

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042222\
 Data File : VU048217.D
 Acq On : 22 Apr 2022 12:06
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 22 22:00:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 22 21:59:27 2022
 Response via : Initial Calibration

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

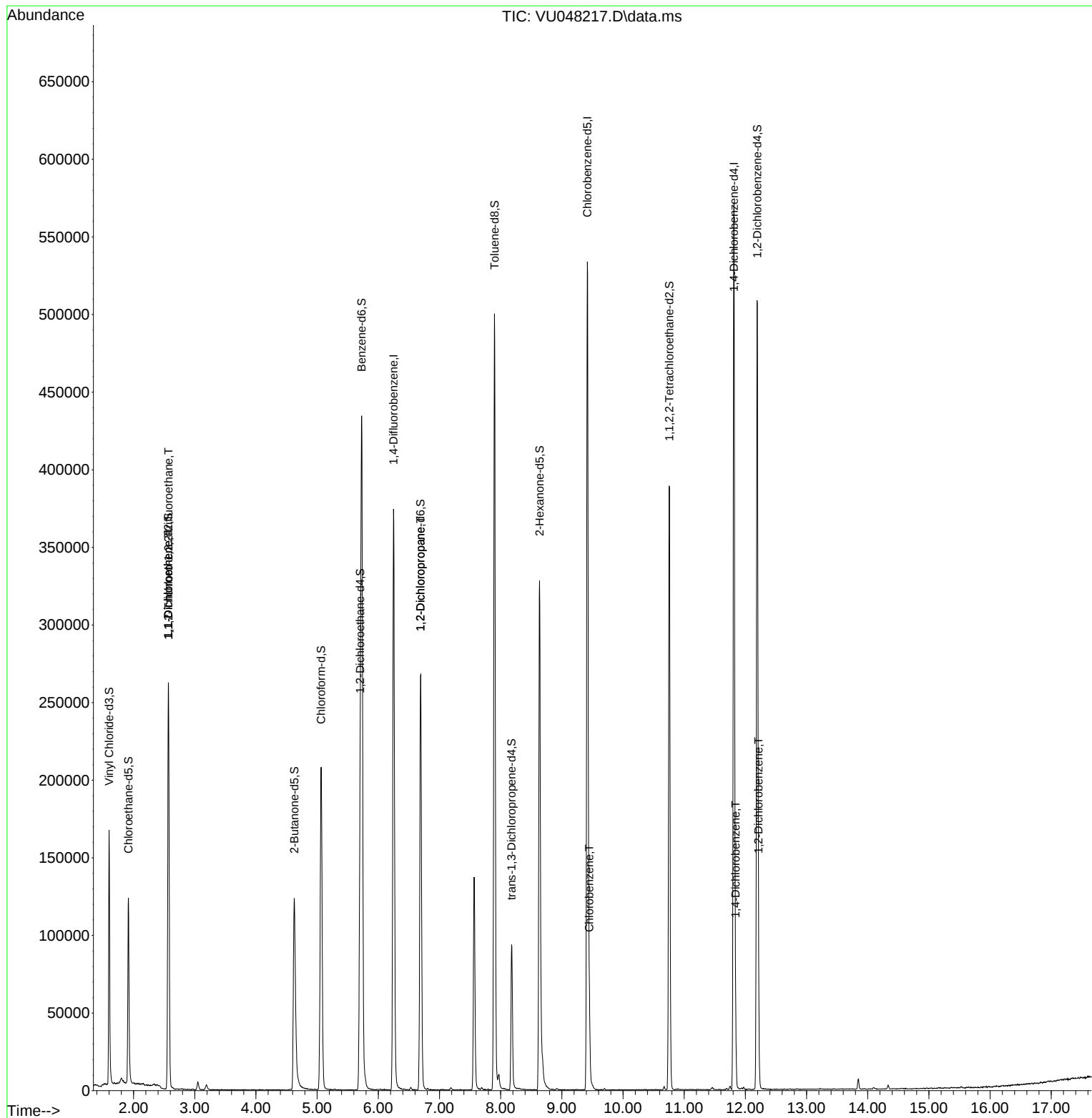
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	323767	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	324276	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	164037	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	124081	52.849	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	105.700%
7) Chloroethane-d5	1.916	69	95661	51.673	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.340%
11) 1,1-Dichloroethene-d2	2.568	63	151551	35.281	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.560%
21) 2-Butanone-d5	4.626	46	176001	87.336	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	87.340%
24) Chloroform-d	5.063	84	199907	46.534	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.060%
26) 1,2-Dichloroethane-d4	5.703	65	124751	47.348	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.700%
32) Benzene-d6	5.729	84	419224	51.377	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.760%
36) 1,2-Dichloropropane-d6	6.690	67	135389	54.028	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	108.060%
41) Toluene-d8	7.899	98	343330	43.186	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.380%
43) trans-1,3-Dichloroprop...	8.179	79	54150	42.653	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.300%
47) 2-Hexanone-d5	8.636	63	111911	76.287	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	76.290%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	196158	45.612	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.220%
66) 1,2-Dichlorobenzene-d4	12.195	152	143899	49.308	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.620%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.572	101	1333	0.559	ug/L #	18
12) 1,1-Dichloroethene	2.568	96	1084	0.488	ug/L #	1
37) 1,2-Dichloropropane	6.690	63	13622	5.709	ug/L #	87
51) Chlorobenzene	9.449	112	28642	4.096	ug/L	97
65) 1,4-Dichlorobenzene	11.838	146	19748	3.869	ug/L	92
67) 1,2-Dichlorobenzene	12.214	146	19662	3.988	ug/L	99

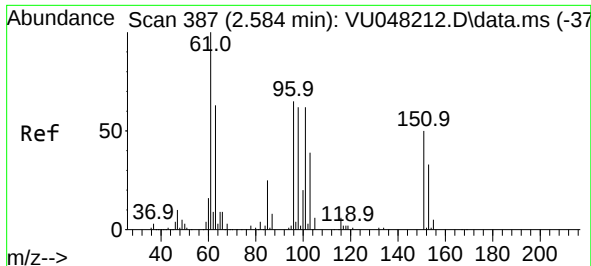
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

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

Concen: 0.559 ug/L

RT: 2.572 min Scan# 383

Delta R.T. -0.013 min

Lab File: VU048217.D

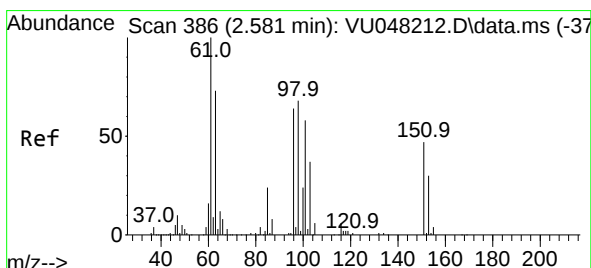
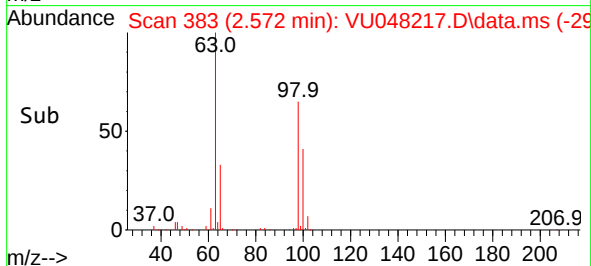
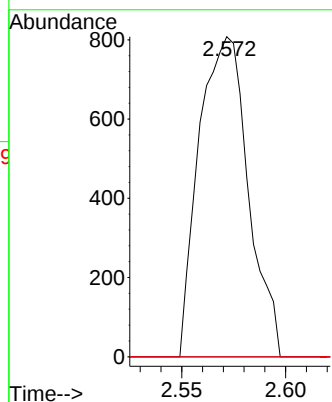
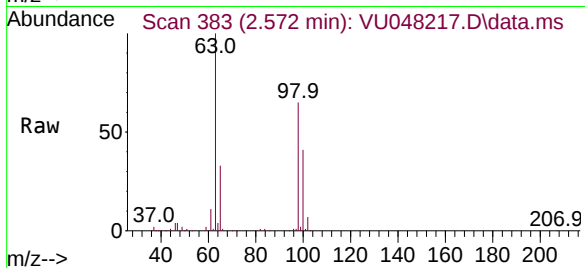
Acq: 22 Apr 2022 12:06

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:101	Resp:	1333
Ion Ratio	Lower	Upper
101	100	
85	0.0	32.8 49.2#
151	0.0	63.0 94.6#



#12

1,1-Dichloroethene

Concen: 0.488 ug/L

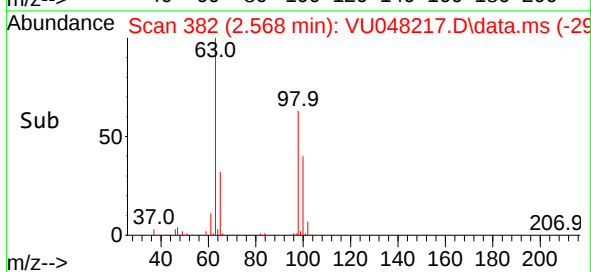
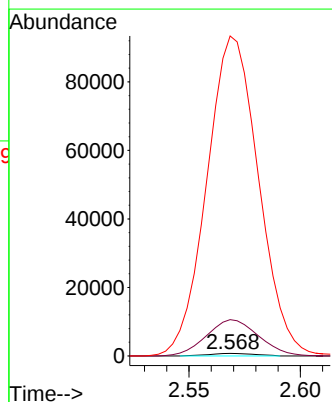
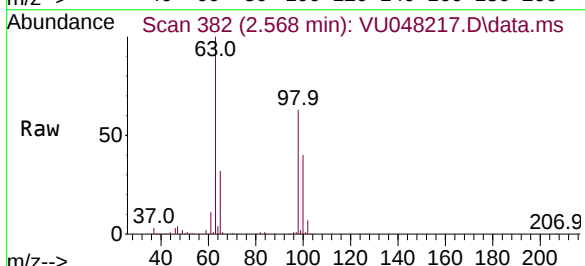
RT: 2.568 min Scan# 382

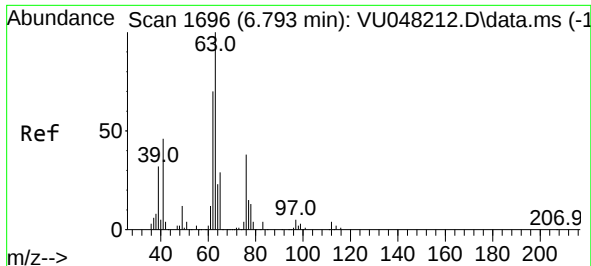
Delta R.T. -0.013 min

Lab File: VU048217.D

Acq: 22 Apr 2022 12:06

Tgt Ion: 96	Resp:	1084
Ion Ratio	Lower	Upper
96	100	
61	1433.0	113.1 210.1#
63	12639.8	94.8 176.0#





#37

1,2-Dichloropropane

Concen: 5.709 ug/L

RT: 6.690 min Scan# 1

Delta R.T. -0.103 min

Lab File: VU048217.D

Acq: 22 Apr 2022 12:06

Instrument :

MSVOA_U

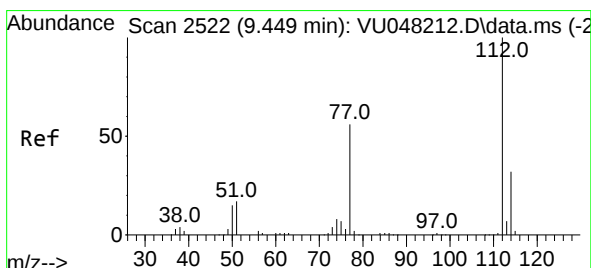
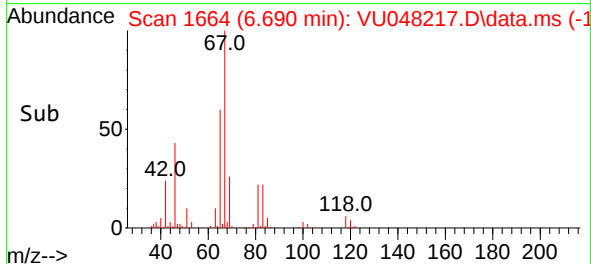
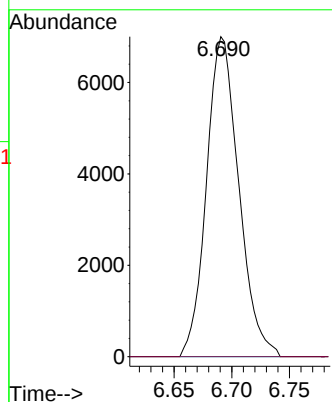
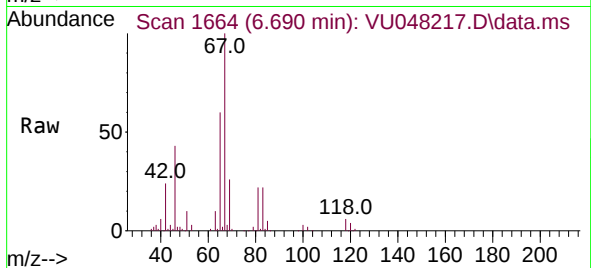
ClientSampleId :

Tgt Ion: 63 Resp: 13622

Ion Ratio Lower Upper

63 100

112 0.0 3.4 5.2#



#51

Chlorobenzene

Concen: 4.096 ug/L

RT: 9.449 min Scan# 2522

Delta R.T. 0.000 min

Lab File: VU048217.D

Acq: 22 Apr 2022 12:06

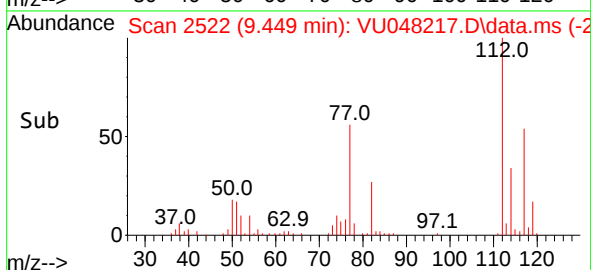
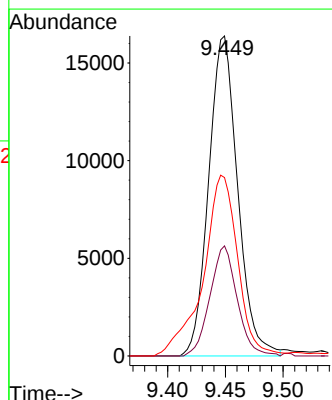
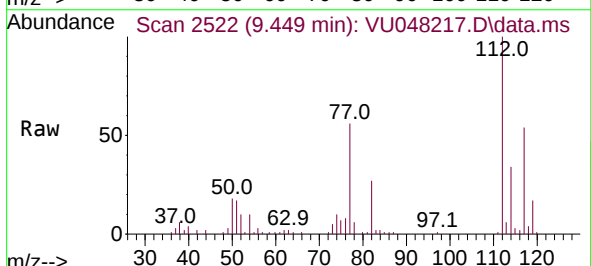
Tgt Ion: 112 Resp: 28642

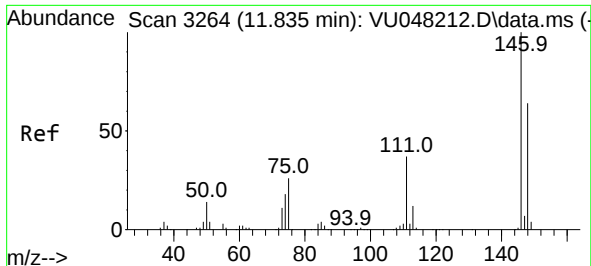
Ion Ratio Lower Upper

112 100

114 34.4 22.1 41.1

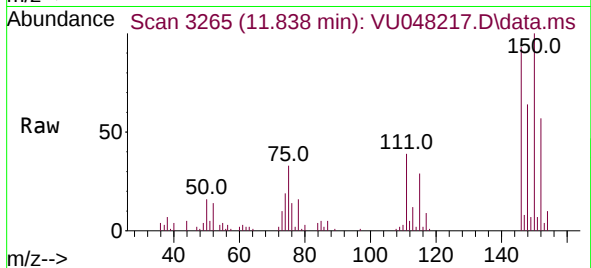
77 55.7 43.4 65.0



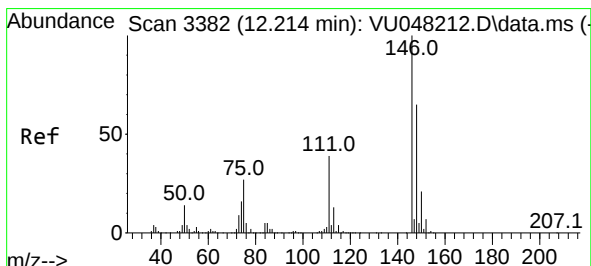
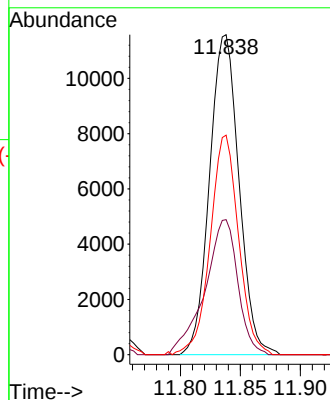
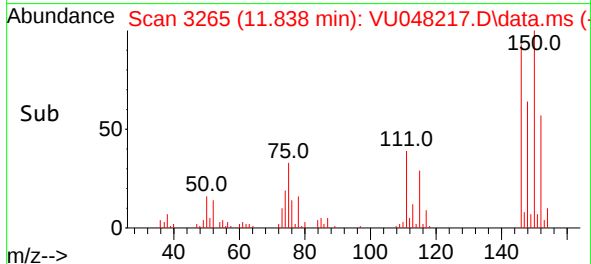


#65
1,4-Dichlorobenzene
Concen: 3.869 ug/L
RT: 11.838 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU048217.D
Acq: 22 Apr 2022 12:06

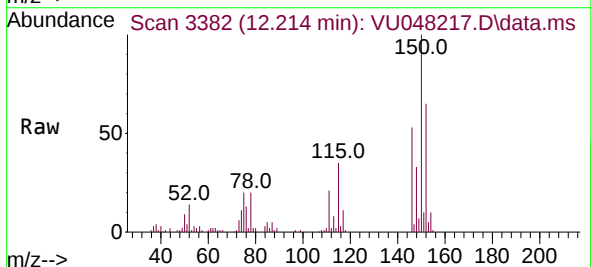
Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:146 Resp: 19748
Ion Ratio Lower Upper
146 100
111 42.2 25.3 47.1
148 68.6 44.5 82.7



#67
1,2-Dichlorobenzene
Concen: 3.988 ug/L
RT: 12.214 min Scan# 3382
Delta R.T. 0.000 min
Lab File: VU048217.D
Acq: 22 Apr 2022 12:06



Tgt Ion:146 Resp: 19662
Ion Ratio Lower Upper
146 100
111 39.4 31.7 47.5
148 62.7 51.4 77.2

