

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110524\
 Data File : VU061484.D
 Acq On : 06 Nov 2024 05:07
 Operator : MD/SY
 Sample : P4714-03
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 06 05:20:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102324WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 06 00:52:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	142982	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	139324	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	77086	5.000	ug/L	# 0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	51940	5.348	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	107.000%
7) Chloroethane-d5	1.907	69	52026	5.843	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	116.800%
11) 1,1-Dichloroethene-d2	2.560	65	23595	5.678	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	113.600%
20) 2-Butanone-d5	4.624	46	115107	58.371	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.740%
24) Chloroform-d	5.052	84	105484	5.722	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	114.400%
26) 1,2-Dichloroethane-d4	5.692	65	54721	5.955	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	119.000%
32) Benzene-d6	5.718	84	221889	5.652	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	113.000%
36) 1,2-Dichloropropane-d6	6.682	67	66644	5.647	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	113.000%
41) Toluene-d8	7.891	98	195780	5.334	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.600%
43) trans-1,3-Dichloroprop...	8.174	79	20760	4.309	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.200%
46) 2-Hexanone-d5	8.624	63	111527	56.520	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.040%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	52070	5.834	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	116.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	89006	6.520	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	130.400%#
Target Compounds						Qvalue
19) 1,1-Dichloroethane	3.859	63	2481	0.141	ug/L	95
33) Benzene	5.766	78	182148	4.227	ug/L	100
37) 1,2-Dichloropropane	6.682	63	7129	0.653	ug/L #	89
42) Toluene	7.962	91	44846	0.958	ug/L	98
45) 1,1,2-Trichloroethane	8.271	97	3474	0.442	ug/L #	17
49) Dibromochloromethane	8.553	129	1361	0.153	ug/L #	12
52) Ethylbenzene	9.560	91	1347544	26.181	ug/L	99
53) m,p-Xylene	9.685	106	292447	14.915	ug/L	98
54) o-Xylene	10.090	106	206447	10.668	ug/L	97
55) Styrene	10.090	104	10857	0.350	ug/L #	1
60) Isopropylbenzene	10.476	105	335763	5.702	ug/L	100
61) 1,2,3-Trichloropropane	11.457	75	11154	1.453	ug/L #	1
62) 1,3,5-Trimethylbenzene	11.081	105	240149	5.009	ug/L	100
63) 1,2,4-Trimethylbenzene	11.457	105	1157455	24.425	ug/L	99
68) 1,2-Dibromo-3-chloropr...	13.020	75	74443	46.170	ug/L #	2
71) Naphthalene	14.074	128	15569758	719.686	ug/L	96

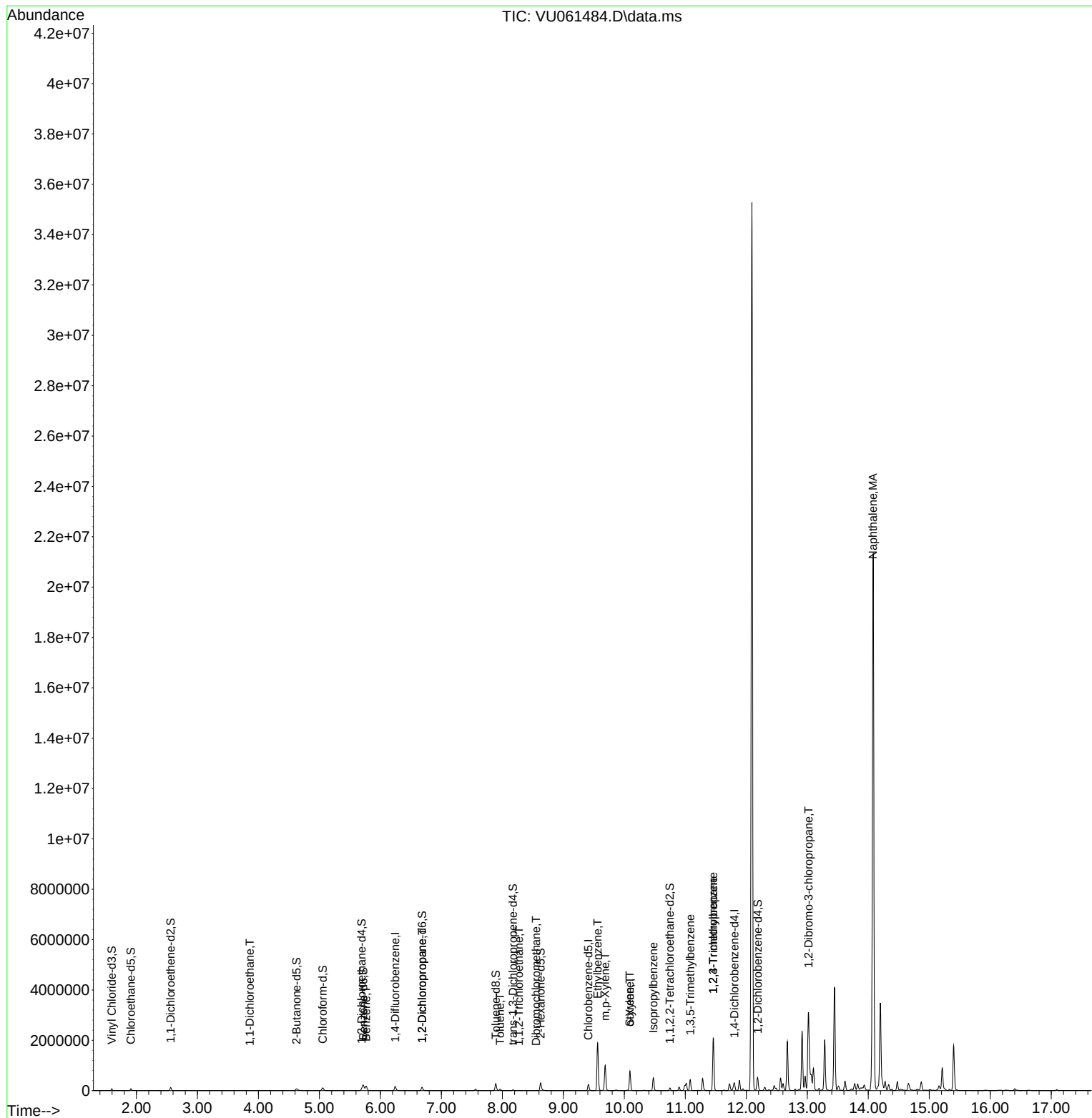
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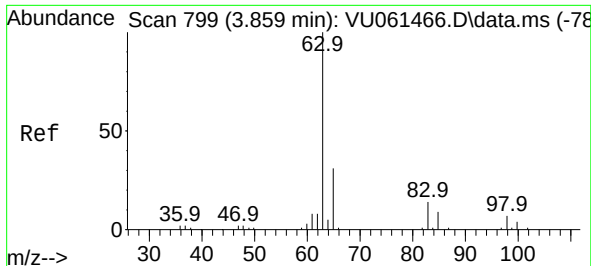
Instrument :
MSVOA_U
ClientSampleId :

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110524\
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Response via : Initial Calibration

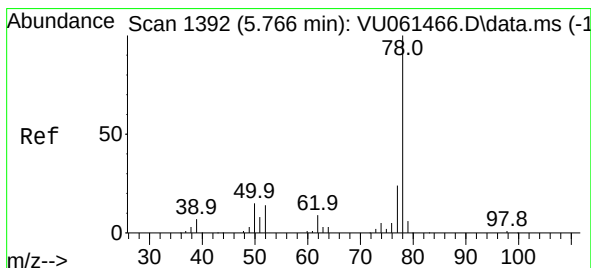
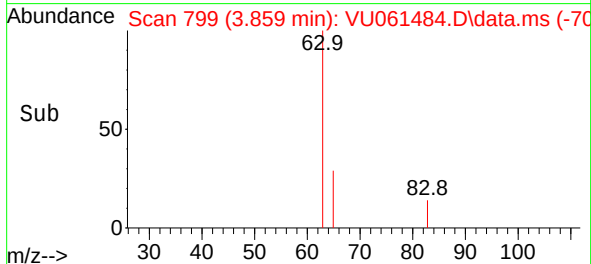
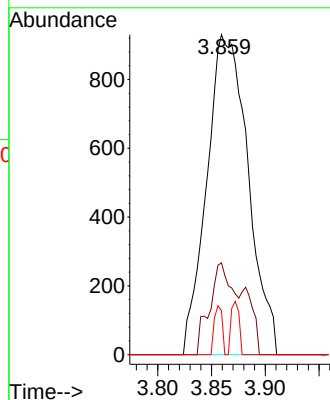
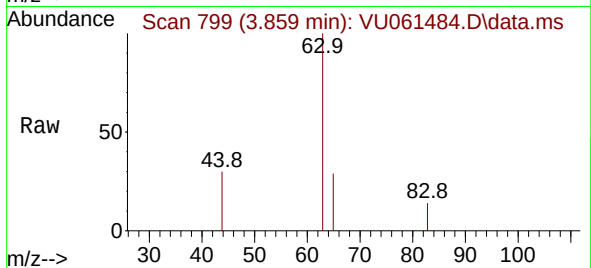




#19
1,1-Dichloroethane
Concen: 0.141 ug/L
RT: 3.859 min Scan# 799
Delta R.T. 0.000 min
Lab File: VU061484.D
Acq: 06 Nov 2024 05:07

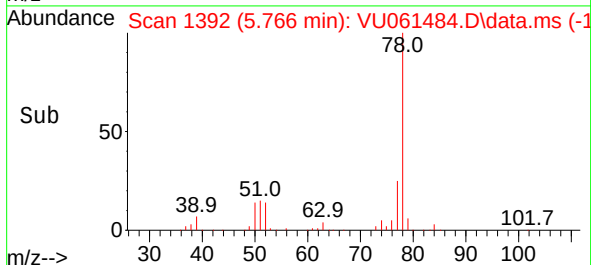
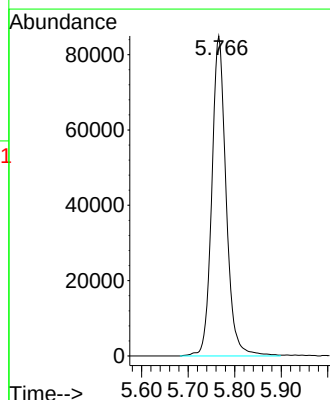
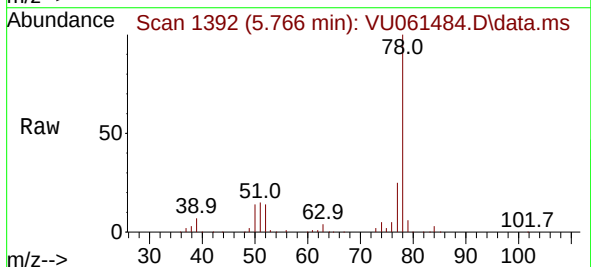
Instrument :
MSVOA_U
ClientSampleId :

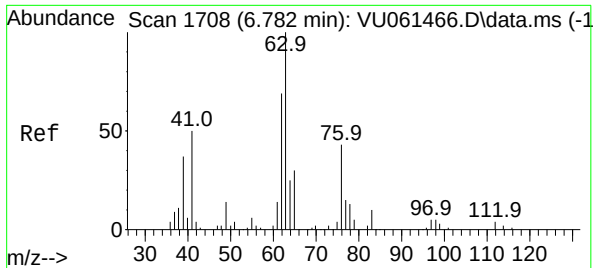
Tgt Ion:	63	Resp:	2481
Ion	Ratio	Lower	Upper
63	100		
65	28.7	23.0	42.6
83	13.8	9.7	17.9



#33
Benzene
Concen: 4.227 ug/L
RT: 5.766 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VU061484.D
Acq: 06 Nov 2024 05:07

Tgt Ion: 78 Resp: 182148

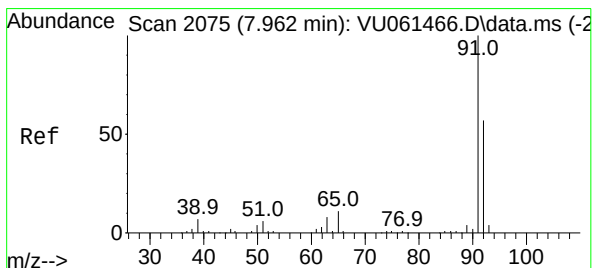
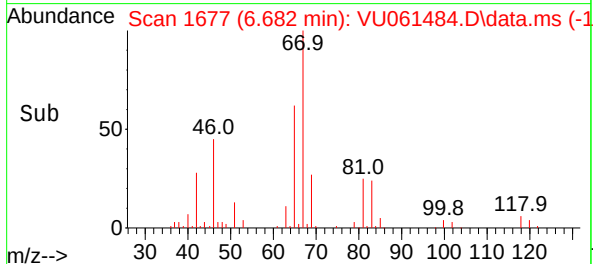
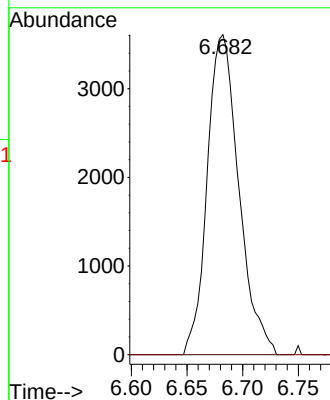
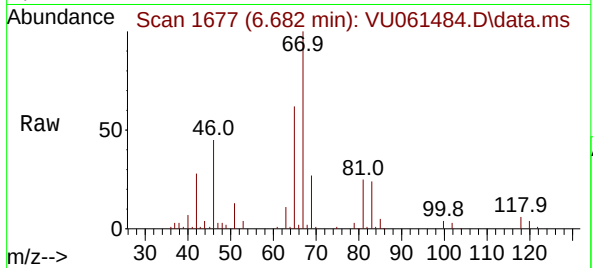




#37
1,2-Dichloropropane
Concen: 0.653 ug/L
RT: 6.682 min Scan# 1
Delta R.T. -0.100 min
Lab File: VU061484.D
Acq: 06 Nov 2024 05:07

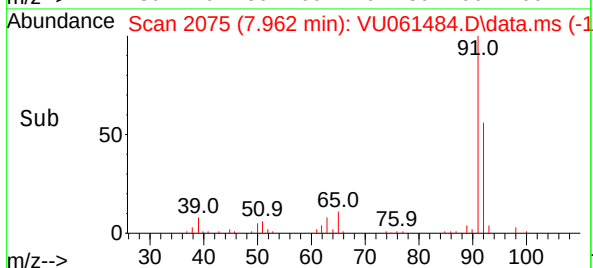
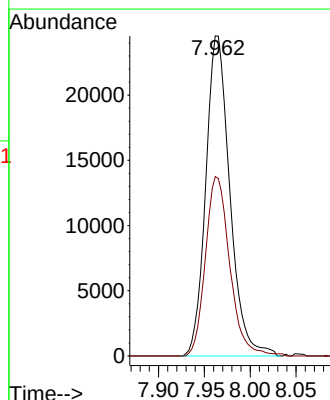
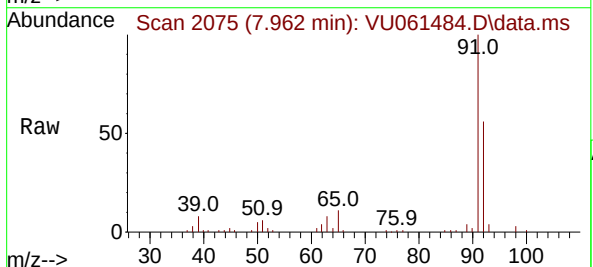
Instrument :
MSVOA_U
ClientSampleId :

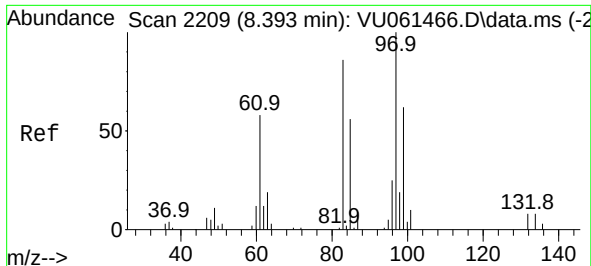
Tgt Ion: 63 Resp: 7129
Ion Ratio Lower Upper
63 100
112 0.0 3.0 4.4#



#42
Toluene
Concen: 0.958 ug/L
RT: 7.962 min Scan# 2075
Delta R.T. 0.000 min
Lab File: VU061484.D
Acq: 06 Nov 2024 05:07

Tgt Ion: 91 Resp: 44846
Ion Ratio Lower Upper
91 100
92 56.1 40.3 74.8





#45

1,1,2-Trichloroethane

Concen: 0.442 ug/L

RT: 8.271 min Scan# 2171

Delta R.T. -0.122 min

Lab File: VU061484.D

Acq: 06 Nov 2024 05:07

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 97 Resp: 3474

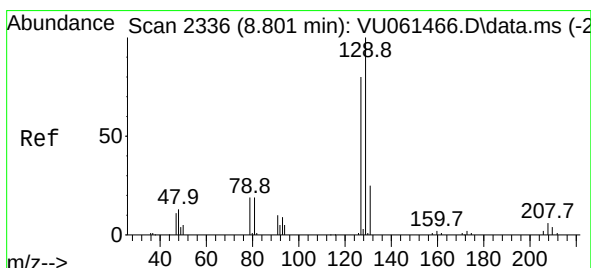
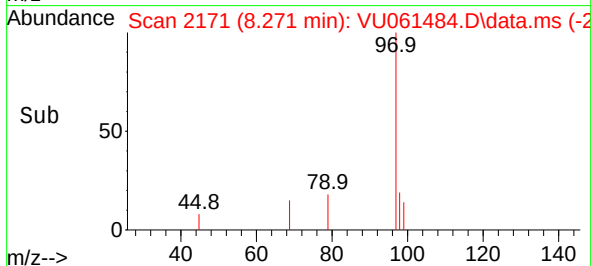
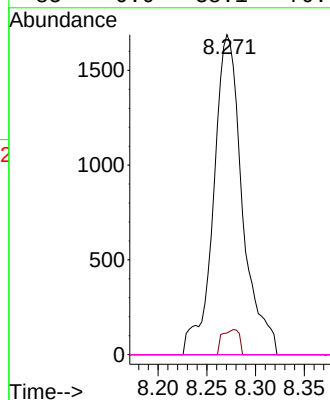
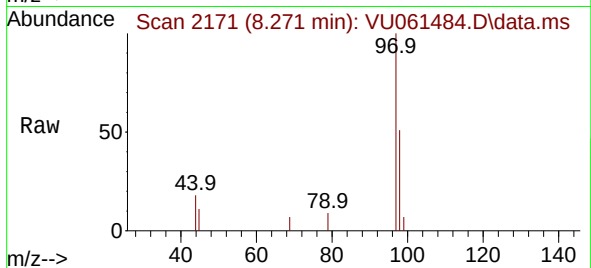
Ion Ratio Lower Upper

97 100

99 6.8 44.1 81.9#

83 0.0 61.2 113.6#

85 0.0 38.1 70.7#



#49

Dibromochloromethane

Concen: 0.153 ug/L

RT: 8.553 min Scan# 2259

Delta R.T. -0.248 min

Lab File: VU061484.D

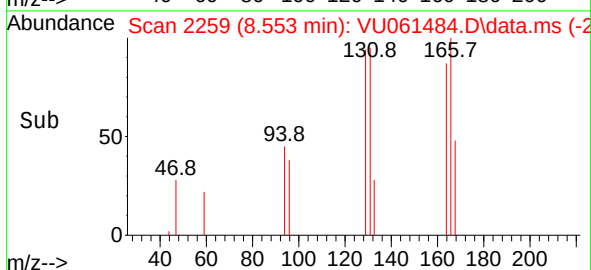
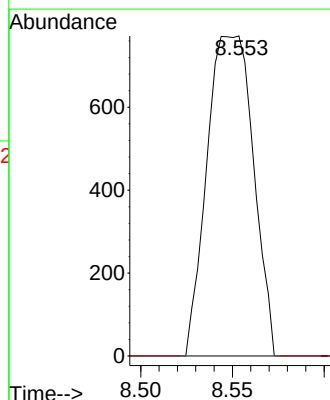
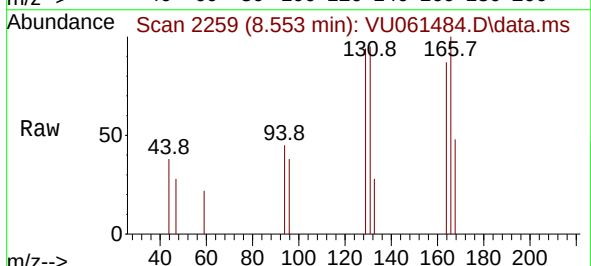
Acq: 06 Nov 2024 05:07

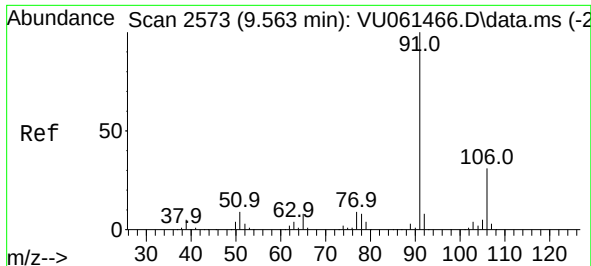
Tgt Ion: 129 Resp: 1361

Ion Ratio Lower Upper

129 100

127 0.0 51.8 96.2#





#52

Ethylbenzene

Concen: 26.181 ug/L

RT: 9.560 min Scan# 2572

Delta R.T. -0.003 min

Lab File: VU061484.D

Acq: 06 Nov 2024 05:07

Instrument :

MSVOA_U

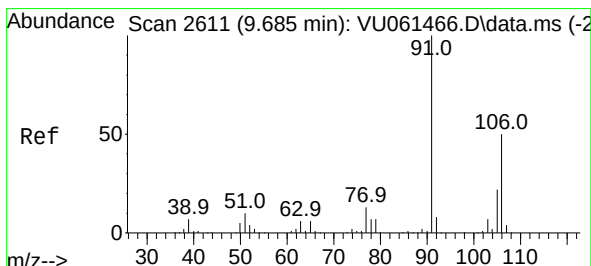
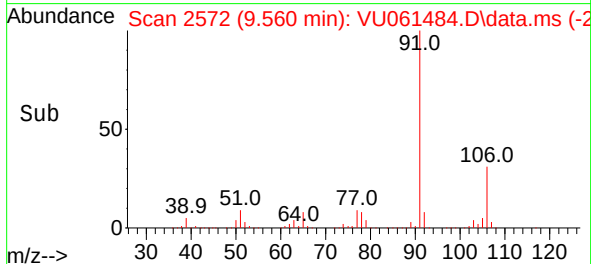
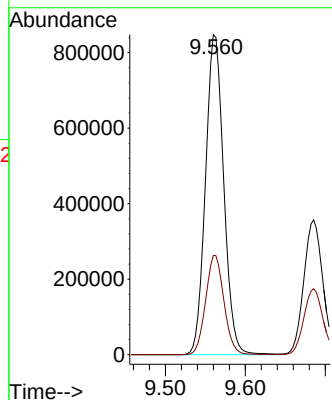
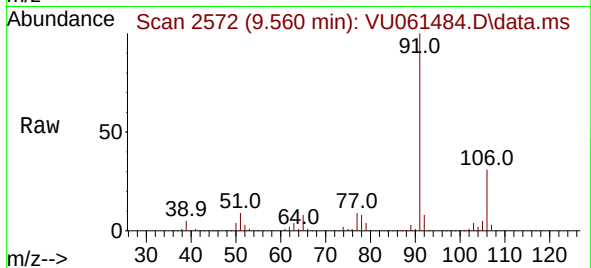
ClientSampleId :

Tgt Ion: 91 Resp: 1347544

Ion Ratio Lower Upper

91 100

106 31.0 22.0 41.0



#53

m,p-Xylene

Concen: 14.915 ug/L

RT: 9.685 min Scan# 2611

Delta R.T. 0.000 min

Lab File: VU061484.D

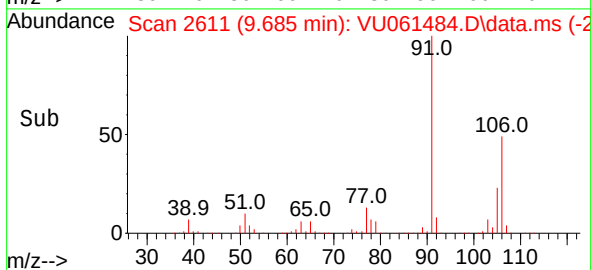
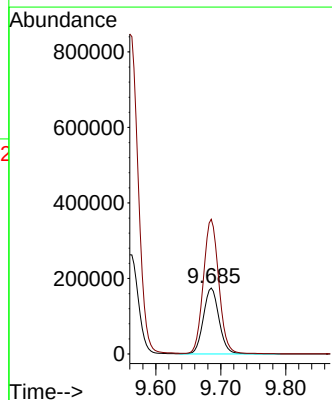
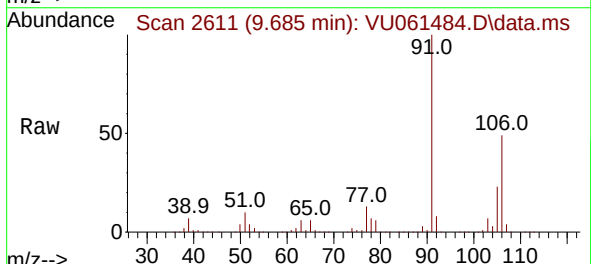
Acq: 06 Nov 2024 05:07

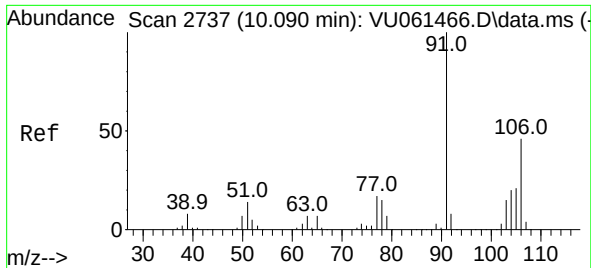
Tgt Ion:106 Resp: 292447

Ion Ratio Lower Upper

106 100

91 204.3 145.7 270.7

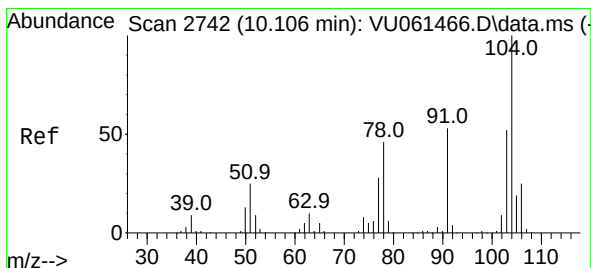
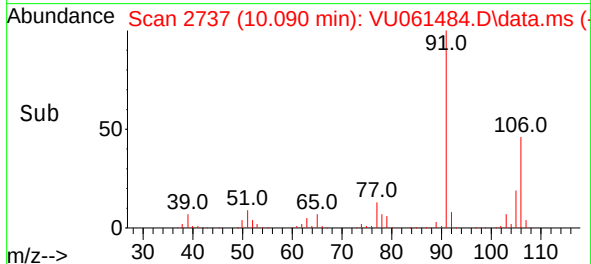
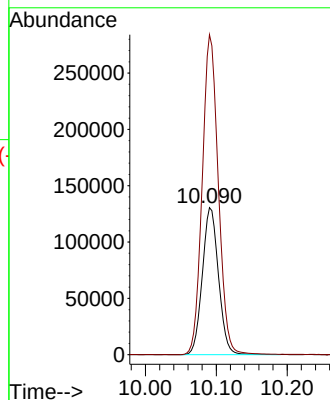
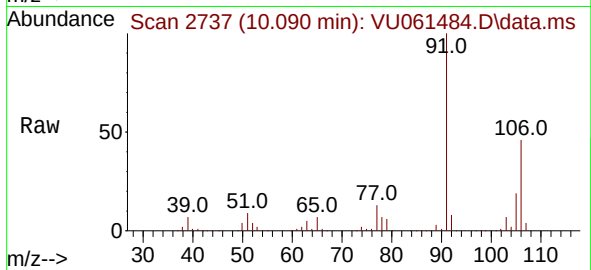




#54
o-Xylene
Concen: 10.668 ug/L
RT: 10.090 min Scan# 2737
Delta R.T. 0.000 min
Lab File: VU061484.D
Acq: 06 Nov 2024 05:07

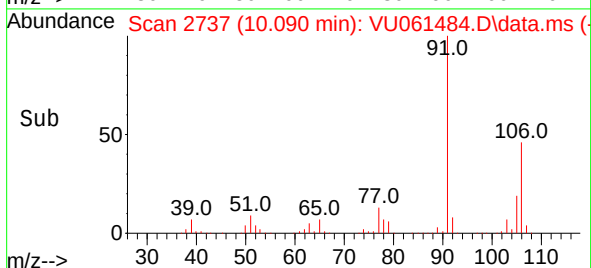
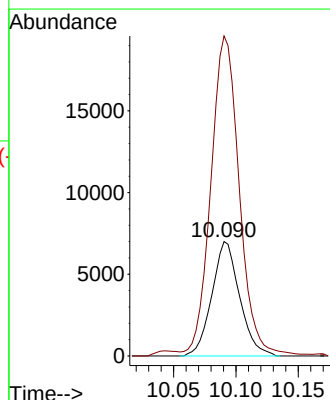
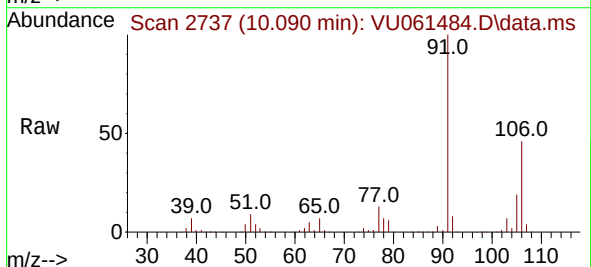
Instrument :
MSVOA_U
ClientSampleId :

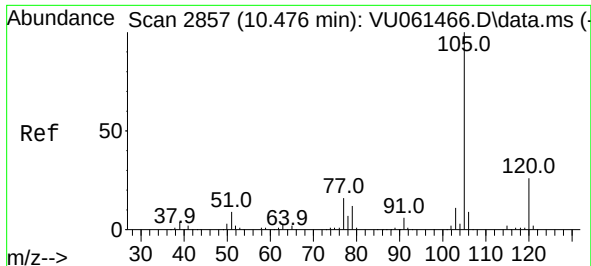
Tgt Ion:106 Resp: 206447
Ion Ratio Lower Upper
106 100
91 217.5 148.8 276.4



#55
Styrene
Concen: 0.350 ug/L
RT: 10.090 min Scan# 2737
Delta R.T. -0.016 min
Lab File: VU061484.D
Acq: 06 Nov 2024 05:07

Tgt Ion:104 Resp: 10857
Ion Ratio Lower Upper
104 100
78 279.5 32.3 59.9#

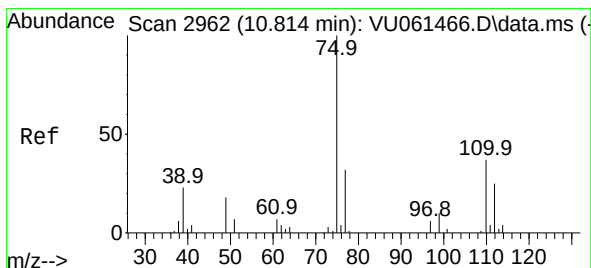
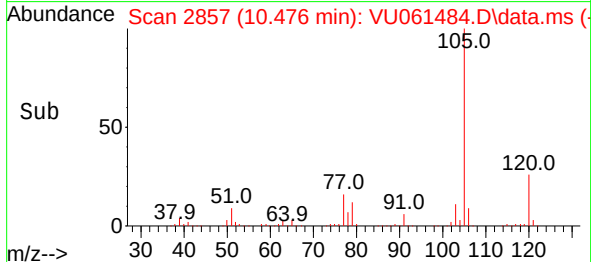
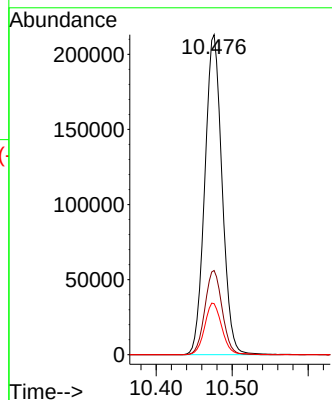
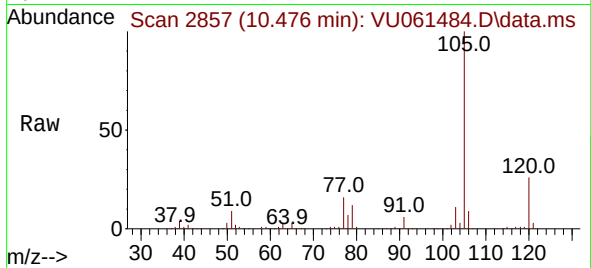




#60
Isopropylbenzene
Concen: 5.702 ug/L
RT: 10.476 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU061484.D
Acq: 06 Nov 2024 05:07

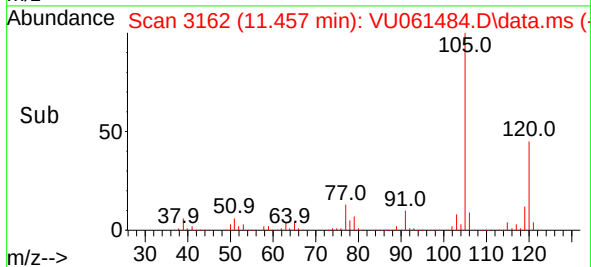
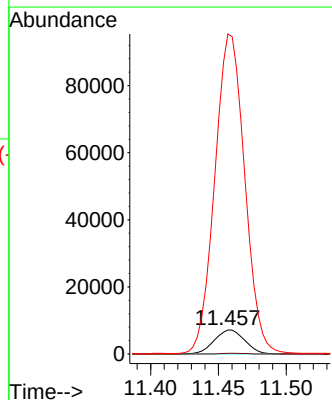
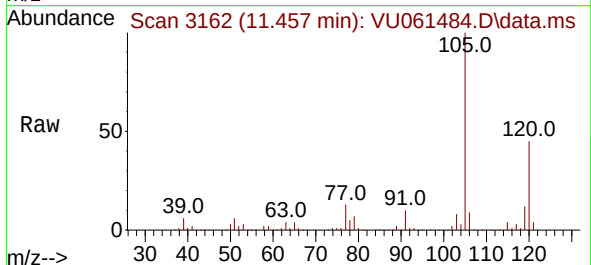
Instrument :
MSVOA_U
ClientSampleId :

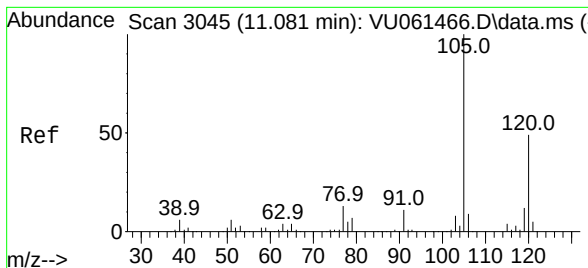
Tgt Ion:105 Resp: 335763
Ion Ratio Lower Upper
105 100
120 26.4 21.2 31.8
77 16.1 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 1.453 ug/L
RT: 11.457 min Scan# 3162
Delta R.T. 0.643 min
Lab File: VU061484.D
Acq: 06 Nov 2024 05:07

Tgt Ion: 75 Resp: 11154
Ion Ratio Lower Upper
75 100
110 0.0 28.8 43.2#
77 1311.5 25.7 38.5#





#62

1,3,5-Trimethylbenzene

Concen: 5.009 ug/L

RT: 11.081 min Scan# 3045

Delta R.T. 0.000 min

Lab File: VU061484.D

Acq: 06 Nov 2024 05:07

Instrument :

MSVOA_U

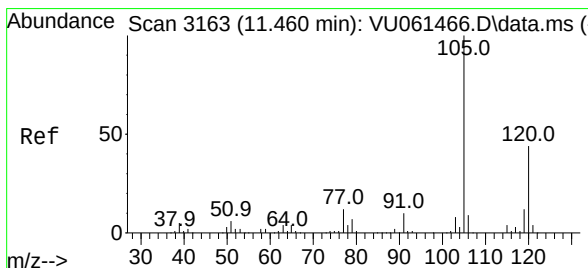
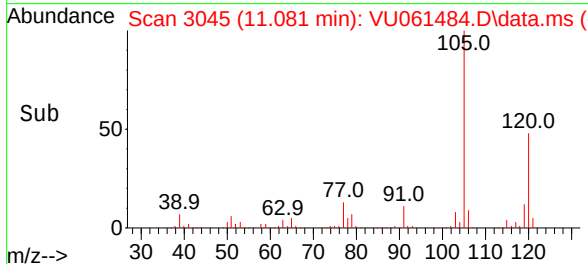
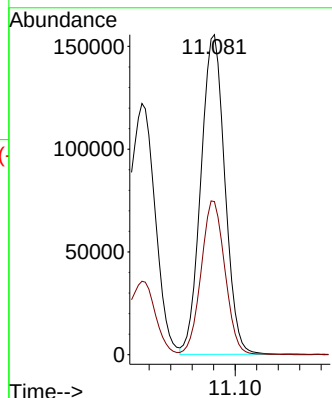
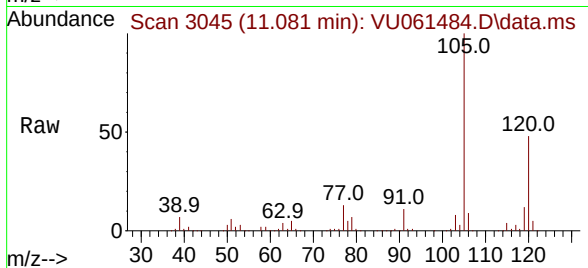
ClientSampleId :

Tgt Ion:105 Resp: 240149

Ion Ratio Lower Upper

105 100

120 48.1 38.7 58.1



#63

1,2,4-Trimethylbenzene

Concen: 24.425 ug/L

RT: 11.457 min Scan# 3162

Delta R.T. -0.003 min

Lab File: VU061484.D

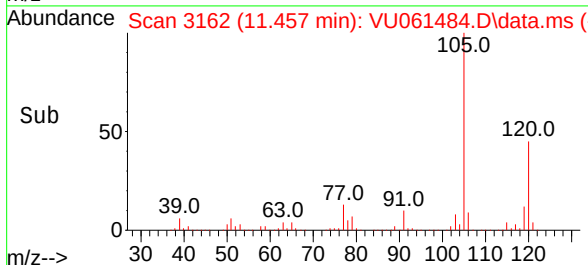
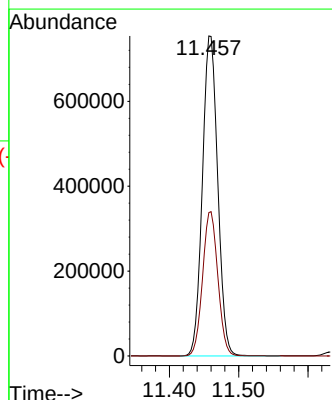
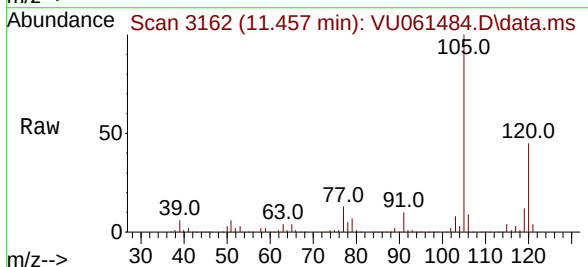
Acq: 06 Nov 2024 05:07

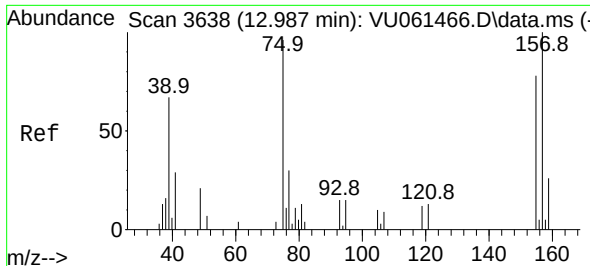
Tgt Ion:105 Resp: 1157455

Ion Ratio Lower Upper

105 100

120 44.9 35.4 53.0





#68

1,2-Dibromo-3-chloropropane

Concen: 46.170 ug/L

RT: 13.020 min Scan# 30

Delta R.T. 0.032 min

Lab File: VU061484.D

Acq: 06 Nov 2024 05:07

Instrument :

MSVOA_U

ClientSampleId :

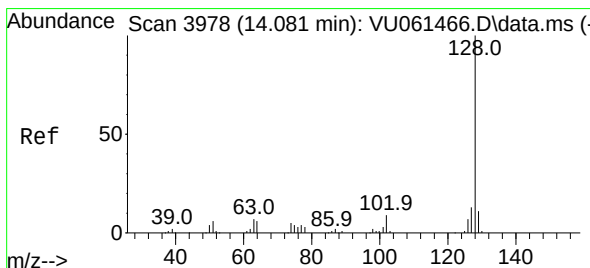
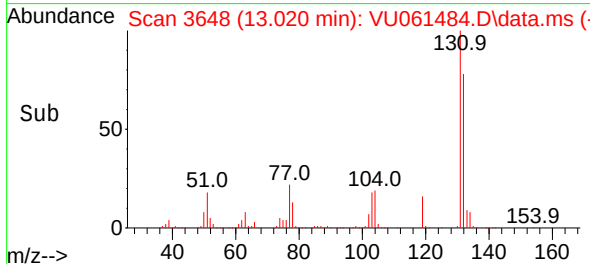
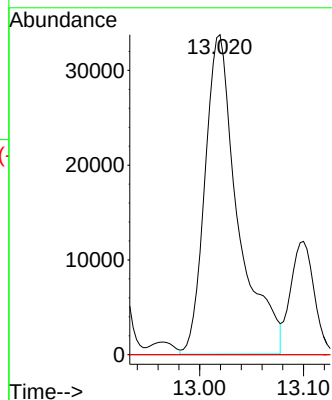
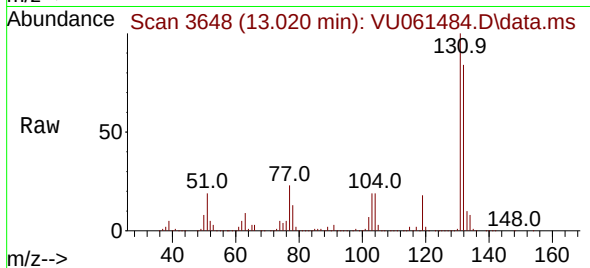
Tgt Ion: 75 Resp: 74443

Ion Ratio Lower Upper

75 100

155 0.0 69.3 103.9#

157 0.0 81.4 122.2#



#71

Naphthalene

Concen: 719.686 ug/L

RT: 14.074 min Scan# 3976

Delta R.T. -0.006 min

Lab File: VU061484.D

Acq: 06 Nov 2024 05:07

Tgt Ion:128 Resp:15569758

Ion Ratio Lower Upper

128 100

129 12.3 9.0 13.4

127 14.5 10.0 15.0

