

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110724\
 Data File : VU061531.D
 Acq On : 07 Nov 2024 19:33
 Operator : MD/SY
 Sample : P4743-10
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 08 00:32:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 08 00:26:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	140870	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	132637	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	61045	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	48118	5.028	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 100.600%		
7) Chloroethane-d5	1.907	69	43957	5.011	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 100.200%		
11) 1,1-Dichloroethene-d2	2.554	65	27449	6.704	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 134.000%#		
20) 2-Butanone-d5	4.656	46	104926	54.006	ug/L	0.03
Spiked Amount	50.000	Range 40 - 130	Recovery	= 108.020%		
24) Chloroform-d	5.052	84	101625	5.595	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 111.800%		
26) 1,2-Dichloroethane-d4	5.695	65	51950	5.738	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 114.800%		
32) Benzene-d6	5.718	84	214468	5.739	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 114.800%		
36) 1,2-Dichloropropane-d6	6.682	67	65727	5.850	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 117.000%		
41) Toluene-d8	7.891	98	191537	5.481	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 109.600%		
43) trans-1,3-Dichloroprop...	8.174	79	20134	4.390	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 87.800%		
46) 2-Hexanone-d5	8.631	63	101593	54.081	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 108.160%		
56) 1,1,2,2-Tetrachloroeth...	10.746	84	47920	5.640	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 112.800%		
66) 1,2-Dichlorobenzene-d4	12.187	152	63952	5.916	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 118.400%		
Target Compounds						Qvalue
5) Vinyl chloride	1.599	62	71826	6.596	ug/L	98
8) Chloroethane	1.930	64	3739	0.466	ug/L #	72
14) Carbon disulfide	2.779	76	5727	0.206	ug/L #	81
15) Methyl Acetate	2.968	43	5079	1.667	ug/L #	87
16) Methylene chloride	3.036	84	2081	0.212	ug/L #	86
17) Methyl tert-butyl Ether	3.361	73	434481	19.248	ug/L	99
18) trans-1,2-Dichloroethene	3.345	96	13436	1.459	ug/L	98
19) 1,1-Dichloroethane	3.856	63	25080	1.444	ug/L	94
22) cis-1,2-Dichloroethene	4.653	96	333240	31.679	ug/L	99
33) Benzene	5.766	78	41807	1.019	ug/L	100
34) Trichloroethene	6.537	95	7802	0.699	ug/L	94
35) Methylcyclohexane	6.682	83	15131	0.852	ug/L #	22
42) Toluene	7.965	91	6924	0.155	ug/L	96
61) 1,2,3-Trichloropropane	11.804	75	7833	1.288	ug/L #	69
62) 1,3,5-Trimethylbenzene	11.081	105	5031	0.133	ug/L	99
63) 1,2,4-Trimethylbenzene	11.463	105	9262	0.247	ug/L	98

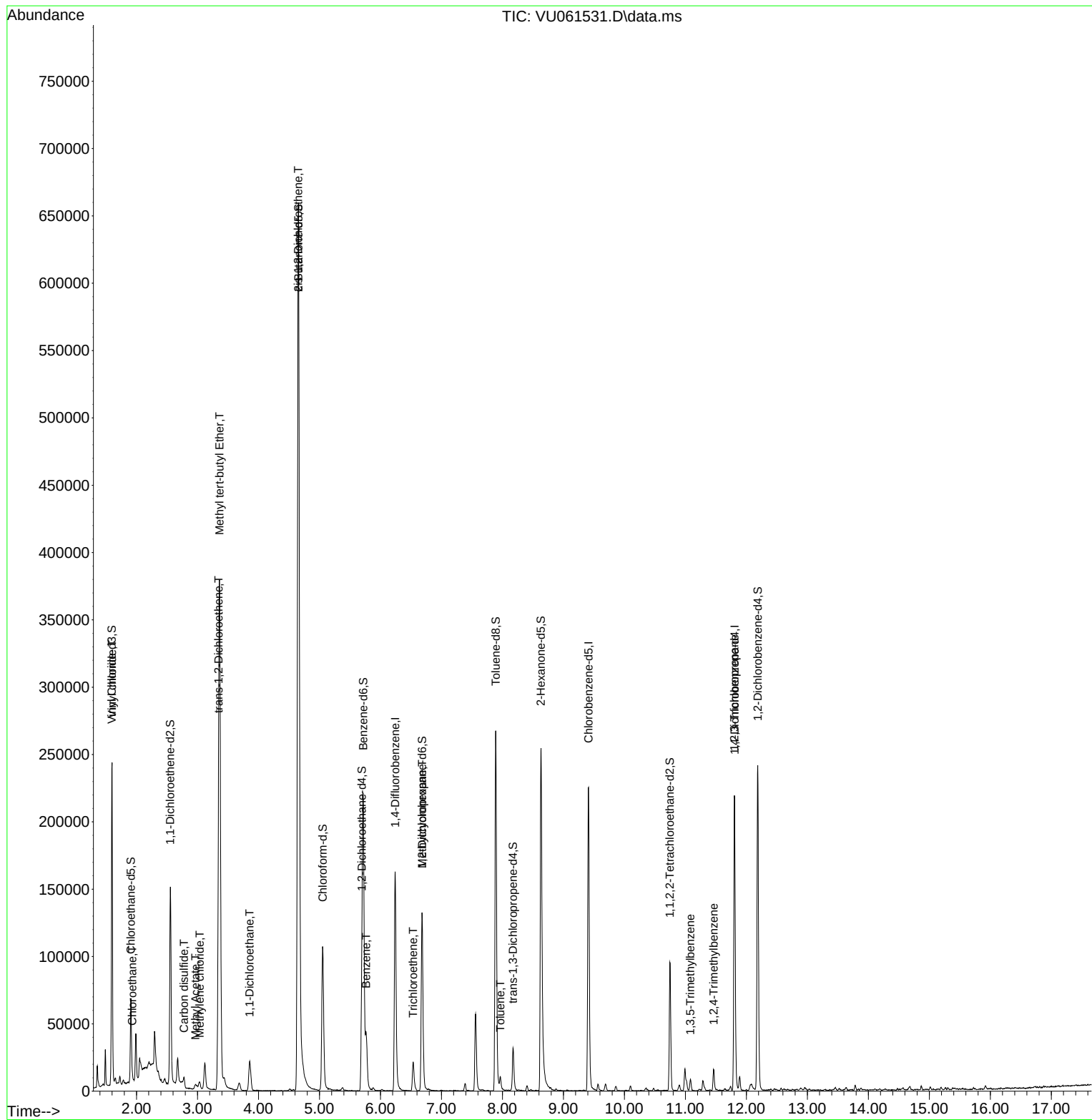
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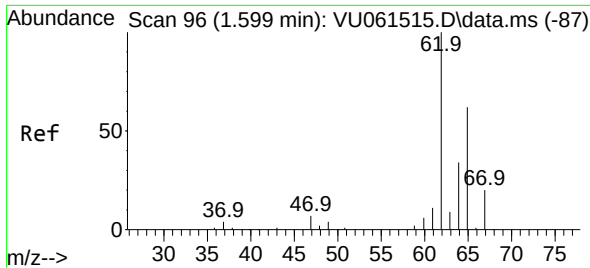
Instrument :
MSVOA_U
ClientSampleId :

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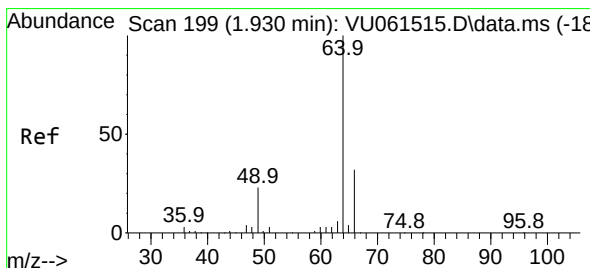
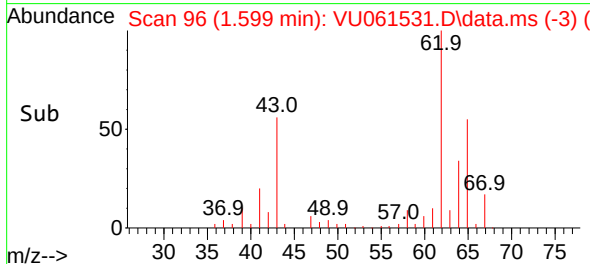
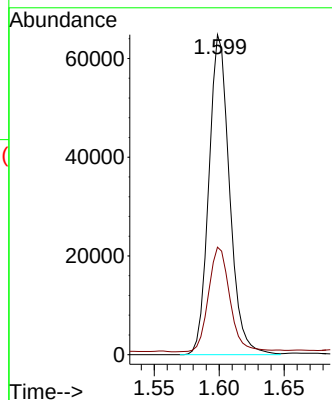
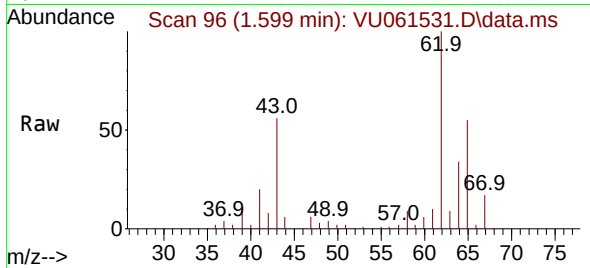




#5
Vinyl chloride
Concen: 6.596 ug/L
RT: 1.599 min Scan# 96
Delta R.T. 0.000 min
Lab File: VU061531.D
Acq: 07 Nov 2024 19:33

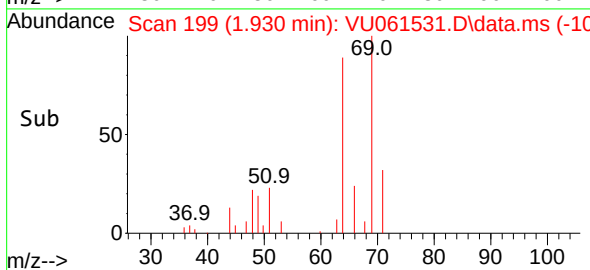
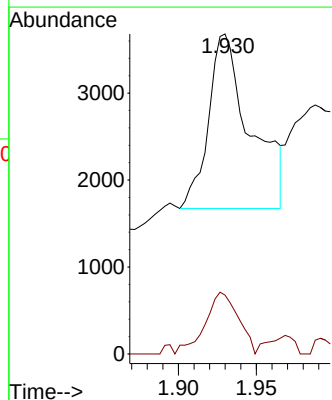
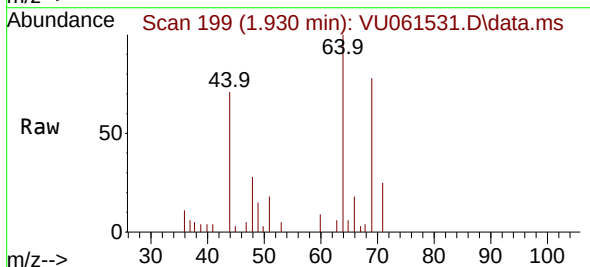
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MSVOA_U
ClientSampleId :

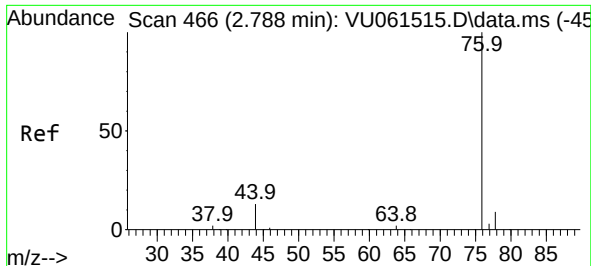
Tgt Ion: 62 Resp: 71826
Ion Ratio Lower Upper
62 100
64 33.6 22.6 42.0



#8
Chloroethane
Concen: 0.466 ug/L
RT: 1.930 min Scan# 199
Delta R.T. 0.000 min
Lab File: VU061531.D
Acq: 07 Nov 2024 19:33

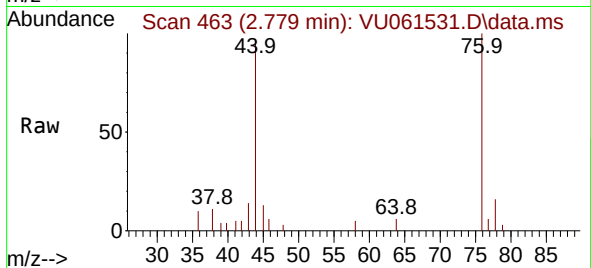
Tgt Ion: 64 Resp: 3739
Ion Ratio Lower Upper
64 100
66 17.4 23.1 42.9#



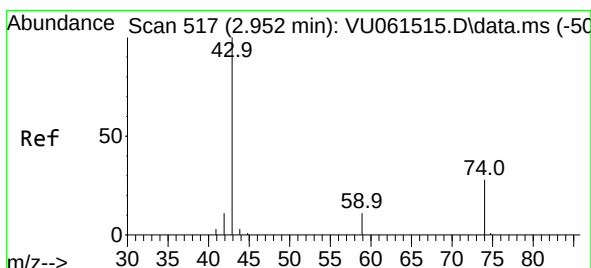
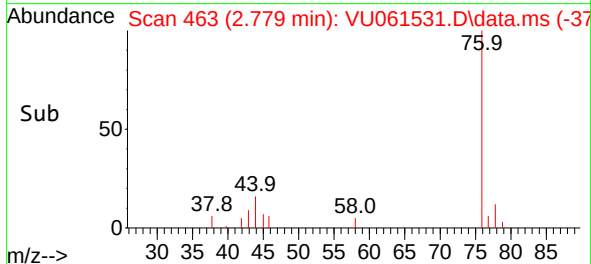
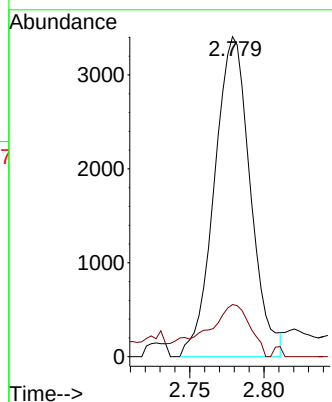


#14
Carbon disulfide
Concen: 0.206 ug/L
RT: 2.779 min Scan# 41
Delta R.T. -0.010 min
Lab File: VU061531.D
Acq: 07 Nov 2024 19:33

Instrument :
MSVOA_U
ClientSampleId :

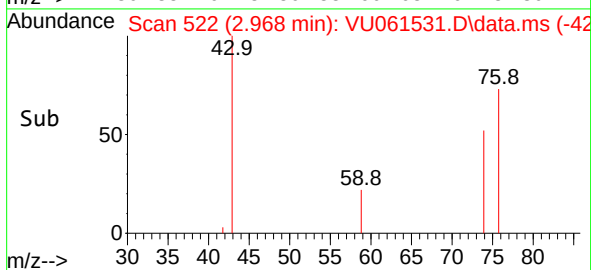
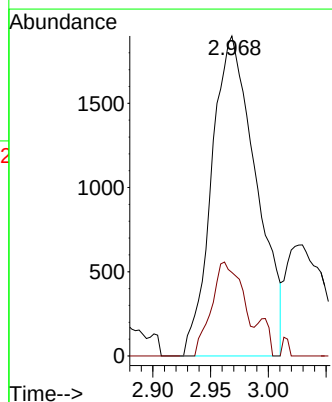
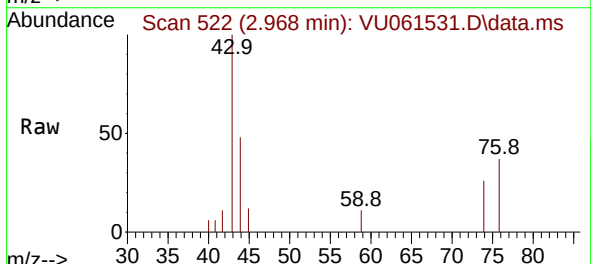


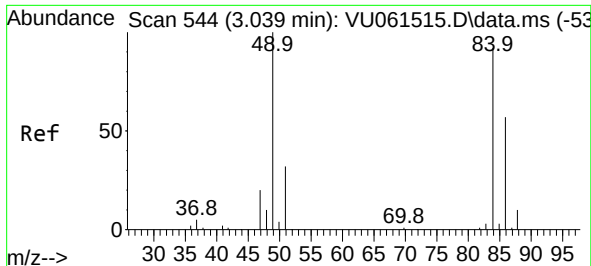
Tgt Ion: 76 Resp: 5727
Ion Ratio Lower Upper
76 100
78 16.3 7.4 11.2#



#15
Methyl Acetate
Concen: 1.667 ug/L
RT: 2.968 min Scan# 522
Delta R.T. 0.016 min
Lab File: VU061531.D
Acq: 07 Nov 2024 19:33

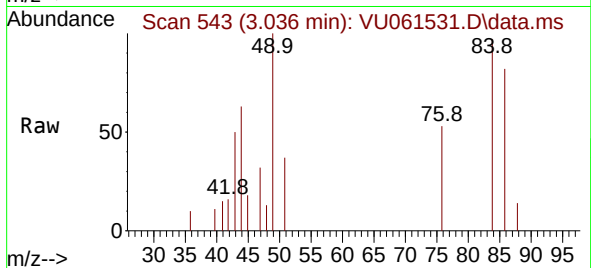
Tgt Ion: 43 Resp: 5079
Ion Ratio Lower Upper
43 100
74 20.9 22.2 33.4#



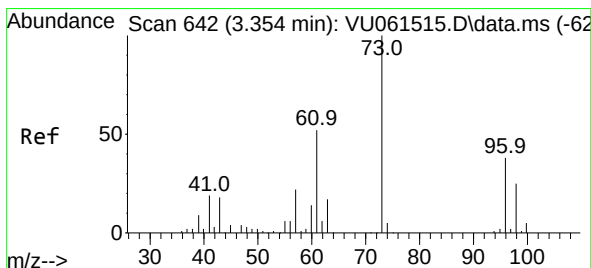
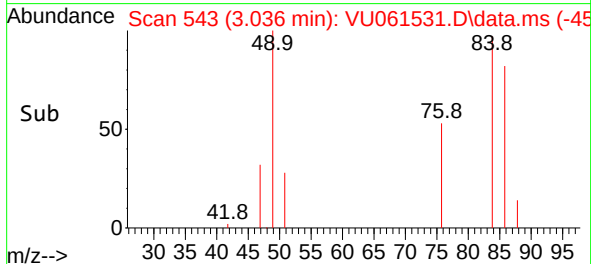
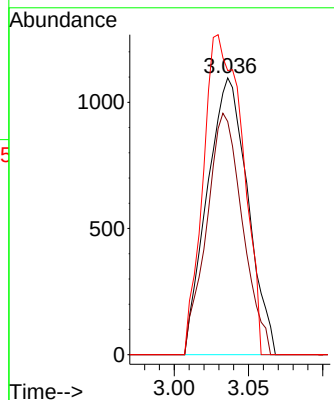


#16
Methylene chloride
Concen: 0.212 ug/L
RT: 3.036 min Scan# 54
Delta R.T. -0.003 min
Lab File: VU061531.D
Acq: 07 Nov 2024 19:33

Instrument :
MSVOA_U
ClientSampleId :

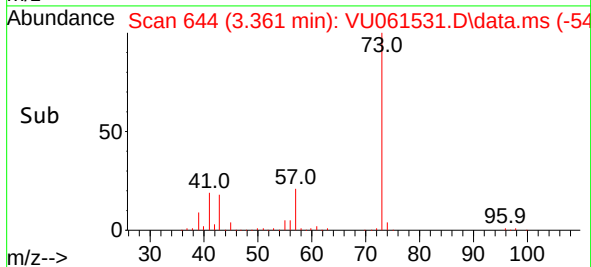
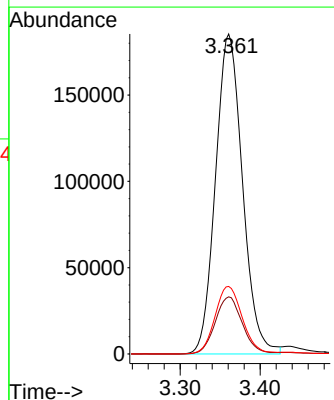
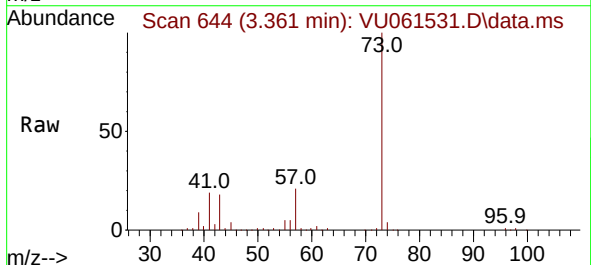


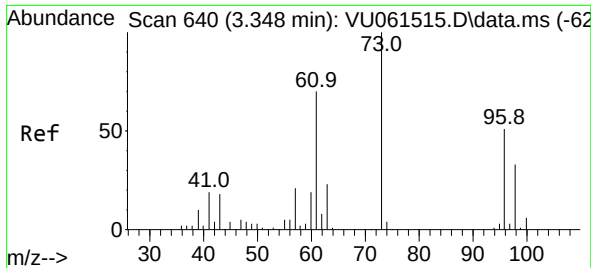
Tgt Ion: 84 Resp: 2081
Ion Ratio Lower Upper
84 100
86 84.2 43.5 80.7#
49 102.6 75.7 140.7



#17
Methyl tert-butyl Ether
Concen: 19.248 ug/L
RT: 3.361 min Scan# 644
Delta R.T. 0.006 min
Lab File: VU061531.D
Acq: 07 Nov 2024 19:33

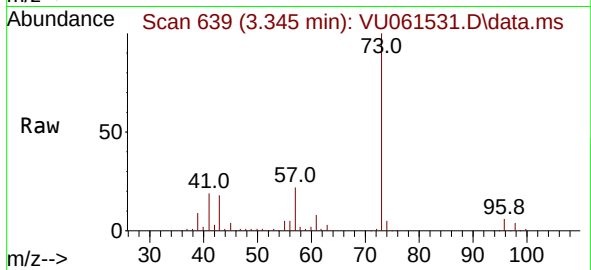
Tgt Ion: 73 Resp: 434481
Ion Ratio Lower Upper
73 100
43 18.0 15.0 22.4
57 21.4 17.0 25.6



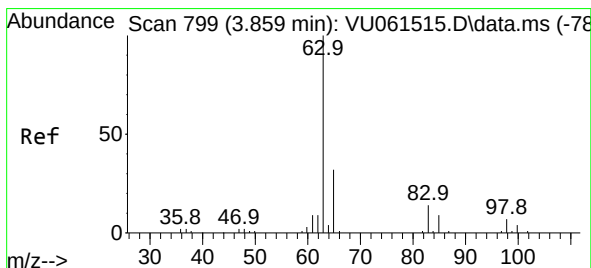
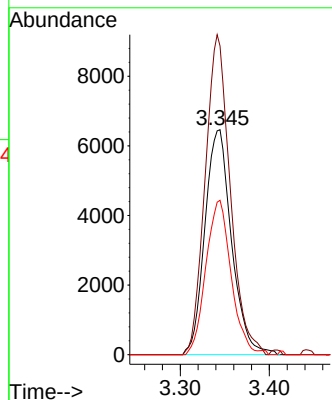
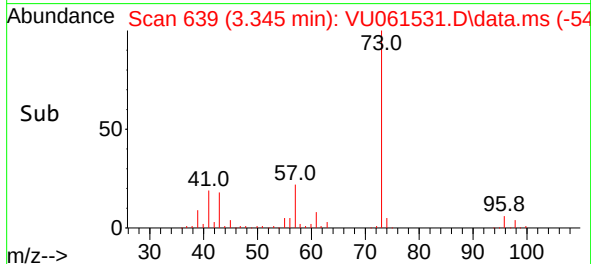


#18
 trans-1,2-Dichloroethene
 Concen: 1.459 ug/L
 RT: 3.345 min Scan# 61
 Delta R.T. -0.003 min
 Lab File: VU061531.D
 Acq: 07 Nov 2024 19:33

Instrument :
 MSVOA_U
 ClientSampleId :

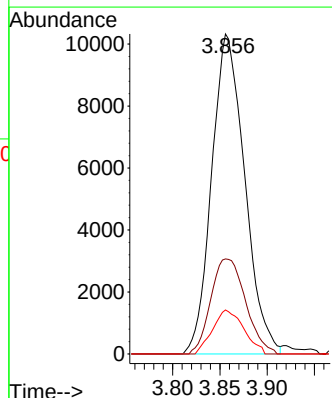
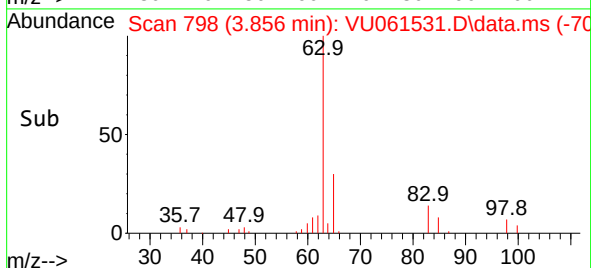
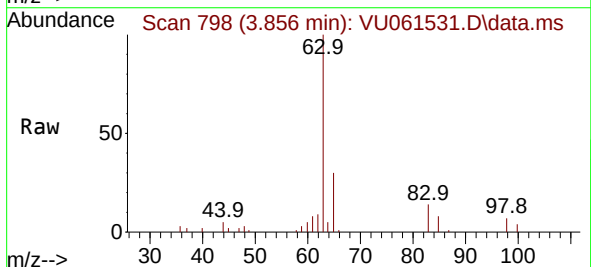


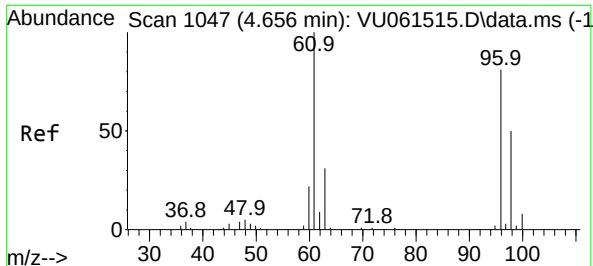
Tgt Ion: 96 Resp: 13436
 Ion Ratio Lower Upper
 96 100
 61 137.2 97.9 181.7
 98 68.6 46.2 85.8



#19
 1,1-Dichloroethane
 Concen: 1.444 ug/L
 RT: 3.856 min Scan# 798
 Delta R.T. -0.003 min
 Lab File: VU061531.D
 Acq: 07 Nov 2024 19:33

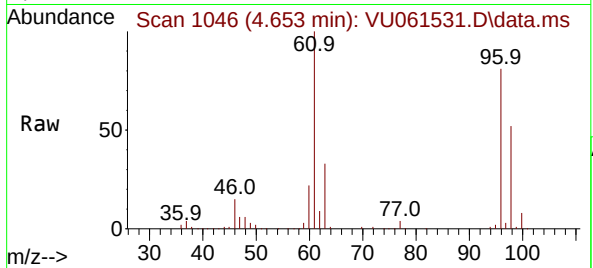
Tgt Ion: 63 Resp: 25080
 Ion Ratio Lower Upper
 63 100
 65 28.3 23.0 42.6
 83 13.1 9.7 17.9



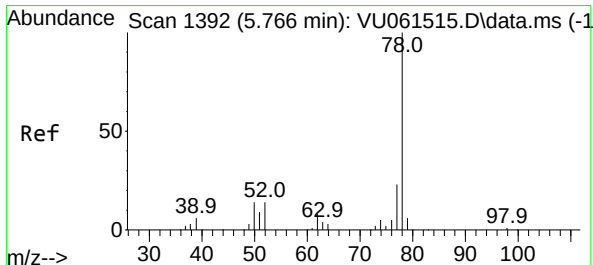
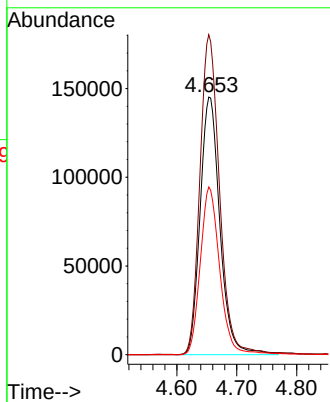
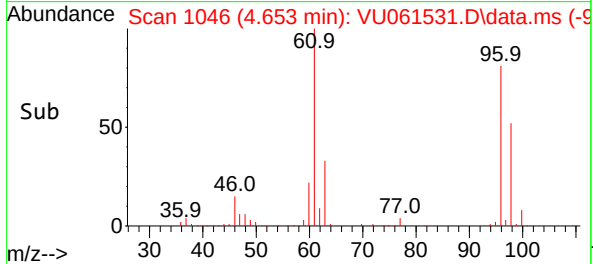


#22
cis-1,2-Dichloroethene
Concen: 31.679 ug/L
RT: 4.653 min Scan# 1046
Delta R.T. -0.003 min
Lab File: VU061531.D
Acq: 07 Nov 2024 19:33

Instrument :
MSVOA_U
ClientSampleId :

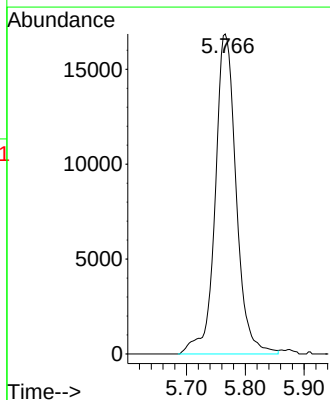
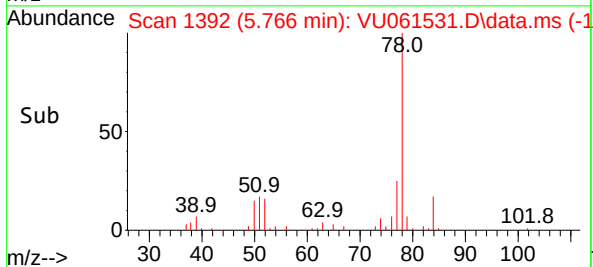
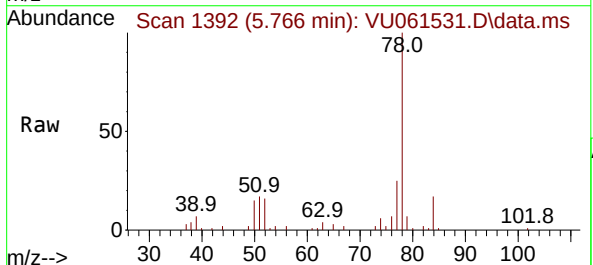


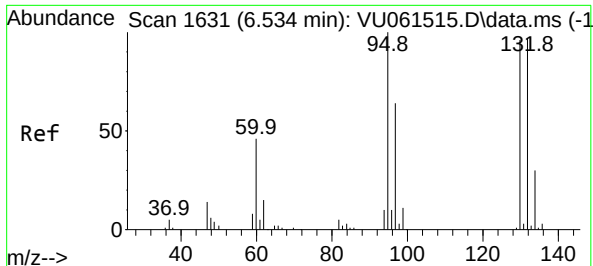
Tgt Ion: 96 Resp: 333240
Ion Ratio Lower Upper
96 100
61 124.2 88.1 163.5
98 65.1 45.0 83.6



#33
Benzene
Concen: 1.019 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VU061531.D
Acq: 07 Nov 2024 19:33

Tgt Ion: 78 Resp: 41807





#34

Trichloroethene

Concen: 0.699 ug/L

RT: 6.537 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU061531.D

Acq: 07 Nov 2024 19:33

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 7802

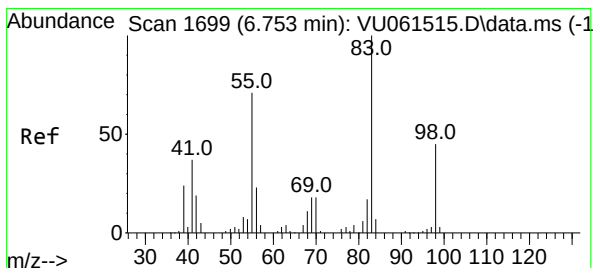
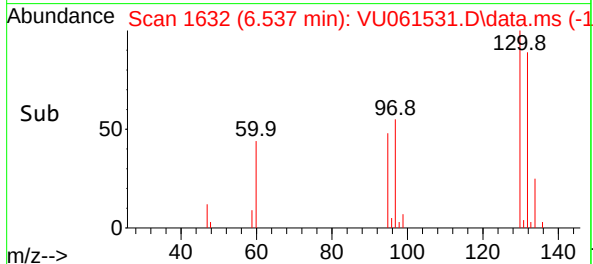
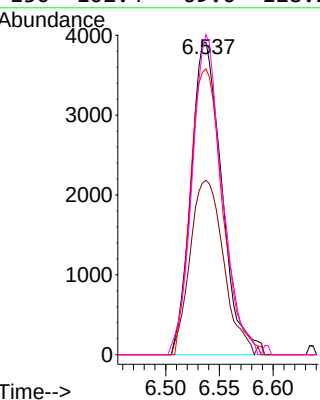
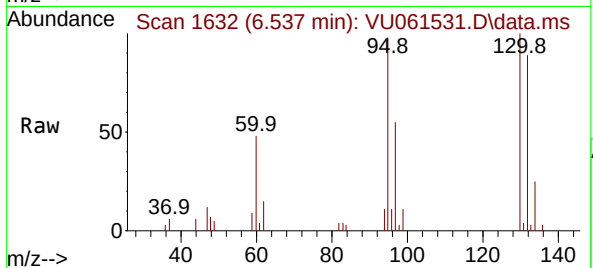
Ion Ratio Lower Upper

95 100

97 55.8 46.1 85.7

132 91.5 66.1 122.7

130 102.4 69.0 128.2



#35

Methylcyclohexane

Concen: 0.852 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.071 min

Lab File: VU061531.D

Acq: 07 Nov 2024 19:33

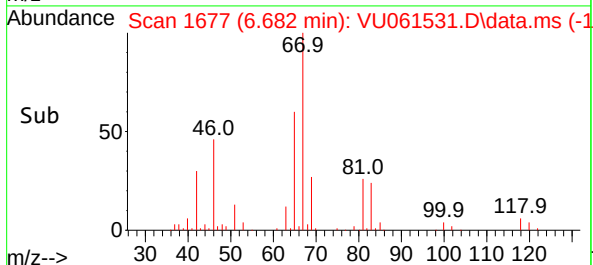
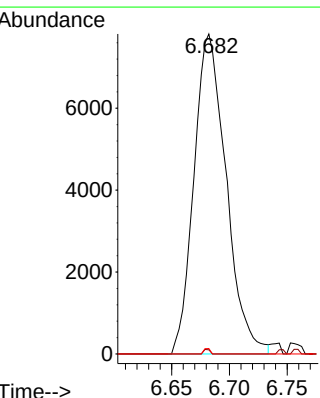
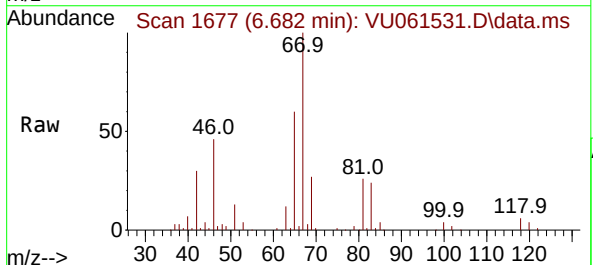
Tgt Ion: 83 Resp: 15131

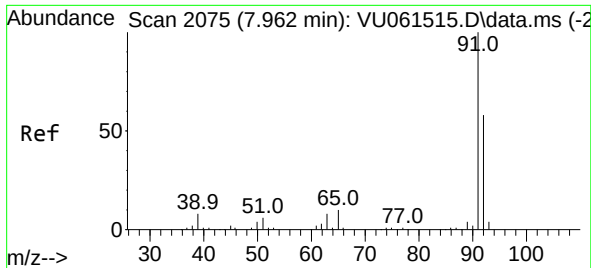
Ion Ratio Lower Upper

83 100

55 0.3 55.9 83.9#

98 0.3 35.9 53.9#





#42

Toluene

Concen: 0.155 ug/L

RT: 7.965 min Scan# 2075

Delta R.T. 0.003 min

Lab File: VU061531.D

Acq: 07 Nov 2024 19:33

Instrument :

MSVOA_U

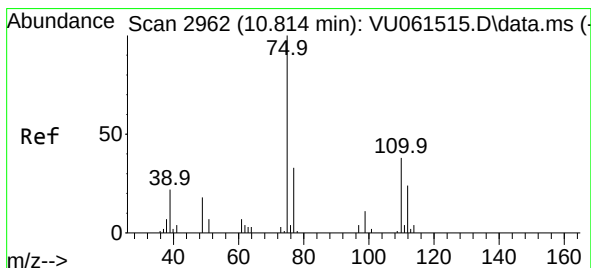
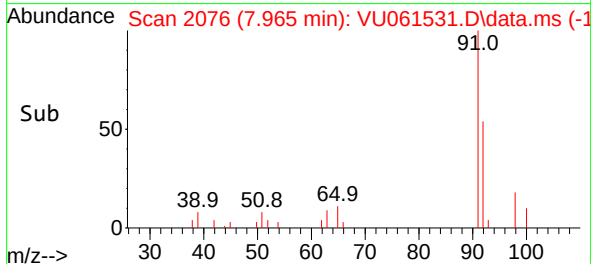
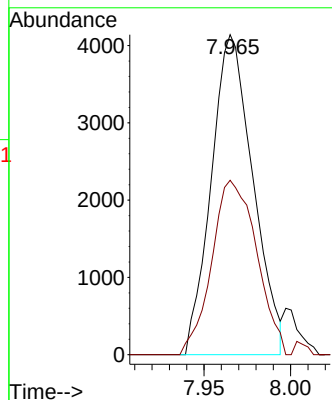
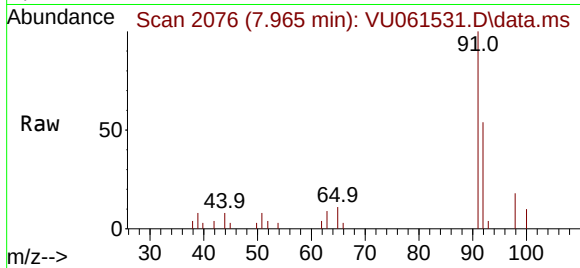
ClientSampleId :

Tgt Ion: 91 Resp: 6924

Ion Ratio Lower Upper

91 100

92 54.5 40.3 74.8



#61

1,2,3-Trichloropropane

Concen: 1.288 ug/L

RT: 11.804 min Scan# 3270

Delta R.T. 0.990 min

Lab File: VU061531.D

Acq: 07 Nov 2024 19:33

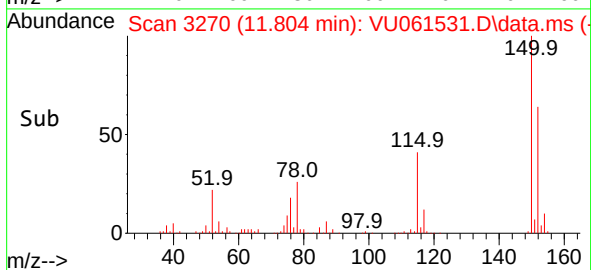
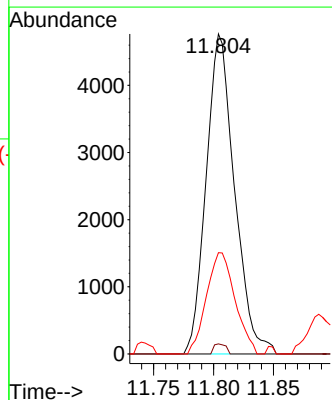
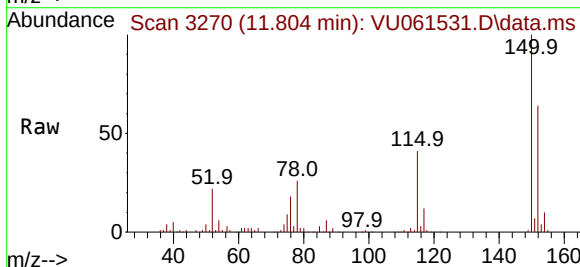
Tgt Ion: 75 Resp: 7833

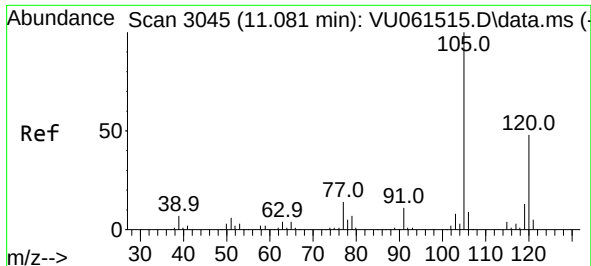
Ion Ratio Lower Upper

75 100

110 1.3 28.8 43.2

77 31.9 25.7 38.5





#62

1,3,5-Trimethylbenzene

Concen: 0.133 ug/L

RT: 11.081 min Scan# 3045

Delta R.T. 0.000 min

Lab File: VU061531.D

Acq: 07 Nov 2024 19:33

Instrument :

MSVOA_U

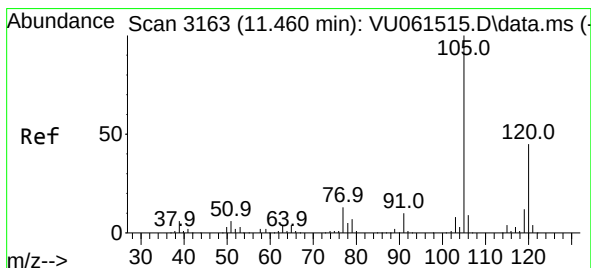
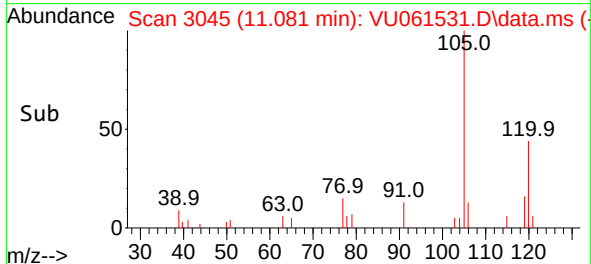
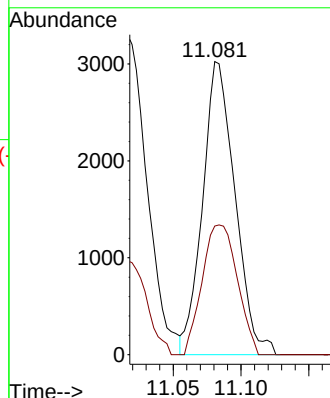
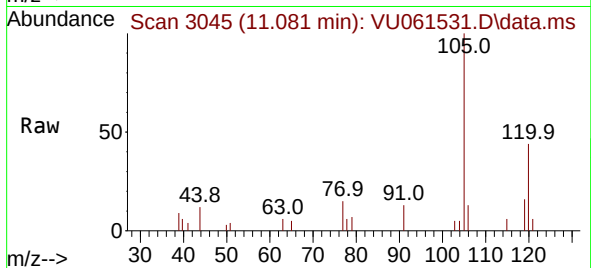
ClientSampleId :

Tgt Ion:105 Resp: 5031

Ion Ratio Lower Upper

105 100

120 48.0 38.7 58.1



#63

1,2,4-Trimethylbenzene

Concen: 0.247 ug/L

RT: 11.463 min Scan# 3164

Delta R.T. 0.003 min

Lab File: VU061531.D

Acq: 07 Nov 2024 19:33

Tgt Ion:105 Resp: 9262

Ion Ratio Lower Upper

105 100

120 45.3 35.4 53.0

