

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062024\
 Data File : VU059377.D
 Acq On : 20 Jun 2024 14:02
 Operator : MD/SY
 Sample : P2960-12
 Misc : 5.48g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 21 05:58:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Jun 21 05:55:12 2024
 Response via : Initial Calibration

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

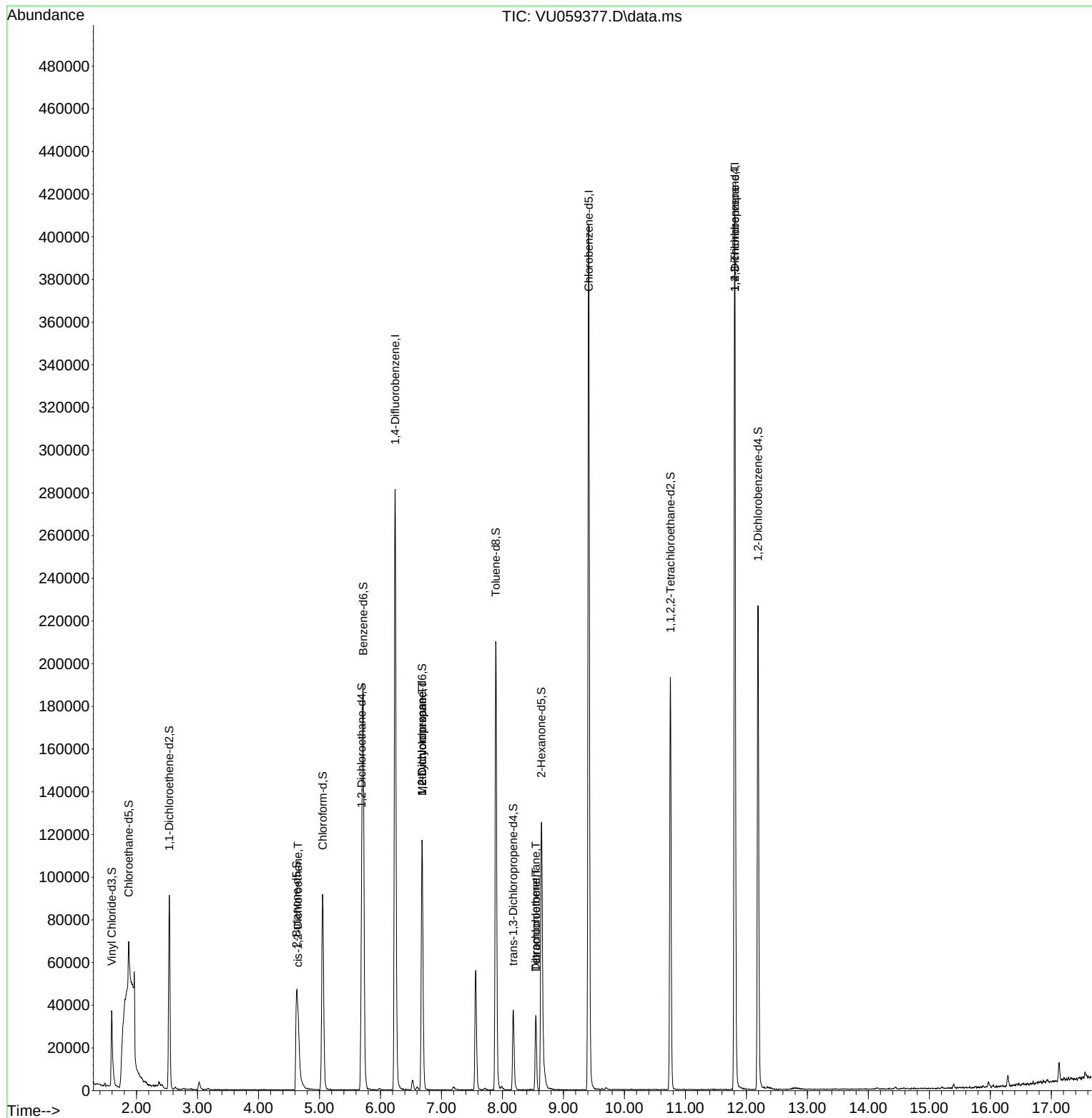
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	239237	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	246548	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	115280	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	38904	27.160	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	54.320%#
7) Chloroethane-d5	1.872	69	21895	17.844	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	35.680%#
11) 1,1-Dichloroethene-d2	2.538	63	53274	18.842	ug/L	-0.03
Spiked Amount	50.000	Range	60 - 125	Recovery	=	37.680%#
21) 2-Butanone-d5	4.624	46	82599	61.178	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	61.180%
24) Chloroform-d	5.052	84	88140	30.910	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	61.820%#
26) 1,2-Dichloroethane-d4	5.692	65	58524	33.485	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	66.980%#
32) Benzene-d6	5.718	84	181469	32.069	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	64.140%#
36) 1,2-Dichloropropane-d6	6.682	67	59587	30.540	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	61.080%#
41) Toluene-d8	7.891	98	149959	31.217	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	62.440%#
43) trans-1,3-Dichloroprop...	8.177	79	24547	31.125	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.240%
47) 2-Hexanone-d5	8.640	63	53843	59.677	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	59.680%
56) 1,1,2,2-Tetrachloroeth...	10.756	84	100683	30.491	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	60.980%#
66) 1,2-Dichlorobenzene-d4	12.190	152	64040	37.225	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	74.440%#
Target Compounds						
					Qvalue	
20) cis-1,2-Dichloroethene	4.650	96	7508	3.611	ug/L	85
35) Methylcyclohexane	6.682	83	13737	4.286	ug/L #	18
37) 1,2-Dichloropropane	6.682	63	6422	2.540	ug/L #	90
46) Tetrachloroethene	8.547	164	7963	5.484	ug/L	90
49) Dibromochloromethane	8.547	129	7698	3.748	ug/L #	11
60) 1,2,3-Trichloropropane	11.811	75	13583	4.237	ug/L #	67

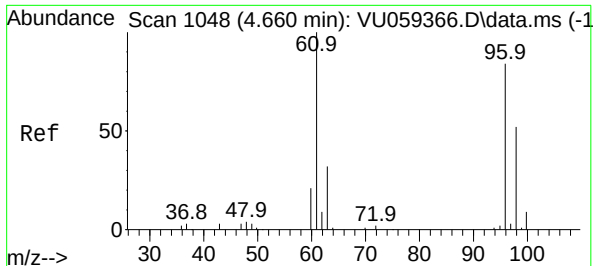
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_U
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM052924WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jun 21 05:55:12 2024
Response via : Initial Calibration





#20

cis-1,2-Dichloroethene

Concen: 3.611 ug/L

RT: 4.650 min Scan# 1

Delta R.T. -0.010 min

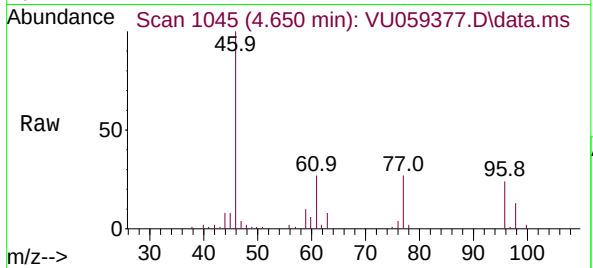
Lab File: VU059377.D

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Instrument :

MSVOA_U

ClientSampleId :



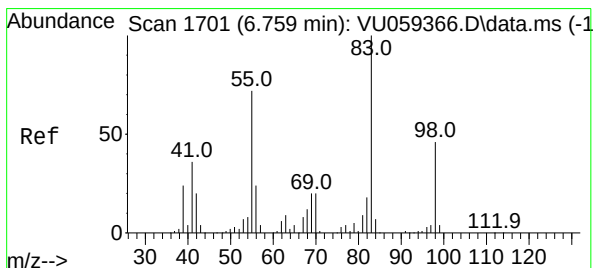
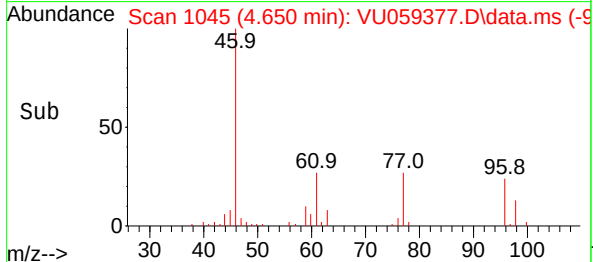
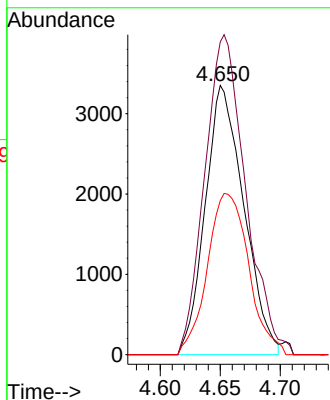
Tgt Ion: 96 Resp: 7508

Ion Ratio Lower Upper

96 100

61 116.2 96.2 178.6

98 57.2 45.6 84.6



#35

Methylcyclohexane

Concen: 4.286 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.077 min

Lab File: VU059377.D

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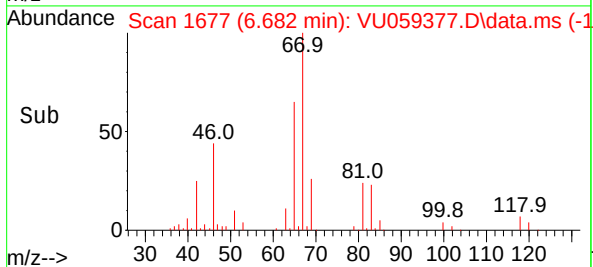
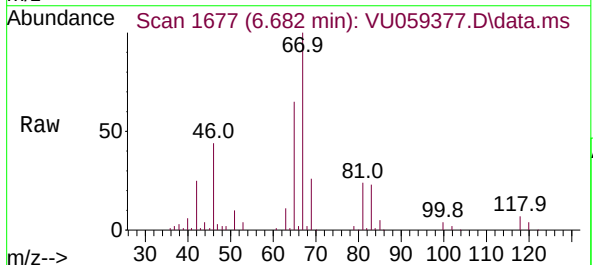
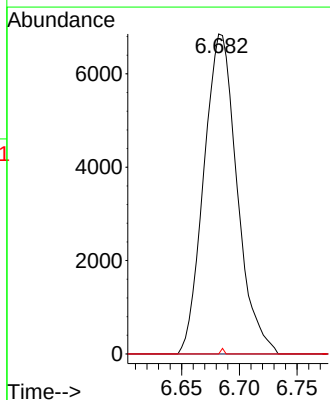
Tgt Ion: 83 Resp: 13737

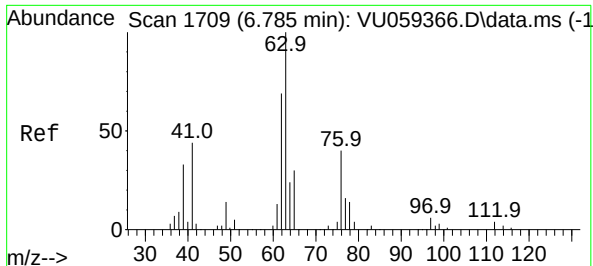
Ion Ratio Lower Upper

83 100

55 0.7 63.9 95.9#

98 0.0 34.7 52.1#

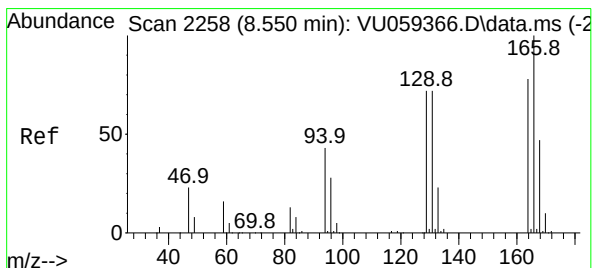
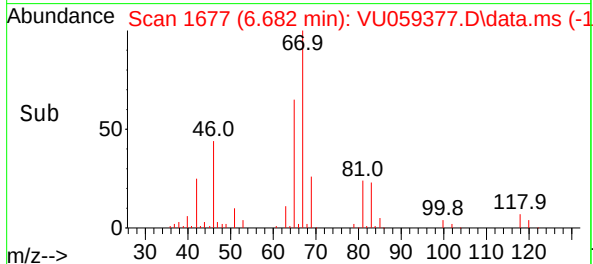
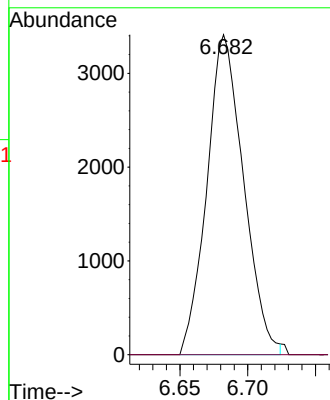
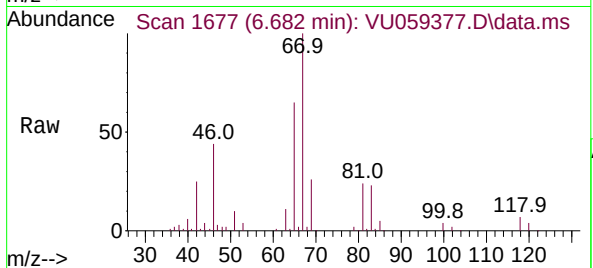




#37
1,2-Dichloropropane
Concen: 2.540 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.103 min
Lab File: VU059377.D
Acq: 20 Jun 2024 14:02

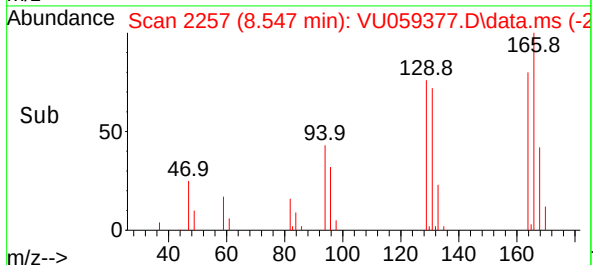
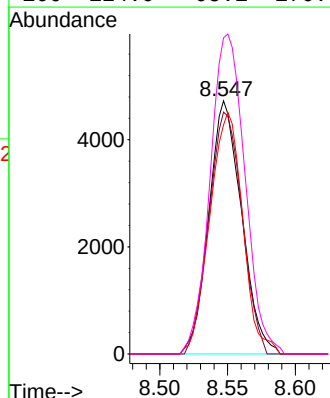
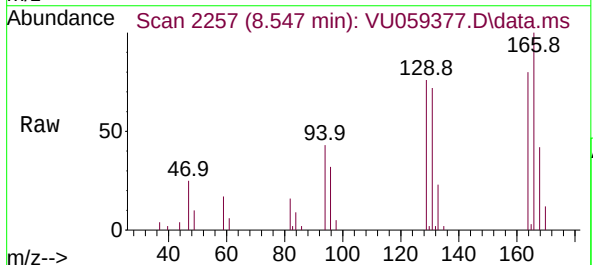
Instrument :
MSVOA_U
ClientSampleId :

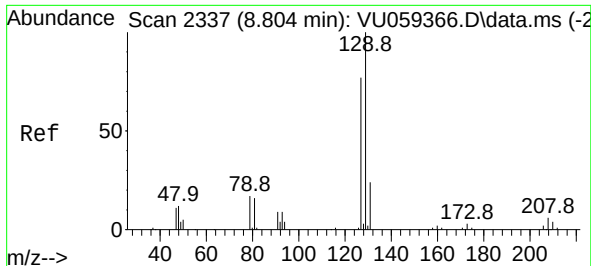
Tgt Ion: 63 Resp: 6422
Ion Ratio Lower Upper
63 100
112 0.0 2.6 4.0#



#46
Tetrachloroethene
Concen: 5.484 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.003 min
Lab File: VU059377.D
Acq: 20 Jun 2024 14:02

Tgt Ion: 164 Resp: 7963
Ion Ratio Lower Upper
164 100
129 95.5 74.5 138.5
131 90.5 70.6 131.0
166 124.9 95.1 176.7





#49

Dibromochloromethane

Concen: 3.748 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.257 min

Lab File: VU059377.D

Acq: 20 Jun 2024 14:02

Instrument :

MSVOA_U

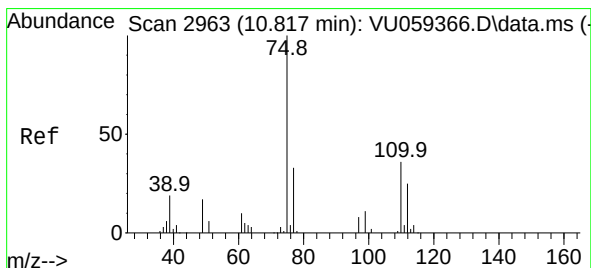
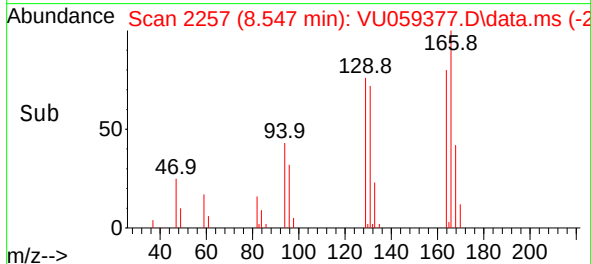
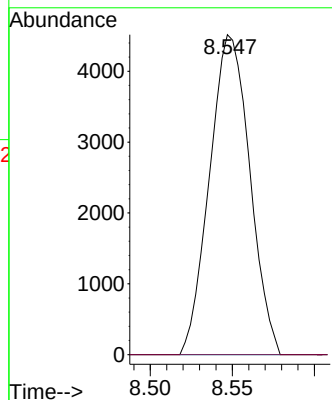
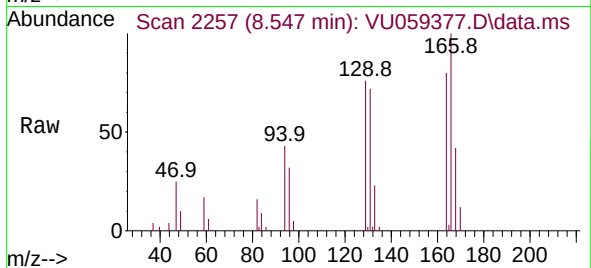
ClientSampleId :

Tgt Ion:129 Resp: 7698

Ion Ratio Lower Upper

129 100

127 0.0 53.3 98.9#



#60

1,2,3-Trichloropropane

Concen: 4.237 ug/L

RT: 11.811 min Scan# 3272

Delta R.T. 0.994 min

Lab File: VU059377.D

Acq: 20 Jun 2024 14:02

Tgt Ion: 75 Resp: 13583

Ion Ratio Lower Upper

75 100

77 34.0 26.2 39.2

110 0.0 28.4 42.6#

