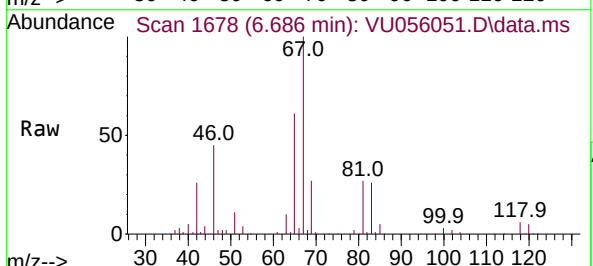
Tgt Ion: 83 Resp: 31448

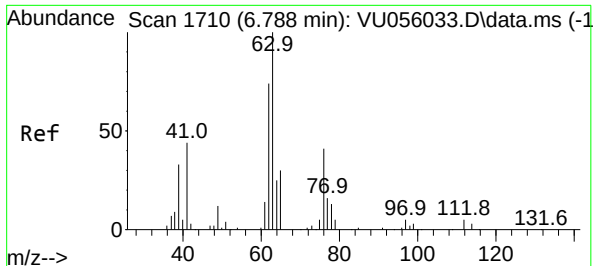
Ion Ratio Lower Upper

83 100

55 0.1 62.4 93.6#

98 0.9 37.4 56.2#





#37

1,2-Dichloropropane

Concen: 0.692 ug/L

RT: 6.686 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU056051.D

Acq: 01 Nov 2023 19:55

Instrument :

MSVOA_U

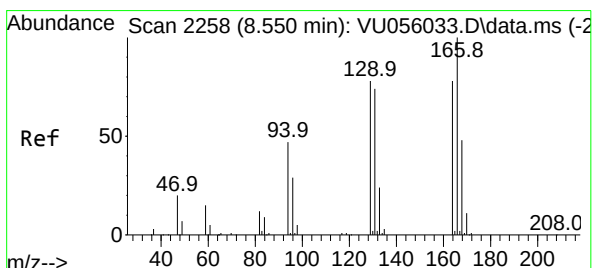
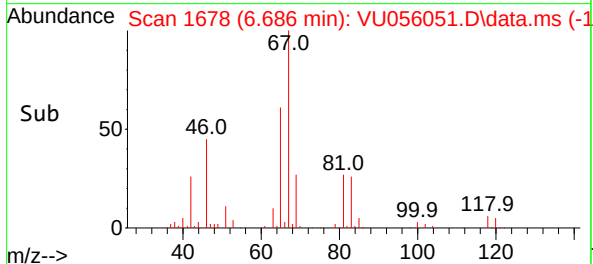
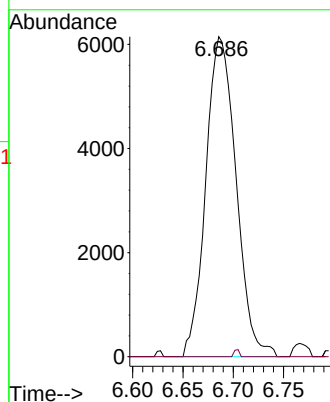
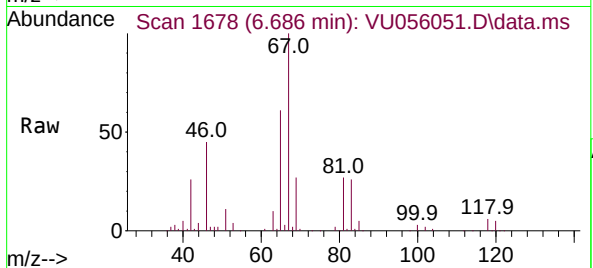
ClientSampleId :

Tgt Ion: 63 Resp: 12875

Ion Ratio Lower Upper

63 100

112 0.4 3.1 4.7#



#47

Tetrachloroethene

Concen: 0.774 ug/L

RT: 8.550 min Scan# 2258

Delta R.T. 0.000 min

Lab File: VU056051.D

Acq: 01 Nov 2023 19:55

Tgt Ion:164 Resp: 10627

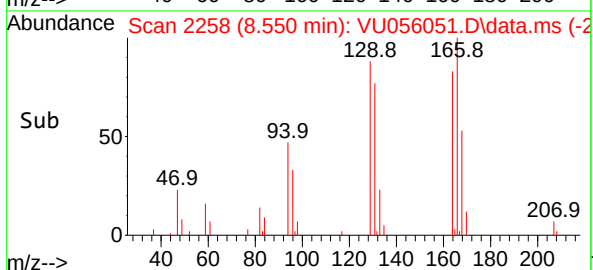
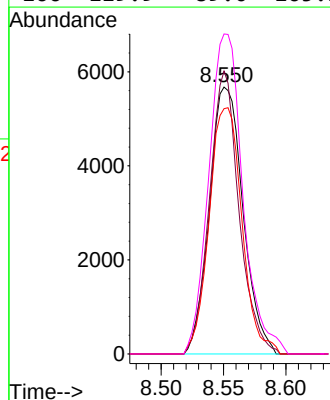
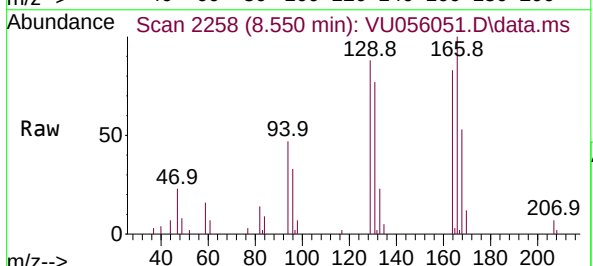
Ion Ratio Lower Upper

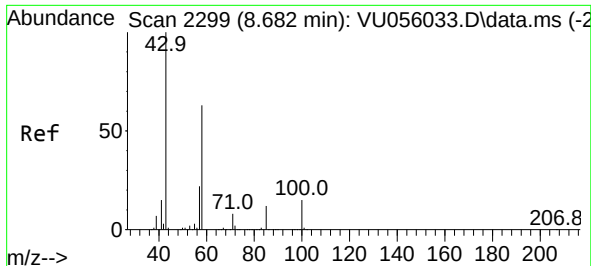
164 100

129 106.0 72.2 134.0

131 91.9 70.8 131.6

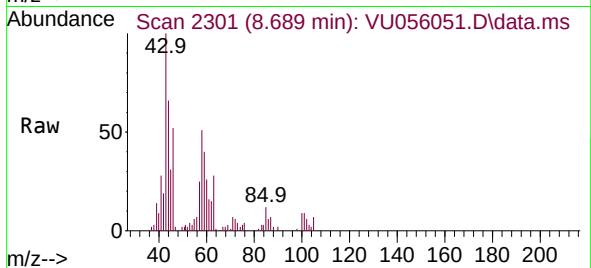
166 119.9 89.0 165.2



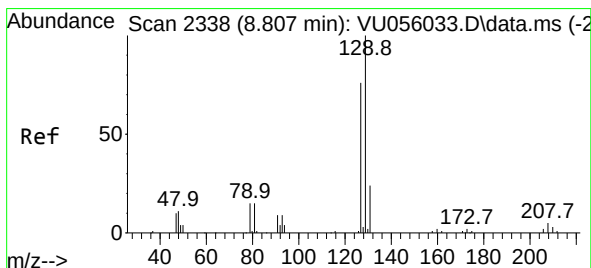
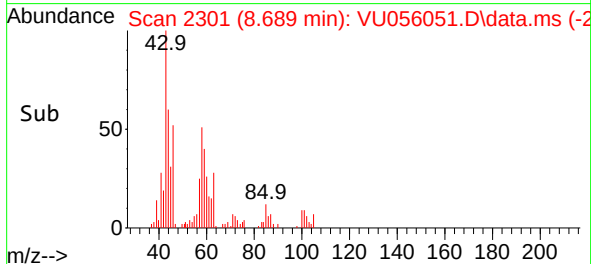
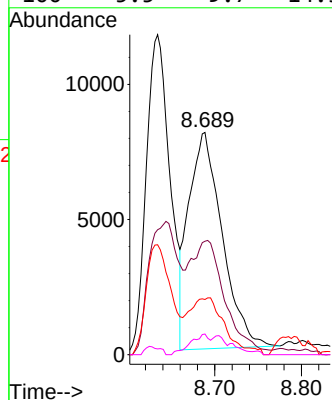


#48
2-Hexanone
Concen: 3.050 ug/L
RT: 8.689 min Scan# 21515
Delta R.T. 0.007 min
Lab File: VU056051.D
Acq: 01 Nov 2023 19:55

Instrument :
MSVOA_U
ClientSampleId :

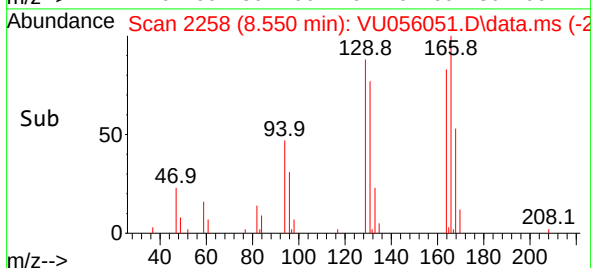
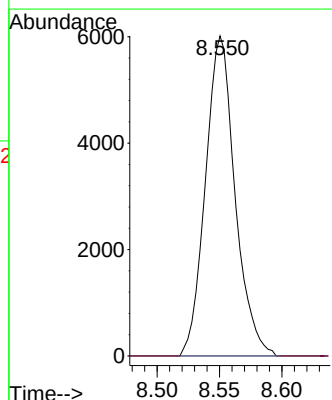
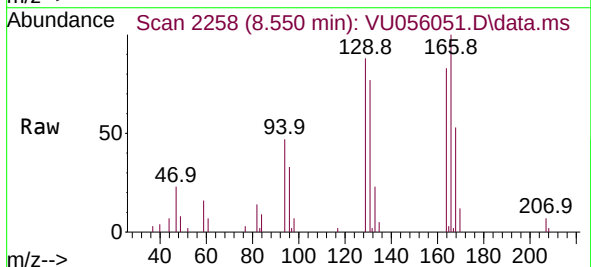


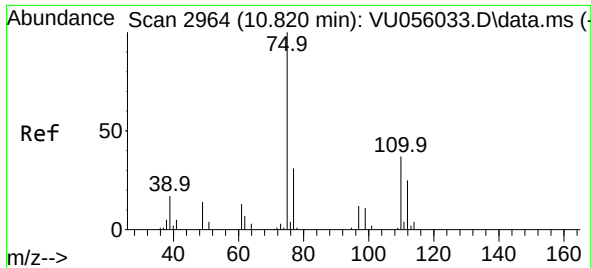
Tgt Ion: 43 Resp: 21515
Ion Ratio Lower Upper
43 100
58 50.8 49.5 74.3
57 27.9 16.9 25.3#
100 5.5 9.7 14.5#



#49
Dibromochloromethane
Concen: 0.693 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.257 min
Lab File: VU056051.D
Acq: 01 Nov 2023 19:55

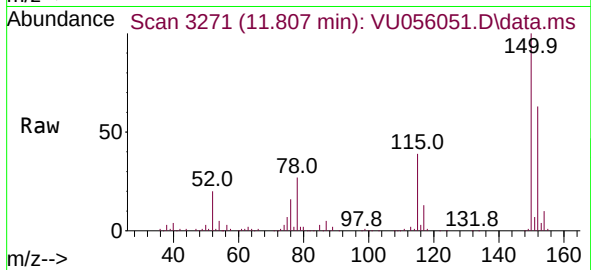
Tgt Ion: 129 Resp: 9950
Ion Ratio Lower Upper
129 100
127 0.0 53.5 99.5#





#61
 1,2,3-Trichloropropane
 Concen: 1.691 ug/L
 RT: 11.807 min Scan# 31
 Delta R.T. 0.987 min
 Lab File: VU056051.D
 Acq: 01 Nov 2023 19:55

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 75 Resp: 16547
 Ion Ratio Lower Upper
 75 100
 110 0.9 29.0 43.6#
 77 31.0 24.5 36.7

