

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX102521\
 Data File : VX024930.D
 Acq On : 25 Oct 2021 23:21
 Operator : JC/MD
 Sample : M4318-08
 Misc : 25.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

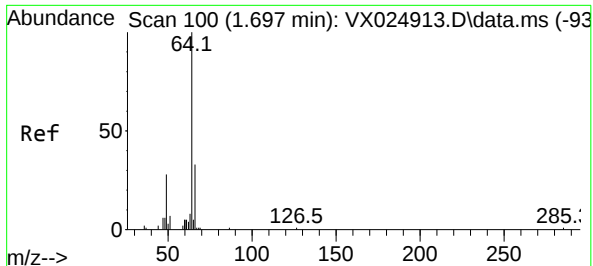
Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Oct 26 01:28:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXTR102221WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 26 01:24:18 2021
 Response via : Initial Calibration

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

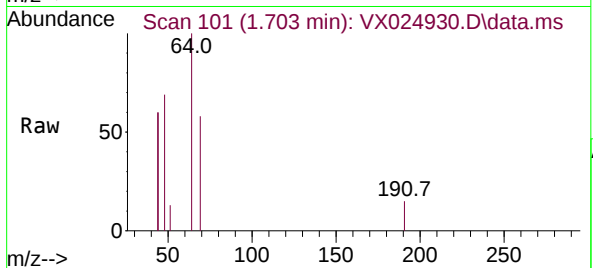
Internal Standards						
1) 1,4-Difluorobenzene	6.769	114	76066	5.000	ug/L	0.00
28) Chlorobenzene-d5	10.061	117	73001	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	33969	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	7915	3.544	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	70.800%
7) Chloroethane-d5	1.672	69	7891	3.922	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.400%
11) 1,1-Dichloroethene-d2	2.312	63	23018	2.765	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	55.400%#
20) 2-Butanone-d5	4.483	46	39856	48.816	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.640%
24) Chloroform-d	5.068	84	47662	4.433	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.600%
26) 1,2-Dichloroethane-d4	5.964	65	25353	4.315	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.200%
32) Benzene-d6	5.989	84	74534	4.382	ug/L	0.01
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.600%
36) 1,2-Dichloropropane-d6	7.318	67	22747	4.192	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.800%
41) Toluene-d8	8.653	98	68639	4.025	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.400%
43) trans-1,3-Dichloroprop...	8.958	79	9468	3.801	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.000%
46) 2-Hexanone-d5	9.390	63	39487	44.049	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.100%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	18100	4.364	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.200%
66) 1,2-Dichlorobenzene-d4	12.323	152	24237	4.234	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.600%
Target Compounds						Qvalue
8) Chloroethane	1.703	64	563	0.252	ug/L #	42
21) 2-Butanone	4.733	43	6142	6.819	ug/L #	38
34) Trichloroethene	7.129	95	7352	1.058	ug/L	95
35) Methylcyclohexane	7.318	83	6606	0.680	ug/L #	23
37) 1,2-Dichloropropane	7.318	63	2888	0.554	ug/L #	90
39) cis-1,3-Dichloropropene	8.330	75	799	0.091	ug/L #	78
42) Toluene	8.720	91	1808	0.072	ug/L	90
48) 2-Hexanone	9.384	43	4074	2.403	ug/L #	68
61) 1,2,3-Trichloropropane	12.024	75	3589	1.083	ug/L #	61

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

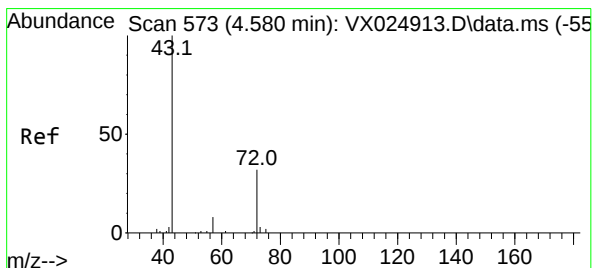
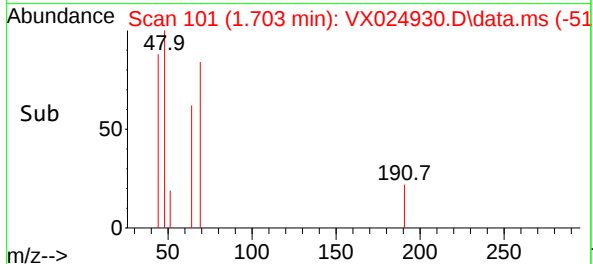
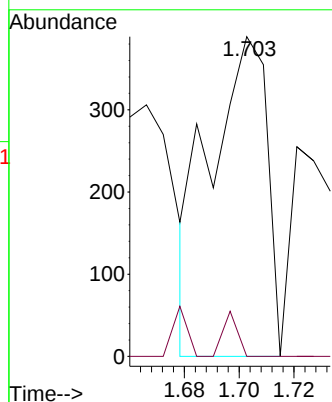


#8
Chloroethane
Concen: 0.252 ug/L
RT: 1.703 min Scan# 101
Delta R.T. 0.006 min
Lab File: VX024930.D
Acq: 25 Oct 2021 23:21

Instrument :
MSVOA_X
ClientSampleId :

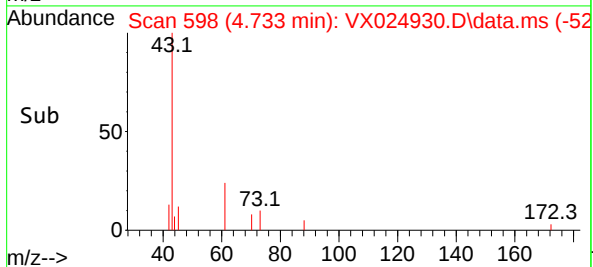
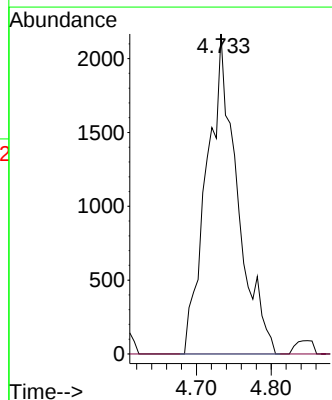
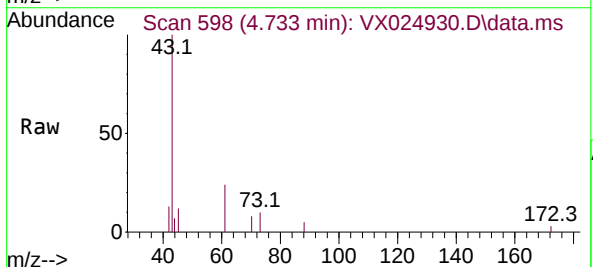


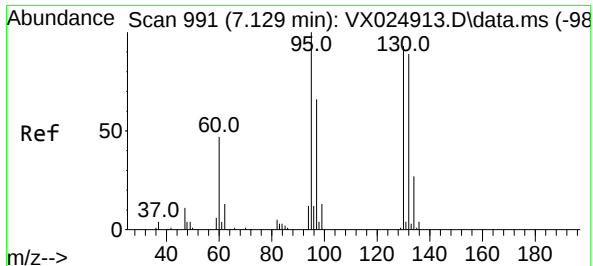
Tgt Ion: 64 Resp: 563
Ion Ratio Lower Upper
64 100
66 0.0 22.6 42.0#



#21
2-Butanone
Concen: 6.819 ug/L
RT: 4.733 min Scan# 598
Delta R.T. 0.152 min
Lab File: VX024930.D
Acq: 25 Oct 2021 23:21

Tgt Ion: 43 Resp: 6142
Ion Ratio Lower Upper
43 100
72 0.7 18.9 56.9#





#34

Trichloroethene

Concen: 1.058 ug/L

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

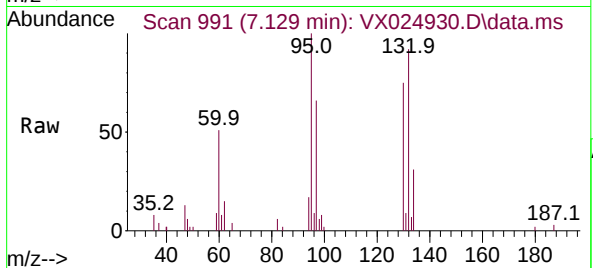
Lab File: VX024930.D

Acq: 25 Oct 2021 23:21

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 95 Resp: 7352

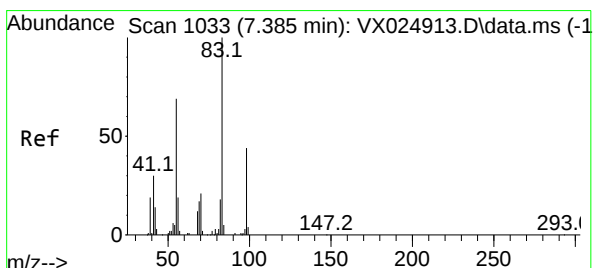
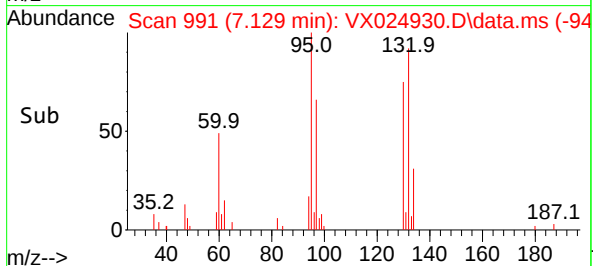
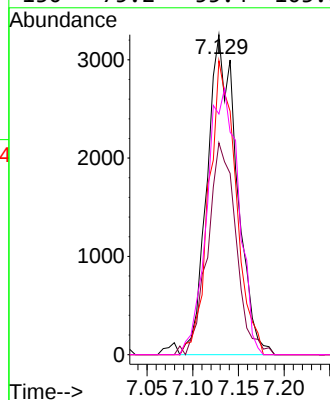
Ion Ratio Lower Upper

95 100

97 66.2 46.6 86.6

132 91.9 58.4 108.6

130 75.2 55.4 103.0



#35

Methylcyclohexane

Concen: 0.680 ug/L

RT: 7.318 min Scan# 1022

Delta R.T. -0.067 min

Lab File: VX024930.D

Acq: 25 Oct 2021 23:21

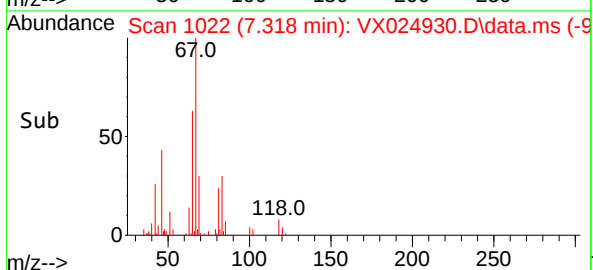
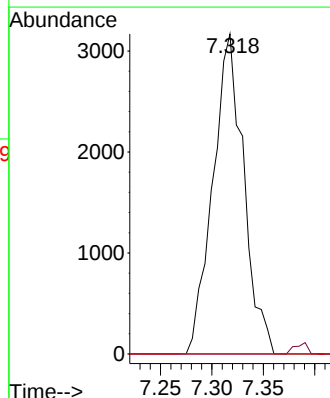
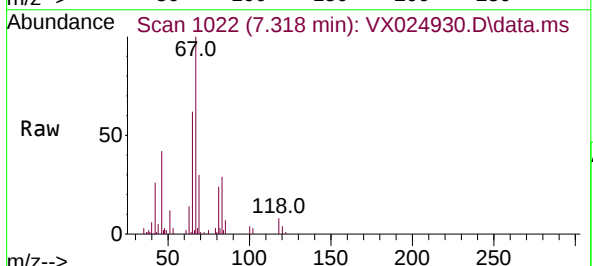
Tgt Ion: 83 Resp: 6606

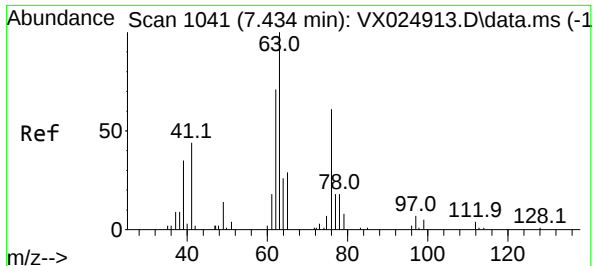
Ion Ratio Lower Upper

83 100

55 1.4 55.7 83.5#

98 3.0 38.3 57.5#





#37

1,2-Dichloropropane

Concen: 0.554 ug/L

RT: 7.318 min Scan# 1188

Delta R.T. -0.116 min

Lab File: VX024930.D

Acq: 25 Oct 2021 23:21

Instrument :

MSVOA_X

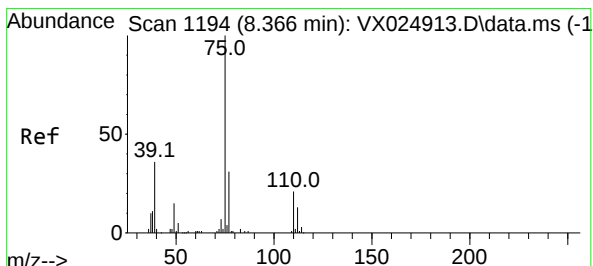
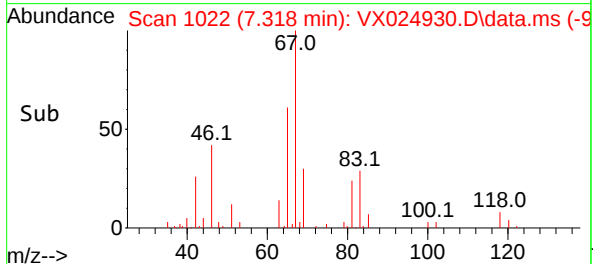
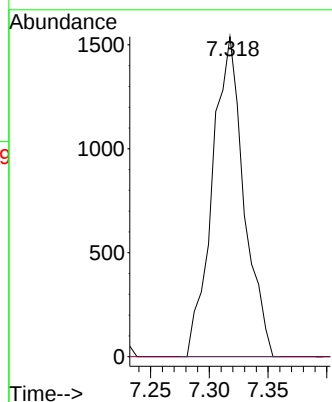
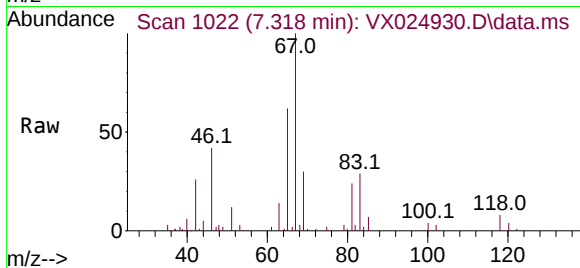
ClientSampleId :

Tgt Ion: 63 Resp: 2888

Ion Ratio Lower Upper

63 100

112 1.0 3.5 5.3#



#39

cis-1,3-Dichloropropene

Concen: 0.091 ug/L

RT: 8.330 min Scan# 1188

Delta R.T. -0.037 min

Lab File: VX024930.D

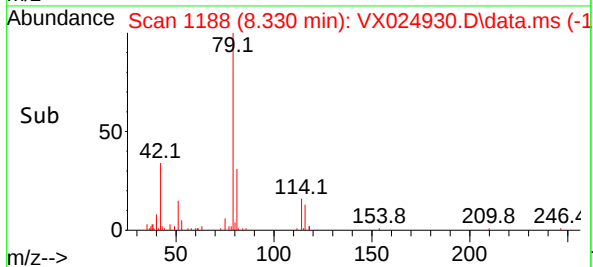
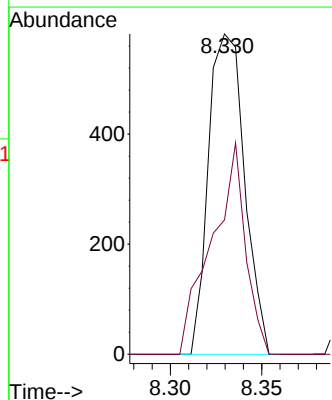
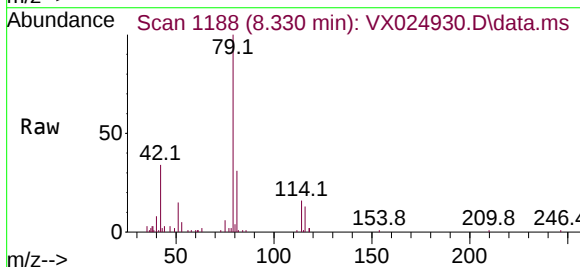
Acq: 25 Oct 2021 23:21

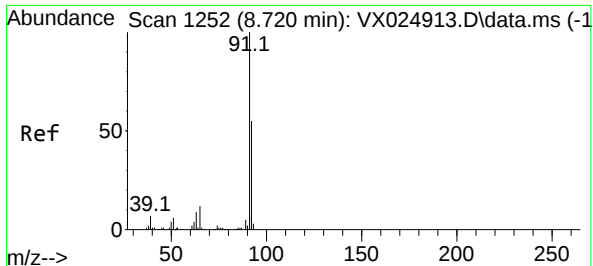
Tgt Ion: 75 Resp: 799

Ion Ratio Lower Upper

75 100

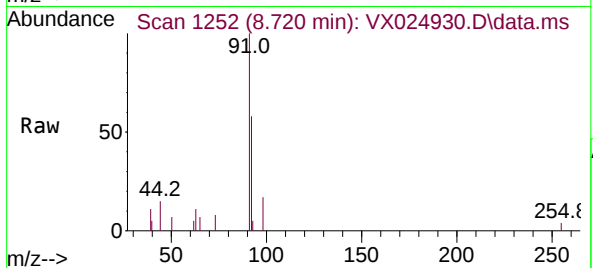
77 41.9 20.9 38.9#



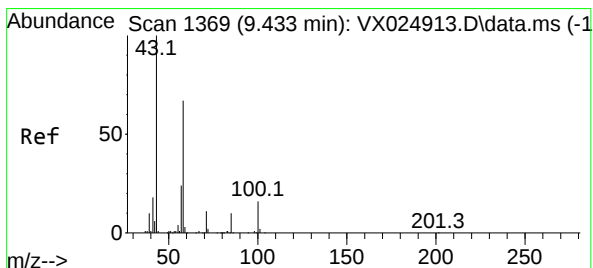
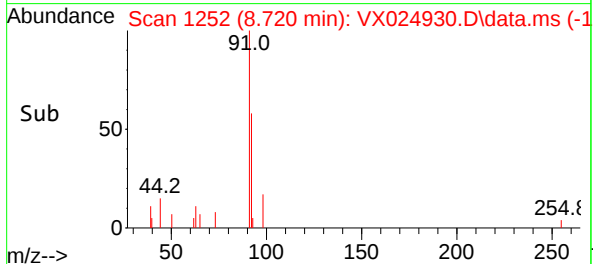
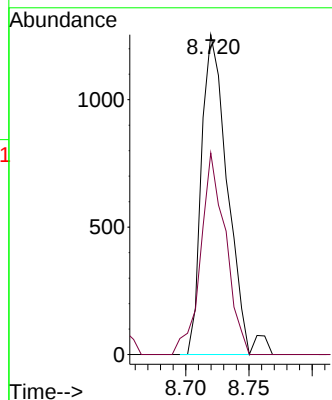


#42
Toluene
Concen: 0.072 ug/L
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX024930.D
Acq: 25 Oct 2021 23:21

Instrument :
MSVOA_X
ClientSampleId :

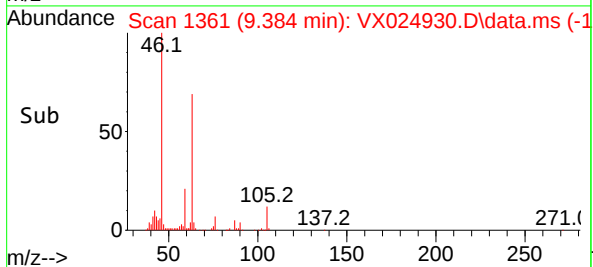
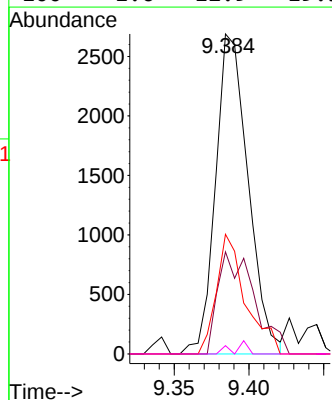
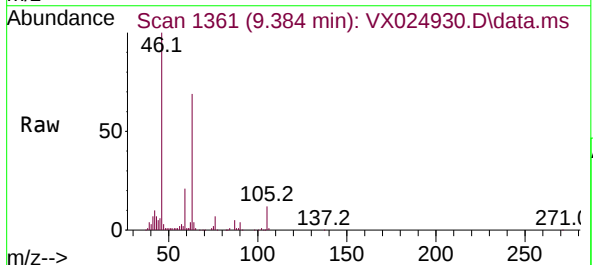


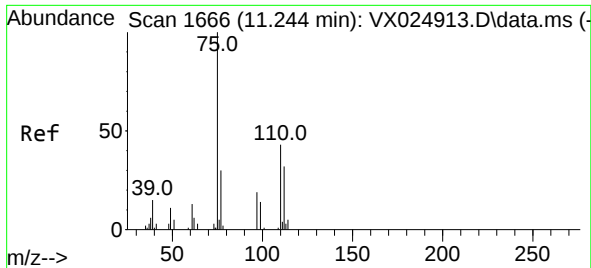
Tgt Ion: 91 Resp: 1808
Ion Ratio Lower Upper
91 100
92 63.0 39.1 72.5



#48
2-Hexanone
Concen: 2.403 ug/L
RT: 9.384 min Scan# 1361
Delta R.T. -0.049 min
Lab File: VX024930.D
Acq: 25 Oct 2021 23:21

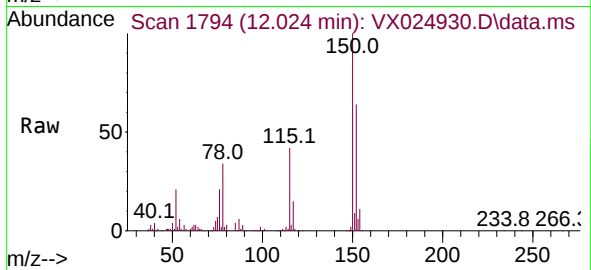
Tgt Ion: 43 Resp: 4074
Ion Ratio Lower Upper
43 100
58 35.6 52.7 79.1#
57 33.4 21.2 31.8#
100 1.6 12.9 19.3#





#61
 1,2,3-Trichloropropane
 Concen: 1.083 ug/L
 RT: 12.024 min Scan# 11
 Delta R.T. 0.780 min
 Lab File: VX024930.D
 Acq: 25 Oct 2021 23:21

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 3589
 Ion Ratio Lower Upper
 75 100
 77 43.5 28.1 42.1#
 110 5.5 34.7 52.1#

