

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061722\
 Data File : VW026384.D
 Acq On : 17 Jun 2022 16:14
 Operator : SY/MD
 Sample : N3318-05 5X
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 18 00:05:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jun 18 00:00:00 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.629	114	171008	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	167404	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	68454	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.323	65	60593	4.079	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	81.600%	
7) Chloroethane-d5	1.584	69	53044	4.542	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	90.800%	
11) 1,1-Dichloroethene-d2	2.124	63	86313	3.384	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	67.600%	
20) 2-Butanone-d5	3.921	46	74690	51.534	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	103.060%	
24) Chloroform-d	4.365	84	111070	5.102	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	102.000%	
26) 1,2-Dichloroethane-d4	5.047	65	45350	4.924	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	98.400%	
32) Benzene-d6	5.063	84	203949	4.557	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.200%	
36) 1,2-Dichloropropane-d6	6.079	67	64604	4.946	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	99.000%	
41) Toluene-d8	7.320	98	157070	3.849	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	77.000%	
43) trans-1,3-Dichloroprop...	7.632	79	11830	2.793	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	55.800%	
46) 2-Hexanone-d5	8.092	63	57349	44.822	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	89.640%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	41849	5.201	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	104.000%	
66) 1,2-Dichlorobenzene-d4	11.625	152	53045	5.031	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	100.600%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.256	50	812	0.057	ug/L	91
5) Vinyl chloride	1.327	62	7826	0.530	ug/L #	1
8) Chloroethane	1.548	64	75319	8.219	ug/L #	49
12) 1,1-Dichloroethene	2.134	96	2491	0.231	ug/L #	1
14) Carbon disulfide	2.311	76	3009	0.113	ug/L #	94
16) Methylene chloride	2.526	84	5988	0.434	ug/L	94
17) Methyl tert-butyl Ether	2.793	73	2040	0.110	ug/L	95
18) trans-1,2-Dichloroethene	2.783	96	1490	0.142	ug/L	98
19) 1,1-Dichloroethane	3.211	63	11285	0.565	ug/L	96
22) cis-1,2-Dichloroethene	3.934	96	26490	2.499	ug/L	98
34) Trichloroethene	5.928	95	4918	0.420	ug/L	88
35) Methylcyclohexane	6.079	83	15575	0.961	ug/L #	19
37) 1,2-Dichloropropane	6.079	63	6863	0.611	ug/L #	88
39) cis-1,3-Dichloropropene	6.992	75	879	0.069	ug/L #	59
61) 1,2,3-Trichloropropane	11.249	75	7548	1.699	ug/L #	68
62) 1,3,5-Trimethylbenzene	10.921	105	913	0.032	ug/L	90

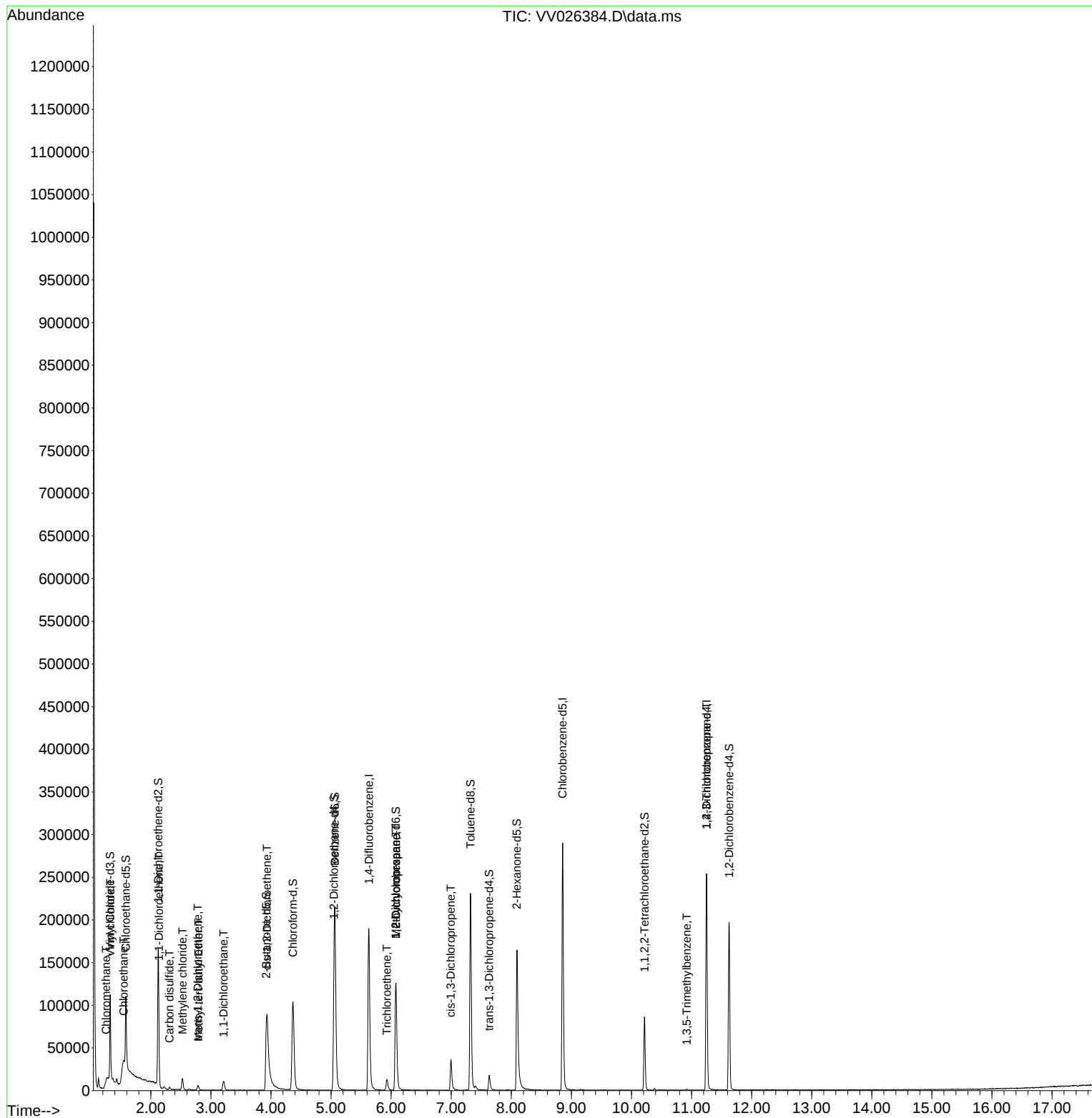
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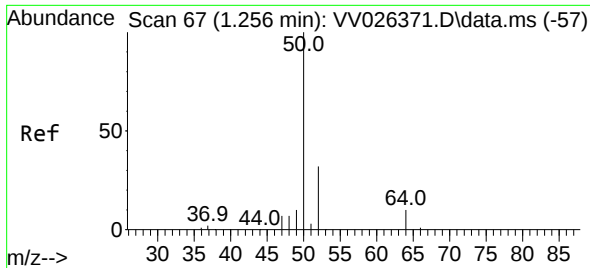
Instrument :
MSVOA_V
ClientSampleId :

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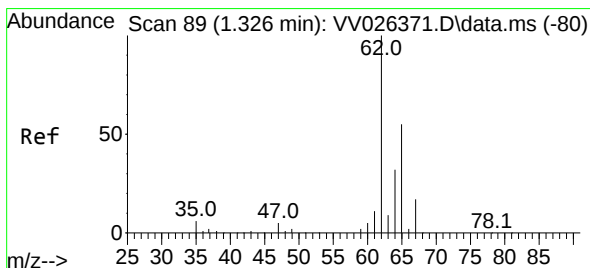
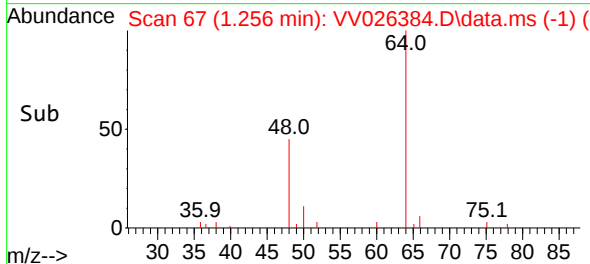
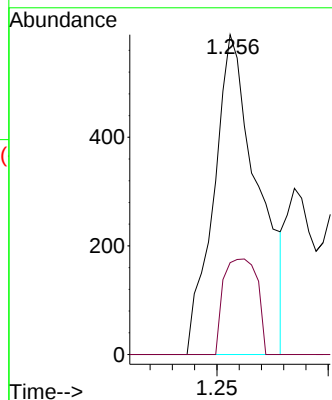
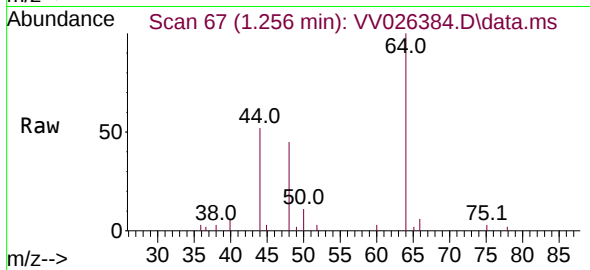




#3
Chloromethane
Concen: 0.057 ug/L
RT: 1.256 min Scan# 67
Delta R.T. 0.000 min
Lab File: VV026384.D
Acq: 17 Jun 2022 16:14

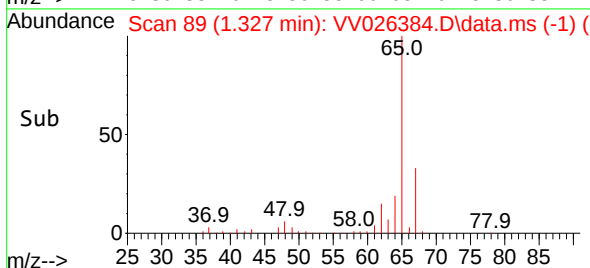
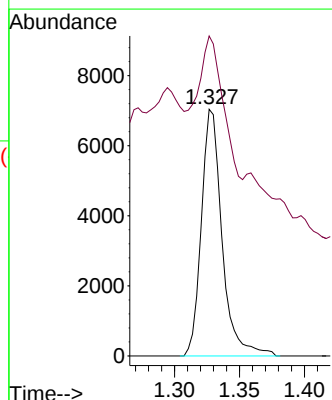
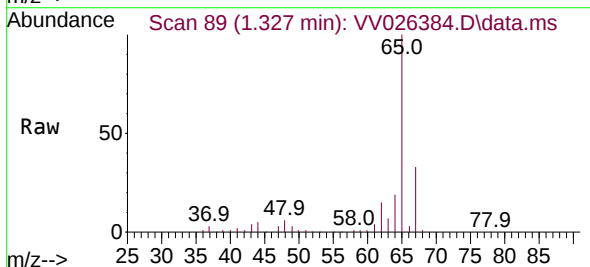
Instrument :
MSVOA_V
ClientSampleId :

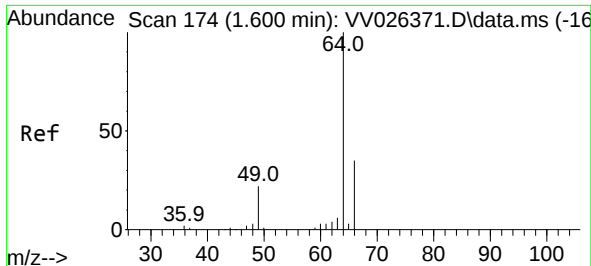
Tgt Ion: 50 Resp: 812
Ion Ratio Lower Upper
50 100
52 28.7 23.7 44.1



#5
Vinyl chloride
Concen: 0.530 ug/L
RT: 1.327 min Scan# 89
Delta R.T. 0.000 min
Lab File: VV026384.D
Acq: 17 Jun 2022 16:14

Tgt Ion: 62 Resp: 7826
Ion Ratio Lower Upper
62 100
64 129.7 23.2 43.2#

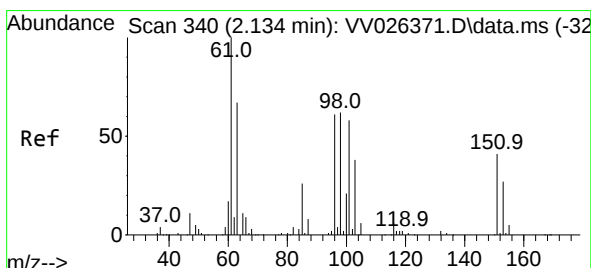
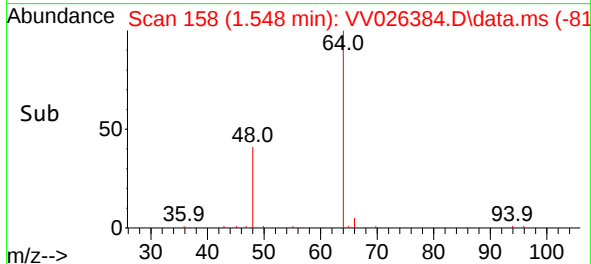
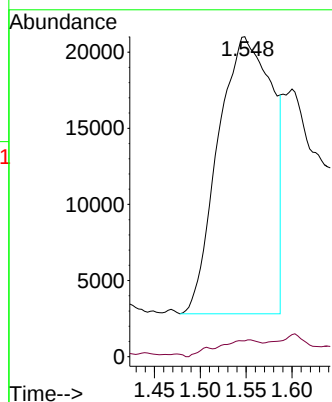
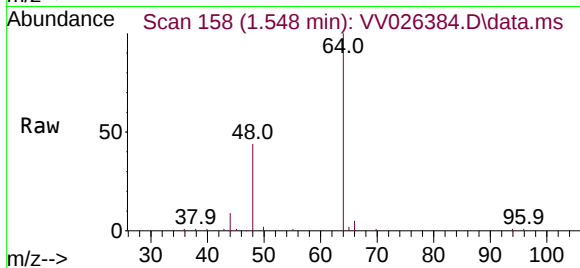




#8
Chloroethane
Concen: 8.219 ug/L
RT: 1.548 min Scan# 11
Delta R.T. -0.051 min
Lab File: VV026384.D
Acq: 17 Jun 2022 16:14

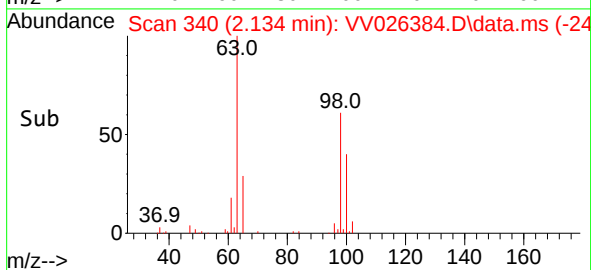
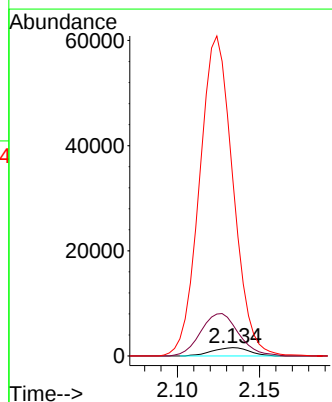
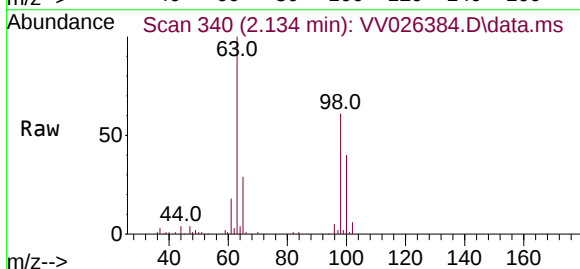
Instrument :
MSVOA_V
ClientSampleId :

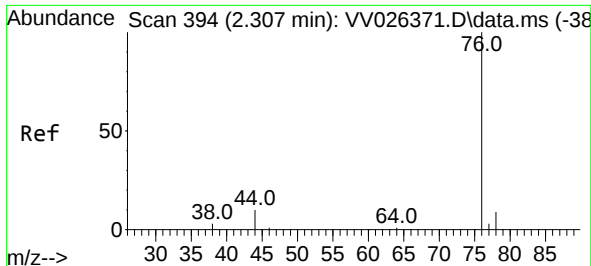
Tgt Ion: 64 Resp: 75319
Ion Ratio Lower Upper
64 100
66 4.9 24.1 44.7#



#12
1,1-Dichloroethene
Concen: 0.231 ug/L
RT: 2.134 min Scan# 340
Delta R.T. 0.000 min
Lab File: VV026384.D
Acq: 17 Jun 2022 16:14

Tgt Ion: 96 Resp: 2491
Ion Ratio Lower Upper
96 100
61 380.4 117.1 217.5#
63 2154.0 92.8 172.4#





#14

Carbon disulfide

Concen: 0.113 ug/L

RT: 2.311 min Scan# 394

Delta R.T. 0.003 min

Lab File: VV026384.D

Acq: 17 Jun 2022 16:14

Instrument :

MSVOA_V

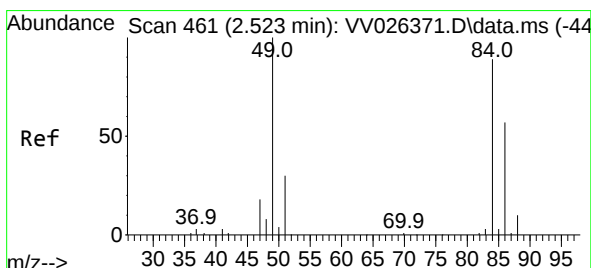
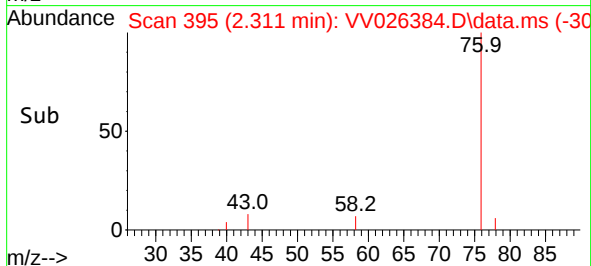
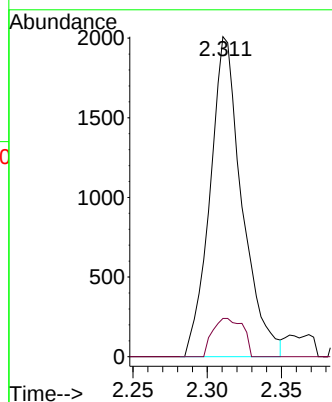
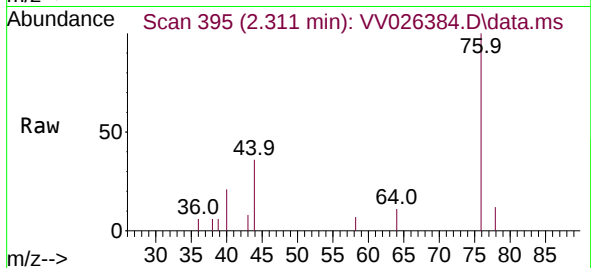
ClientSampleId :

Tgt Ion: 76 Resp: 3009

Ion Ratio Lower Upper

76 100

78 11.9 7.7 11.5#



#16

Methylene chloride

Concen: 0.434 ug/L

RT: 2.526 min Scan# 462

Delta R.T. 0.003 min

Lab File: VV026384.D

Acq: 17 Jun 2022 16:14

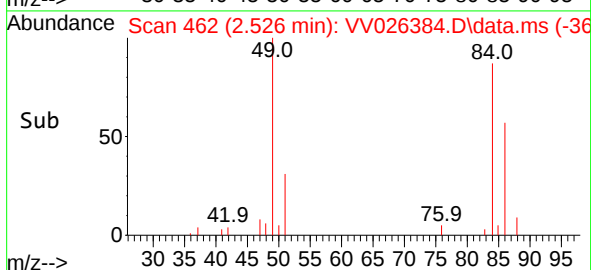
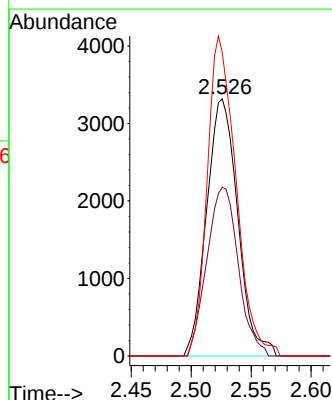
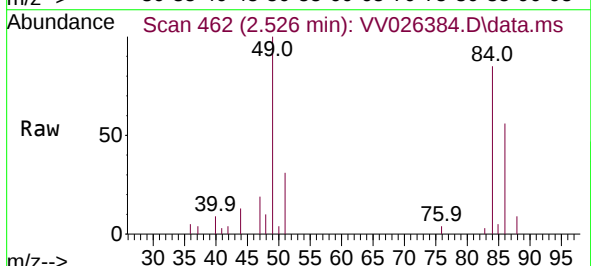
Tgt Ion: 84 Resp: 5988

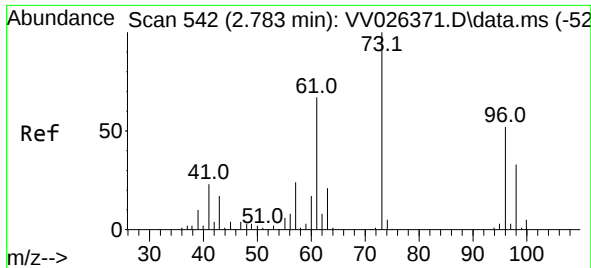
Ion Ratio Lower Upper

84 100

86 65.6 44.0 81.8

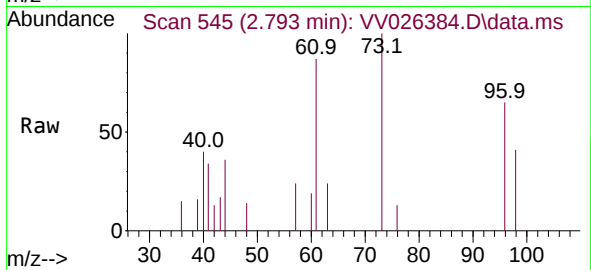
49 118.0 77.3 143.7





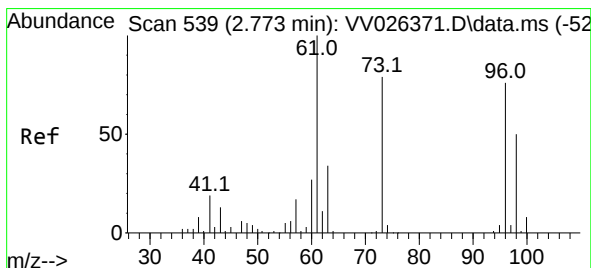
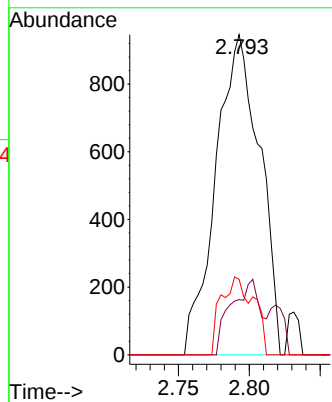
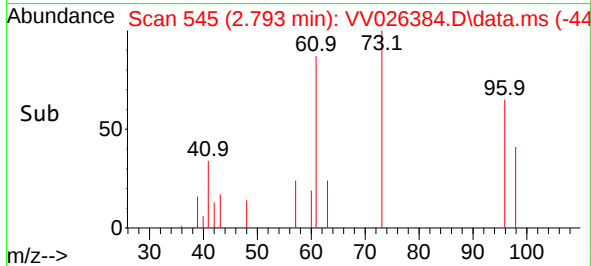
#17
Methyl tert-butyl Ether
Concen: 0.110 ug/L
RT: 2.793 min Scan# 54
Delta R.T. 0.010 min
Lab File: VV026384.D
Acq: 17 Jun 2022 16:14

Instrument :
MSVOA_V
ClientSampleId :

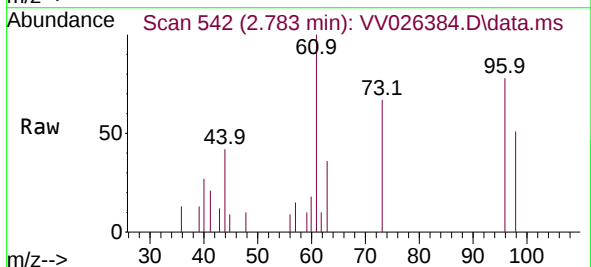


Tgt Ion: 73 Resp: 2040

Ion	Ratio	Lower	Upper
73	100		
43	15.9	13.0	19.6
57	18.0	17.6	26.4

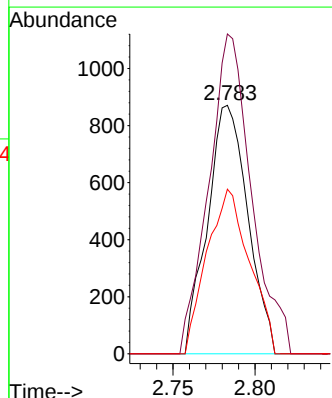
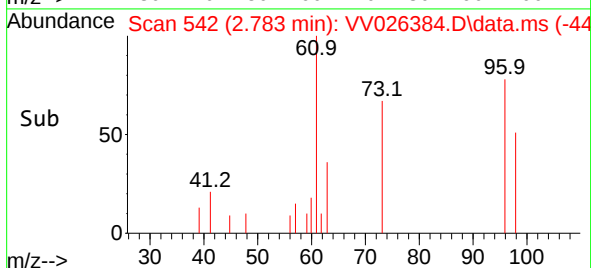


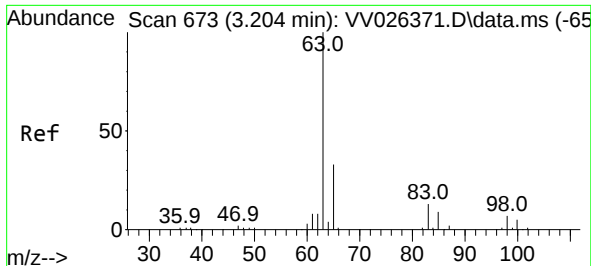
#18
trans-1,2-Dichloroethene
Concen: 0.142 ug/L
RT: 2.783 min Scan# 542
Delta R.T. 0.010 min
Lab File: VV026384.D
Acq: 17 Jun 2022 16:14



Tgt Ion: 96 Resp: 1490

Ion	Ratio	Lower	Upper
96	100		
61	128.7	91.3	169.6
98	66.2	45.3	84.1





#19

1,1-Dichloroethane

Concen: 0.565 ug/L

RT: 3.211 min Scan# 61

Delta R.T. 0.007 min

Lab File: VV026384.D

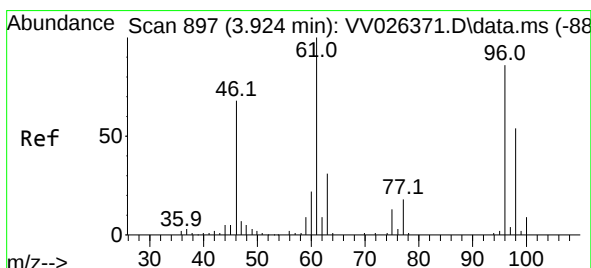
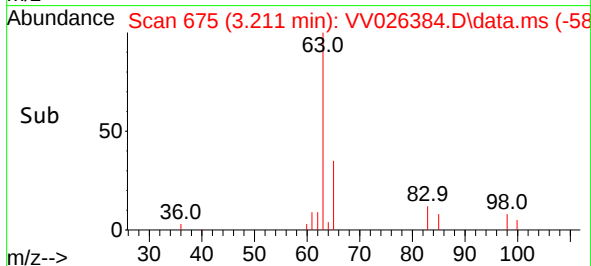
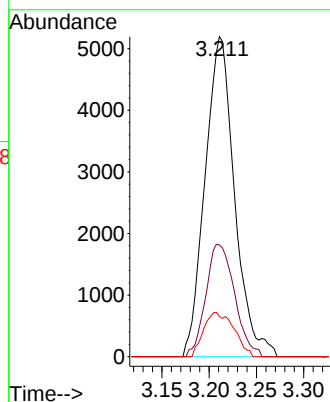
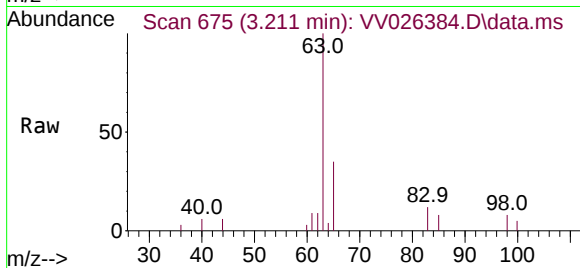
Acq: 17 Jun 2022 16:14

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion:	63	Resp:	11285
Ion	Ratio	Lower	Upper
63	100		
65	34.9	22.3	41.3
83	12.5	8.9	16.5



#22

cis-1,2-Dichloroethene

Concen: 2.499 ug/L

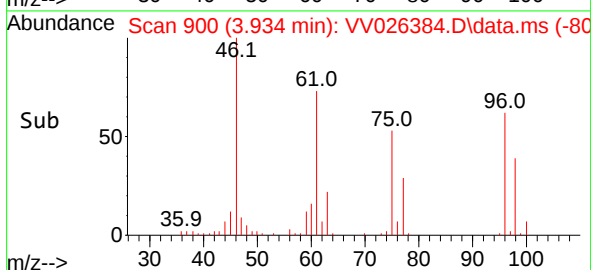
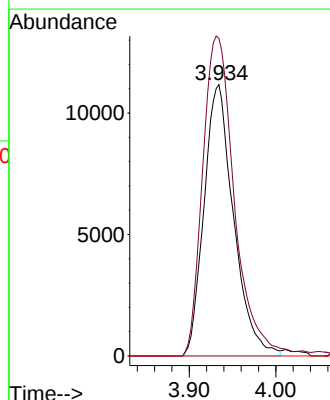
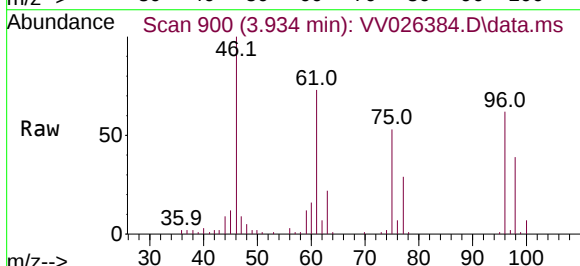
RT: 3.934 min Scan# 900

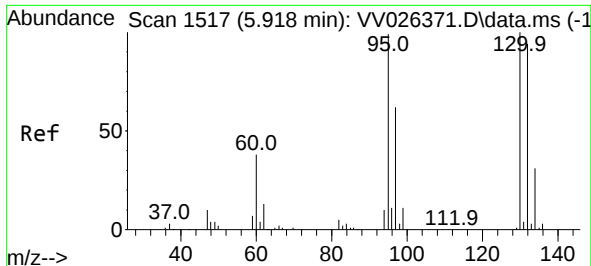
Delta R.T. 0.010 min

Lab File: VV026384.D

Acq: 17 Jun 2022 16:14

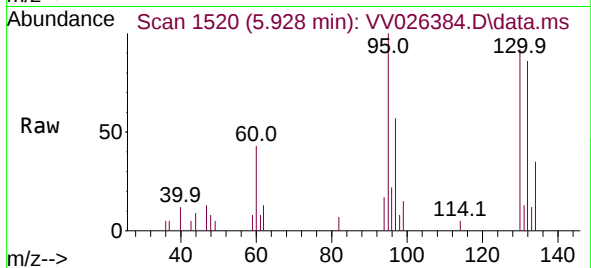
Tgt Ion:	96	Resp:	26490
Ion	Ratio	Lower	Upper
96	100		
61	117.1	83.6	155.2
68	0.0	0.0	0.0





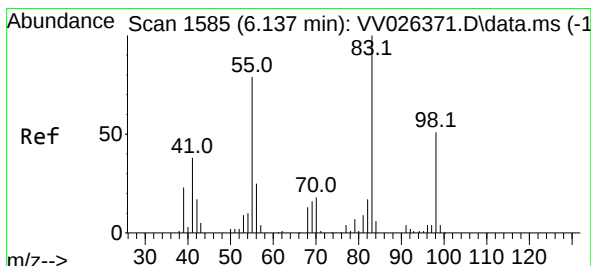
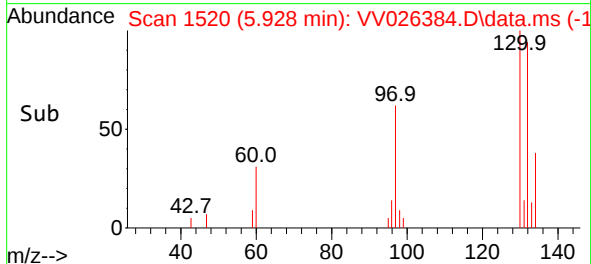
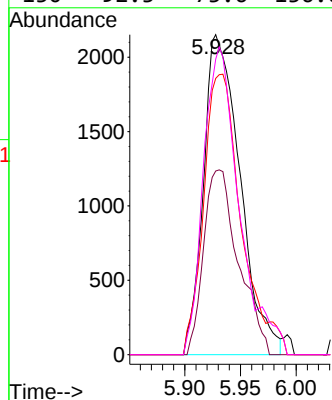
#34
Trichloroethene
Concen: 0.420 ug/L
RT: 5.928 min Scan# 11
Delta R.T. 0.010 min
Lab File: VV026384.D
Acq: 17 Jun 2022 16:14

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 95 Resp: 4918

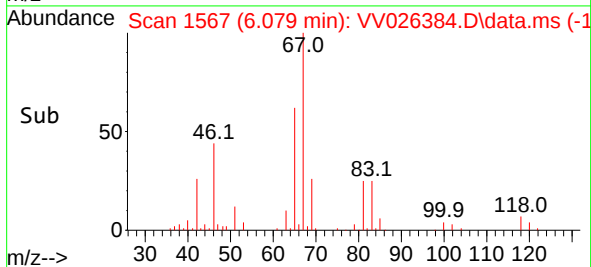
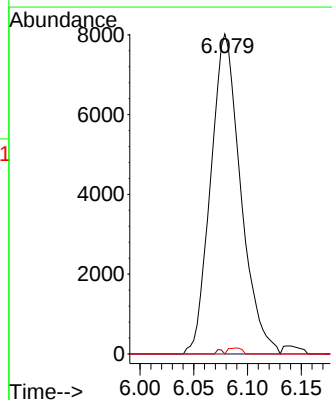
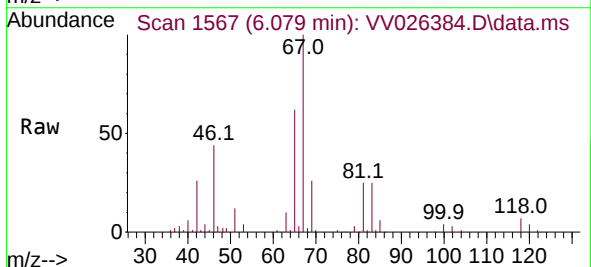
Ion	Ratio	Lower	Upper
95	100		
97	57.4	46.5	86.3
132	86.3	68.8	127.8
130	92.3	73.6	136.6

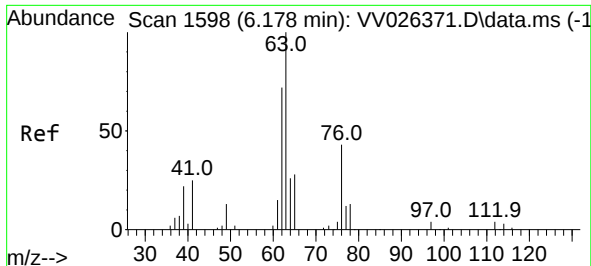


#35
Methylcyclohexane
Concen: 0.961 ug/L
RT: 6.079 min Scan# 1567
Delta R.T. -0.058 min
Lab File: VV026384.D
Acq: 17 Jun 2022 16:14

Tgt Ion: 83 Resp: 15575

Ion	Ratio	Lower	Upper
83	100		
55	0.3	59.3	88.9#
98	0.8	39.9	59.9#





#37

1,2-Dichloropropane

Concen: 0.611 ug/L

RT: 6.079 min Scan# 1

Delta R.T. -0.100 min

Lab File: VV026384.D

Acq: 17 Jun 2022 16:14

Instrument :

MSVOA_V

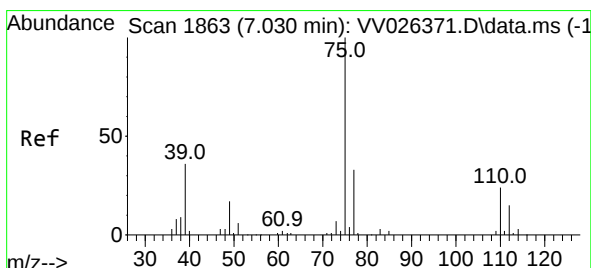
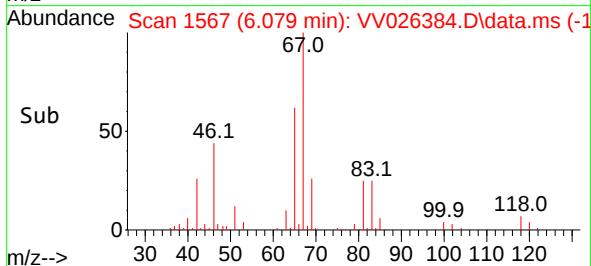
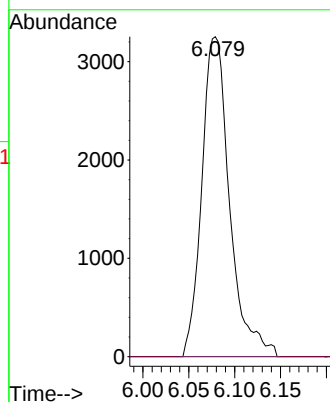
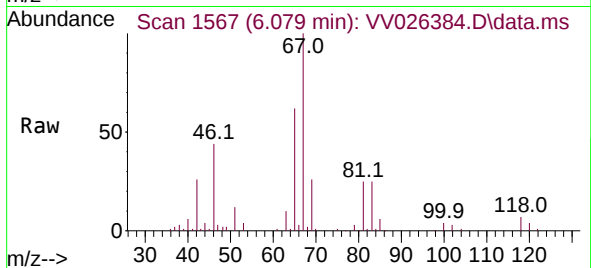
ClientSampleId :

Tgt Ion: 63 Resp: 6863

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#



#39

cis-1,3-Dichloropropene

Concen: 0.069 ug/L

RT: 6.992 min Scan# 1851

Delta R.T. -0.038 min

Lab File: VV026384.D

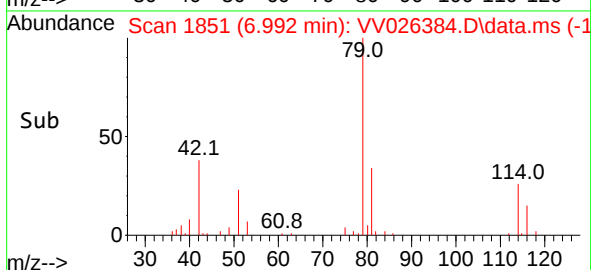
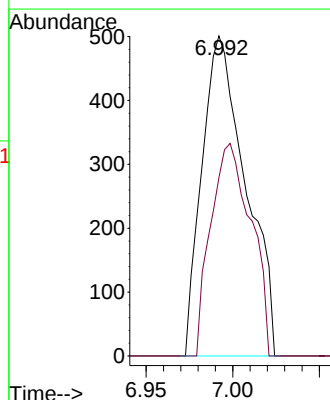
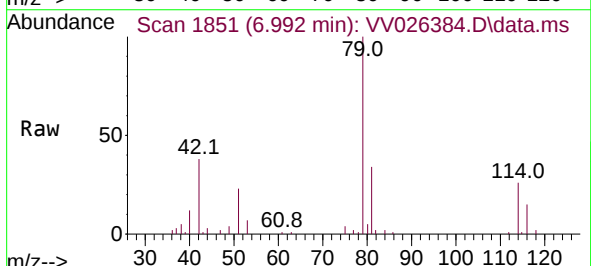
Acq: 17 Jun 2022 16:14

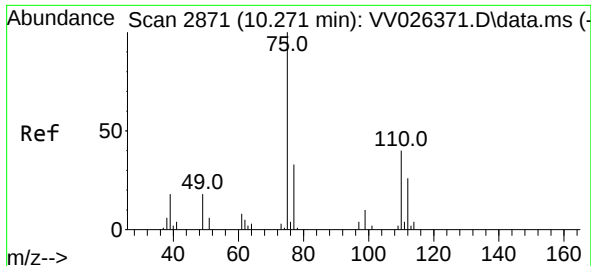
Tgt Ion: 75 Resp: 879

Ion Ratio Lower Upper

75 100

77 55.7 23.0 42.6#





#61

1,2,3-Trichloropropane

Concen: 1.699 ug/L

RT: 11.249 min Scan# 3175

Delta R.T. 0.978 min

Lab File: VV026384.D

Acq: 17 Jun 2022 16:14

Instrument :

MSVOA_V

ClientSampleId :

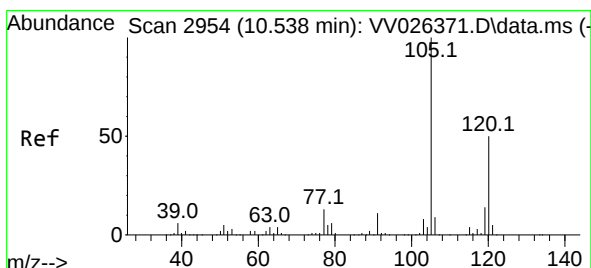
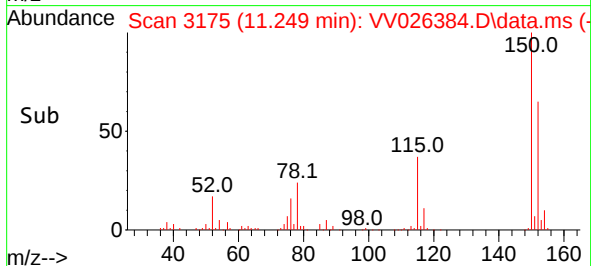
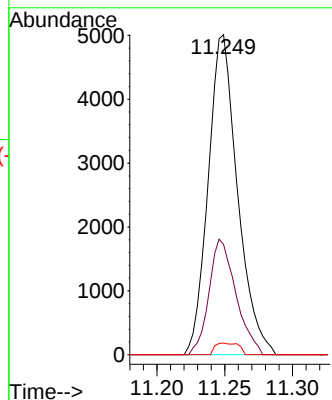
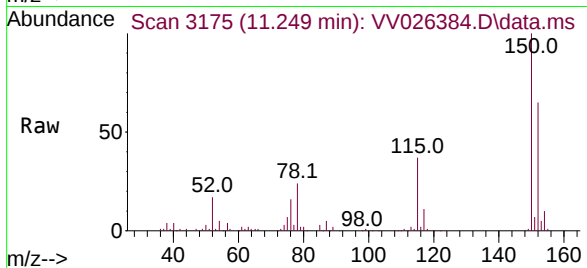
Tgt Ion: 75 Resp: 7548

Ion Ratio Lower Upper

75 100

77 33.1 26.9 40.3

110 2.9 30.7 46.1#



#62

1,3,5-Trimethylbenzene

Concen: 0.032 ug/L

RT: 10.921 min Scan# 3073

Delta R.T. 0.383 min

Lab File: VV026384.D

Acq: 17 Jun 2022 16:14

Tgt Ion: 105 Resp: 913

Ion Ratio Lower Upper

105 100

120 43.3 39.9 59.9

