

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW081622\
 Data File : VW027408.D
 Acq On : 16 Aug 2022 12:45
 Operator : SY/MD
 Sample : N4133-06
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 16 18:53:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Aug 16 00:24:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	132696	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	143827	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	66498	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	38567	3.345	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.000%
7) Chloroethane-d5	1.561	69	34372	4.105	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.200%
11) 1,1-Dichloroethene-d2	2.101	63	64340	3.077	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.600%
20) 2-Butanone-d5	3.892	46	105326	53.946	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.900%
24) Chloroform-d	4.342	84	83696	3.959	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.200%
26) 1,2-Dichloroethane-d4	5.030	65	49540	4.918	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.400%
32) Benzene-d6	5.047	84	168555	3.973	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.400%
36) 1,2-Dichloropropane-d6	6.066	67	62948	4.798	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.000%
41) Toluene-d8	7.313	98	134724	3.468	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.400%#
43) trans-1,3-Dichloroprop...	7.622	79	18236	4.013	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.200%
46) 2-Hexanone-d5	8.088	63	76419	43.456	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.920%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	45094	4.751	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.000%
66) 1,2-Dichlorobenzene-d4	11.622	152	55516	4.837	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.800%
Target Compounds						Qvalue
5) Vinyl chloride	1.304	62	13558	0.922	ug/L	91
6) Bromomethane	1.513	94	459	0.067	ug/L	73
8) Chloroethane	1.494	64	3075	0.376	ug/L #	52
18) trans-1,2-Dichloroethene	2.754	96	6362	0.541	ug/L	93
22) cis-1,2-Dichloroethene	3.908	96	2958	0.256	ug/L	97
25) Chloroform	4.375	83	16631	0.719	ug/L	97
33) Benzene	5.098	78	34774	0.707	ug/L	100
35) Methylcyclohexane	6.066	83	15070	0.895	ug/L #	16
42) Toluene	7.394	91	14319	0.292	ug/L	100
44) trans-1,3-Dichloropropene	7.625	75	959	0.074	ug/L #	81
51) Chlorobenzene	8.889	112	2283	0.071	ug/L	95
52) Ethylbenzene	9.014	91	29698	0.603	ug/L	98
53) m,p-Xylene	9.140	106	20383	1.085	ug/L	100
54) o-Xylene	9.545	106	10820	0.589	ug/L	99
62) 1,3,5-Trimethylbenzene	10.541	105	1693	0.146	ug/L	99
63) 1,2,4-Trimethylbenzene	10.914	105	5245	0.158	ug/L	99

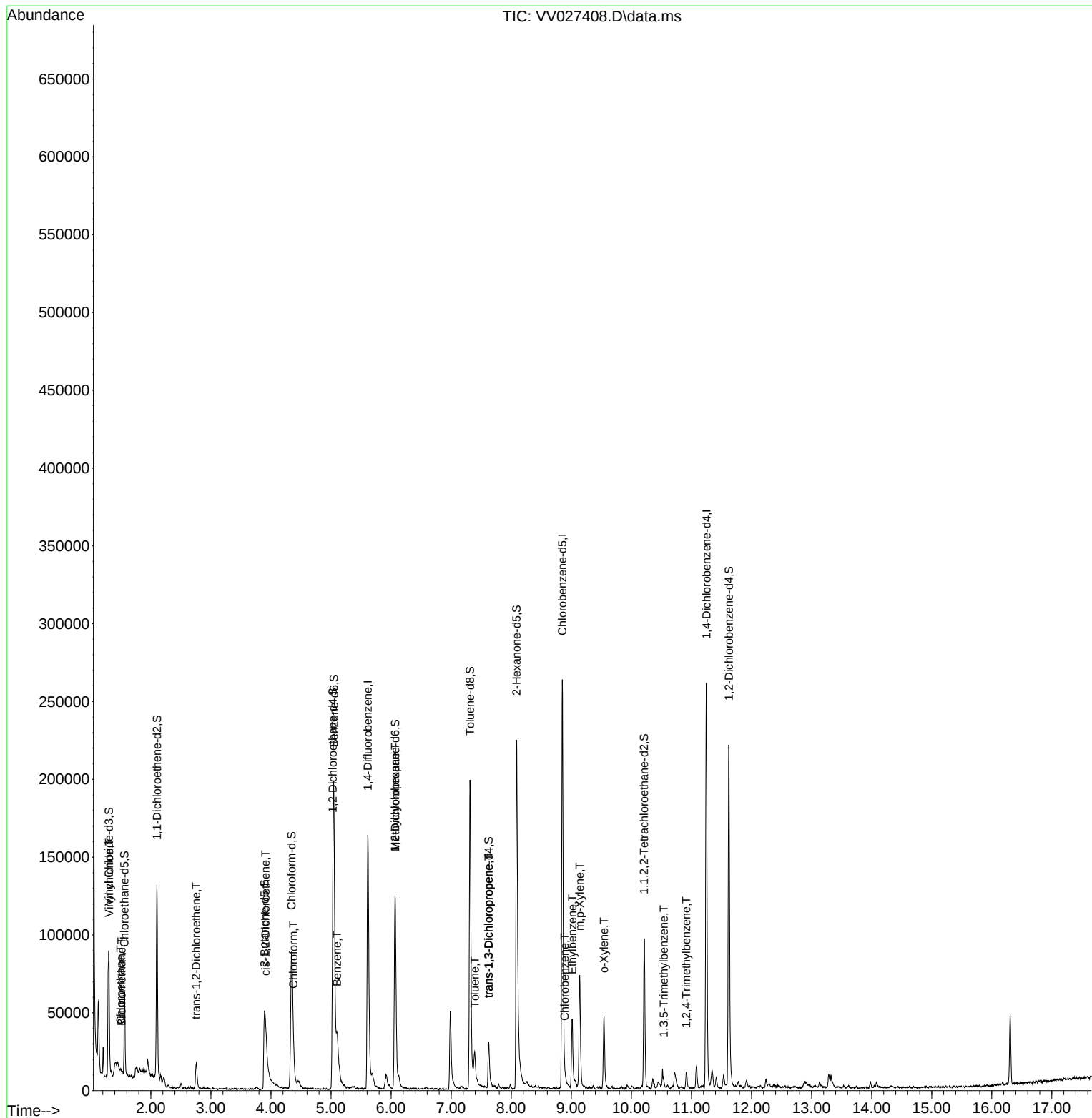
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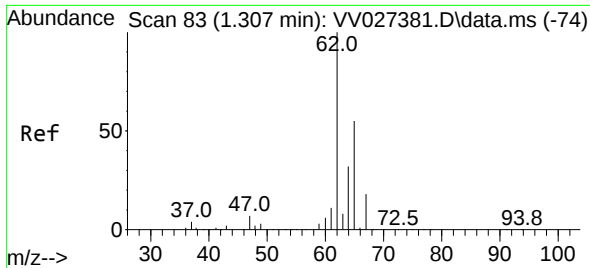
Instrument :
MSVOA_V
ClientSampleId :

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081622\
Data File : VV027408.D
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Quant Title : TRACE VOA SFAM1.0
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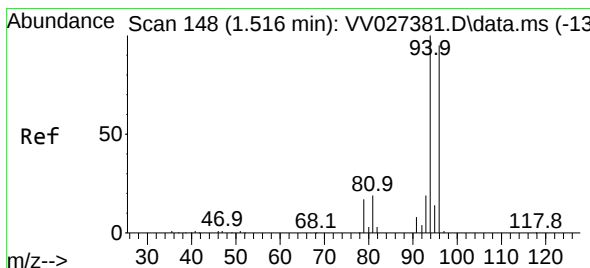
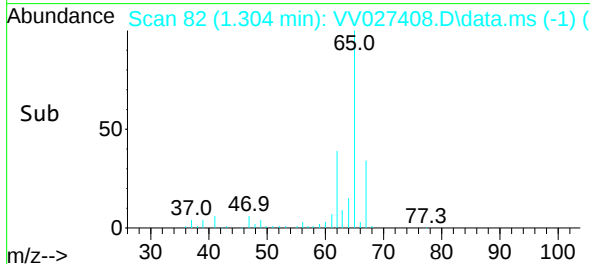
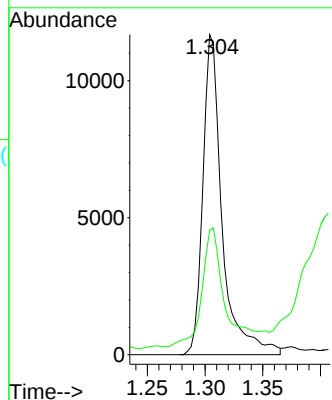
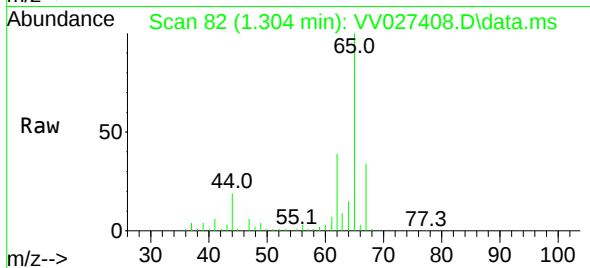




#5
 Vinyl chloride
 Concen: 0.922 ug/L
 RT: 1.304 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VV027408.D
 Acq: 16 Aug 2022 12:45

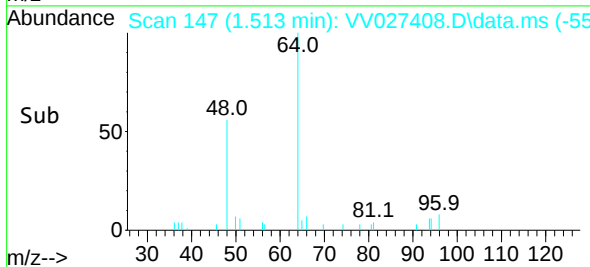
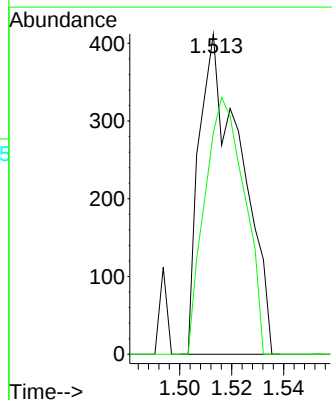
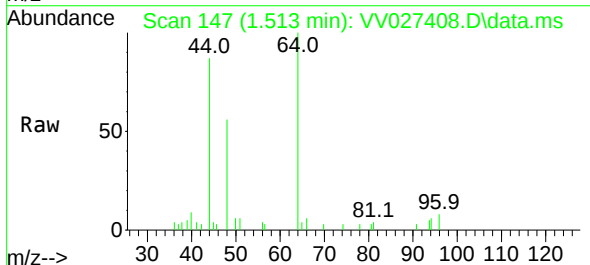
Instrument :
 MSVOA_V
 ClientSampleId :

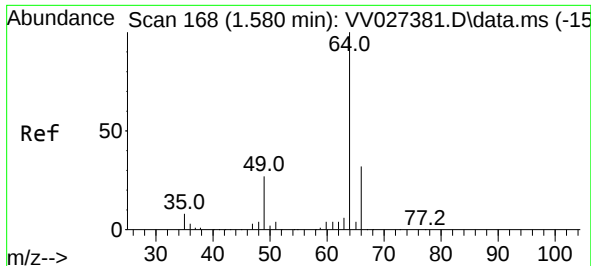
Tgt Ion: 62 Resp: 13558
 Ion Ratio Lower Upper
 62 100
 64 38.9 23.7 44.1



#6
 Bromomethane
 Concen: 0.067 ug/L
 RT: 1.513 min Scan# 147
 Delta R.T. -0.003 min
 Lab File: VV027408.D
 Acq: 16 Aug 2022 12:45

Tgt Ion: 94 Resp: 459
 Ion Ratio Lower Upper
 94 100
 96 69.2 67.2 124.8

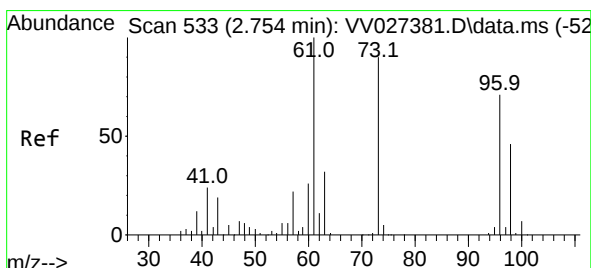
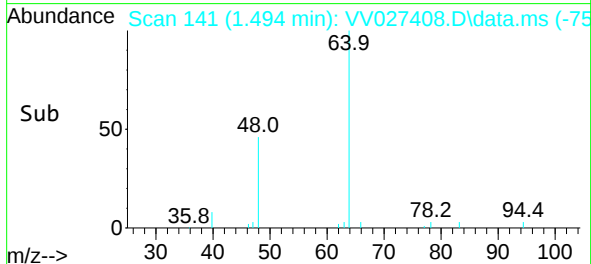
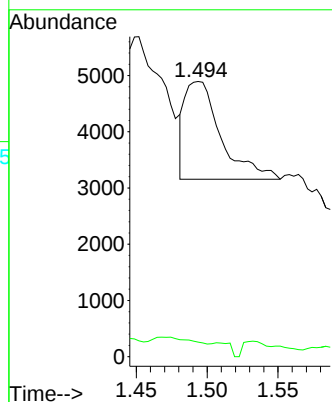
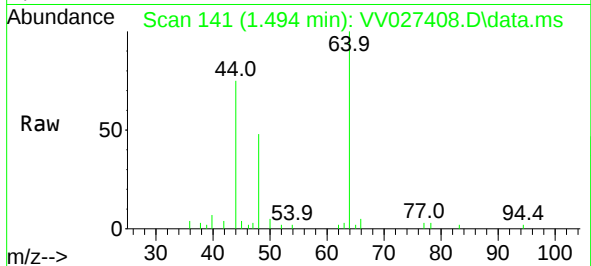




#8
Chloroethane
Concen: 0.376 ug/L
RT: 1.494 min Scan# 14
Delta R.T. -0.087 min
Lab File: VV027408.D
Acq: 16 Aug 2022 12:45

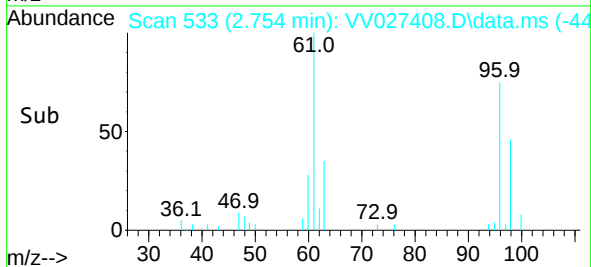
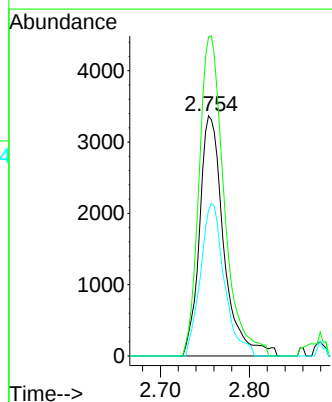
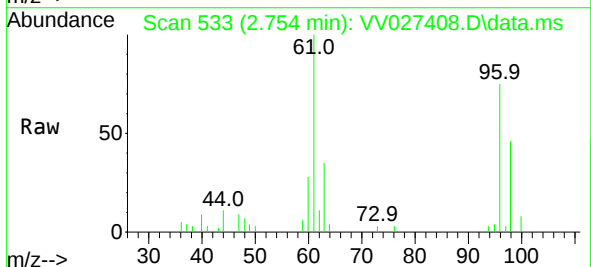
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ClientSampleId :

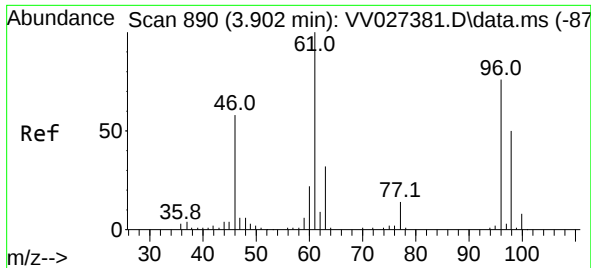
Tgt Ion: 64 Resp: 3075
Ion Ratio Lower Upper
64 100
66 5.3 22.3 41.5#



#18
trans-1,2-Dichloroethene
Concen: 0.541 ug/L
RT: 2.754 min Scan# 533
Delta R.T. 0.000 min
Lab File: VV027408.D
Acq: 16 Aug 2022 12:45

Tgt Ion: 96 Resp: 6362
Ion Ratio Lower Upper
96 100
61 132.9 99.6 185.0
98 60.6 45.1 83.7





#22

cis-1,2-Dichloroethene

Concen: 0.256 ug/L

RT: 3.908 min Scan# 890

Delta R.T. 0.006 min

Lab File: VV027408.D

Acq: 16 Aug 2022 12:45

Instrument :

MSVOA_V

ClientSampleId :

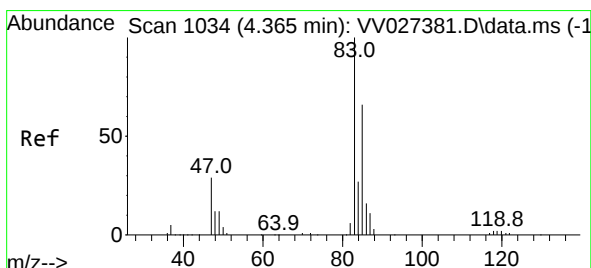
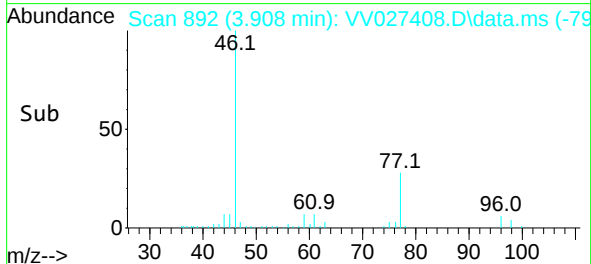
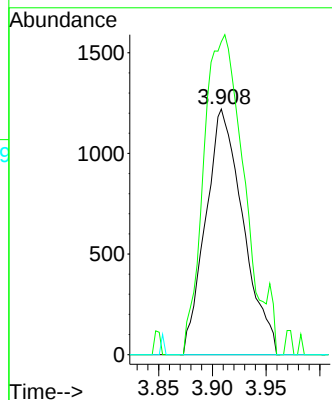
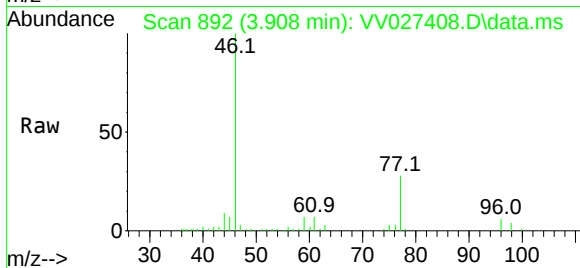
Tgt Ion: 96 Resp: 2958

Ion Ratio Lower Upper

96 100

61 127.5 91.3 169.5

68 0.0 0.0 0.0



#25

Chloroform

Concen: 0.719 ug/L

RT: 4.375 min Scan# 1037

Delta R.T. 0.010 min

Lab File: VV027408.D

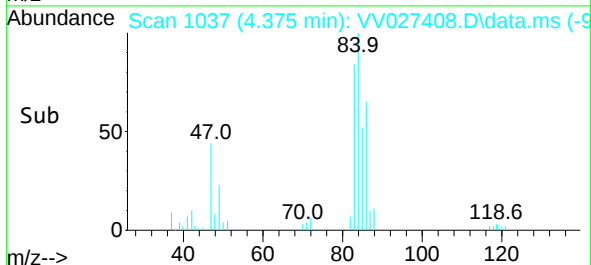
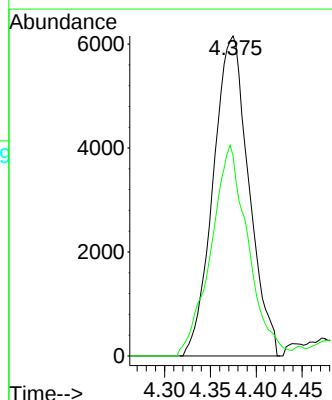
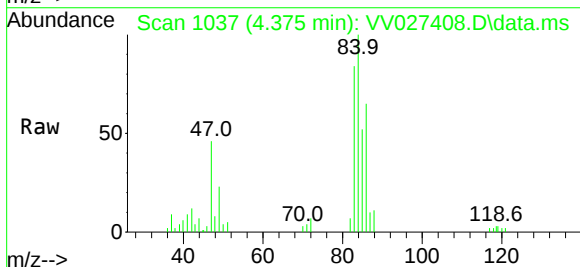
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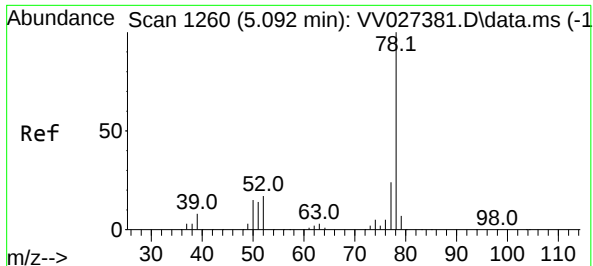
Tgt Ion: 83 Resp: 16631

Ion Ratio Lower Upper

83 100

85 62.6 45.2 84.0

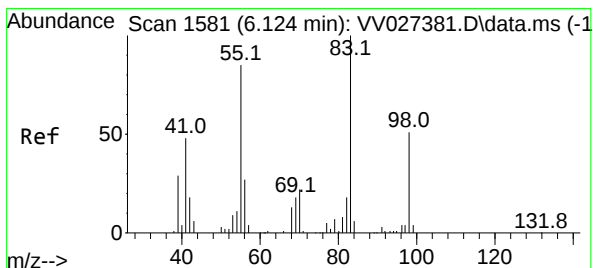
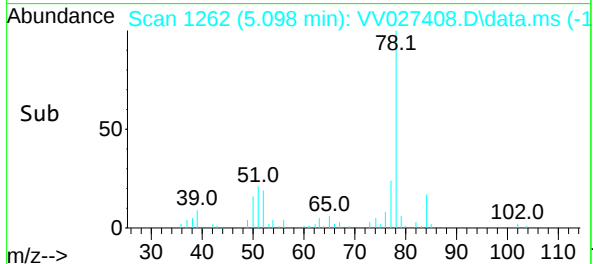
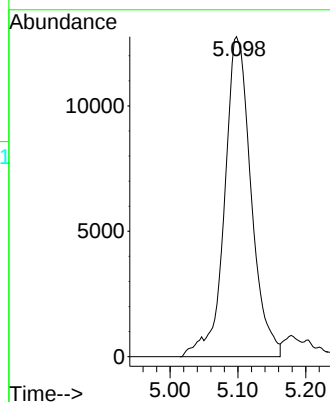
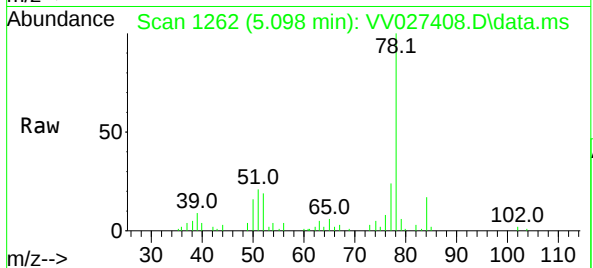




#33
Benzene
Concen: 0.707 ug/L
RT: 5.098 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV027408.D
Acq: 16 Aug 2022 12:45

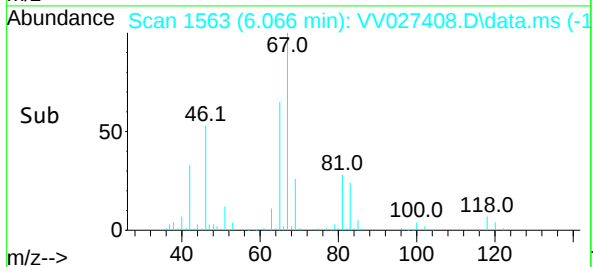
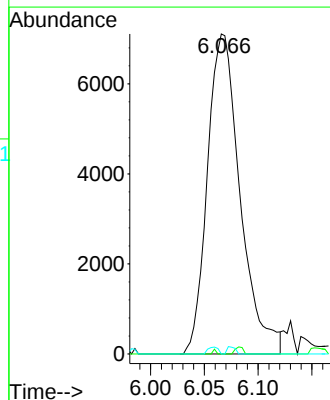
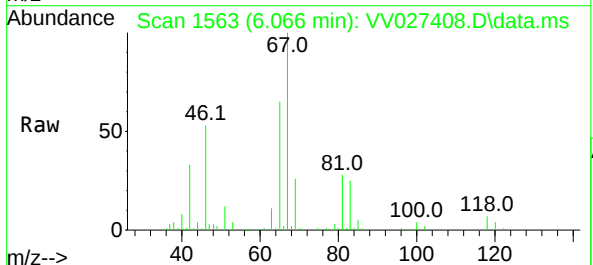
Instrument :
MSVOA_V
ClientSampleId :

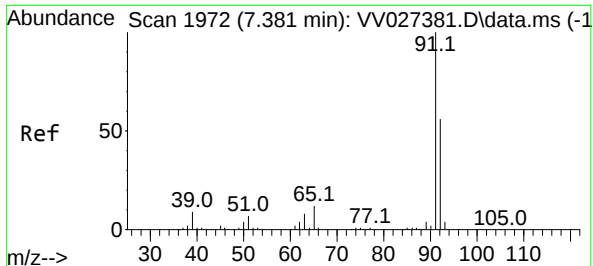
Tgt Ion: 78 Resp: 34774



#35
Methylcyclohexane
Concen: 0.895 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.058 min
Lab File: VV027408.D
Acq: 16 Aug 2022 12:45

Tgt Ion: 83 Resp: 15070
Ion Ratio Lower Upper
83 100
55 0.1 67.0 100.6#
98 0.7 38.7 58.1#





#42

Toluene

Concen: 0.292 ug/L

RT: 7.394 min Scan# 1972

Delta R.T. 0.013 min

Lab File: VV027408.D

Acq: 16 Aug 2022 12:45

Instrument :

MSVOA_V

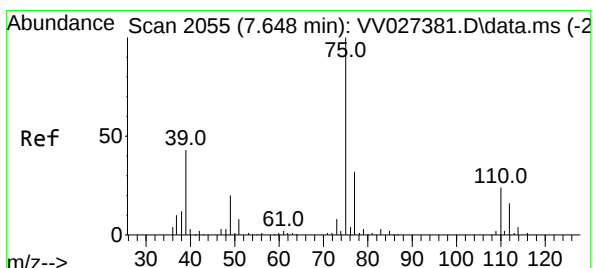
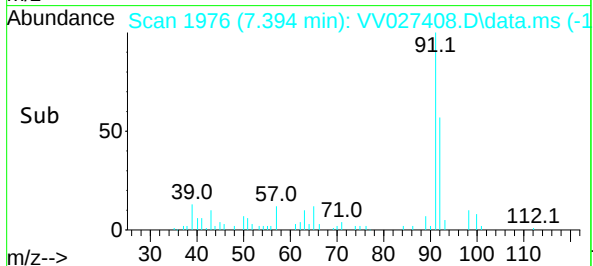
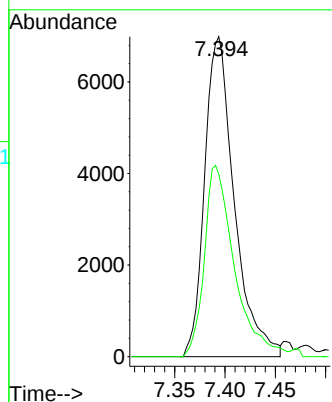
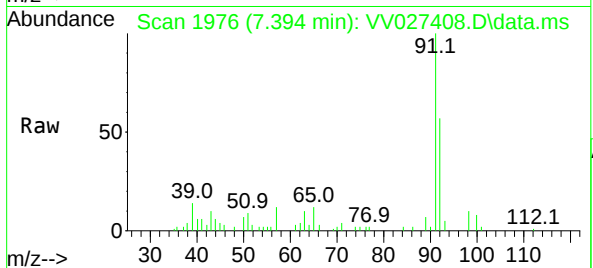
ClientSampleId :

Tgt Ion: 91 Resp: 14319

Ion Ratio Lower Upper

91 100

92 57.0 39.9 74.1



#44

trans-1,3-Dichloropropene

Concen: 0.074 ug/L

RT: 7.625 min Scan# 2048

Delta R.T. -0.022 min

Lab File: VV027408.D

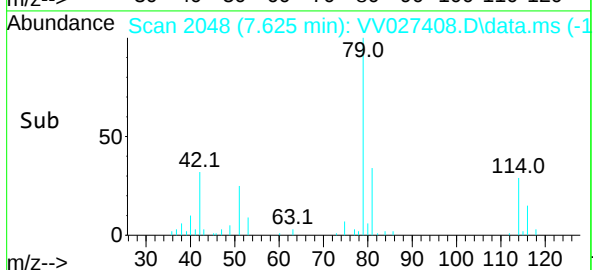
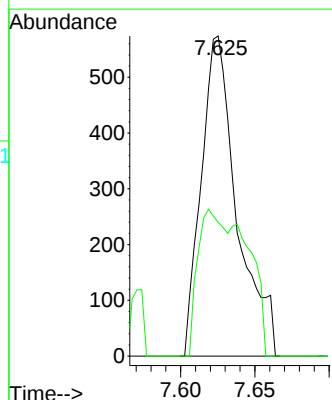
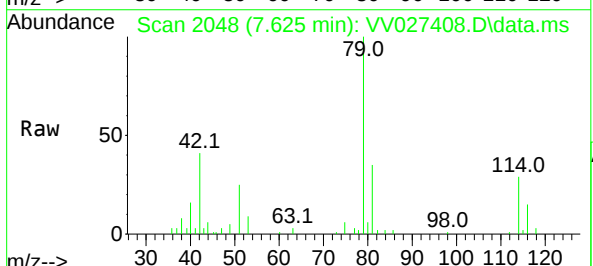
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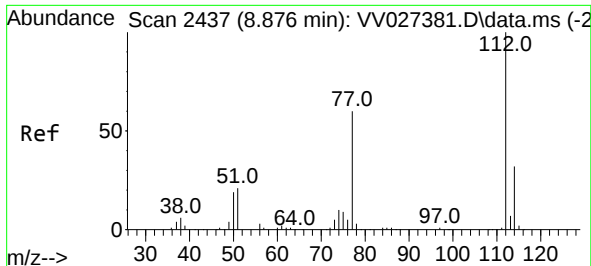
Tgt Ion: 75 Resp: 959

Ion Ratio Lower Upper

75 100

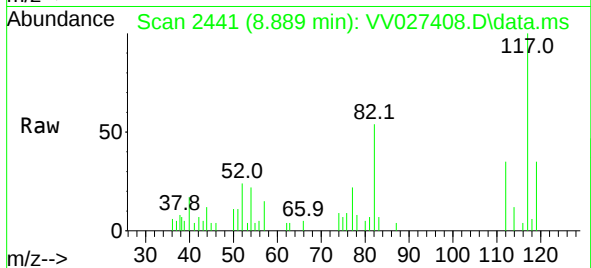
77 41.8 21.9 40.7#



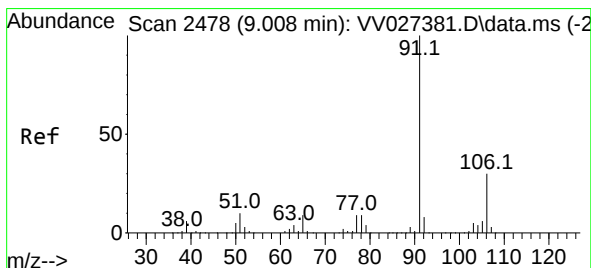
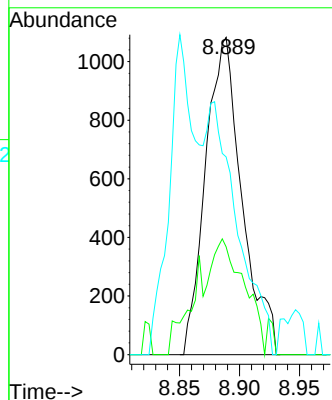
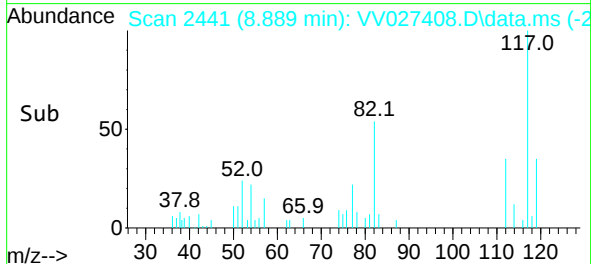


#51
Chlorobenzene
Concen: 0.071 ug/L
RT: 8.889 min Scan# 2441
Delta R.T. 0.013 min
Lab File: VV027408.D
Acq: 16 Aug 2022 12:45

Instrument :
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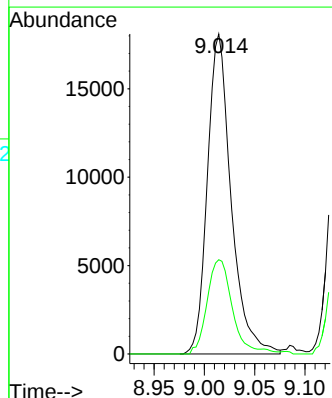
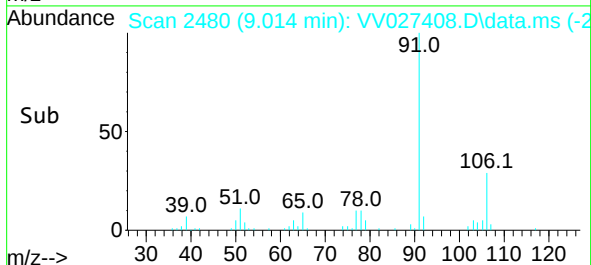
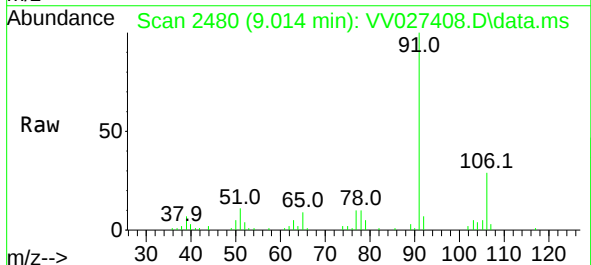


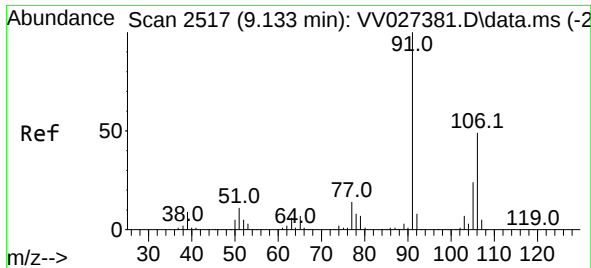
Tgt Ion:112 Resp: 2283
Ion Ratio Lower Upper
112 100
114 34.0 22.5 41.9
77 62.3 46.4 69.6



#52
Ethylbenzene
Concen: 0.603 ug/L
RT: 9.014 min Scan# 2480
Delta R.T. 0.006 min
Lab File: VV027408.D
Acq: 16 Aug 2022 12:45

Tgt Ion: 91 Resp: 29698
Ion Ratio Lower Upper
91 100
106 29.4 21.5 39.9

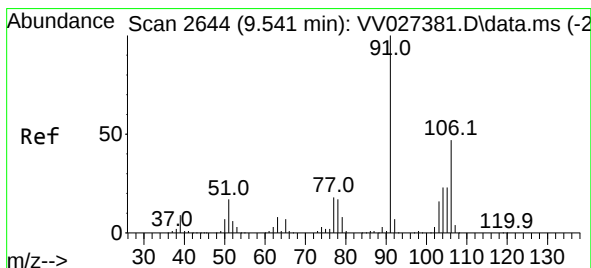
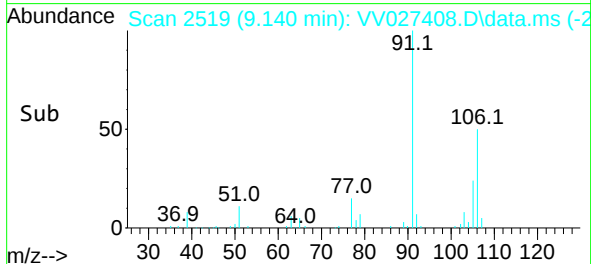
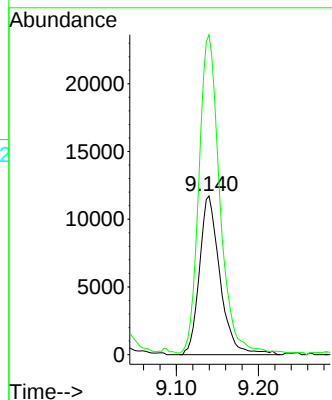
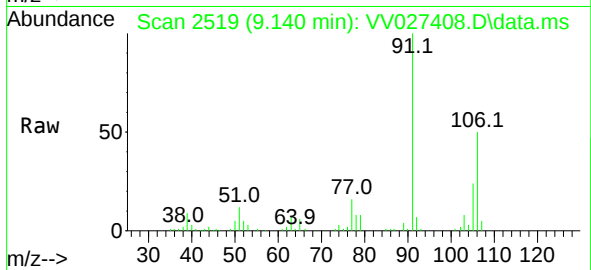




#53
m,p-Xylene
Concen: 1.085 ug/L
RT: 9.140 min Scan# 2517
Delta R.T. 0.006 min
Lab File: VV027408.D
Acq: 16 Aug 2022 12:45

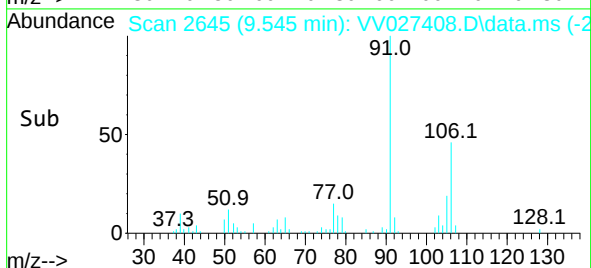
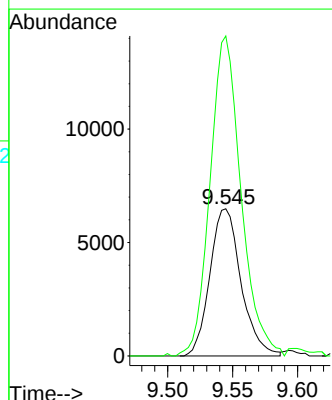
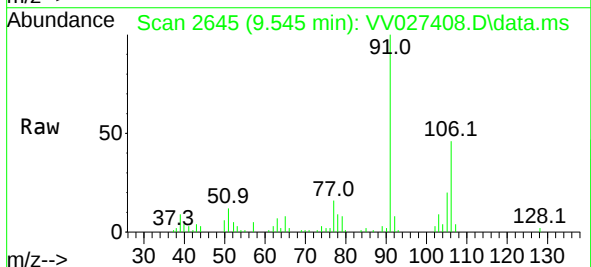
Instrument :
MSVOA_V
ClientSampleId :

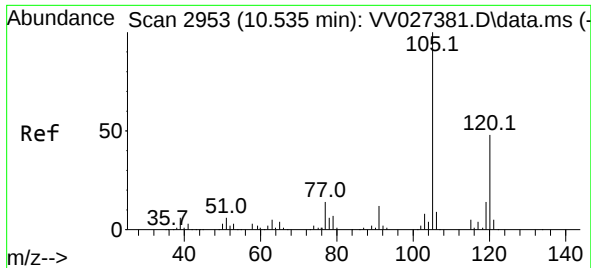
Tgt Ion:106 Resp: 20383
Ion Ratio Lower Upper
106 100
91 201.6 141.5 262.9



#54
o-Xylene
Concen: 0.589 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.003 min
Lab File: VV027408.D
Acq: 16 Aug 2022 12:45

Tgt Ion:106 Resp: 10820
Ion Ratio Lower Upper
106 100
91 217.3 153.2 284.4

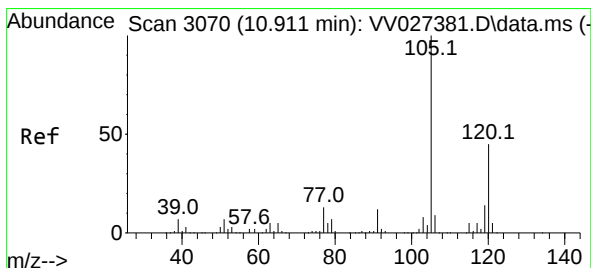
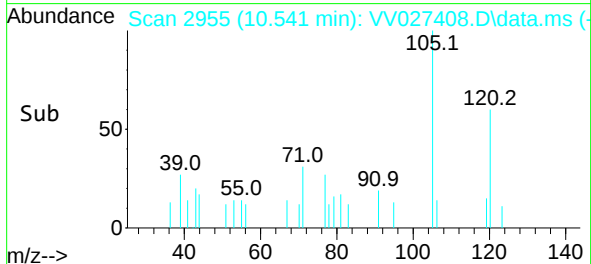
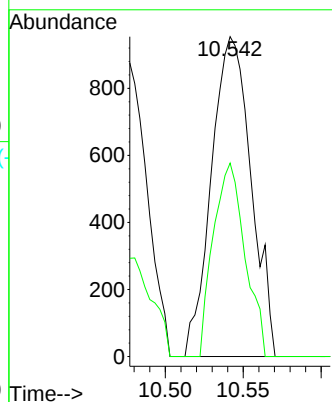
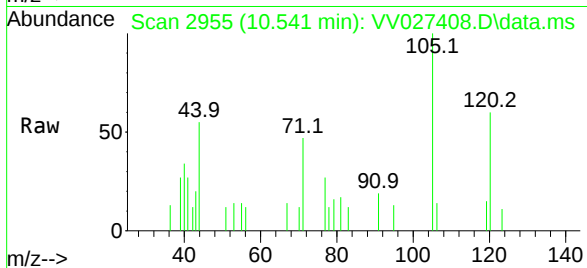




#62
1,3,5-Trimethylbenzene
Concen: 0.146 ug/L
RT: 10.541 min Scan# 2955
Delta R.T. 0.006 min
Lab File: VV027408.D
Acq: 16 Aug 2022 12:45

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:105 Resp: 1693
Ion Ratio Lower Upper
105 100
120 48.1 38.2 57.4



#63
1,2,4-Trimethylbenzene
Concen: 0.158 ug/L
RT: 10.914 min Scan# 3071
Delta R.T. 0.003 min
Lab File: VV027408.D
Acq: 16 Aug 2022 12:45

Tgt Ion:105 Resp: 5245
Ion Ratio Lower Upper
105 100
120 45.8 36.2 54.2

