

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091521\
 Data File : VU044649.D
 Acq On : 15 Sep 2021 17:58
 Operator : SY/MD
 Sample : M3739-12
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Sep 16 01:45:30 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090921WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 16 01:40:15 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.295	114	124909	5.000	ug/L	0.04
28) Chlorobenzene-d5	9.430	117	123334	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	56054	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.623	65	29503	4.003	ug/L	0.02
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.000%
7) Chloroethane-d5	1.941	69	33368	4.436	ug/L	0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.800%
11) 1,1-Dichloroethene-d2	2.588	65	16312	4.382	ug/L	0.02
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.600%
20) 2-Butanone-d5	4.742	46	142312	46.063	ug/L	0.10
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.120%
24) Chloroform-d	5.118	84	75812	4.890	ug/L	0.05
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.800%
26) 1,2-Dichloroethane-d4	5.761	65	43017	4.654	ug/L	0.05
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.000%
32) Benzene-d6	5.780	84	140266	4.460	ug/L	0.05
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.200%
36) 1,2-Dichloropropane-d6	6.732	67	50341	4.874	ug/L	0.03
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.400%
41) Toluene-d8	7.922	98	111428	4.070	ug/L	0.02
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.400%
43) trans-1,3-Dichloroprop...	8.202	79	14715	4.042	ug/L	0.02
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.800%
46) 2-Hexanone-d5	8.658	63	117052	50.027	ug/L	0.01
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.060%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	43523	4.753	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.000%
66) 1,2-Dichlorobenzene-d4	12.198	152	43802	4.736	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.800%
Target Compounds						Qvalue
6) Bromomethane	1.890	94	624	0.100	ug/L	95
8) Chloroethane	1.916	64	5507	0.707	ug/L #	52
13) Acetone	2.758	43	17131	8.513	ug/L	77
14) Carbon disulfide	2.813	76	12640	0.498	ug/L	95
15) Methyl Acetate	3.099	43	2185	0.601	ug/L #	49
30) Cyclohexane	5.440	56	978	0.064	ug/L #	24
33) Benzene	5.829	78	15697	0.429	ug/L	100
34) Trichloroethene	6.292	95	3806	0.420	ug/L #	9
35) Methylcyclohexane	6.790	83	1394	0.094	ug/L #	86
37) 1,2-Dichloropropane	6.732	63	5627	0.574	ug/L #	88
42) Toluene	7.993	91	12829	0.336	ug/L	100
53) m,p-Xylene	9.703	106	2256	0.143	ug/L	98
54) o-Xylene	10.111	106	834	0.055	ug/L	92
61) 1,2,3-Trichloropropane	11.816	75	7994	1.291	ug/L #	68
63) 1,2,4-Trimethylbenzene	11.475	105	2106	0.070	ug/L	94
71) Naphthalene	14.092	128	1431	0.070	ug/L #	85

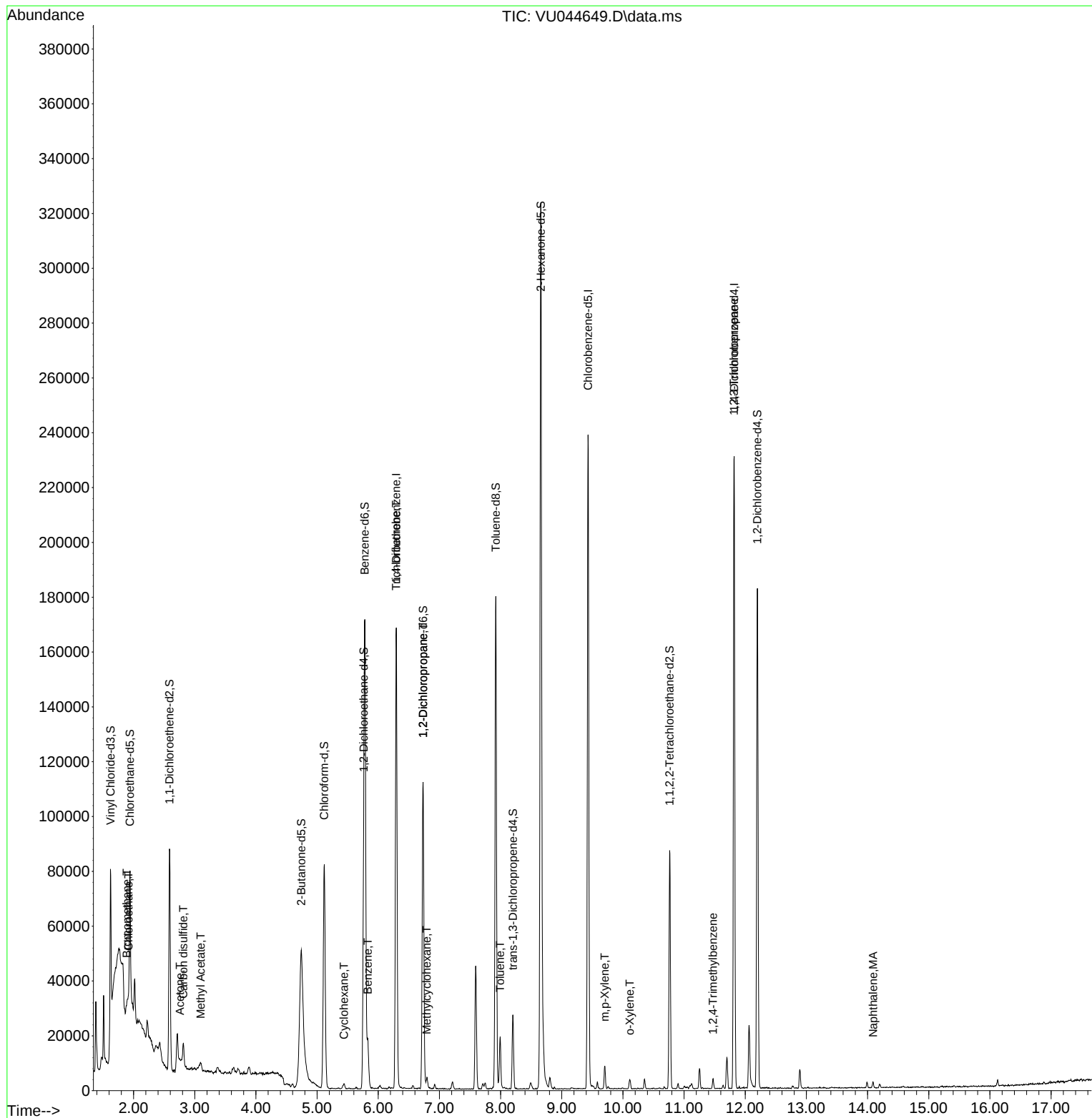
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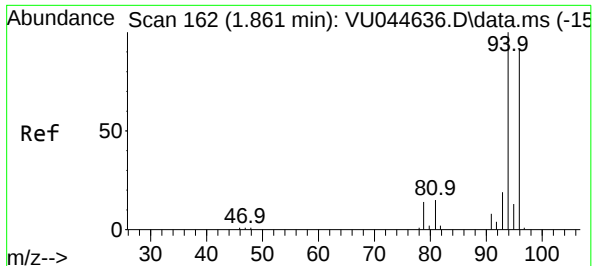
Instrument :
MSVOA_U
ClientSampleId :

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091521\
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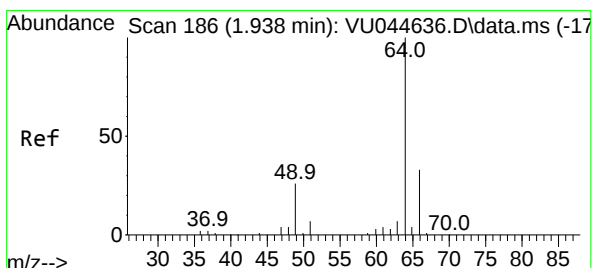
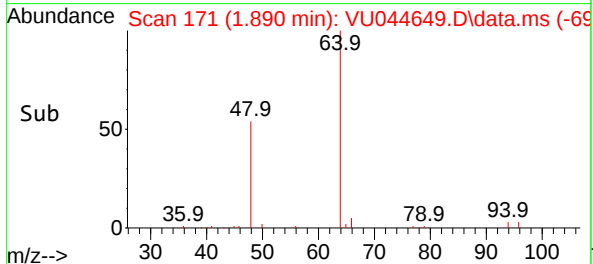
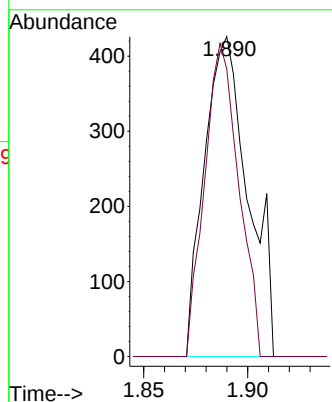
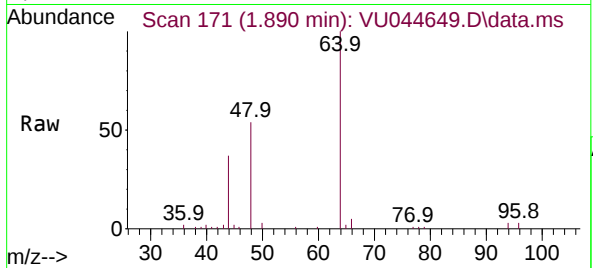




#6
Bromomethane
Concen: 0.100 ug/L
RT: 1.890 min Scan# 171
Delta R.T. 0.029 min
Lab File: VU044649.D
Acq: 15 Sep 2021 17:58

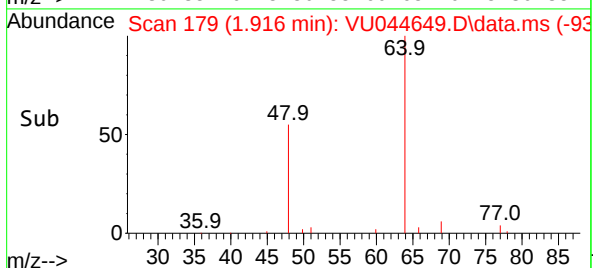
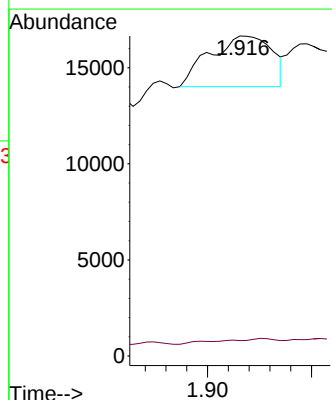
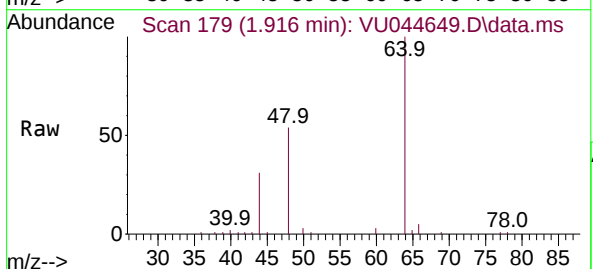
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MSVOA_U
ClientSampled :

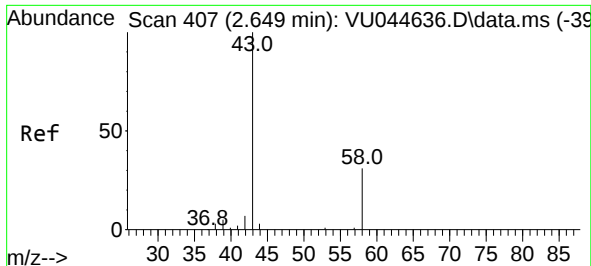
Tgt Ion: 94 Resp: 624
Ion Ratio Lower Upper
94 100
96 89.9 66.4 123.4



#8
Chloroethane
Concen: 0.707 ug/L
RT: 1.916 min Scan# 179
Delta R.T. -0.022 min
Lab File: VU044649.D
Acq: 15 Sep 2021 17:58

Tgt Ion: 64 Resp: 5507
Ion Ratio Lower Upper
64 100
66 4.8 22.1 41.1#

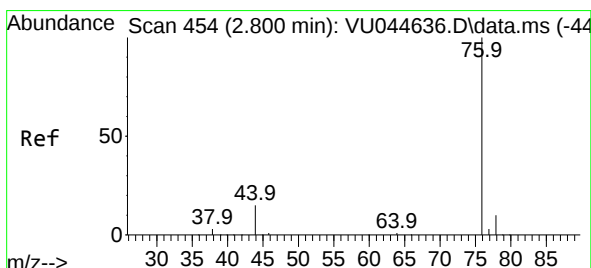
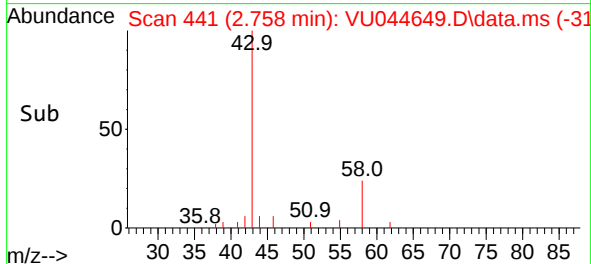
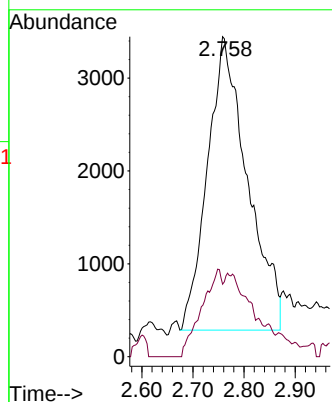
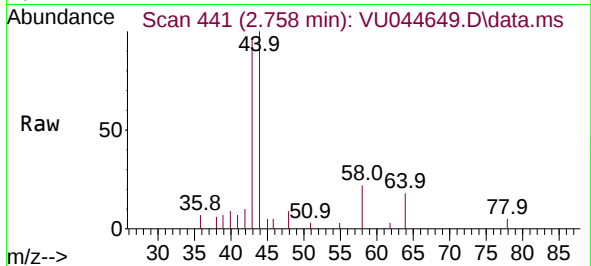




#13
Acetone
Concen: 8.513 ug/L
RT: 2.758 min Scan# 441
Delta R.T. 0.109 min
Lab File: VU044649.D
Acq: 15 Sep 2021 17:58

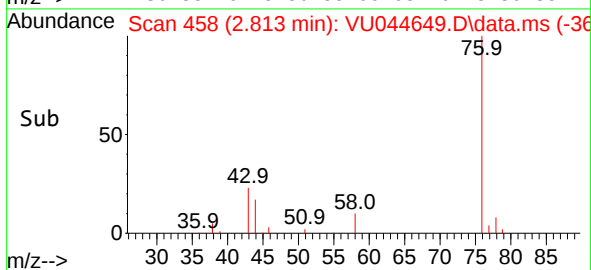
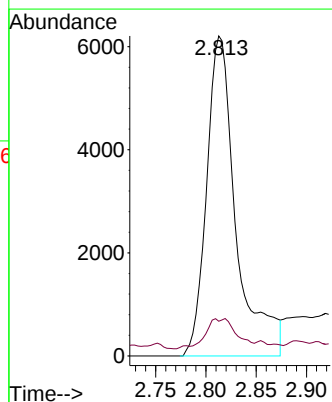
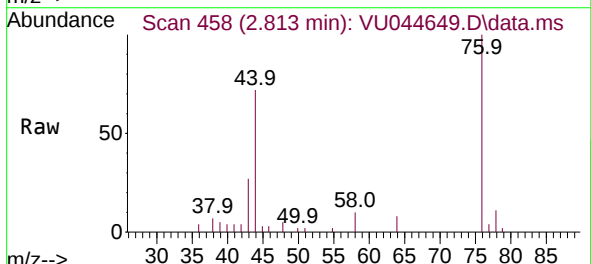
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ClientSampleId :

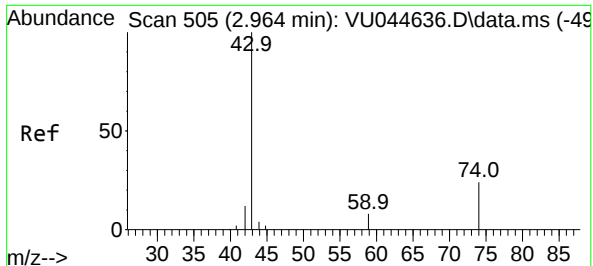
Tgt Ion: 43 Resp: 17131
Ion Ratio Lower Upper
43 100
58 10.6 0.0 42.4



#14
Carbon disulfide
Concen: 0.498 ug/L
RT: 2.813 min Scan# 458
Delta R.T. 0.013 min
Lab File: VU044649.D
Acq: 15 Sep 2021 17:58

Tgt Ion: 76 Resp: 12640
Ion Ratio Lower Upper
76 100
78 10.9 7.4 11.0

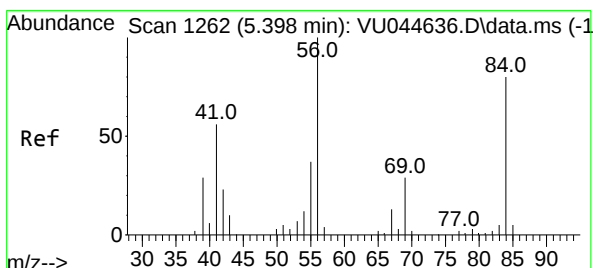
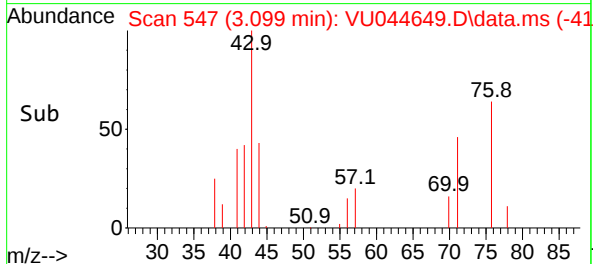
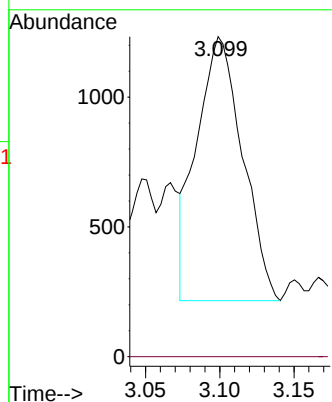
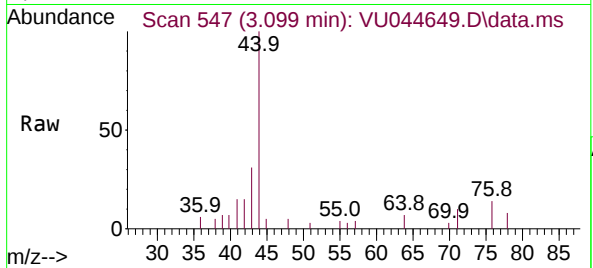




#15
Methyl Acetate
Concen: 0.601 ug/L
RT: 3.099 min Scan# 547
Delta R.T. 0.135 min
Lab File: VU044649.D
Acq: 15 Sep 2021 17:58

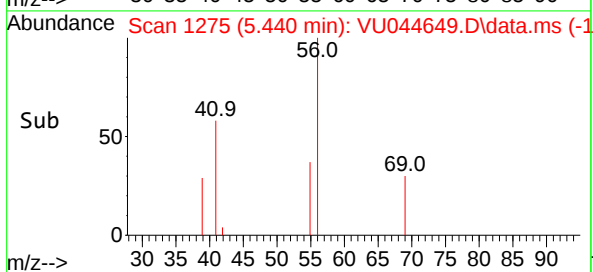
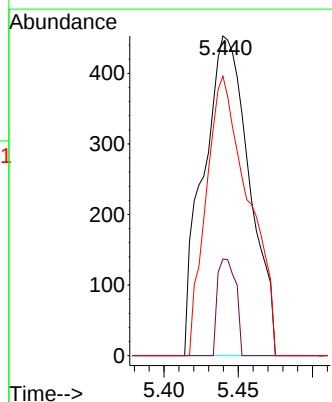
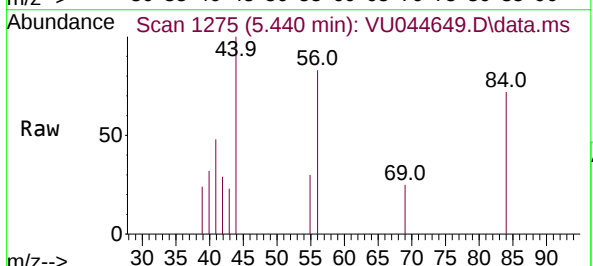
Instrument :
MSVOA_U
ClientSampled :

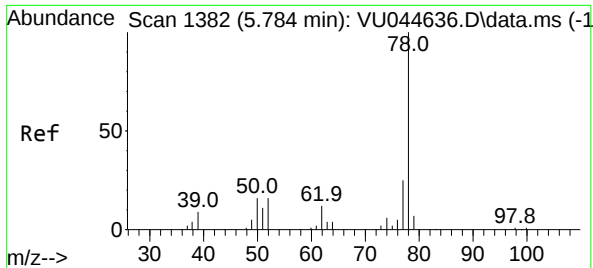
Tgt Ion: 43 Resp: 2185
Ion Ratio Lower Upper
43 100
74 0.0 20.6 30.8#



#30
Cyclohexane
Concen: 0.064 ug/L
RT: 5.440 min Scan# 1275
Delta R.T. 0.042 min
Lab File: VU044649.D
Acq: 15 Sep 2021 17:58

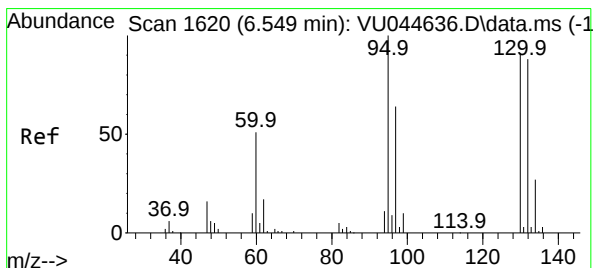
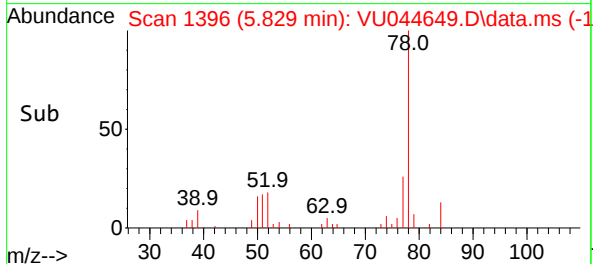
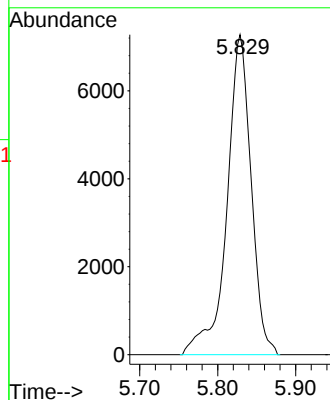
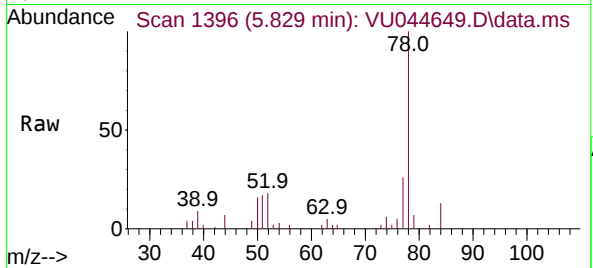
Tgt Ion: 56 Resp: 978
Ion Ratio Lower Upper
56 100
69 12.0 23.4 35.2#
84 0.0 65.5 98.3#



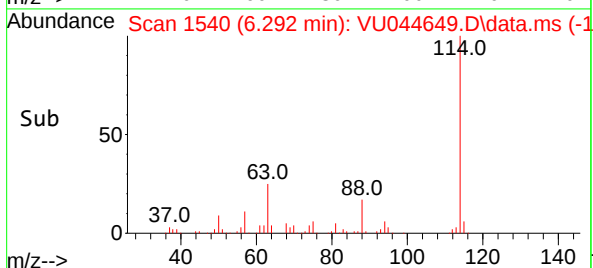
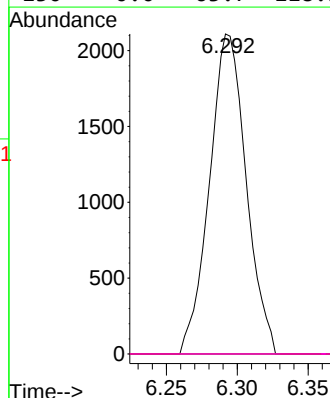
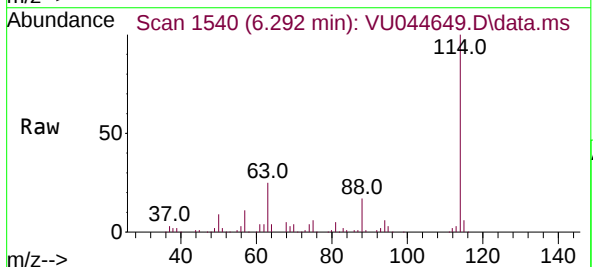


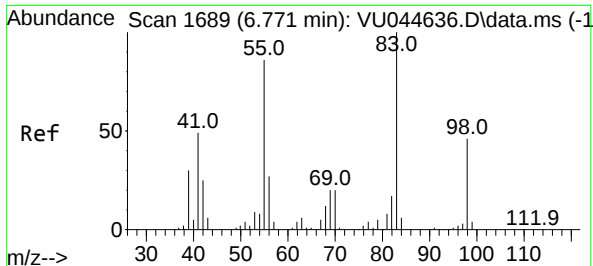
#33
Benzene
Concen: 0.429 ug/L
RT: 5.829 min Scan# 1396
Delta R.T. 0.045 min
Lab File: VU044649.D
Acq: 15 Sep 2021 17:58
Tgt Ion: 78 Resp: 15697

Instrument :
MSVOA_U
ClientSampled :



#34
Trichloroethene
Concen: 0.420 ug/L
RT: 6.292 min Scan# 1540
Delta R.T. -0.257 min
Lab File: VU044649.D
Acq: 15 Sep 2021 17:58
Tgt Ion: 95 Resp: 3806
Ion Ratio Lower Upper
95 100
97 0.0 44.7 82.9#
132 0.0 60.3 111.9#
130 0.0 63.7 118.3#

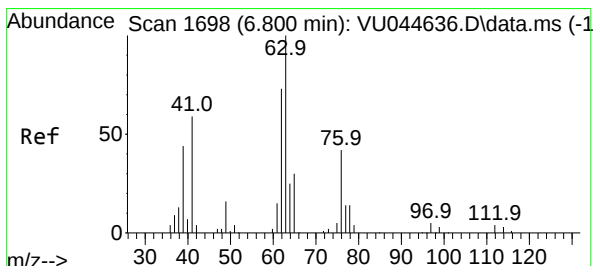
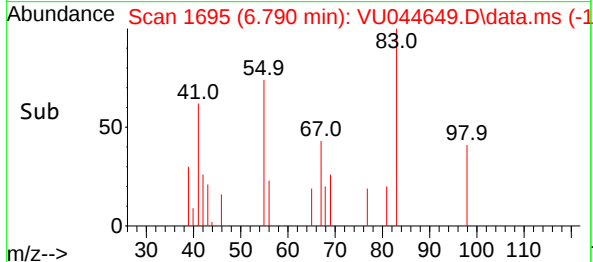
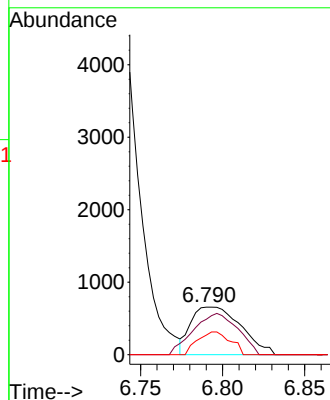
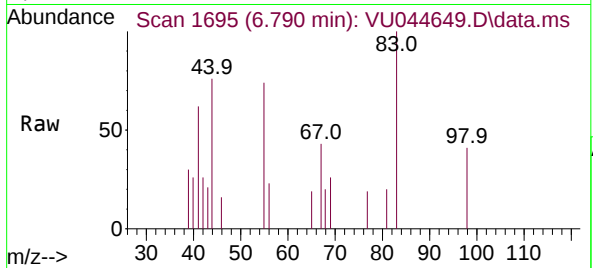




#35
Methylcyclohexane
Concen: 0.094 ug/L
RT: 6.790 min Scan# 1695
Delta R.T. 0.019 min
Lab File: VU044649.D
Acq: 15 Sep 2021 17:58

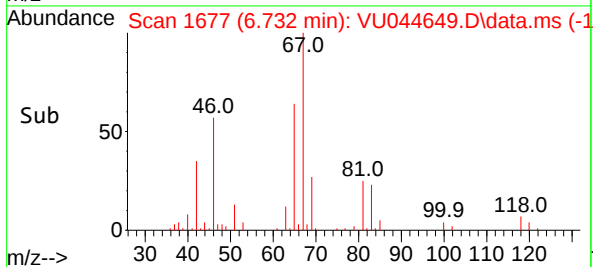
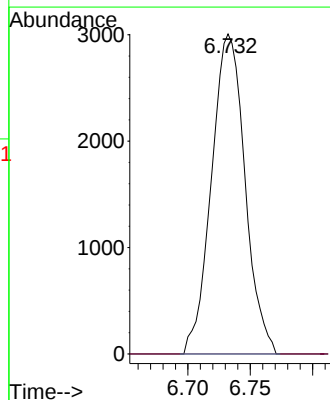
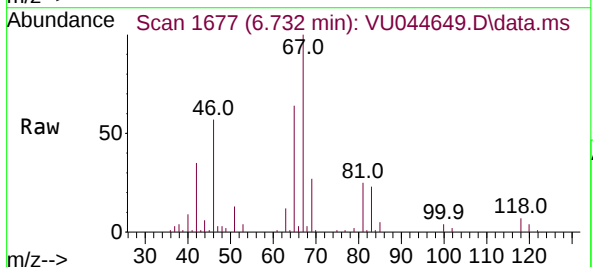
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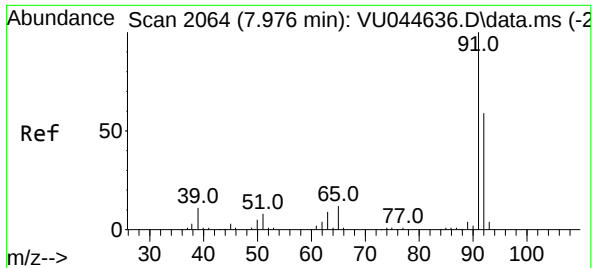
Tgt Ion: 83 Resp: 1394
Ion Ratio Lower Upper
83 100
55 77.0 68.3 102.5
98 31.1 37.3 55.9#



#37
1,2-Dichloropropane
Concen: 0.574 ug/L
RT: 6.732 min Scan# 1677
Delta R.T. -0.068 min
Lab File: VU044649.D
Acq: 15 Sep 2021 17:58

Tgt Ion: 63 Resp: 5627
Ion Ratio Lower Upper
63 100
112 0.0 3.1 4.7#

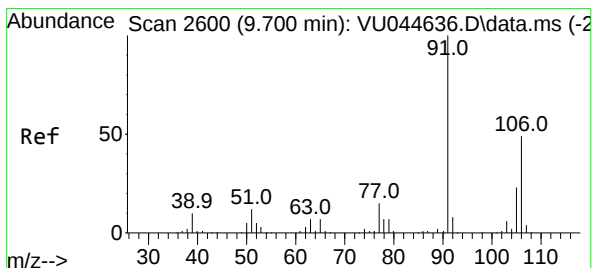
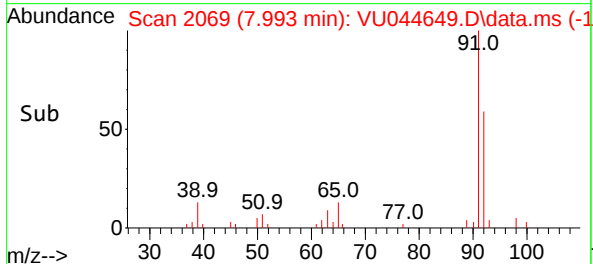
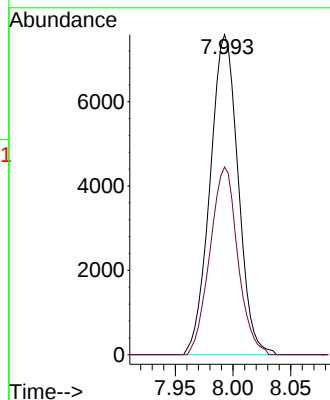
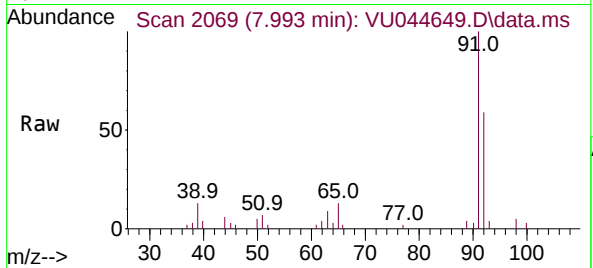




#42
Toluene
Concen: 0.336 ug/L
RT: 7.993 min Scan# 2069
Delta R.T. 0.016 min
Lab File: VU044649.D
Acq: 15 Sep 2021 17:58

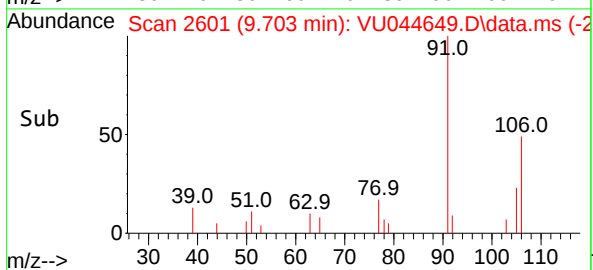
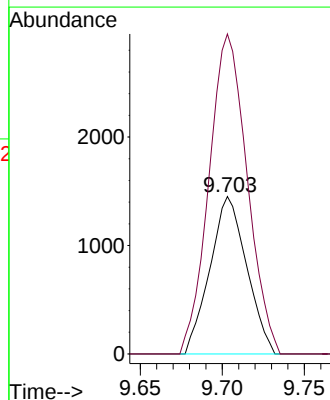
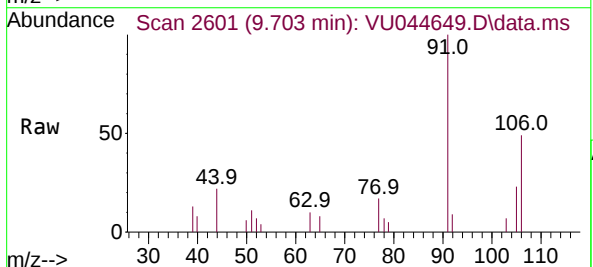
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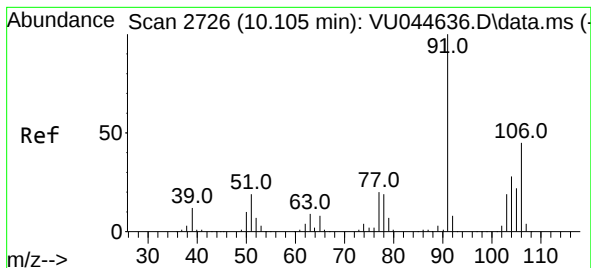
Tgt Ion: 91 Resp: 12829
Ion Ratio Lower Upper
91 100
92 58.7 41.1 76.3



#53
m,p-Xylene
Concen: 0.143 ug/L
RT: 9.703 min Scan# 2601
Delta R.T. 0.003 min
Lab File: VU044649.D
Acq: 15 Sep 2021 17:58

Tgt Ion: 106 Resp: 2256
Ion Ratio Lower Upper
106 100
91 203.4 144.6 268.6





#54

o-Xylene

Concen: 0.055 ug/L

RT: 10.111 min Scan# 2728

Delta R.T. 0.006 min

Lab File: VU044649.D

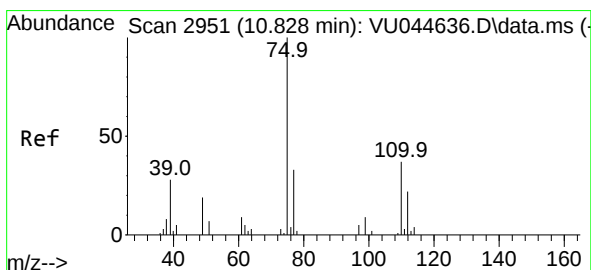
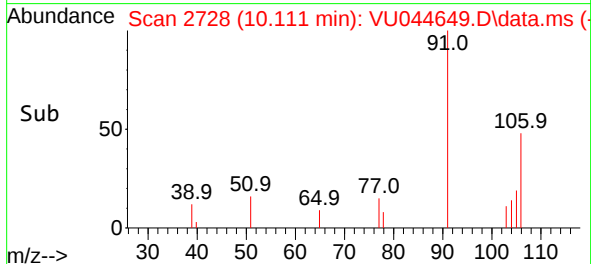
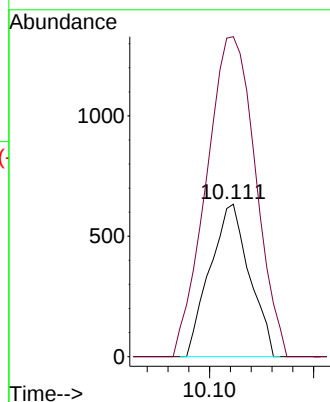
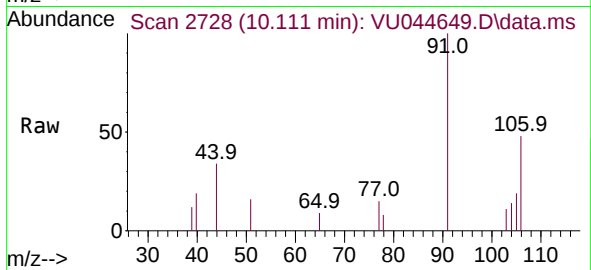
Acq: 15 Sep 2021 17:58

Tgt Ion:106 Resp: 834

Ion Ratio Lower Upper

106 100

91 210.0 156.2 290.0



#61

1,2,3-Trichloropropane

Concen: 1.291 ug/L

RT: 11.816 min Scan# 3258

Delta R.T. 0.987 min

Lab File: VU044649.D

Acq: 15 Sep 2021 17:58

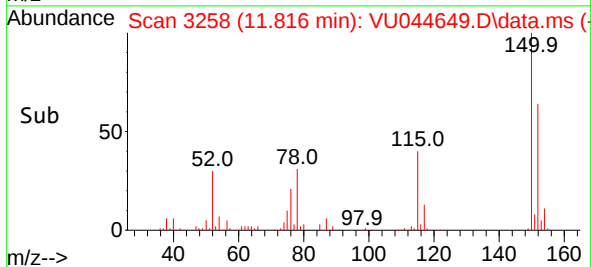
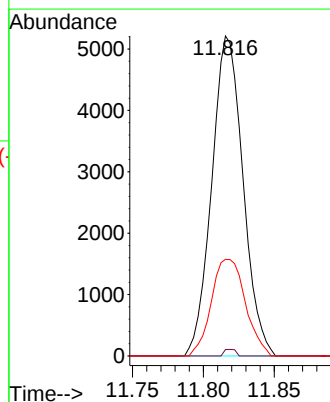
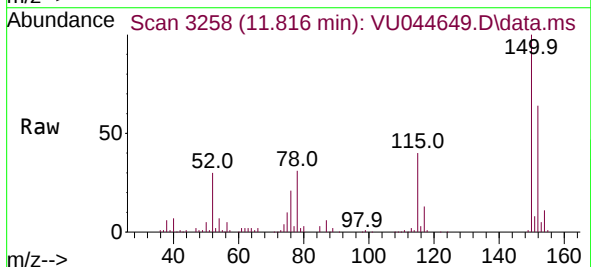
Tgt Ion: 75 Resp: 7994

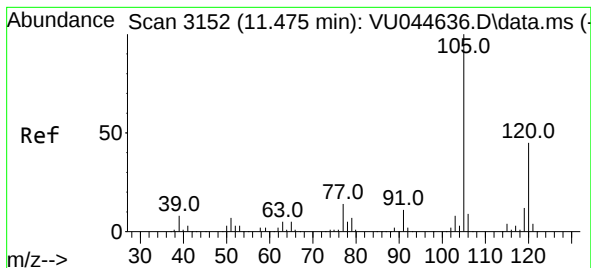
Ion Ratio Lower Upper

75 100

110 0.8 28.8 43.2#

77 32.9 25.9 38.9

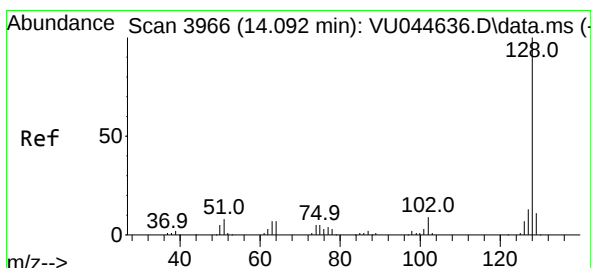
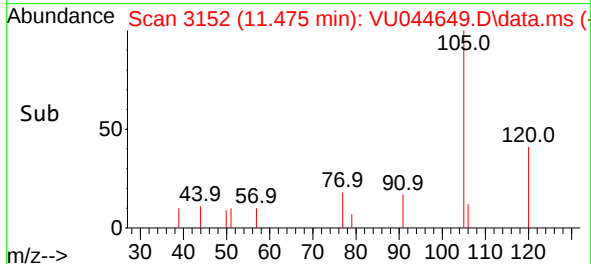
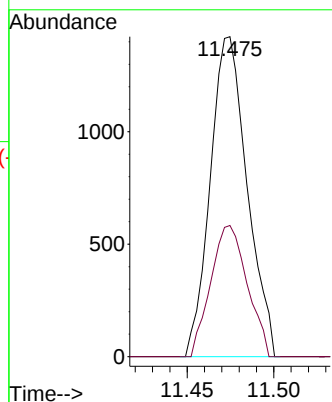
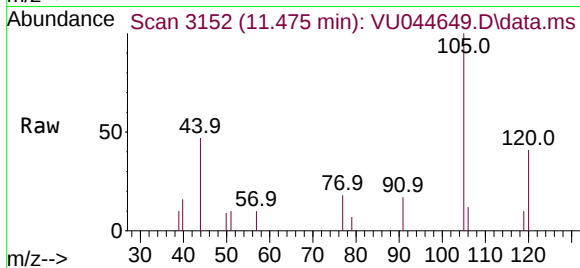




#63
1,2,4-Trimethylbenzene
Concen: 0.070 ug/L
RT: 11.475 min Scan# 3152
Delta R.T. 0.000 min
Lab File: VU044649.D
Acq: 15 Sep 2021 17:58

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:105 Resp: 2106
Ion Ratio Lower Upper
105 100
120 40.6 35.4 53.2



#71
Naphthalene
Concen: 0.070 ug/L
RT: 14.092 min Scan# 3966
Delta R.T. 0.000 min
Lab File: VU044649.D
Acq: 15 Sep 2021 17:58

Tgt Ion:128 Resp: 1431
Ion Ratio Lower Upper
128 100
129 2.8 8.7 13.1#
127 9.4 10.4 15.6#

