

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U050222\
 Data File : U048368.D
 Acq On : 02 May 2022 15:09
 Operator : SY/MD
 Sample : N2603-09ME
 Misc : 5.86g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EW490ME

Quant Time: May 03 04:14:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM042522WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue May 03 04:11:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	111217	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	114642	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	59289	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	103530	101.230	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	202.460%#
7) Chloroethane-d5	1.874	69	32985	45.947	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.900%
11) 1,1-Dichloroethene-d2	2.530	63	293439	179.069	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	358.140%#
21) 2-Butanone-d5	4.639	46	512980	588.087	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	588.090%#
24) Chloroform-d	5.063	84	501434	270.309	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	540.620%#
26) 1,2-Dichloroethane-d4	5.700	65	327078	297.167	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	594.340%#
32) Benzene-d6	5.719	84	1034114	286.010	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	572.020%#
36) 1,2-Dichloropropane-d6	6.690	67	348341	291.415	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	582.820%#
41) Toluene-d8	7.899	98	946122	288.684	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	577.360%#
43) trans-1,3-Dichloroprop...	8.182	79	158128	299.796	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	599.600%#
47) 2-Hexanone-d5	8.661	63	402620	624.298	ug/L	0.03
Spiked Amount	100.000	Range	45 - 130	Recovery	=	624.300%#
56) 1,1,2,2-Tetrachloroeth...	10.767	84	596076	284.330	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	568.660%#
66) 1,2-Dichlorobenzene-d4	12.198	152	415218	311.322	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	622.640%#
Target Compounds						Qvalue
3) Chloromethane	1.517	50	3079	3.201	ug/L	94
5) Vinyl chloride	1.604	62	419	0.432	ug/L #	1
6) Bromomethane	1.826	94	1101	2.472	ug/L	92
13) Acetone	2.655	43	2865	5.116	ug/L	65
14) Carbon disulfide	2.755	76	1199	0.673	ug/L #	74
15) Methyl Acetate	2.957	43	2722	2.449	ug/L #	71
22) 2-Butanone	4.726	43	38830	46.892	ug/L #	68
27) 1,2-Dichloroethane	5.719	62	5432	4.591	ug/L #	86
33) Benzene	5.723	78	8088	2.383	ug/L	100
35) Methylcyclohexane	6.690	83	79799	68.319	ug/L #	20
39) cis-1,3-Dichloropropene	7.568	75	8856	6.522	ug/L #	63
42) Toluene	7.970	91	10530	2.955	ug/L	97
44) trans-1,3-Dichloropropene	8.182	75	6328	4.770	ug/L #	81
48) 2-Hexanone	8.661	43	46312	38.075	ug/L #	65
57) 1,1,2,2-Tetrachloroethane	10.771	83	2210	1.105	ug/L #	1
60) 1,2,3-Trichloropropane	11.819	75	5963	4.311	ug/L #	65

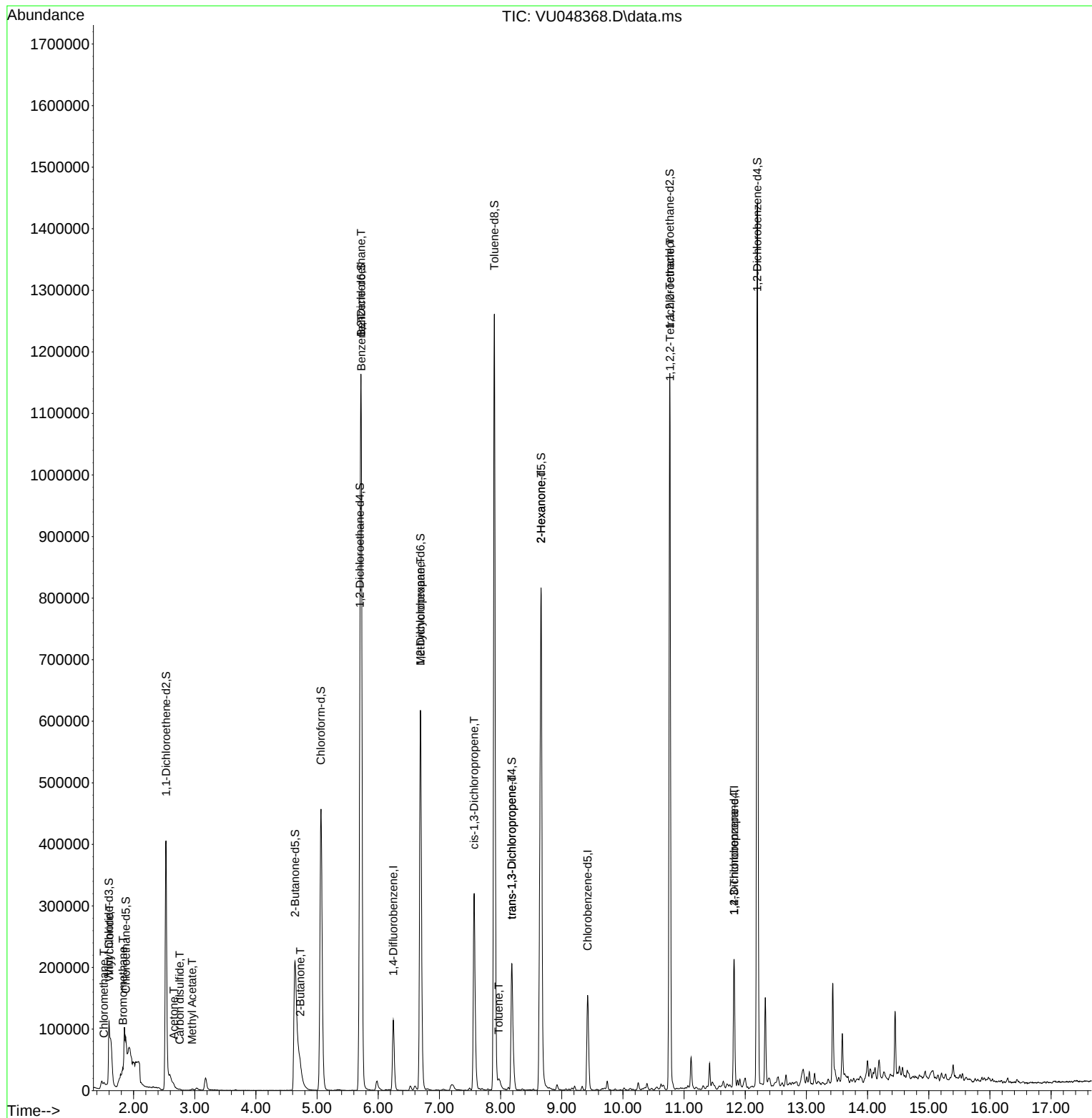
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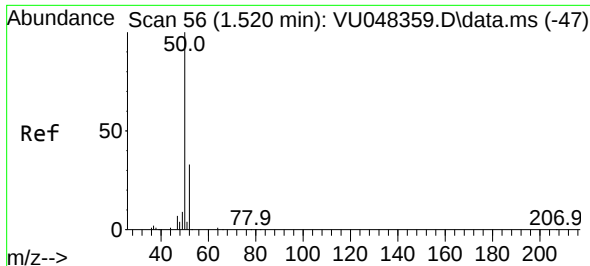
Instrument :
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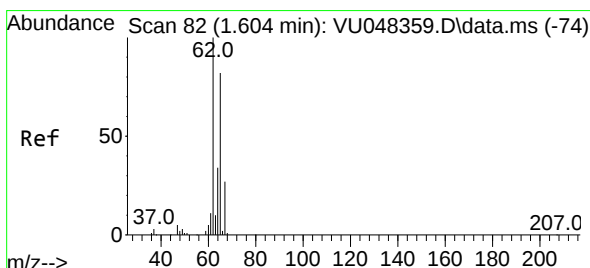
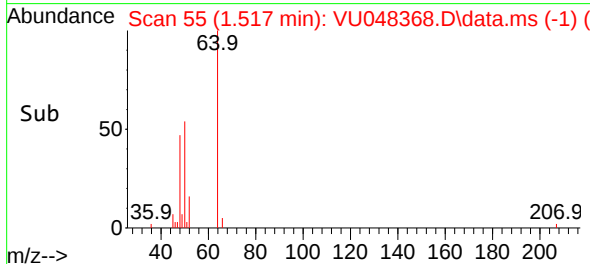
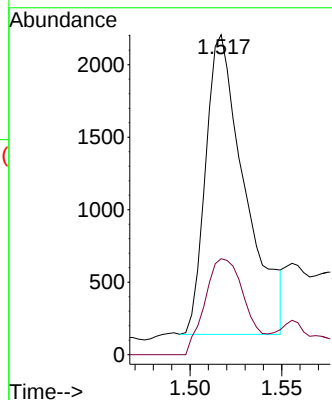
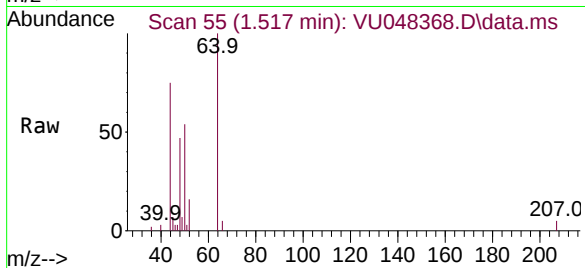




#3
Chloromethane
Concen: 3.201 ug/L
RT: 1.517 min Scan# 51
Delta R.T. -0.003 min
Lab File: VU048368.D
Acq: 02 May 2022 15:09

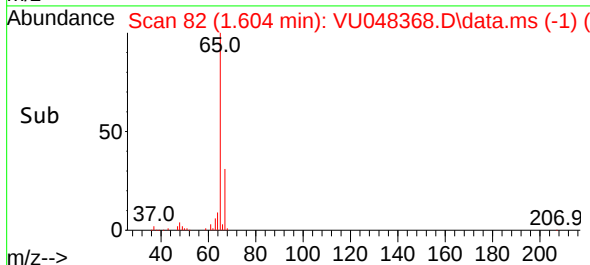
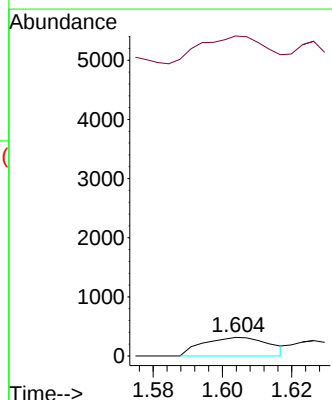
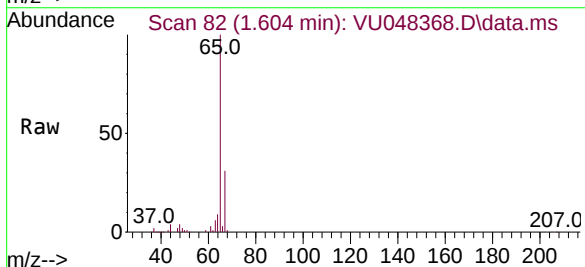
Instrument :
MSVOA_U
ClientSampleId :
EW490ME

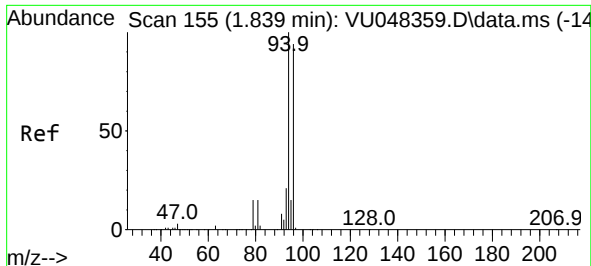
Tgt Ion: 50 Resp: 3079
Ion Ratio Lower Upper
50 100
52 30.0 23.2 43.2



#5
Vinyl chloride
Concen: 0.432 ug/L
RT: 1.604 min Scan# 82
Delta R.T. -0.000 min
Lab File: VU048368.D
Acq: 02 May 2022 15:09

Tgt Ion: 62 Resp: 419
Ion Ratio Lower Upper
62 100
64 1717.8 22.5 41.7#

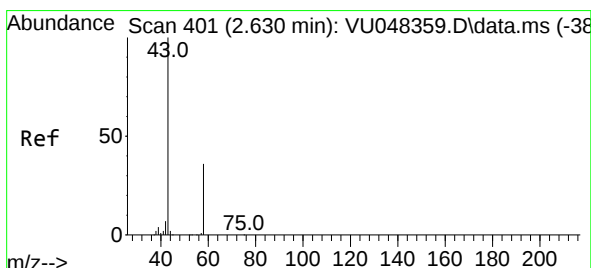
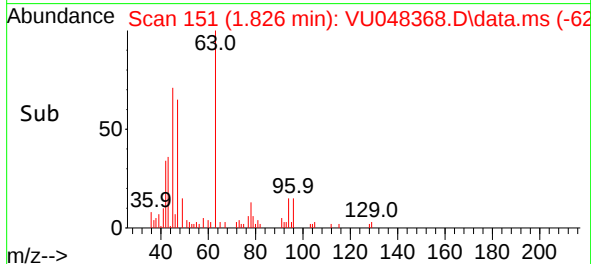
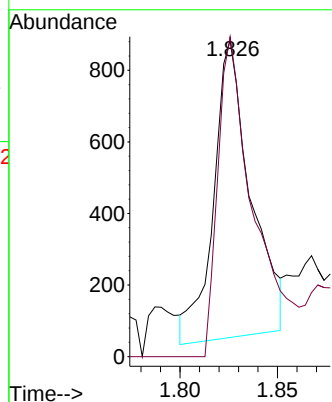
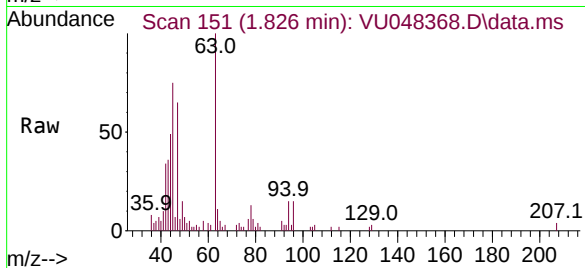




#6
Bromomethane
Concen: 2.472 ug/L
RT: 1.826 min Scan# 110
Delta R.T. -0.013 min
Lab File: VU048368.D
Acq: 02 May 2022 15:09

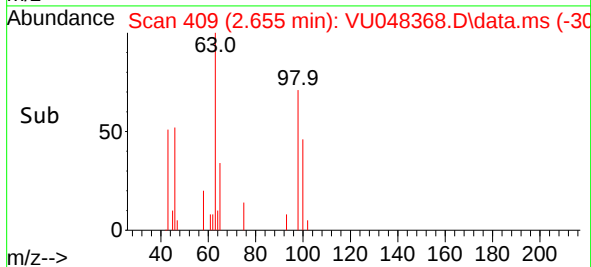
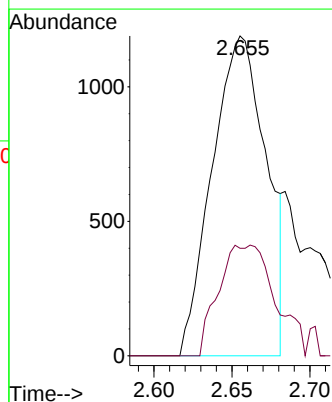
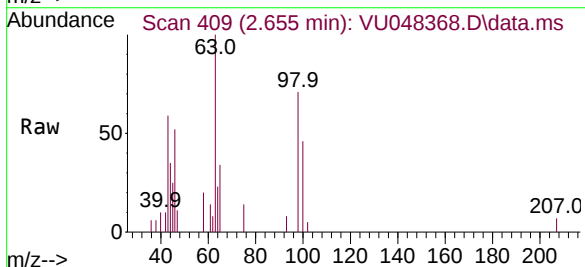
Instrument :
MSVOA_U
ClientSampleId :
EW490ME

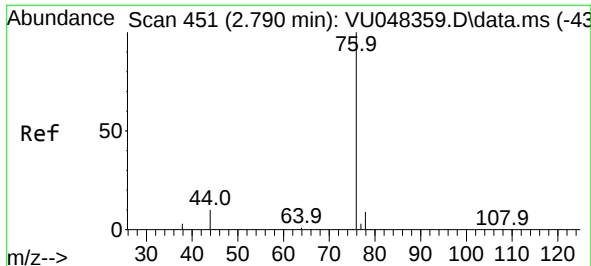
Tgt Ion: 94 Resp: 1101
Ion Ratio Lower Upper
94 100
96 101.2 65.8 122.2



#13
Acetone
Concen: 5.116 ug/L
RT: 2.655 min Scan# 409
Delta R.T. 0.026 min
Lab File: VU048368.D
Acq: 02 May 2022 15:09

Tgt Ion: 43 Resp: 2865
Ion Ratio Lower Upper
43 100
58 15.3 0.0 71.2

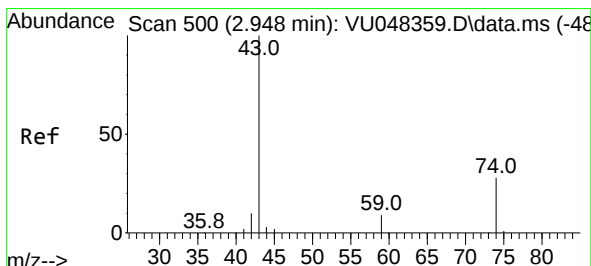
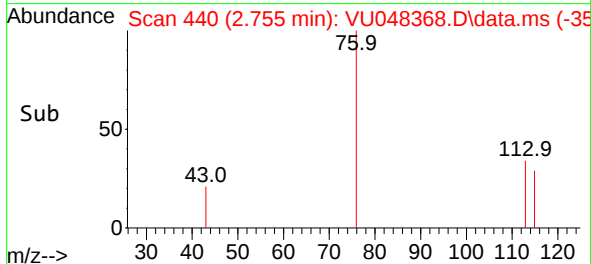
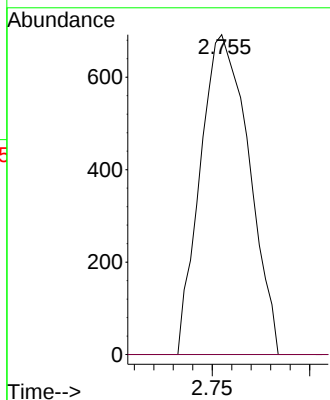
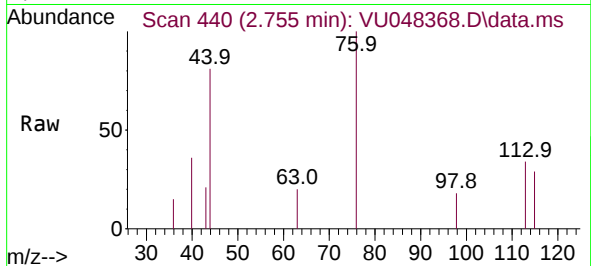




#14
Carbon disulfide
Concen: 0.673 ug/L
RT: 2.755 min Scan# 44
Delta R.T. -0.035 min
Lab File: VU048368.D
Acq: 02 May 2022 15:09

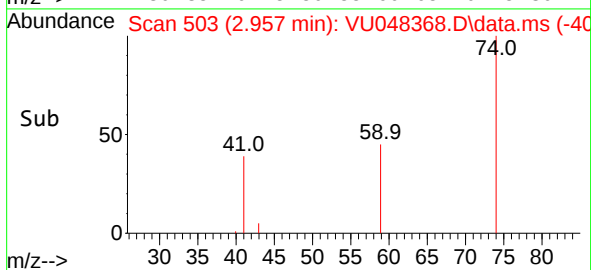
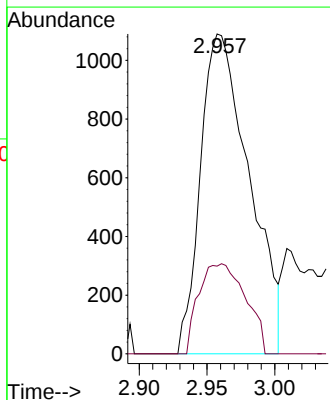
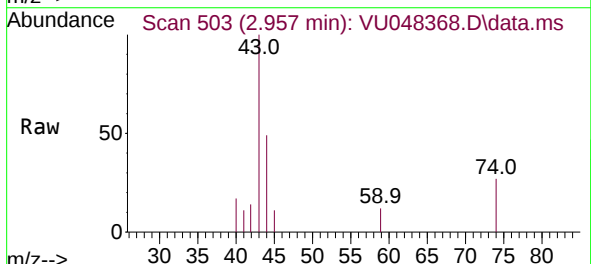
Instrument :
MSVOA_U
ClientSampleId :
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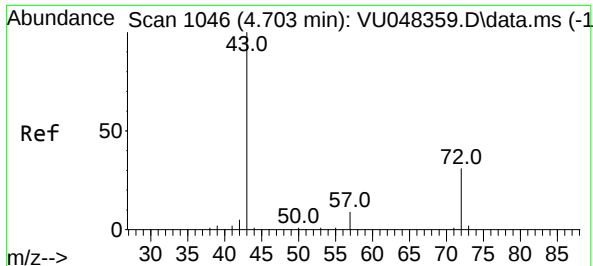
Tgt Ion: 76 Resp: 1199
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.2#



#15
Methyl Acetate
Concen: 2.449 ug/L
RT: 2.957 min Scan# 503
Delta R.T. 0.010 min
Lab File: VU048368.D
Acq: 02 May 2022 15:09

Tgt Ion: 43 Resp: 2722
Ion Ratio Lower Upper
43 100
74 11.7 21.0 31.6#





#22

2-Butanone

Concen: 46.892 ug/L

RT: 4.726 min Scan# 1053

Delta R.T. 0.022 min

Lab File: VU048368.D

Acq: 02 May 2022 15:09

Instrument :

MSVOA_U

ClientSampleId :

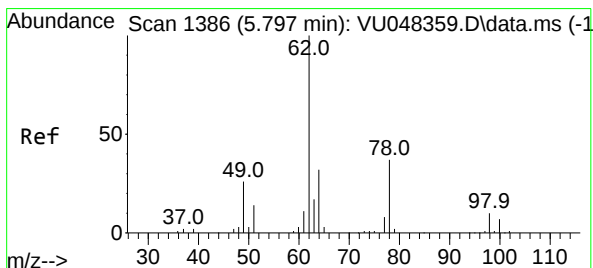
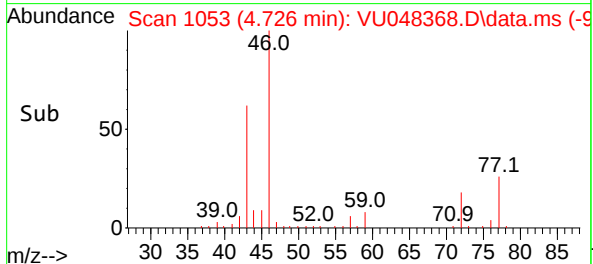
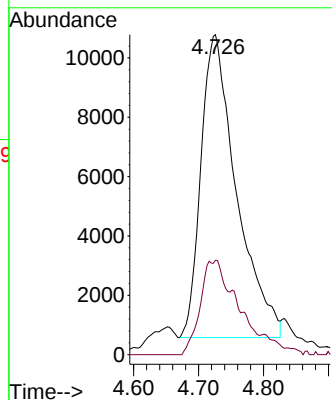
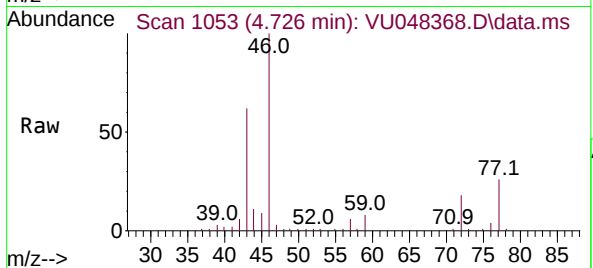
EW490ME

Tgt Ion: 43 Resp: 38830

Ion Ratio Lower Upper

43 100

72 12.0 14.6 43.8#



#27

1,2-Dichloroethane

Concen: 4.591 ug/L

RT: 5.719 min Scan# 1362

Delta R.T. -0.077 min

Lab File: VU048368.D

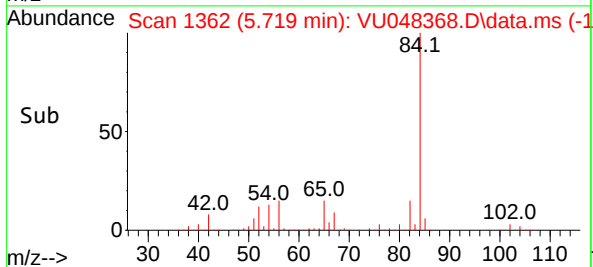
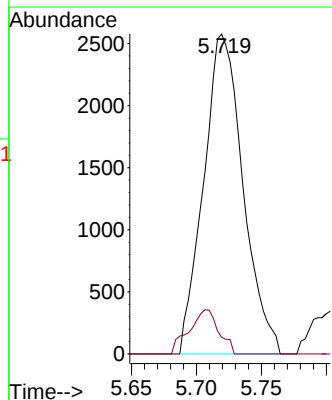
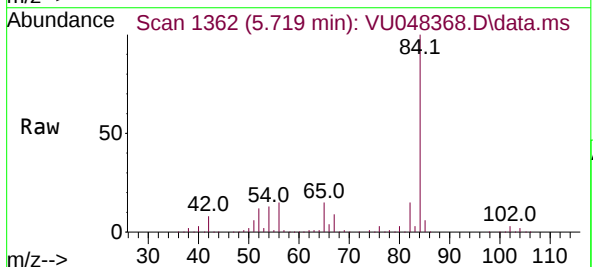
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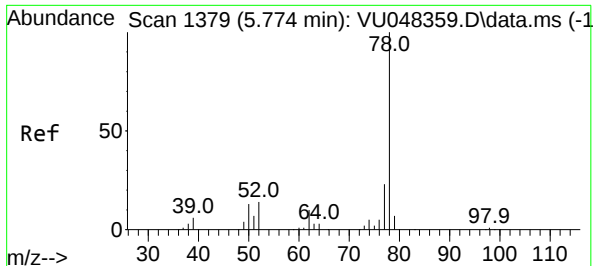
Tgt Ion: 62 Resp: 5432

Ion Ratio Lower Upper

62 100

98 5.2 8.5 12.7#

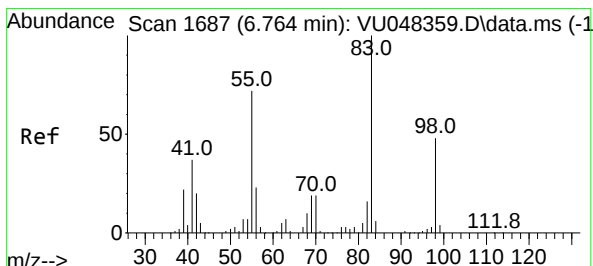
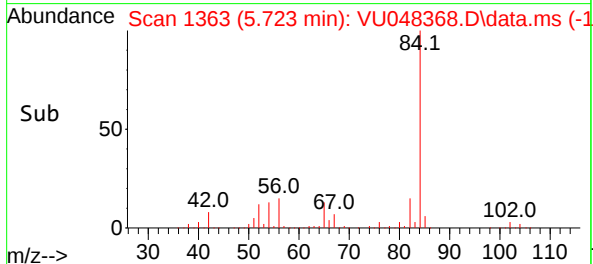
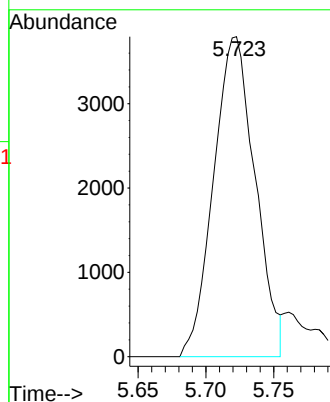
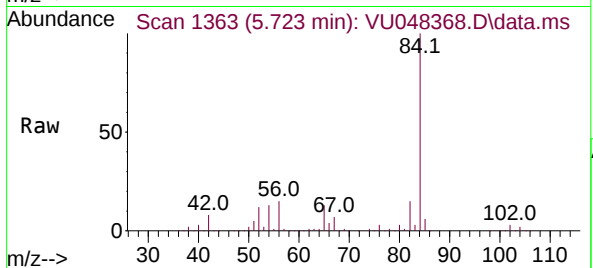




#33
Benzene
Concen: 2.383 ug/L
RT: 5.723 min Scan# 11
Delta R.T. -0.051 min
Lab File: VU048368.D
Acq: 02 May 2022 15:09

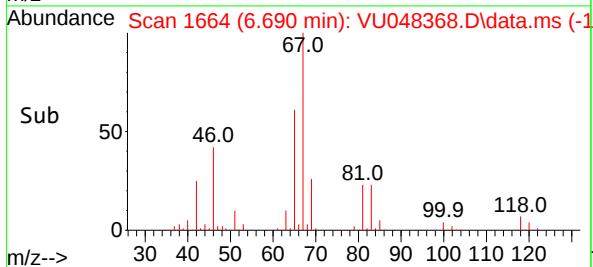
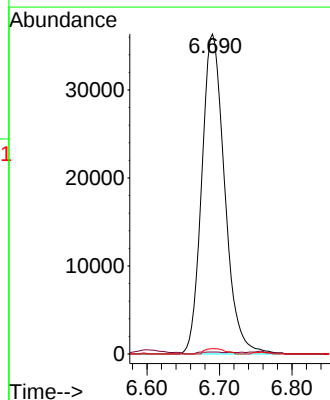
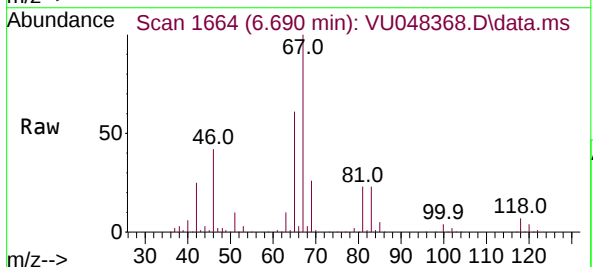
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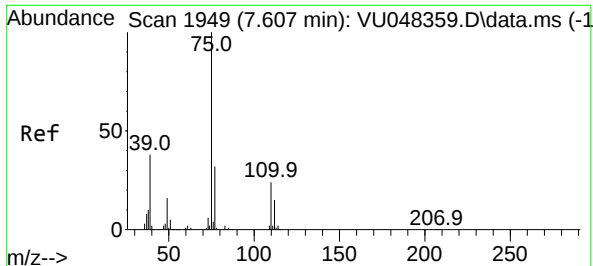
Tgt Ion: 78 Resp: 8088



#35
Methylcyclohexane
Concen: 68.319 ug/L
RT: 6.690 min Scan# 1664
Delta R.T. -0.074 min
Lab File: VU048368.D
Acq: 02 May 2022 15:09

Tgt Ion: 83 Resp: 79799
Ion Ratio Lower Upper
83 100
55 0.2 59.4 89.2#
98 1.5 37.3 55.9#





#39

cis-1,3-Dichloropropene

Concen: 6.522 ug/L

RT: 7.568 min Scan# 1949

Delta R.T. -0.039 min

Lab File: VU048368.D

Acq: 02 May 2022 15:09

Instrument :

MSVOA_U

ClientSampleId :

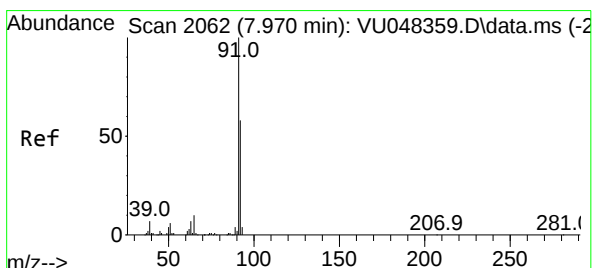
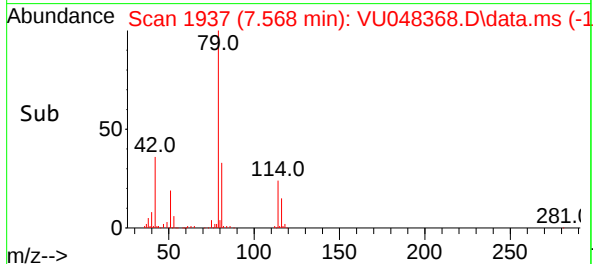
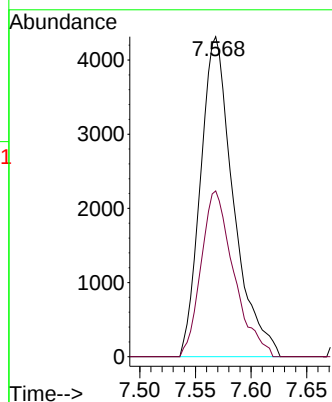
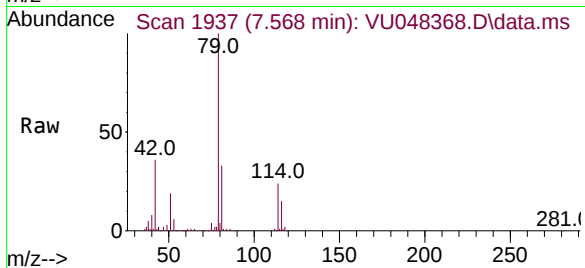
EW490ME

Tgt Ion: 75 Resp: 8856

Ion Ratio Lower Upper

75 100

77 51.8 22.0 41.0#



#42

Toluene

Concen: 2.955 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VU048368.D

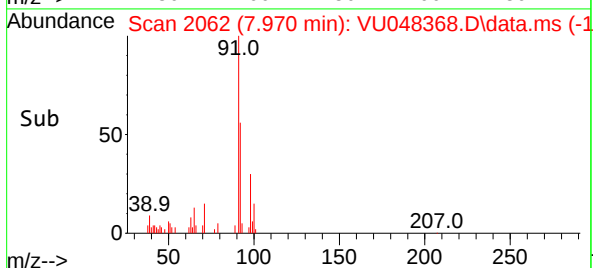
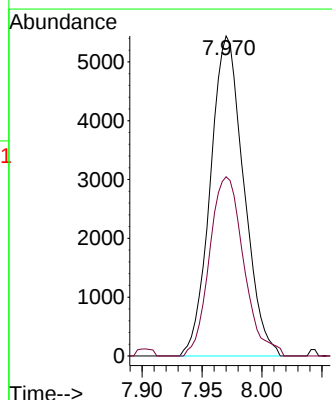
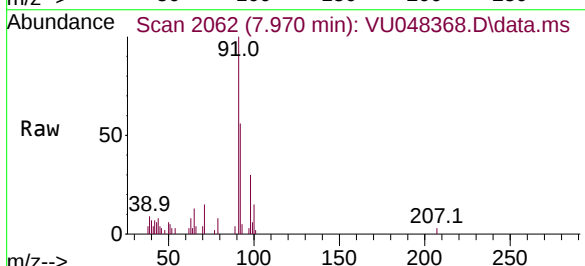
Acq: 02 May 2022 15:09

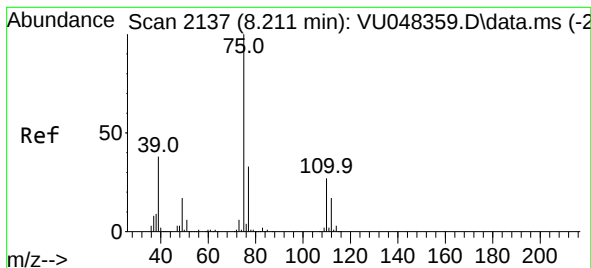
Tgt Ion: 91 Resp: 10530

Ion Ratio Lower Upper

91 100

92 56.0 40.9 76.0





#44

trans-1,3-Dichloropropene

Concen: 4.770 ug/L

RT: 8.182 min Scan# 2137

Delta R.T. -0.029 min

Lab File: VU048368.D

Acq: 02 May 2022 15:09

Instrument :

MSVOA_U

ClientSampleId :

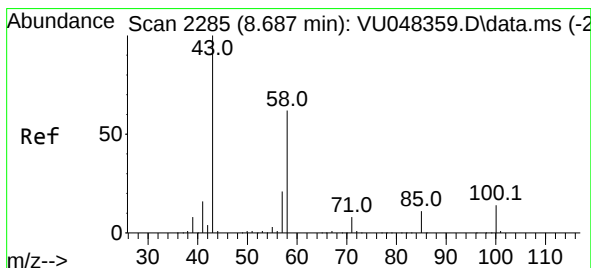
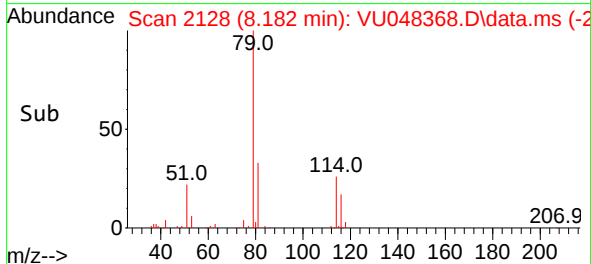
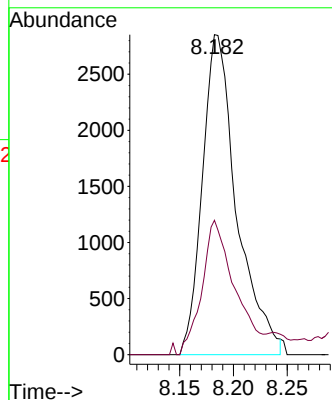
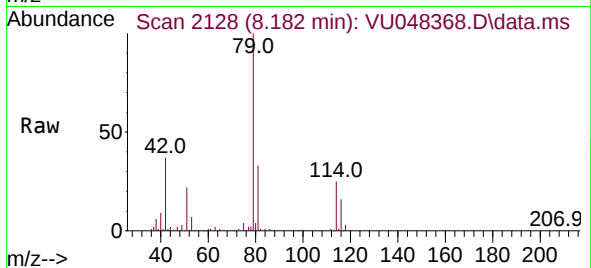
EW490ME

Tgt Ion: 75 Resp: 6328

Ion Ratio Lower Upper

75 100

77 42.0 22.1 41.1#



#48

2-Hexanone

Concen: 38.075 ug/L

RT: 8.661 min Scan# 2277

Delta R.T. -0.026 min

Lab File: VU048368.D

Acq: 02 May 2022 15:09

Tgt Ion: 43 Resp: 46312

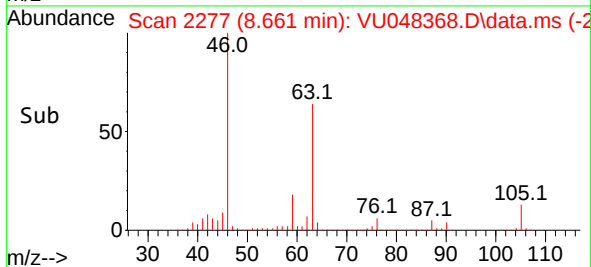
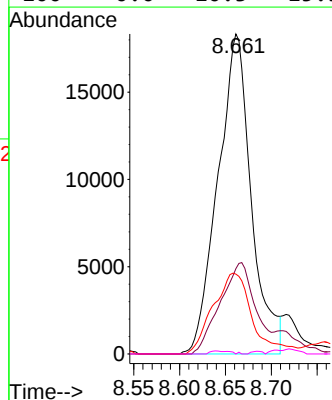
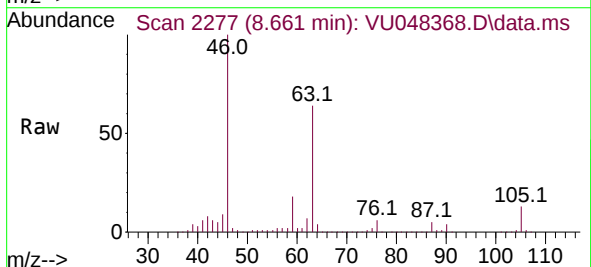
Ion Ratio Lower Upper

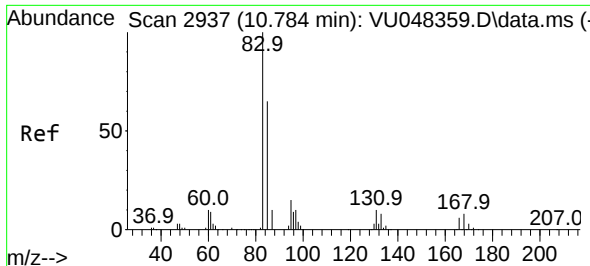
43 100

58 30.0 48.1 72.1#

57 29.8 16.2 24.4#

100 0.0 10.3 15.5#





#57

1,1,2,2-Tetrachloroethane

Concen: 1.105 ug/L

RT: 10.771 min Scan# 2937

Delta R.T. -0.013 min

Lab File: VU048368.D

Acq: 02 May 2022 15:09

Instrument :

MSVOA_U

ClientSampleId :

EW490ME

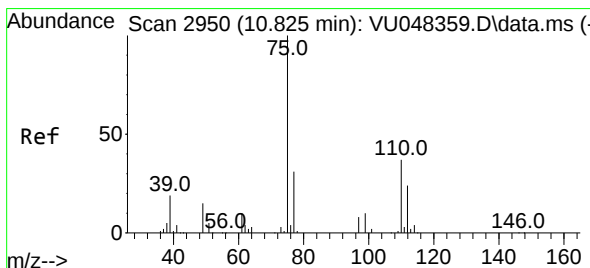
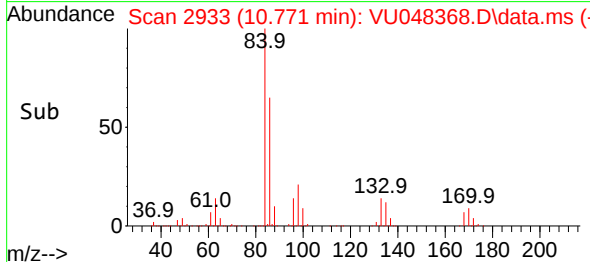
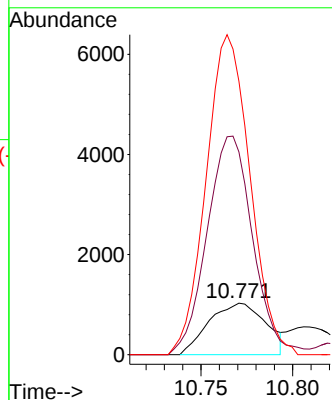
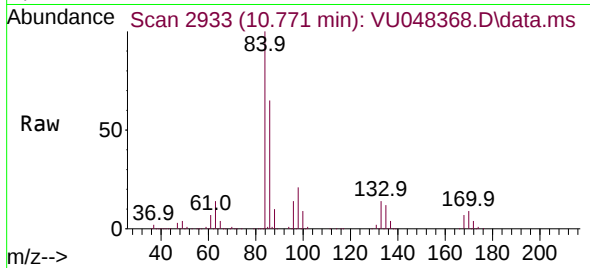
Tgt Ion: 83 Resp: 2210

Ion Ratio Lower Upper

83 100

85 393.1 45.1 83.7#

131 530.3 7.8 11.6#



#60

1,2,3-Trichloropropane

Concen: 4.311 ug/L

RT: 11.819 min Scan# 3259

Delta R.T. 0.994 min

Lab File: VU048368.D

Acq: 02 May 2022 15:09

Tgt Ion: 75 Resp: 5963

Ion Ratio Lower Upper

75 100

77 38.0 25.8 38.8

110 4.0 29.9 44.9#

