

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042822\
 Data File : VU048331.D
 Acq On : 28 Apr 2022 11:19
 Operator : SY/MD
 Sample : VU0428WBL01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 29 04:28:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 29 04:27:14 2022
 Response via : Initial Calibration

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

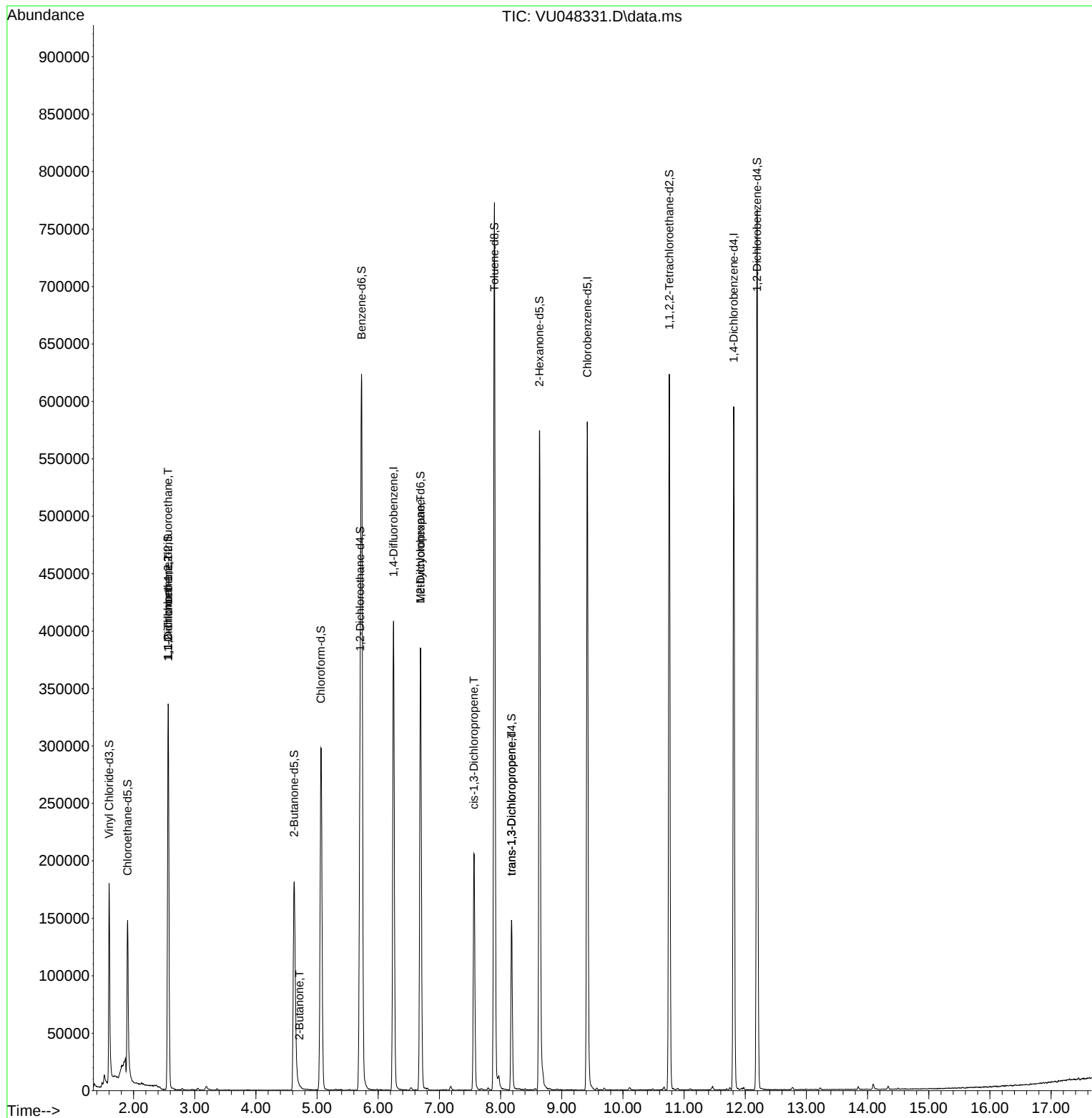
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	351636	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	352168	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	170550	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	141953	43.900	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.800%
7) Chloroethane-d5	1.903	69	124401	54.808	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	109.620%
11) 1,1-Dichloroethene-d2	2.565	63	193952	37.435	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.860%
21) 2-Butanone-d5	4.626	46	273734	99.254	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.250%
24) Chloroform-d	5.063	84	284508	48.509	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.020%
26) 1,2-Dichloroethane-d4	5.703	65	181789	52.239	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.480%
32) Benzene-d6	5.729	84	599467	53.972	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	107.940%
36) 1,2-Dichloropropane-d6	6.690	67	193247	52.628	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	105.260%
41) Toluene-d8	7.899	98	535338	53.174	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	106.340%
43) trans-1,3-Dichloroprop...	8.179	79	83437	51.495	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.000%
47) 2-Hexanone-d5	8.636	63	202886	102.410	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.410%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	310105	48.153	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.300%
66) 1,2-Dichlorobenzene-d4	12.195	152	214076	55.799	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	111.600%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.565	101	2350	0.887	ug/L #	25
12) 1,1-Dichloroethene	2.568	96	1800	0.778	ug/L #	1
22) 2-Butanone	4.710	43	2528	0.966	ug/L #	52
35) Methylcyclohexane	6.690	83	44026	12.270	ug/L #	20
39) cis-1,3-Dichloropropene	7.565	75	4664	1.118	ug/L #	50
44) trans-1,3-Dichloropropene	8.179	75	3910	0.959	ug/L	85

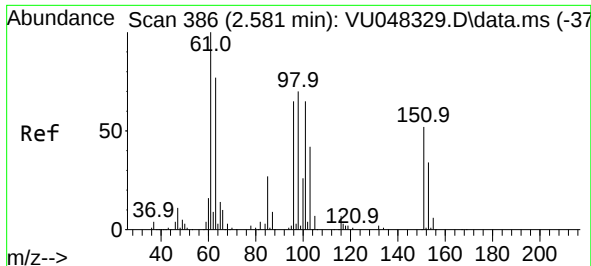
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_U
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Quant Time: Apr 29 04:28:17 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 29 04:27:14 2022
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.887 ug/L

RT: 2.565 min Scan# 381

Delta R.T. -0.016 min

Lab File: VU048331.D

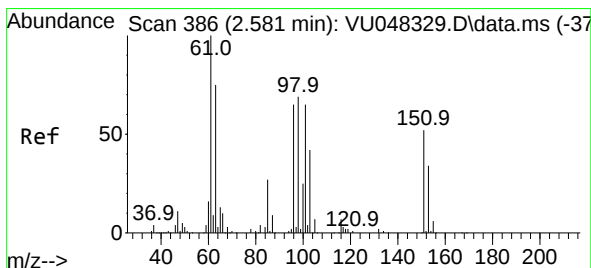
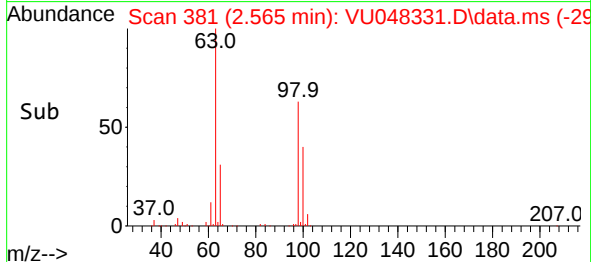
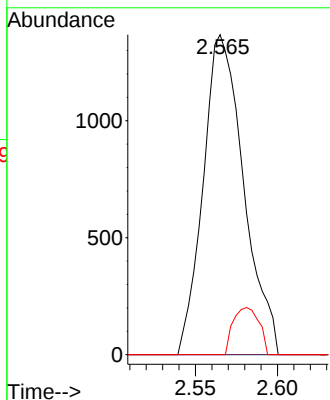
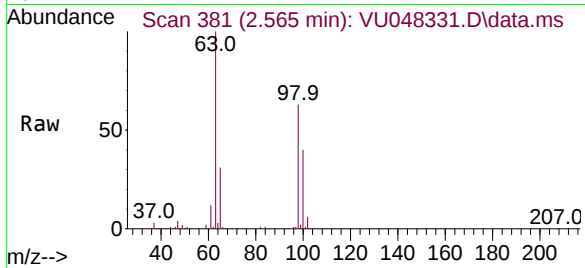
Acq: 28 Apr 2022 11:19

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:101	Resp:	2350
Ion Ratio	Lower	Upper
101	100	
85	0.0	32.6 48.8#
151	9.4	64.1 96.1#



#12

1,1-Dichloroethene

Concen: 0.778 ug/L

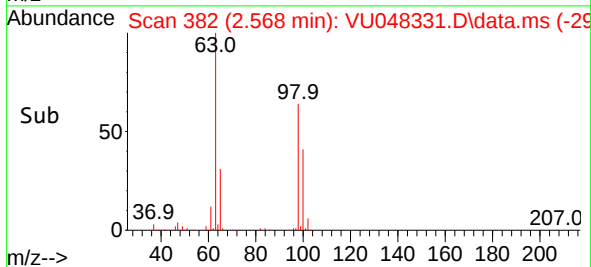
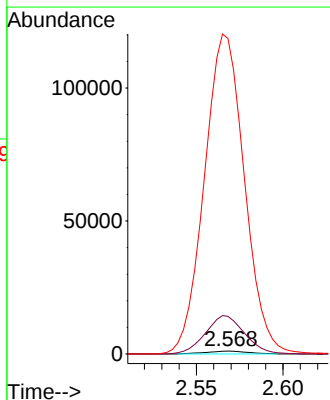
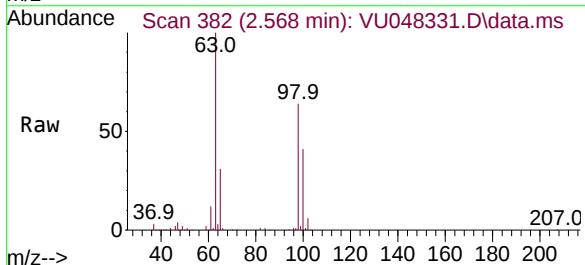
RT: 2.568 min Scan# 382

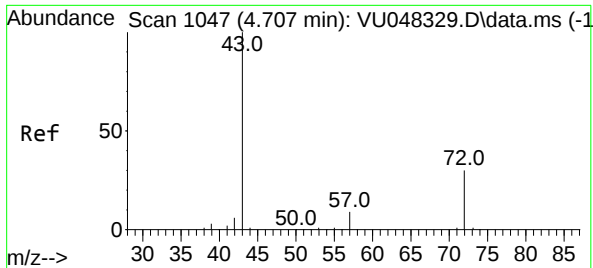
Delta R.T. -0.013 min

Lab File: VU048331.D

Acq: 28 Apr 2022 11:19

Tgt Ion: 96	Resp:	1800
Ion Ratio	Lower	Upper
96	100	
61	1305.9	107.9 200.3#
63	10979.5	80.3 149.1#





#22

2-Butanone

Concen: 0.966 ug/L

RT: 4.710 min Scan# 1047

Delta R.T. 0.003 min

Lab File: VU048331.D

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Instrument :

MSVOA_U

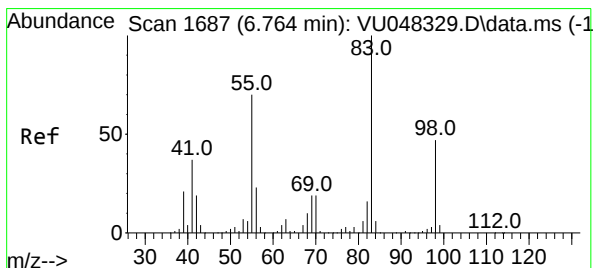
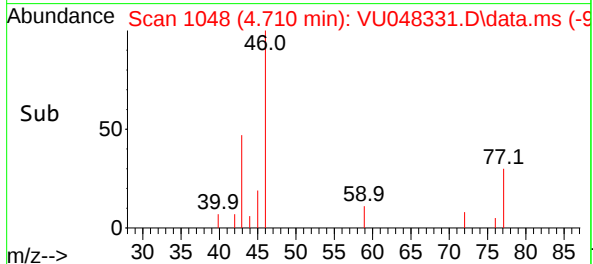
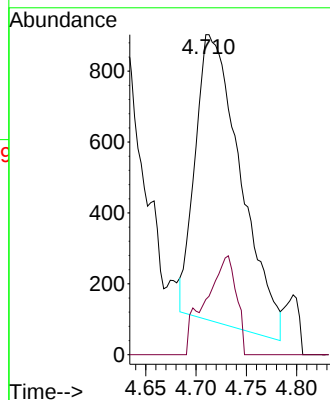
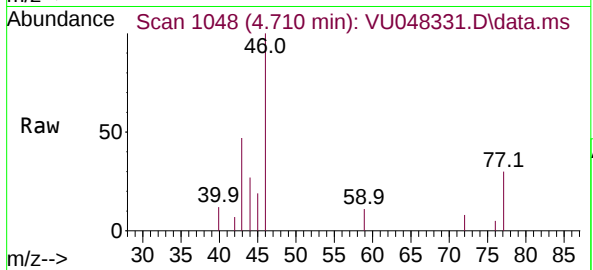
ClientSampleId :

Tgt Ion: 43 Resp: 2528

Ion Ratio Lower Upper

43 100

72 3.7 14.6 43.8#



#35

Methylcyclohexane

Concen: 12.270 ug/L

RT: 6.690 min Scan# 1664

Delta R.T. -0.074 min

Lab File: VU048331.D

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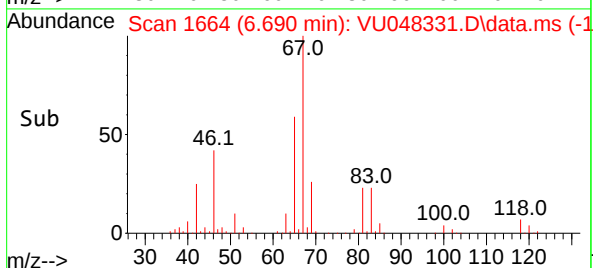
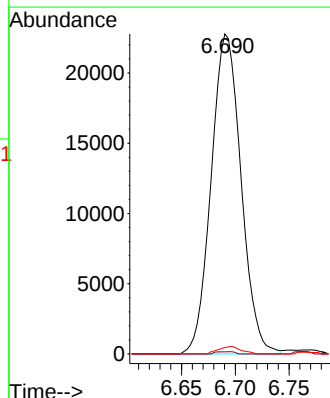
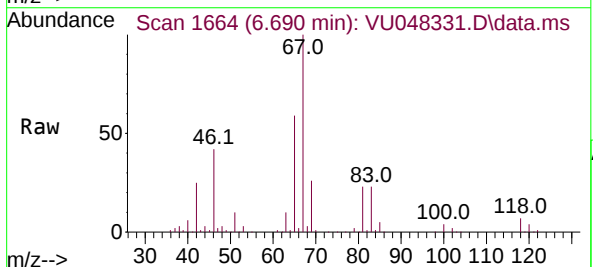
Tgt Ion: 83 Resp: 44026

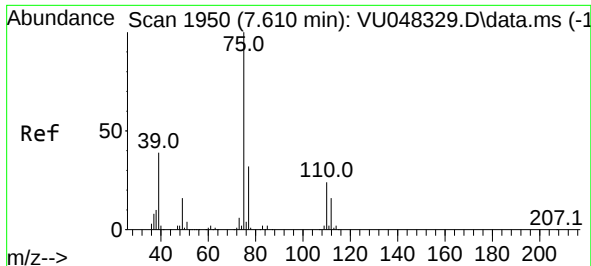
Ion Ratio Lower Upper

83 100

55 0.0 59.4 89.2#

98 1.8 37.3 55.9#





#39

cis-1,3-Dichloropropene

Concen: 1.118 ug/L

RT: 7.565 min Scan# 1950

Delta R.T. -0.045 min

Lab File: VU048331.D

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Instrument :

MSVOA_U

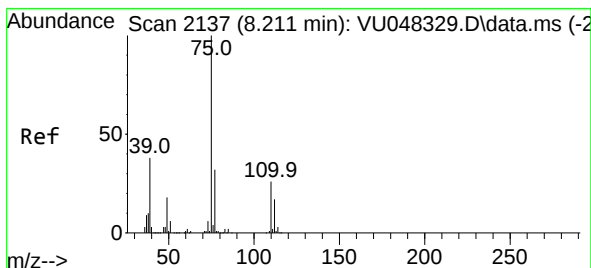
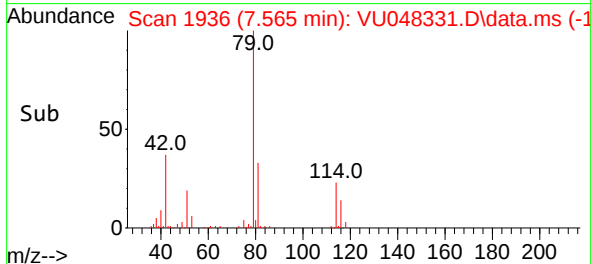
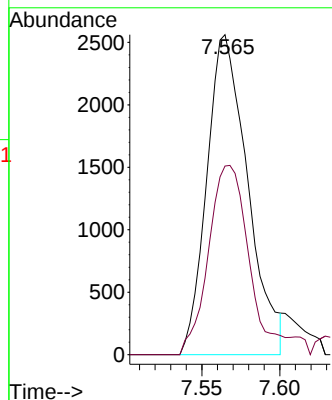
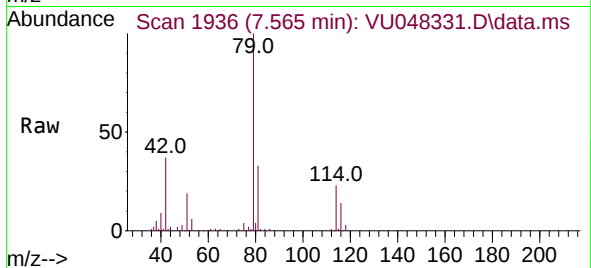
ClientSampleId :

Tgt Ion: 75 Resp: 4664

Ion Ratio Lower Upper

75 100

77 58.9 22.0 41.0#



#44

trans-1,3-Dichloropropene

Concen: 0.959 ug/L

RT: 8.179 min Scan# 2127

Delta R.T. -0.032 min

Lab File: VU048331.D

Acq: 28 Apr 2022 11:19

Tgt Ion: 75 Resp: 3910

Ion Ratio Lower Upper

75 100

77 40.1 22.1 41.1

