

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
 Data File : VU059820.D
 Acq On : 04 Jul 2024 00:29
 Operator : MD/SY
 Sample : P3136-16
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jul 04 02:14:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jul 04 02:08:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	188207	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	192027	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	90844	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	55203	4.218	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.400%
7) Chloroethane-d5	1.907	69	48760	3.872	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.400%
11) 1,1-Dichloroethene-d2	2.560	65	23154	4.265	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.200%
20) 2-Butanone-d5	4.624	46	145639	54.026	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.060%
24) Chloroform-d	5.055	84	111564	4.153	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.000%
26) 1,2-Dichloroethane-d4	5.695	65	57272	4.426	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.600%
32) Benzene-d6	5.718	84	227492	4.305	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.000%
36) 1,2-Dichloropropane-d6	6.682	67	71028	4.386	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.800%
41) Toluene-d8	7.891	98	197582	4.022	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.400%
43) trans-1,3-Dichloroprop...	8.174	79	24112	4.755	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.000%
46) 2-Hexanone-d5	8.627	63	116270	55.183	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.360%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	62027	4.636	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	81095	5.016	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.400%
Target Compounds						Qvalue
3) Chloromethane	1.515	50	5836	0.340	ug/L	100
13) Acetone	2.641	43	7450	4.260	ug/L	96
16) Methylene chloride	3.039	84	2838	0.179	ug/L	84
17) Methyl tert-butyl Ether	3.354	73	47651	1.657	ug/L	99
25) Chloroform	5.078	83	6626	0.246	ug/L	94
30) Cyclohexane	5.380	56	2303	0.118	ug/L	98
33) Benzene	5.769	78	16180	0.277	ug/L	100
35) Methylcyclohexane	6.756	83	2008	0.089	ug/L #	65
37) 1,2-Dichloropropane	6.682	63	7413	0.491	ug/L #	90
47) Tetrachloroethene	8.547	164	14588	1.190	ug/L	90
49) Dibromochloromethane	8.547	129	13749	1.116	ug/L #	12
52) Ethylbenzene	9.566	91	7141	0.113	ug/L	99
53) m,p-Xylene	9.688	106	5616	0.231	ug/L	87
61) 1,2,3-Trichloropropane	11.804	75	10111	1.204	ug/L #	70
63) 1,2,4-Trimethylbenzene	11.467	105	2561	0.060	ug/L	99
71) Naphthalene	14.090	128	7871	0.339	ug/L #	97

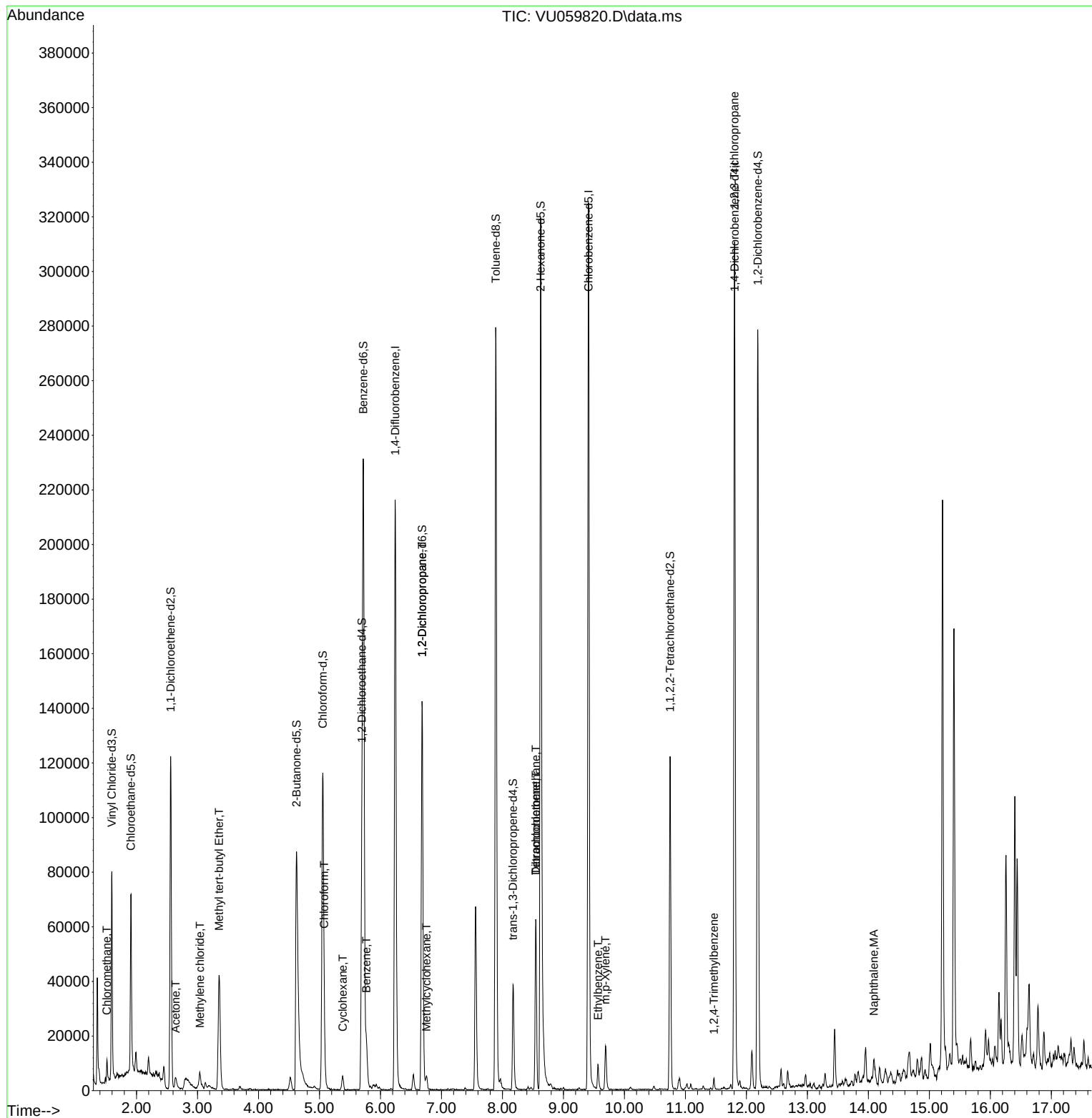
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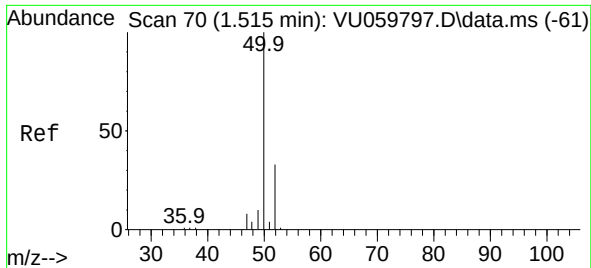
Instrument :
MSVOA_U
ClientSampleId :

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU070324\
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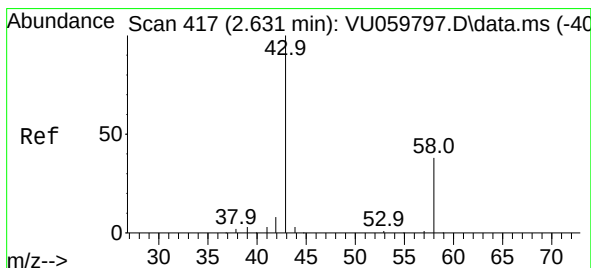
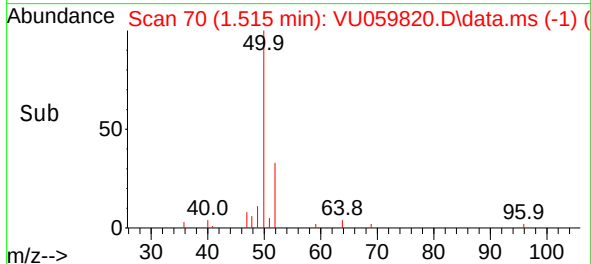
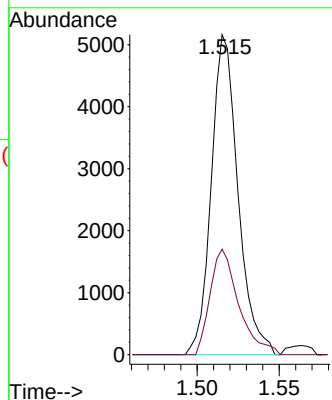
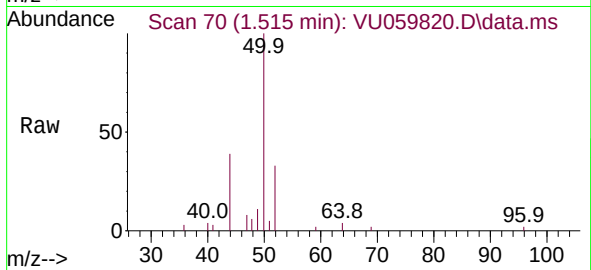




#3
Chloromethane
Concen: 0.340 ug/L
RT: 1.515 min Scan# 70
Delta R.T. -0.000 min
Lab File: VU059820.D
Acq: 04 Jul 2024 00:29

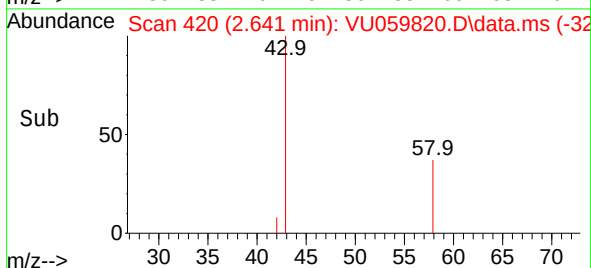
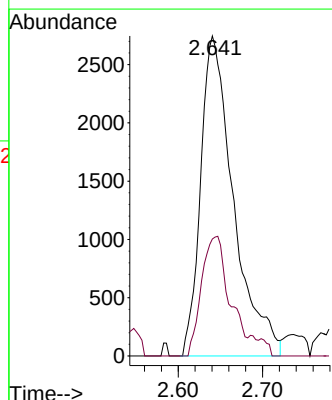
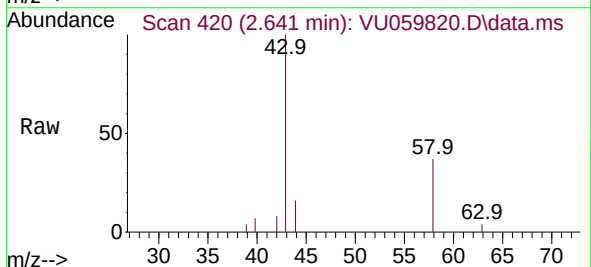
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MSVOA_U
ClientSampleId :

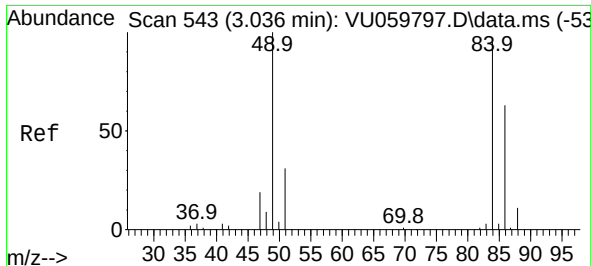
Tgt Ion: 50 Resp: 5836
Ion Ratio Lower Upper
50 100
52 33.0 23.2 43.0



#13
Acetone
Concen: 4.260 ug/L
RT: 2.641 min Scan# 420
Delta R.T. 0.010 min
Lab File: VU059820.D
Acq: 04 Jul 2024 00:29

Tgt Ion: 43 Resp: 7450
Ion Ratio Lower Upper
43 100
58 31.8 0.0 68.0

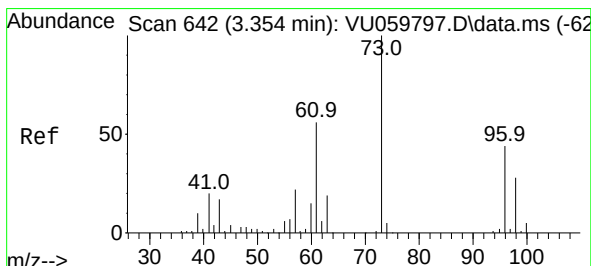
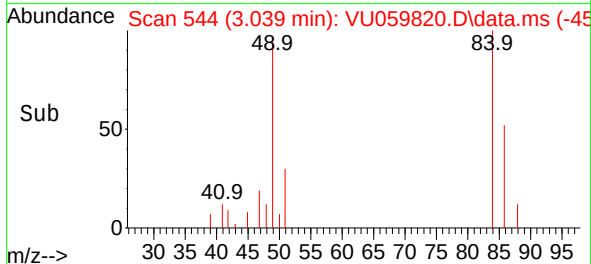
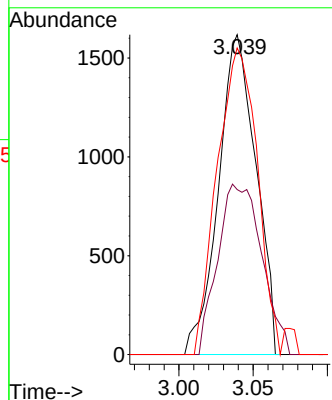
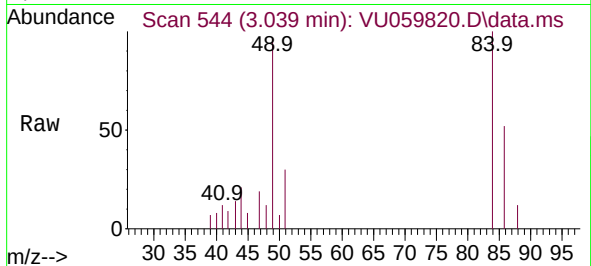




#16
Methylene chloride
Concen: 0.179 ug/L
RT: 3.039 min Scan# 543
Delta R.T. 0.003 min
Lab File: VU059820.D
Acq: 04 Jul 2024 00:29

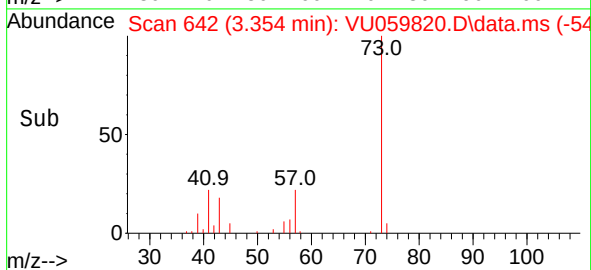
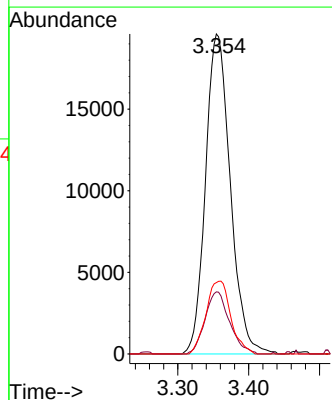
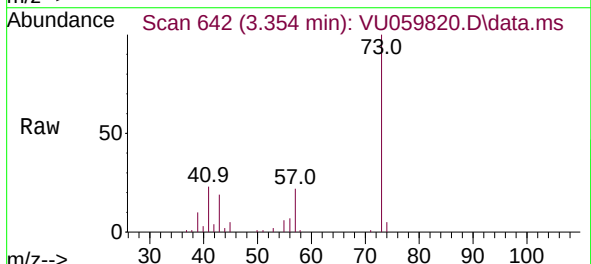
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ClientSampleId :

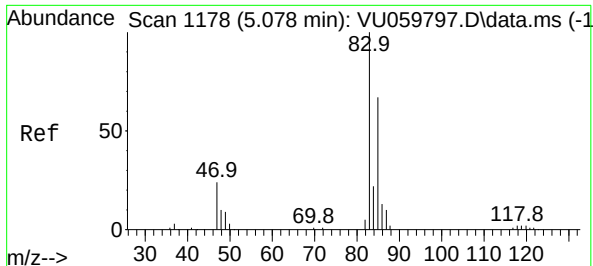
Tgt Ion: 84 Resp: 2838
Ion Ratio Lower Upper
84 100
86 51.6 42.1 78.1
49 95.9 80.6 149.8



#17
Methyl tert-butyl Ether
Concen: 1.657 ug/L
RT: 3.354 min Scan# 642
Delta R.T. -0.000 min
Lab File: VU059820.D
Acq: 04 Jul 2024 00:29

Tgt Ion: 73 Resp: 47651
Ion Ratio Lower Upper
73 100
43 19.2 14.9 22.3
57 22.7 18.0 27.0





#25

Chloroform

Concen: 0.246 ug/L

RT: 5.078 min Scan# 1178

Delta R.T. -0.000 min

Lab File: VU059820.D

Acq: 04 Jul 2024 00:29

Instrument :

MSVOA_U

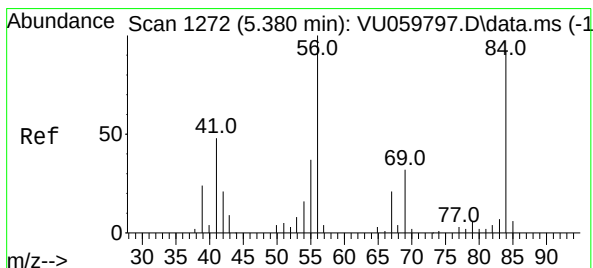
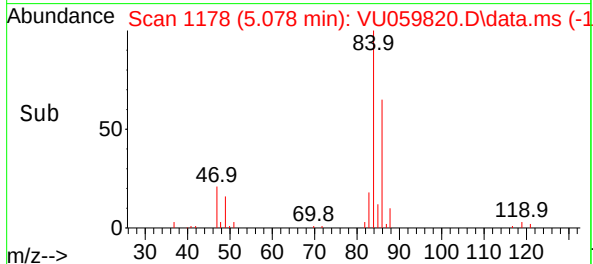
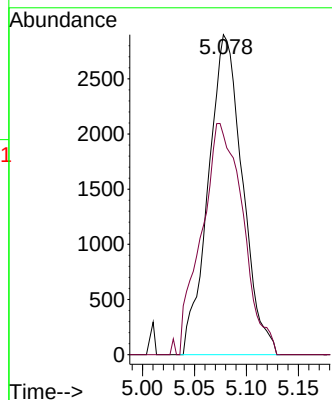
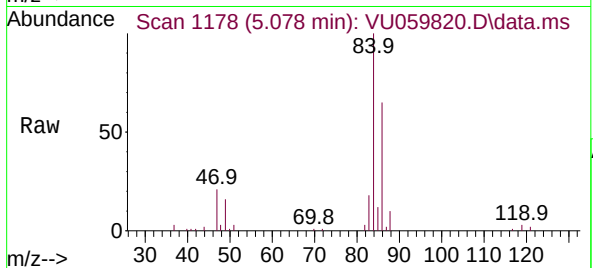
ClientSampleId :

Tgt Ion: 83 Resp: 6626

Ion Ratio Lower Upper

83 100

85 68.7 44.7 83.1



#30

Cyclohexane

Concen: 0.118 ug/L

RT: 5.380 min Scan# 1272

Delta R.T. -0.000 min

Lab File: VU059820.D

Acq: 04 Jul 2024 00:29

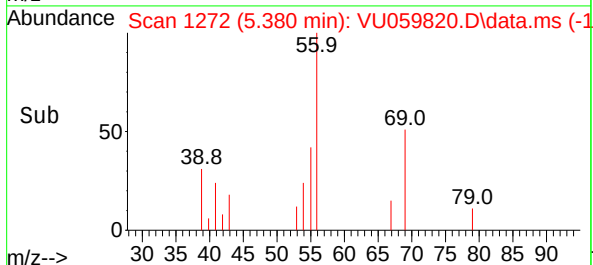
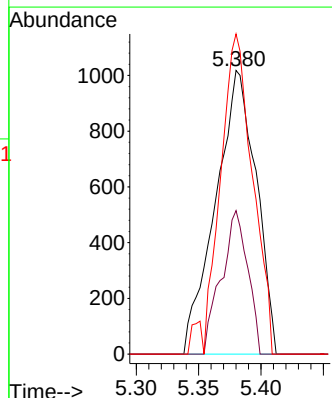
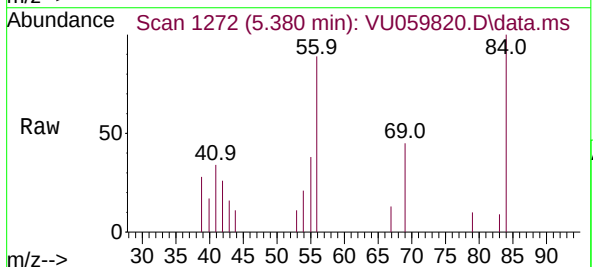
Tgt Ion: 56 Resp: 2303

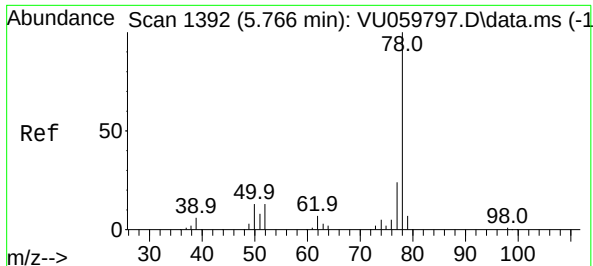
Ion Ratio Lower Upper

56 100

69 33.0 24.8 37.2

84 88.3 69.8 104.8

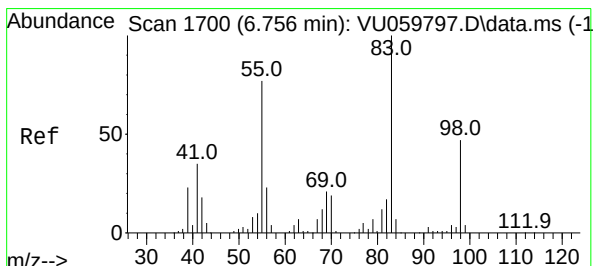
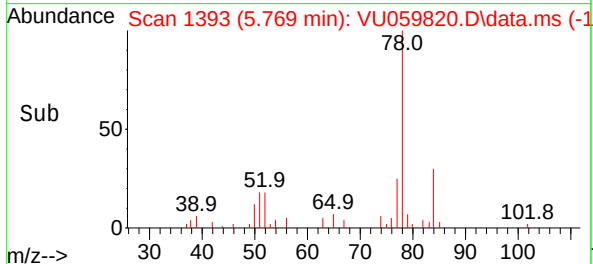
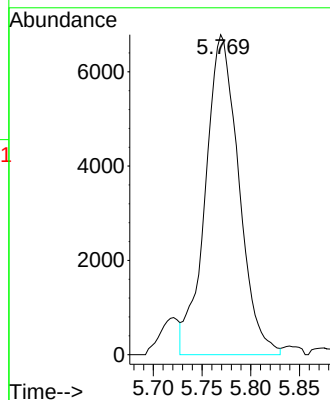
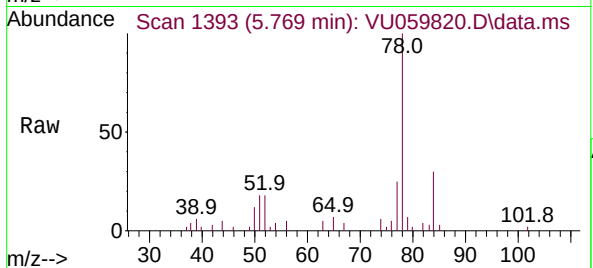




#33
Benzene
Concen: 0.277 ug/L
RT: 5.769 min Scan# 1392
Delta R.T. 0.003 min
Lab File: VU059820.D
Acq: 04 Jul 2024 00:29

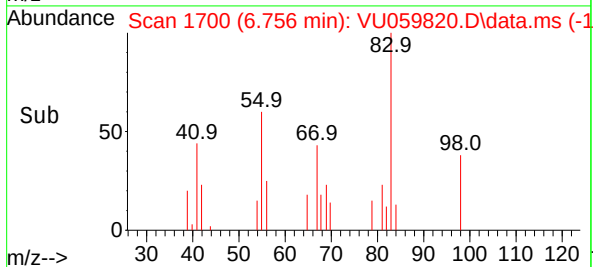
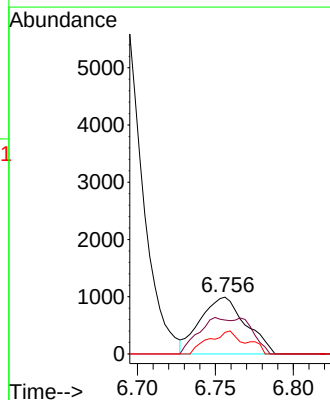
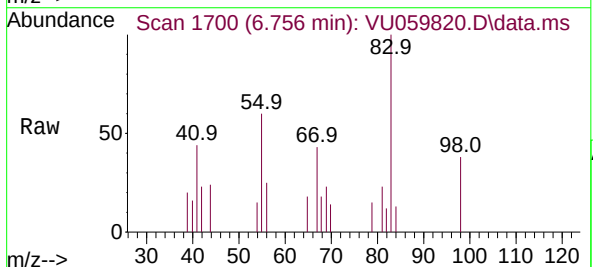
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MSVOA_U
ClientSampleId :

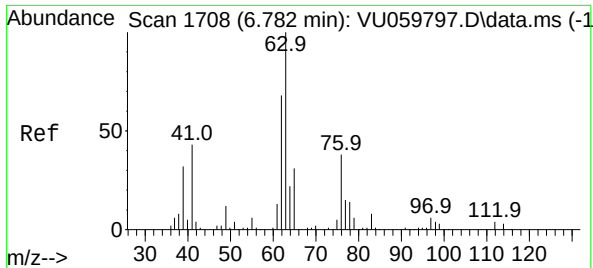
Tgt Ion: 78 Resp: 16180



#35
Methylcyclohexane
Concen: 0.089 ug/L
RT: 6.756 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VU059820.D
Acq: 04 Jul 2024 00:29

Tgt Ion: 83 Resp: 2008
Ion Ratio Lower Upper
83 100
55 44.0 62.7 94.1#
98 27.3 35.4 53.0#

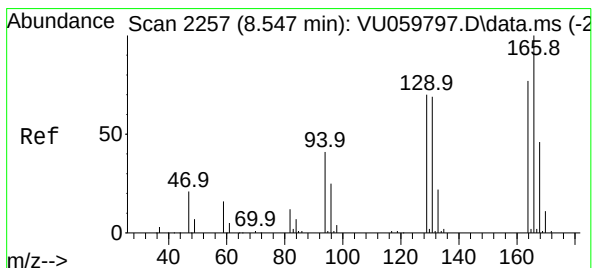
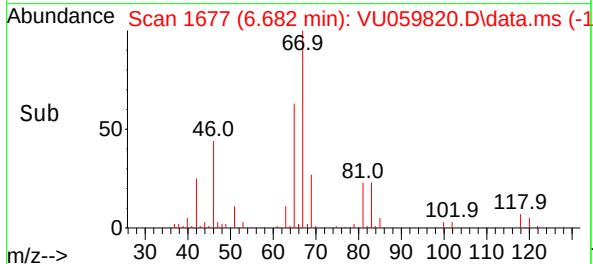
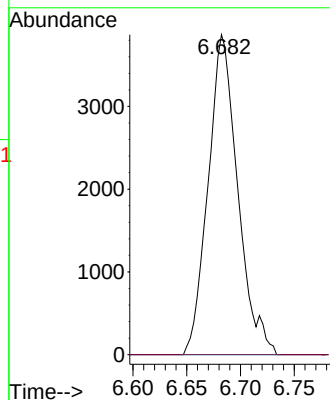
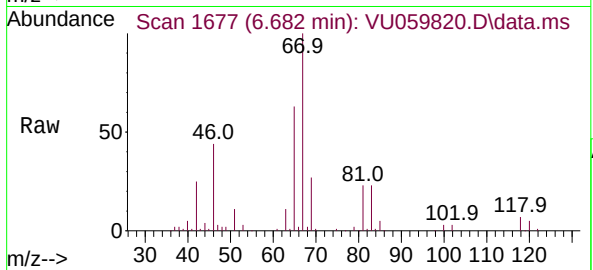




#37
1,2-Dichloropropane
Concen: 0.491 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU059820.D
Acq: 04 Jul 2024 00:29

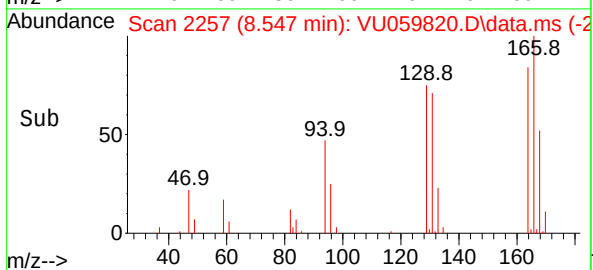
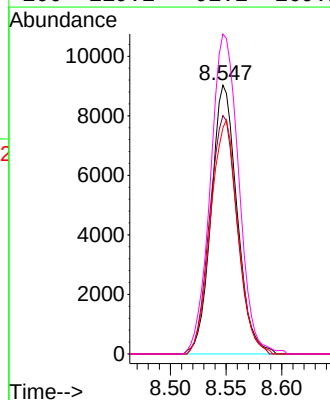
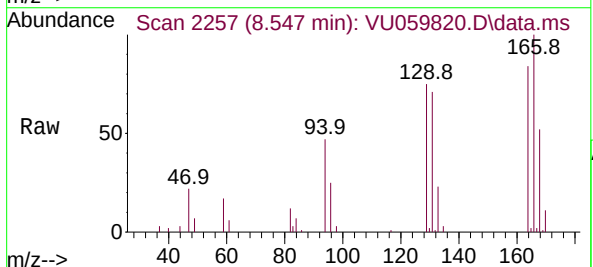
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MSVOA_U
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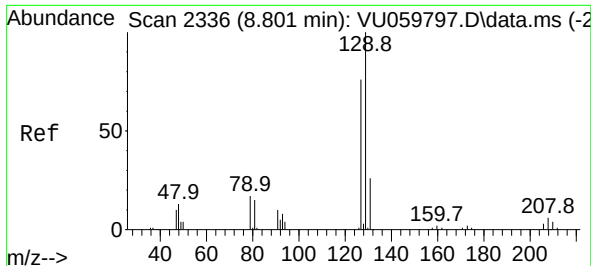
Tgt Ion: 63 Resp: 7413
Ion Ratio Lower Upper
63 100
112 0.0 2.6 3.8#



#47
Tetrachloroethene
Concen: 1.190 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. -0.000 min
Lab File: VU059820.D
Acq: 04 Jul 2024 00:29

Tgt Ion:164 Resp: 14588
Ion Ratio Lower Upper
164 100
129 88.7 70.8 131.4
131 84.1 64.8 120.3
166 119.1 91.1 169.1





#49

Dibromochloromethane

Concen: 1.116 ug/L

RT: 8.547 min Scan# 21

Delta R.T. -0.254 min

Lab File: VU059820.D

Acq: 04 Jul 2024 00:29

Instrument :

MSVOA_U

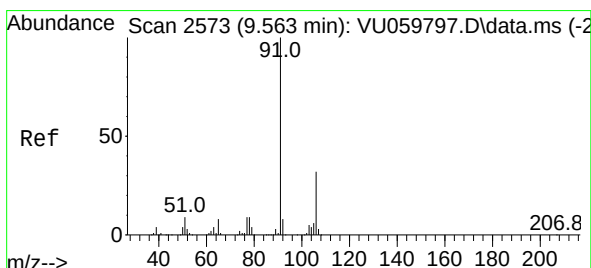
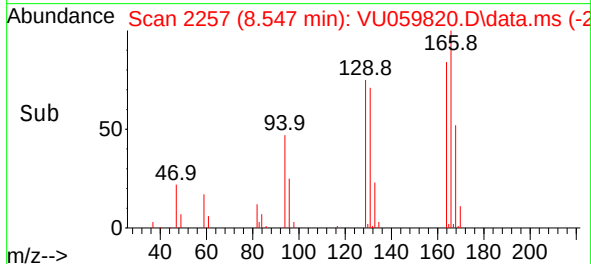
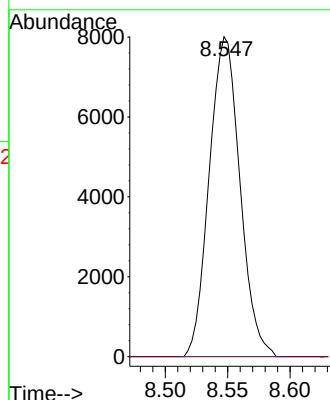
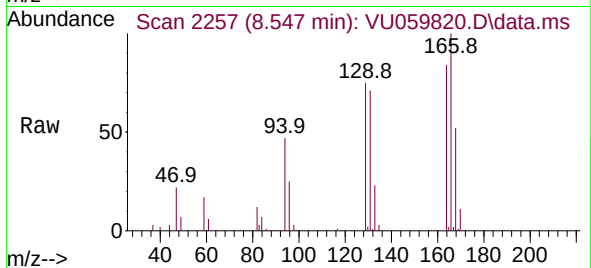
ClientSampleId :

Tgt Ion:129 Resp: 13749

Ion Ratio Lower Upper

129 100

127 0.0 52.5 97.5#



#52

Ethylbenzene

Concen: 0.113 ug/L

RT: 9.566 min Scan# 2574

Delta R.T. 0.003 min

Lab File: VU059820.D

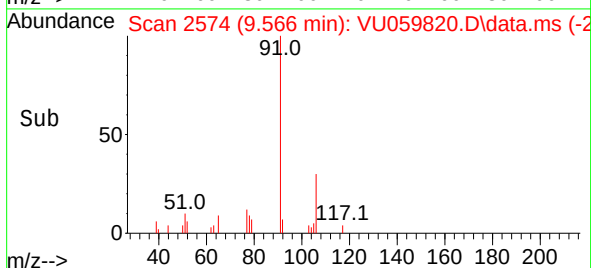
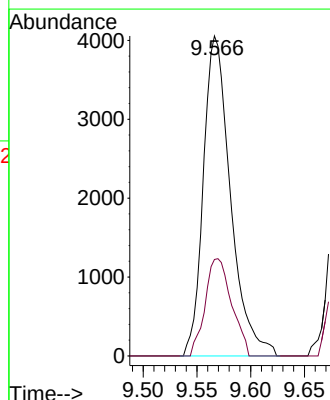
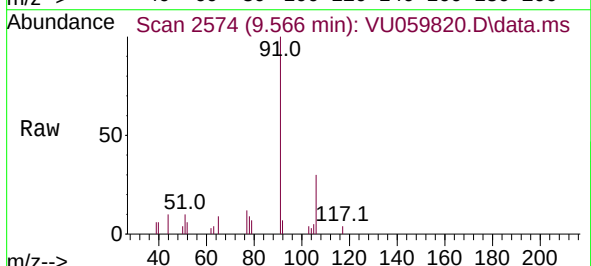
Acq: 04 Jul 2024 00:29

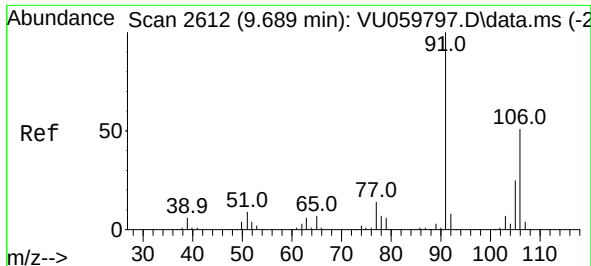
Tgt Ion: 91 Resp: 7141

Ion Ratio Lower Upper

91 100

106 30.2 20.9 38.7





#53

m,p-Xylene

Concen: 0.231 ug/L

RT: 9.688 min Scan# 2

Delta R.T. -0.000 min

Lab File: VU059820.D

Acq: 04 Jul 2024 00:29

Instrument :

MSVOA_U

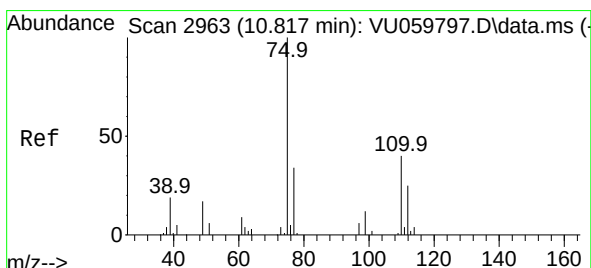
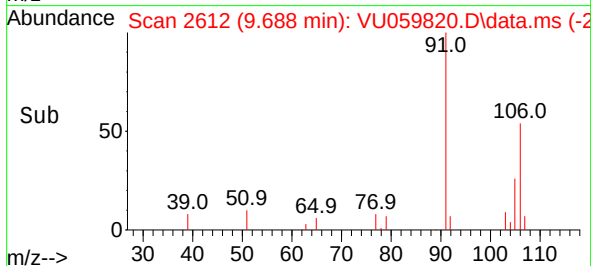
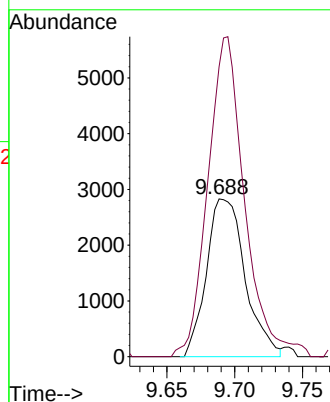
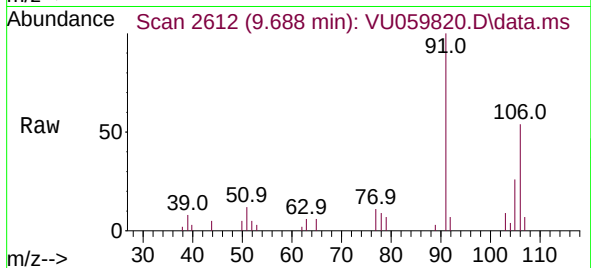
ClientSampleId :

Tgt Ion:106 Resp: 5616

Ion Ratio Lower Upper

106 100

91 183.8 142.0 263.8



#61

1,2,3-Trichloropropane

Concen: 1.204 ug/L

RT: 11.804 min Scan# 3270

Delta R.T. 0.987 min

Lab File: VU059820.D

Acq: 04 Jul 2024 00:29

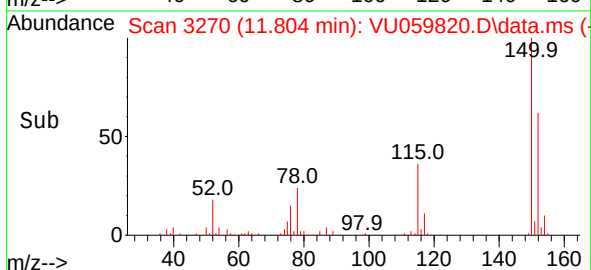
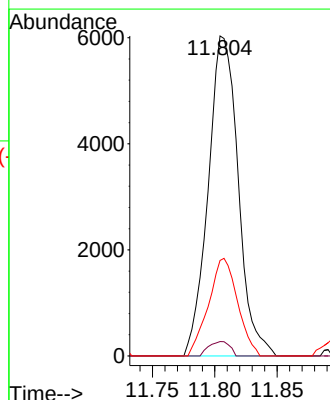
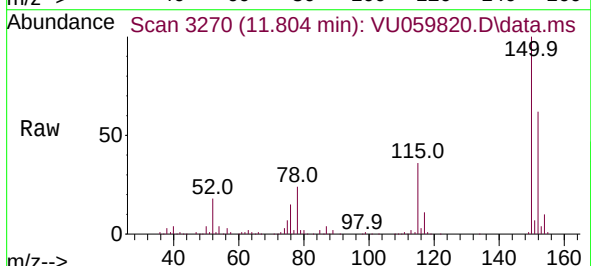
Tgt Ion: 75 Resp: 10111

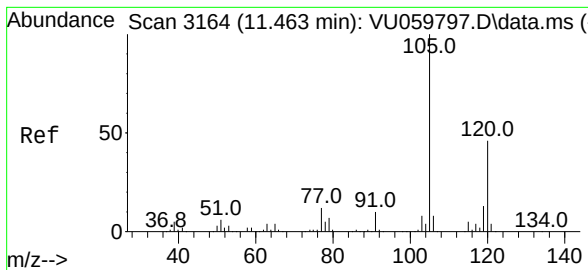
Ion Ratio Lower Upper

75 100

110 3.1 27.1 40.7#

77 29.5 25.4 38.2

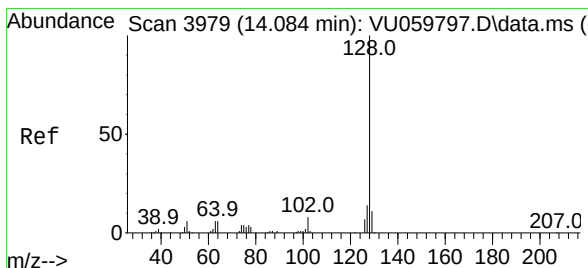
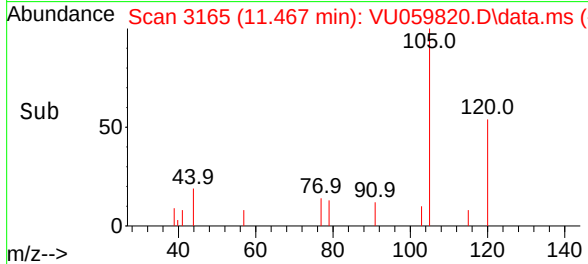
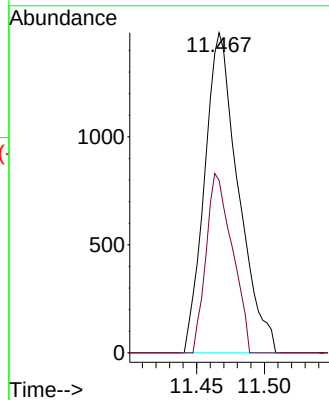
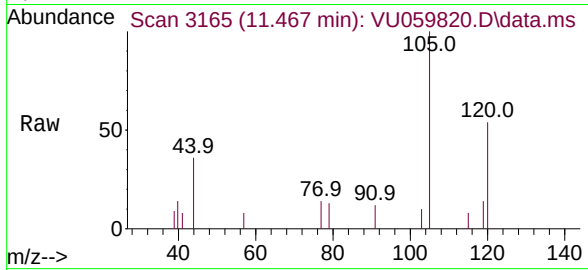




#63
1,2,4-Trimethylbenzene
Concen: 0.060 ug/L
RT: 11.467 min Scan# 3165
Delta R.T. 0.003 min
Lab File: VU059820.D
Acq: 04 Jul 2024 00:29

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:105 Resp: 2561
Ion Ratio Lower Upper
105 100
120 43.4 35.4 53.0



#71
Naphthalene
Concen: 0.339 ug/L
RT: 14.090 min Scan# 3981
Delta R.T. 0.006 min
Lab File: VU059820.D
Acq: 04 Jul 2024 00:29

Tgt Ion:128 Resp: 7871
Ion Ratio Lower Upper
128 100
129 12.7 8.2 12.4#
127 12.9 10.2 15.4

