

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122123\
 Data File : VX039427.D
 Acq On : 21 Dec 2023 14:18
 Operator : JC/MD
 Sample : 05807-05RE
 Misc : 3.19g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 22 00:45:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML120523WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 22 00:41:09 2023
 Response via : Initial Calibration

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

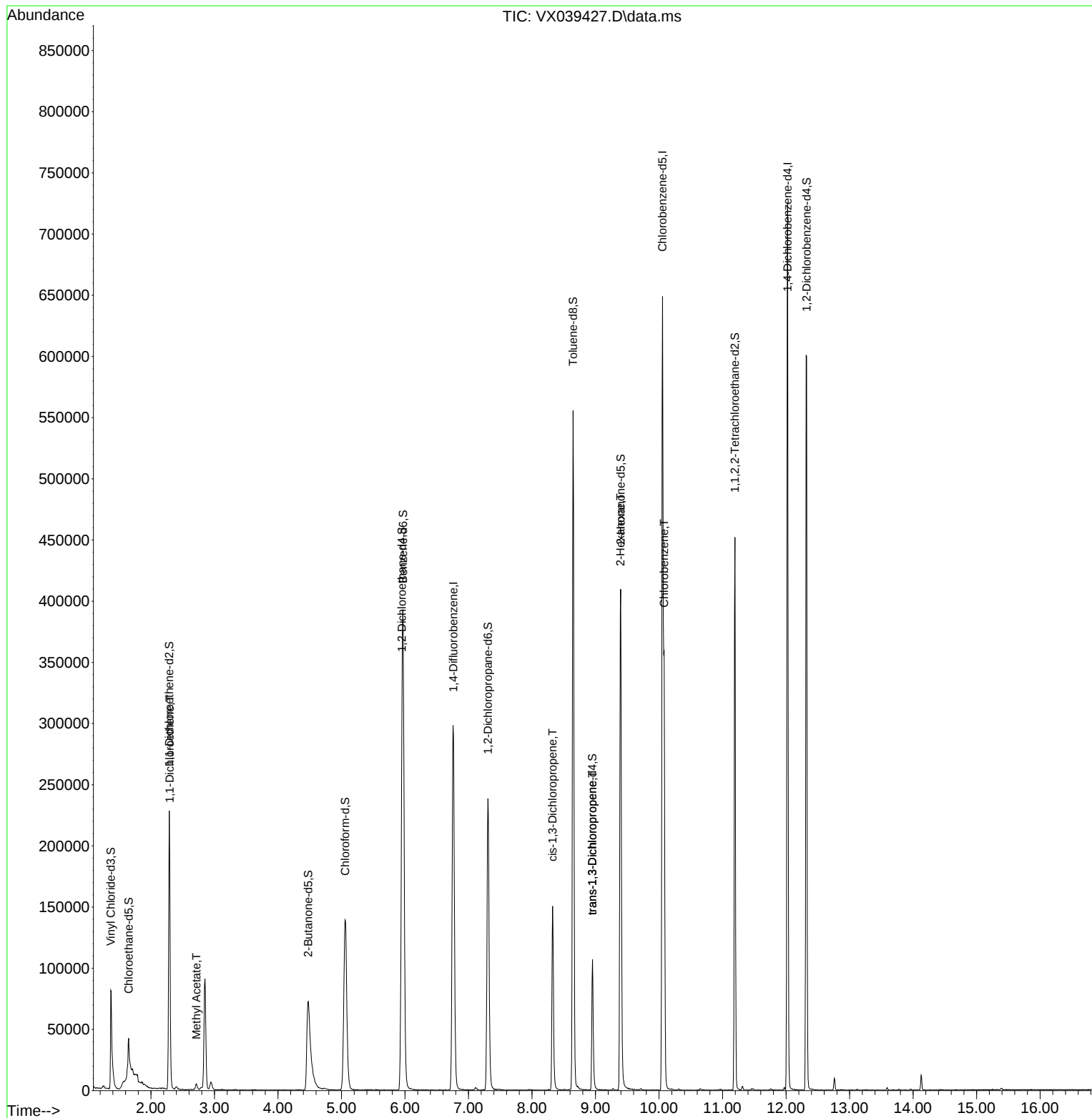
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	300288	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	275279	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	136550	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	82787	35.149	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	70.300%
7) Chloroethane-d5	1.648	69	34357	19.735	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	39.480%#
11) 1,1-Dichloroethene-d2	2.288	65	42137	40.756	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.520%
21) 2-Butanone-d5	4.477	46	194464	91.212	ug/L	0.04
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.210%
24) Chloroform-d	5.056	84	178879	42.903	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.800%
26) 1,2-Dichloroethane-d4	5.952	65	132084	48.916	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.840%
32) Benzene-d6	5.970	84	368289	43.350	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.700%
36) 1,2-Dichloropropane-d6	7.306	67	123855	45.301	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.600%
41) Toluene-d8	8.647	98	323531	42.022	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.040%
43) trans-1,3-Dichloroprop...	8.952	79	52294	37.586	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.180%
47) 2-Hexanone-d5	9.397	63	141158	86.442	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	86.440%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	174325	44.946	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.900%
66) 1,2-Dichlorobenzene-d4	12.323	152	116241	45.036	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.080%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.294	96	1052	0.544	ug/L #	1
15) Methyl Acetate	2.715	43	6562	2.241	ug/L	94
39) cis-1,3-Dichloropropene	8.324	75	4127	1.067	ug/L #	66
44) trans-1,3-Dichloropropene	8.952	75	2616	0.729	ug/L	90
48) 2-Hexanone	9.391	43	18104	5.320	ug/L #	67
51) Chlorobenzene	10.079	112	138828	24.227	ug/L	97

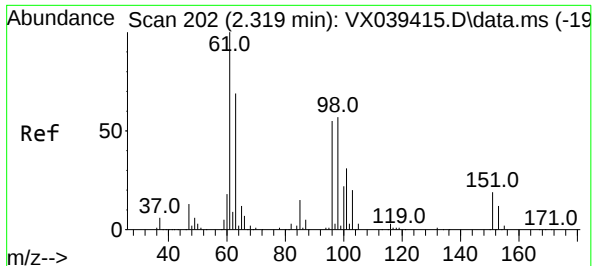
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
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Quant Time: Dec 22 00:45:02 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM120523WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 22 00:41:09 2023
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.544 ug/L

RT: 2.294 min Scan# 19

Delta R.T. -0.024 min

Lab File: VX039427.D

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Instrument :

MSVOA_X

ClientSampleId :

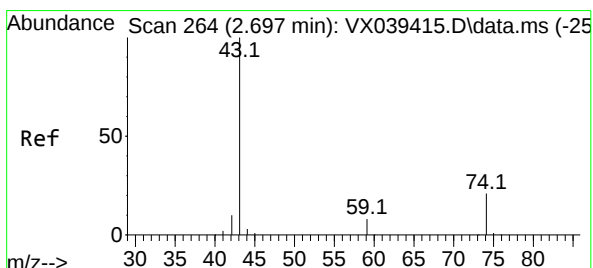
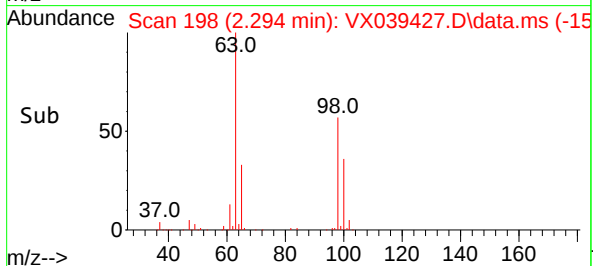
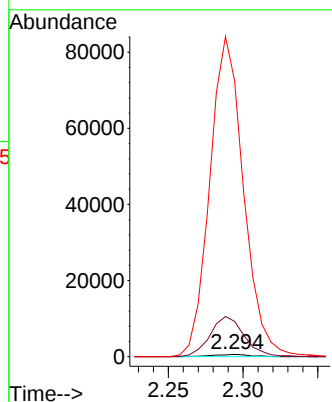
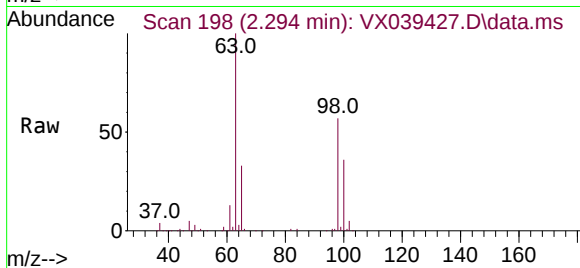
Tgt Ion: 96 Resp: 1052

Ion Ratio Lower Upper

96 100

61 1547.4 128.0 237.6#

63 12067.9 101.5 188.5#



#15

Methyl Acetate

Concen: 2.241 ug/L

RT: 2.715 min Scan# 267

Delta R.T. 0.018 min

Lab File: VX039427.D

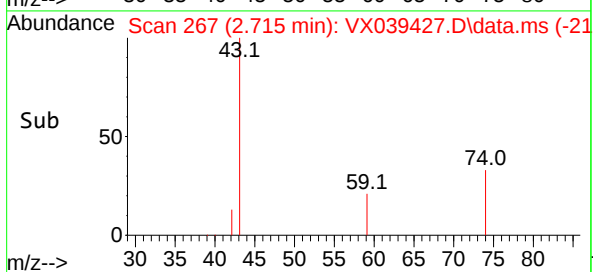
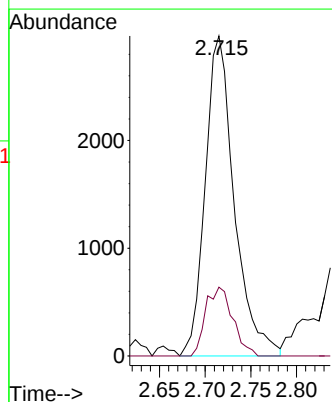
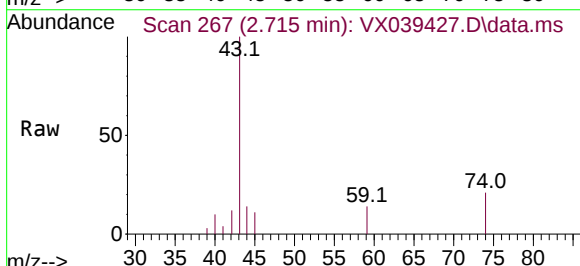
Acq: 21 Dec 2023 14:18

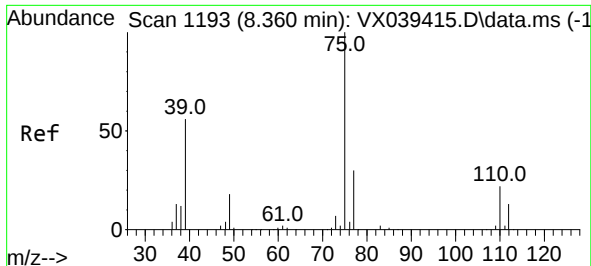
Tgt Ion: 43 Resp: 6562

Ion Ratio Lower Upper

43 100

74 20.1 18.2 27.4





#39

cis-1,3-Dichloropropene

Concen: 1.067 ug/L

RT: 8.324 min Scan# 1193

Delta R.T. -0.036 min

Lab File: VX039427.D

Acq: 21 Dec 2023 14:18

Instrument :

MSVOA_X

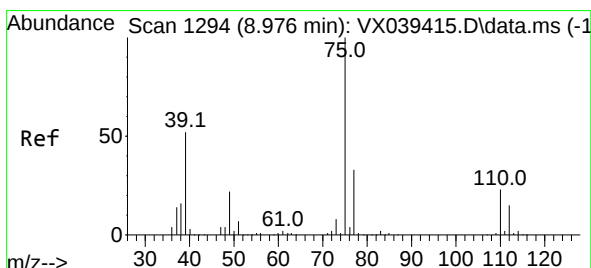
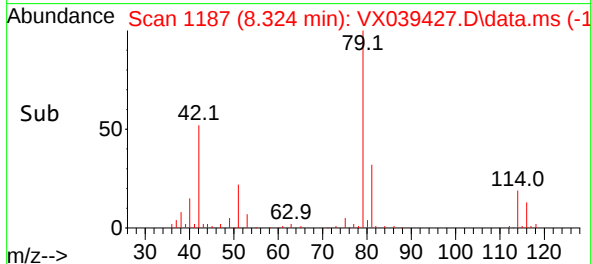
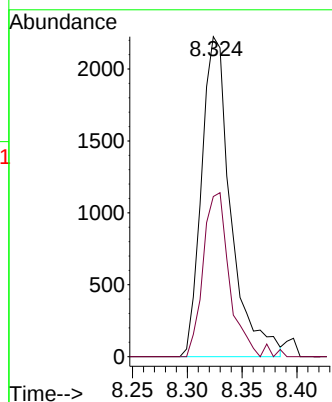
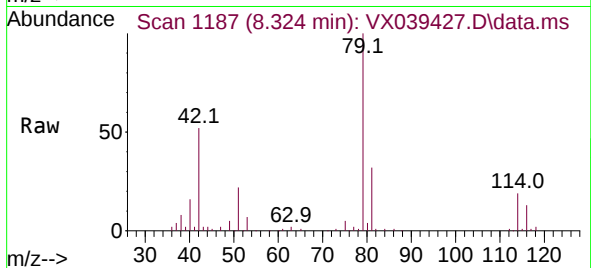
ClientSampleId :

Tgt Ion: 75 Resp: 4127

Ion Ratio Lower Upper

75 100

77 50.1 22.0 40.8#



#44

trans-1,3-Dichloropropene

Concen: 0.729 ug/L

RT: 8.952 min Scan# 1290

Delta R.T. -0.024 min

Lab File: VX039427.D

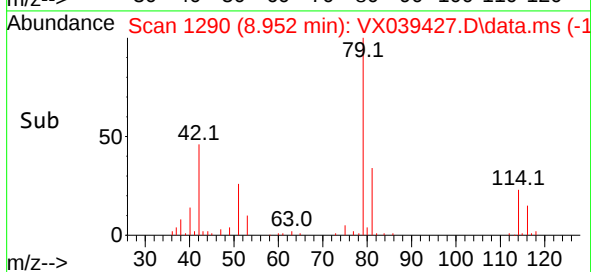
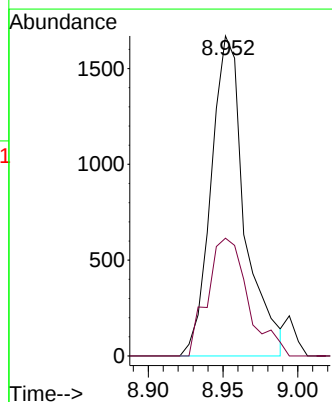
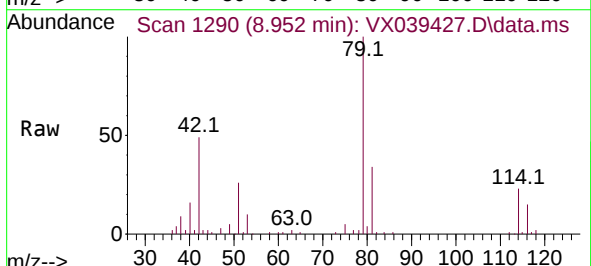
Acq: 21 Dec 2023 14:18

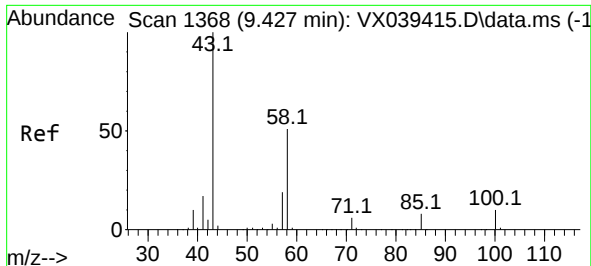
Tgt Ion: 75 Resp: 2616

Ion Ratio Lower Upper

75 100

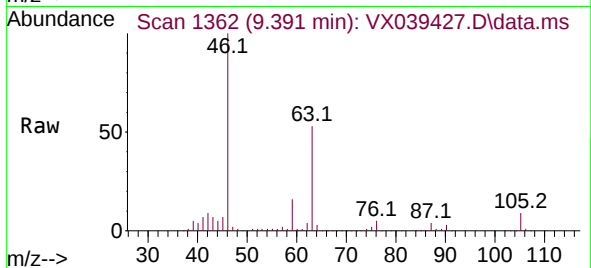
77 36.8 22.0 40.8



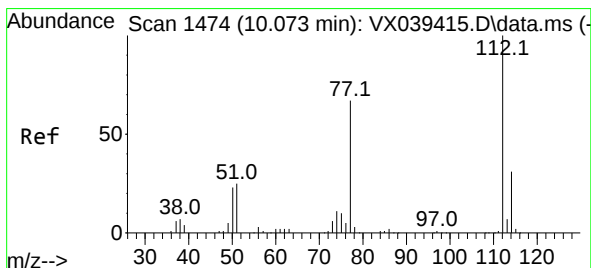
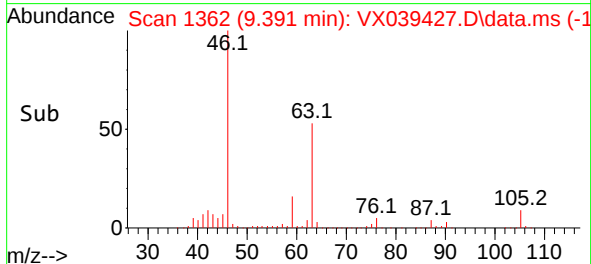
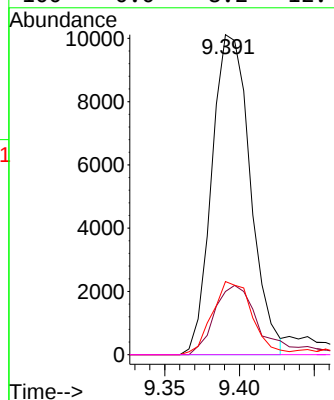


#48
2-Hexanone
Concen: 5.320 ug/L
RT: 9.391 min Scan# 11
Delta R.T. -0.036 min
Lab File: VX039427.D
Acq: 21 Dec 2023 14:18

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 43	Resp: 18104
Ion Ratio	Lower Upper
43 100	
58 24.4	43.0 64.6#
57 23.7	14.6 21.8#
100 0.0	8.2 12.4#



#51
Chlorobenzene
Concen: 24.227 ug/L
RT: 10.079 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VX039427.D
Acq: 21 Dec 2023 14:18

Tgt Ion:112	Resp:	138828	
Ion	Ratio	Lower	Upper
112	100		
114	31.5	21.8	40.4
77	64.7	49.0	73.6

