

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061722\
 Data File : VW026389.D
 Acq On : 17 Jun 2022 18:51
 Operator : SY/MD
 Sample : N3318-10 5X
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jun 18 01:16:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jun 18 01:02:22 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	177425	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	170211	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	70337	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	53264	3.456	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	69.200%	
7) Chloroethane-d5	1.584	69	47967	3.959	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	79.200%	
11) 1,1-Dichloroethene-d2	2.121	63	79640	3.009	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	60.200%	
20) 2-Butanone-d5	3.931	46	77752	51.707	ug/L	0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	103.420%	
24) Chloroform-d	4.365	84	103702	4.591	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.800%	
26) 1,2-Dichloroethane-d4	5.047	65	42278	4.424	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	88.400%	
32) Benzene-d6	5.060	84	189397	4.162	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	83.200%	
36) 1,2-Dichloropropane-d6	6.079	67	60833	4.580	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	91.600%	
41) Toluene-d8	7.320	98	146402	3.528	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	70.600%	
43) trans-1,3-Dichloroprop...	7.632	79	10742	2.494	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	49.800%#	
46) 2-Hexanone-d5	8.095	63	53083	40.804	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	81.600%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	40182	4.911	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	98.200%	
66) 1,2-Dichlorobenzene-d4	11.625	152	49898	4.606	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	92.200%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.327	62	51365	3.354	ug/L	89
8) Chloroethane	1.561	64	94001	9.887	ug/L #	51
12) 1,1-Dichloroethene	2.127	96	2350	0.210	ug/L #	1
13) Acetone	2.227	43	11619	9.971	ug/L	92
14) Carbon disulfide	2.307	76	9117	0.330	ug/L	98
16) Methylene chloride	2.523	84	5772	0.404	ug/L	99
17) Methyl tert-butyl Ether	2.802	73	1034	0.054	ug/L #	59
18) trans-1,2-Dichloroethene	2.780	96	3107	0.286	ug/L	98
19) 1,1-Dichloroethane	3.204	63	154639	7.459	ug/L	99
21) 2-Butanone	4.031	43	9832	6.520	ug/L	85
22) cis-1,2-Dichloroethene	3.928	96	70839	6.440	ug/L	97
34) Trichloroethene	5.928	95	2604	0.219	ug/L	84
35) Methylcyclohexane	6.079	83	15057	0.914	ug/L #	19
37) 1,2-Dichloropropane	6.079	63	6913	0.606	ug/L #	88
39) cis-1,3-Dichloropropene	6.998	75	925	0.071	ug/L #	9
61) 1,2,3-Trichloropropane	11.246	75	8297	1.818	ug/L #	66

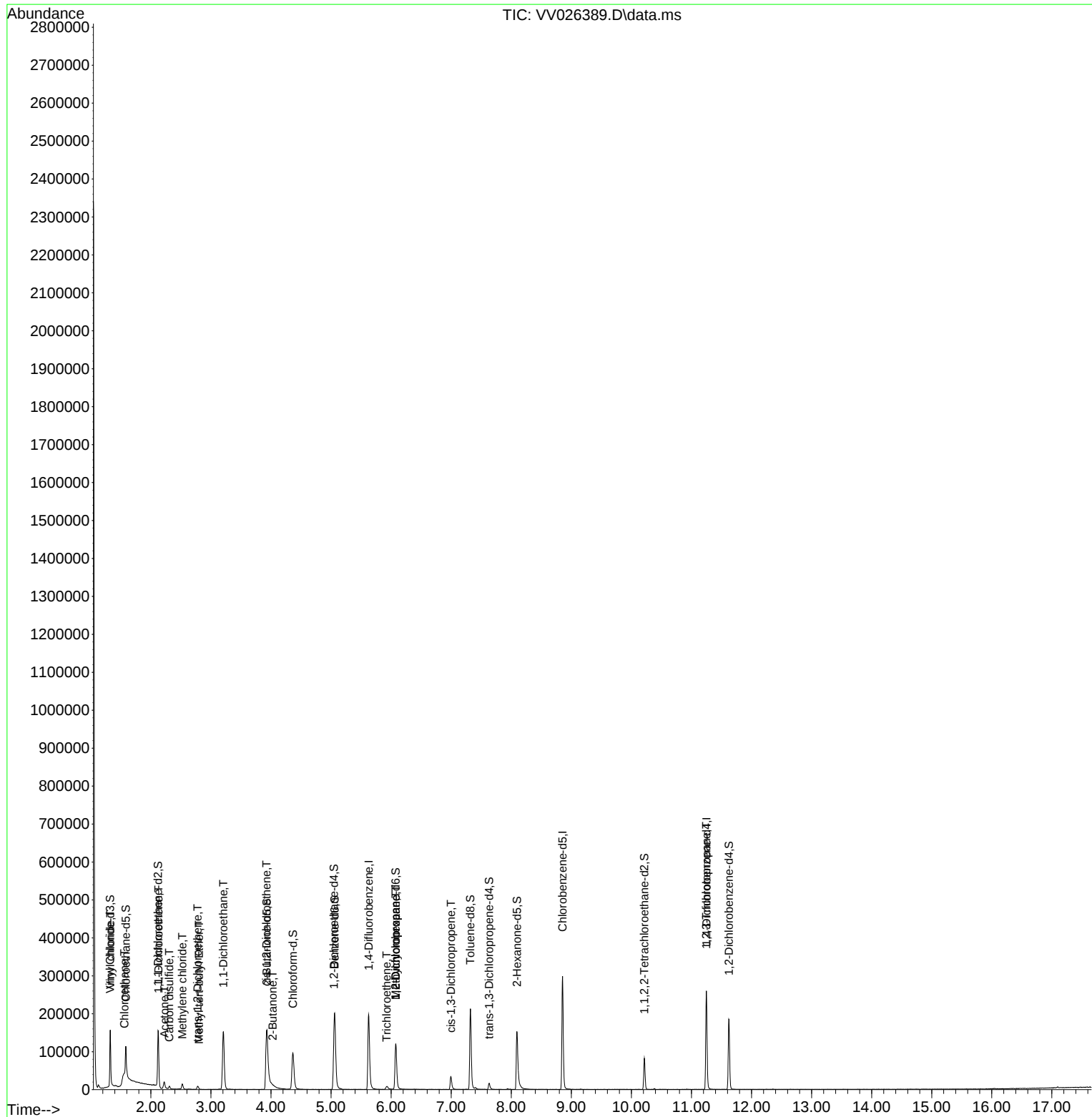
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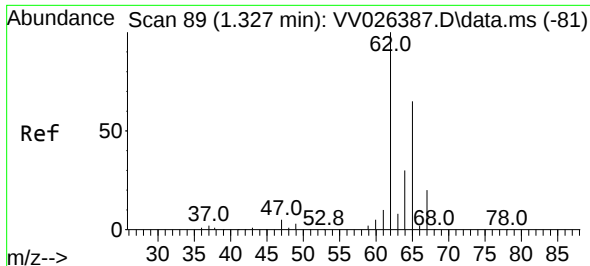
Instrument :
MSVOA_V
ClientSampleId :

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061722\
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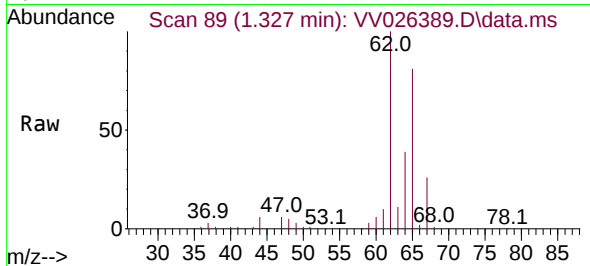
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
Quant Title : TRACE VOA SFAM1.0
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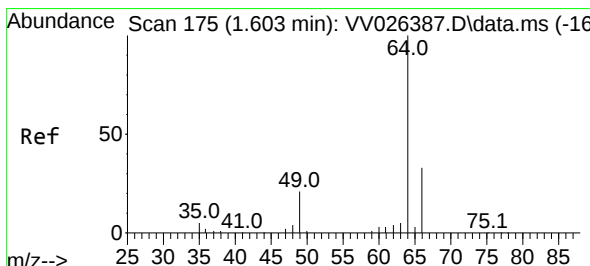
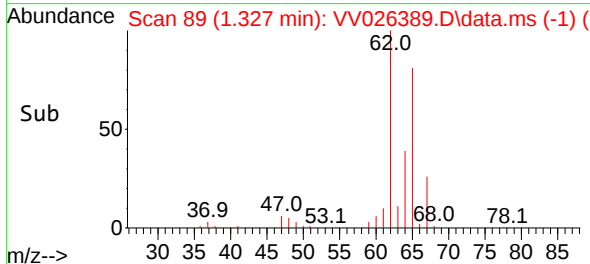
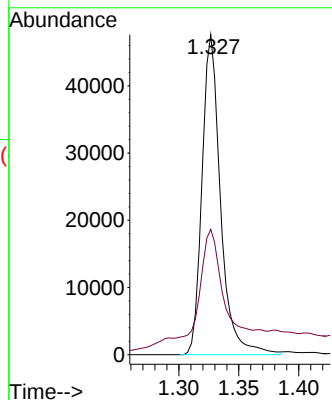


#5
 Vinyl chloride
 Concen: 3.354 ug/L
 RT: 1.327 min Scan# 89
 Delta R.T. -0.000 min
 Lab File: VV026389.D
 Acq: 17 Jun 2022 18:51

Instrument :
 MSVOA_V
 ClientSampleId :

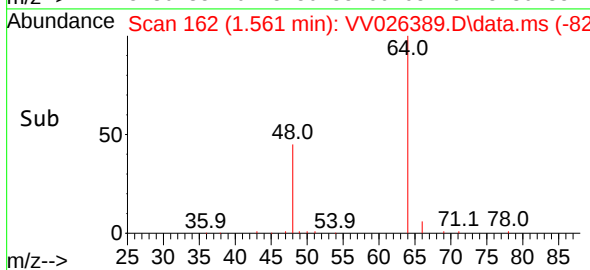
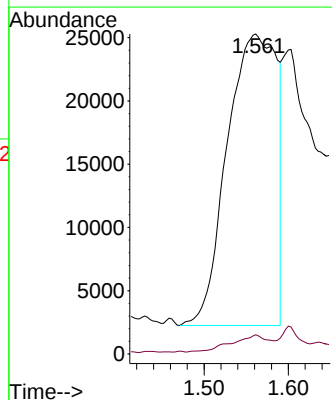
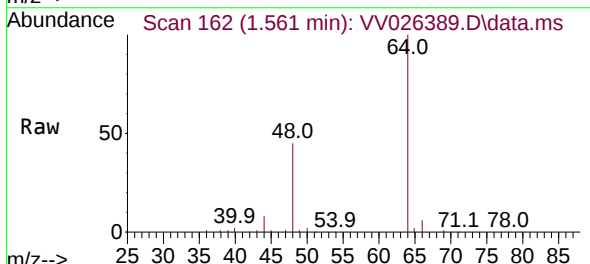


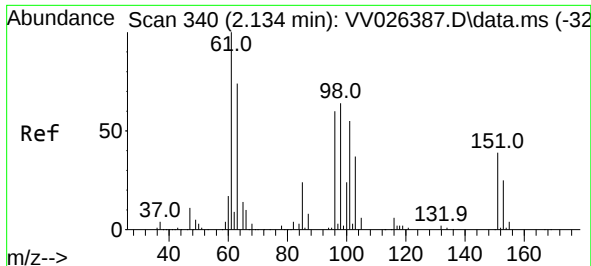
Tgt Ion: 62 Resp: 51365
 Ion Ratio Lower Upper
 62 100
 64 39.2 23.2 43.2



#8
 Chloroethane
 Concen: 9.887 ug/L
 RT: 1.561 min Scan# 162
 Delta R.T. -0.042 min
 Lab File: VV026389.D
 Acq: 17 Jun 2022 18:51

Tgt Ion: 64 Resp: 94001
 Ion Ratio Lower Upper
 64 100
 66 6.0 24.1 44.7#





#12

1,1-Dichloroethene

Concen: 0.210 ug/L

RT: 2.127 min Scan# 31

Delta R.T. -0.006 min

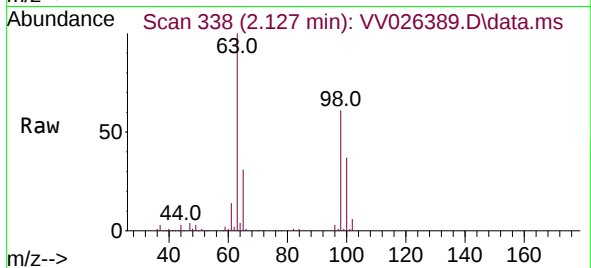
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Acq: 17 Jun 2022 18:51

Instrument :

MSVOA_V

ClientSampleId :



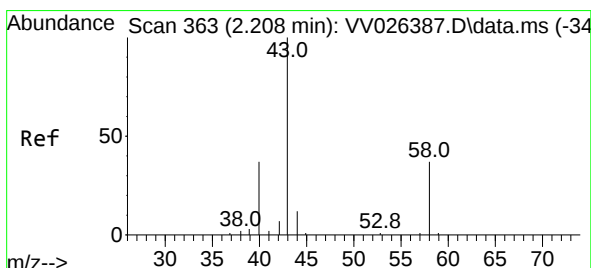
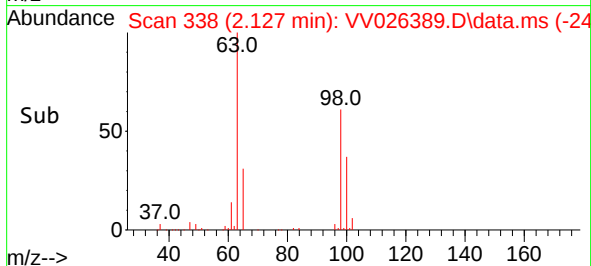
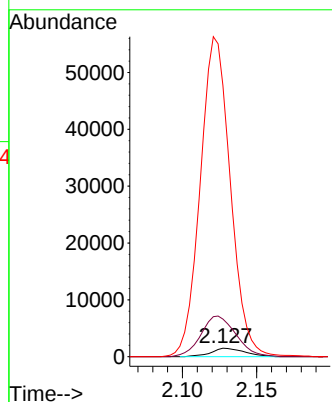
Tgt Ion: 96 Resp: 2350

Ion Ratio Lower Upper

96 100

61 444.9 117.1 217.5#

63 3215.6 92.8 172.4#



#13

Acetone

Concen: 9.971 ug/L

RT: 2.227 min Scan# 369

Delta R.T. 0.019 min

Lab File: VV026389.D

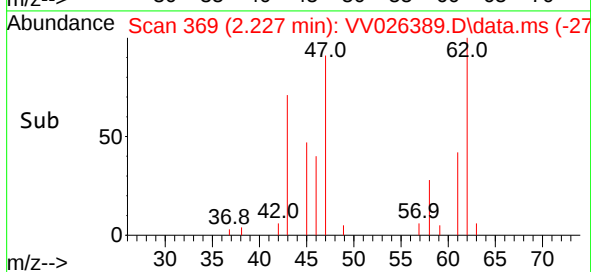
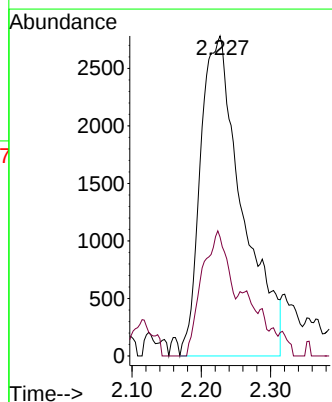
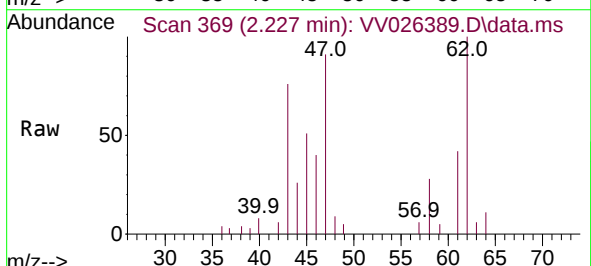
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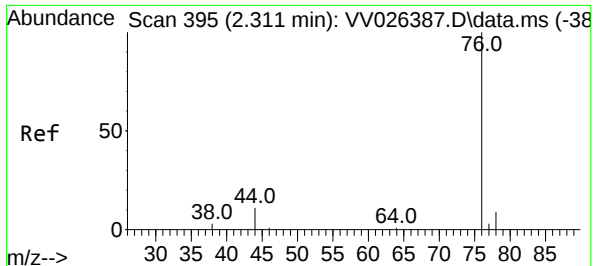
Tgt Ion: 43 Resp: 11619

Ion Ratio Lower Upper

43 100

58 25.8 0.0 60.0

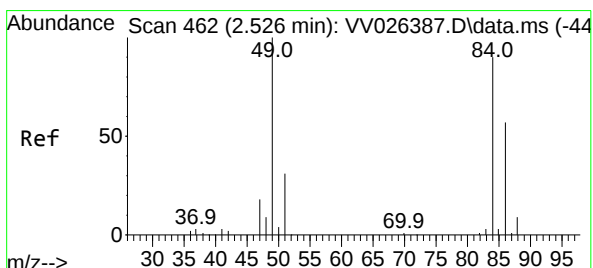
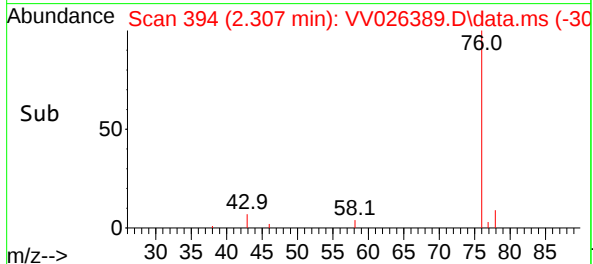
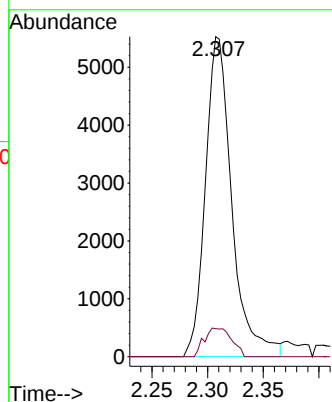
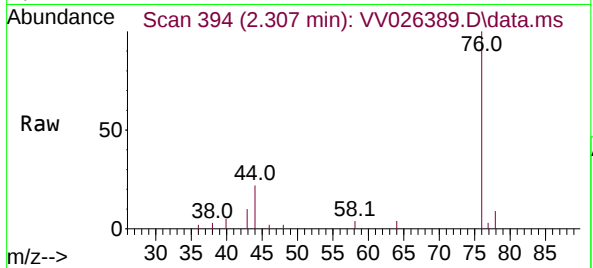




#14
Carbon disulfide
Concen: 0.330 ug/L
RT: 2.307 min Scan# 394
Delta R.T. -0.003 min
Lab File: VV026389.D
Acq: 17 Jun 2022 18:51

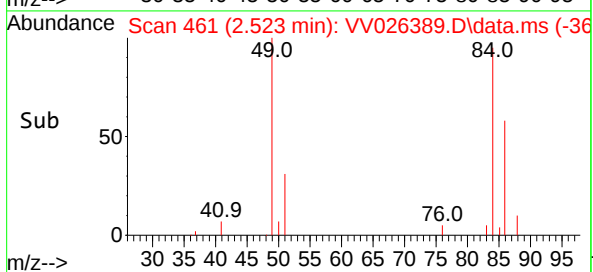
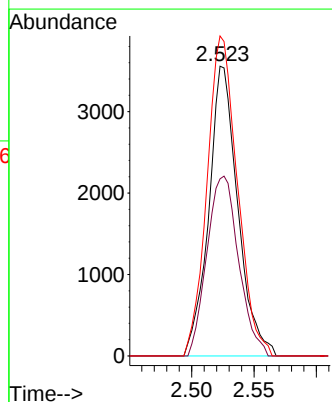
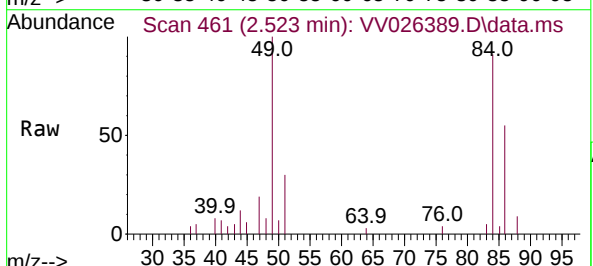
Instrument :
MSVOA_V
ClientSampleId :

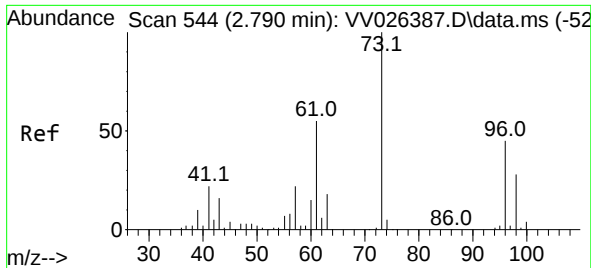
Tgt Ion: 76 Resp: 9117
Ion Ratio Lower Upper
76 100
78 8.7 7.7 11.5



#16
Methylene chloride
Concen: 0.404 ug/L
RT: 2.523 min Scan# 461
Delta R.T. -0.003 min
Lab File: VV026389.D
Acq: 17 Jun 2022 18:51

Tgt Ion: 84 Resp: 5772
Ion Ratio Lower Upper
84 100
86 61.1 44.0 81.8
49 110.4 77.3 143.7

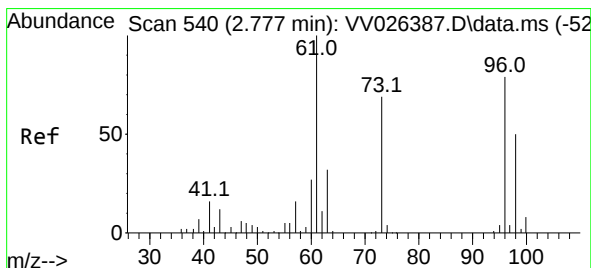
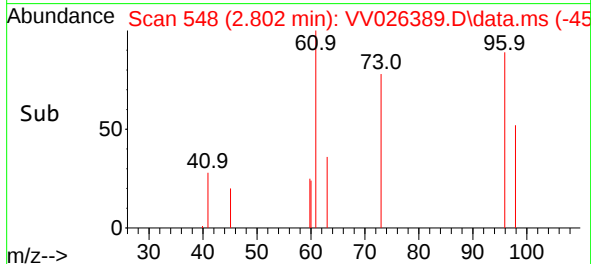
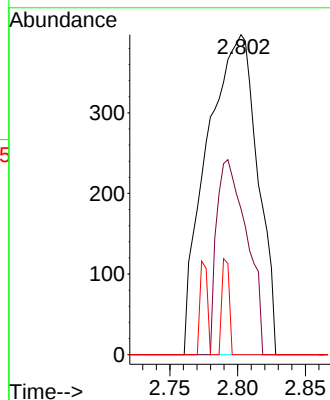
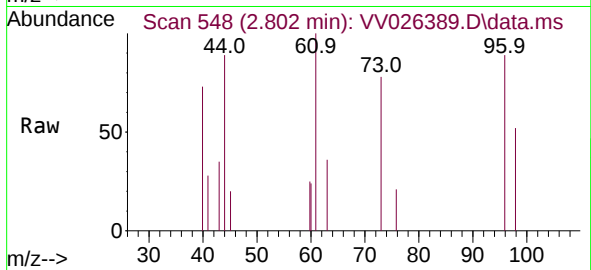




#17
Methyl tert-butyl Ether
Concen: 0.054 ug/L
RT: 2.802 min Scan# 541
Delta R.T. 0.013 min
Lab File: VV026389.D
Acq: 17 Jun 2022 18:51

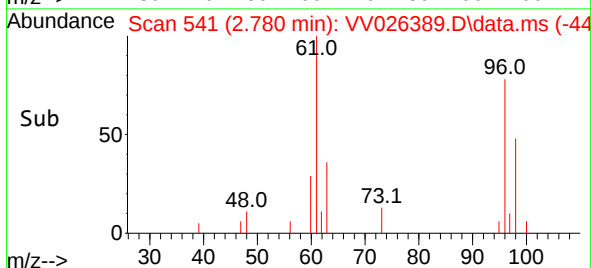
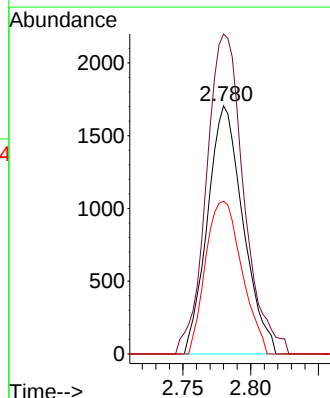
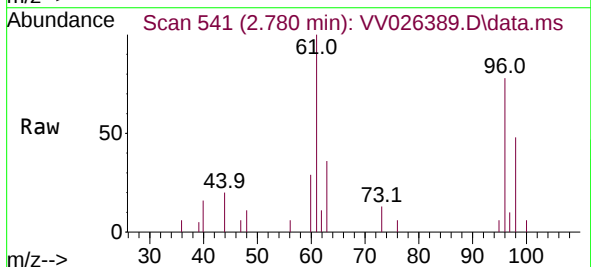
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MSVOA_V
ClientSampleId :

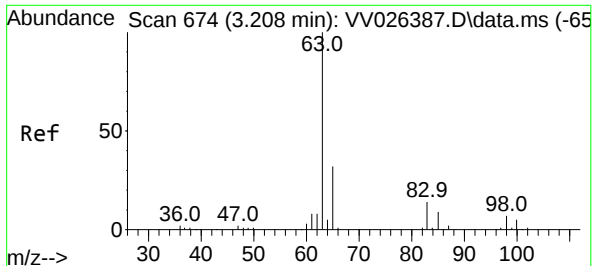
Tgt Ion: 73 Resp: 1034
Ion Ratio Lower Upper
73 100
43 36.0 13.0 19.6#
57 4.4 17.6 26.4#



#18
trans-1,2-Dichloroethene
Concen: 0.286 ug/L
RT: 2.780 min Scan# 541
Delta R.T. 0.003 min
Lab File: VV026389.D
Acq: 17 Jun 2022 18:51

Tgt Ion: 96 Resp: 3107
Ion Ratio Lower Upper
96 100
61 129.0 91.3 169.6
98 61.5 45.3 84.1





#19

1,1-Dichloroethane

Concen: 7.459 ug/L

RT: 3.204 min Scan# 61

Delta R.T. -0.003 min

Lab File: VV026389.D

Acq: 17 Jun 2022 18:51

Instrument :

MSVOA_V

ClientSampleId :

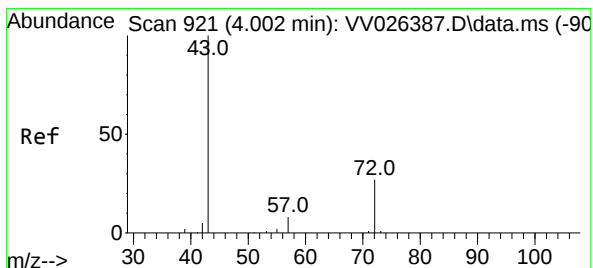
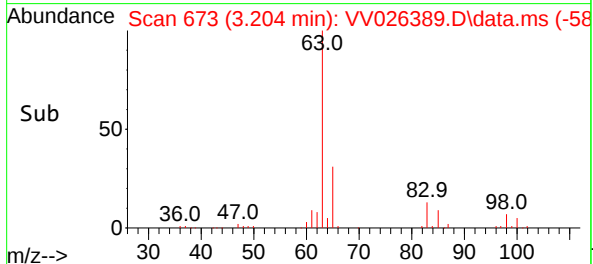
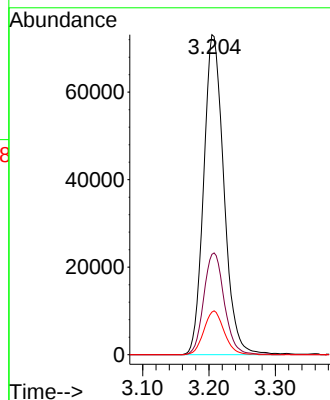
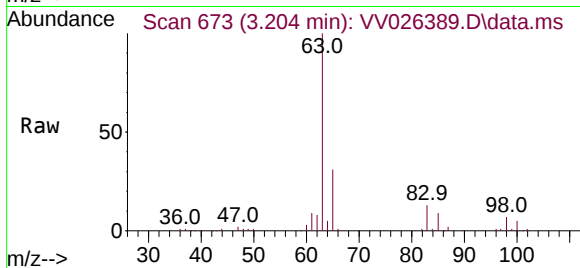
Tgt Ion: 63 Resp: 154639

Ion Ratio Lower Upper

63 100

65 31.3 22.3 41.3

83 13.3 8.9 16.5



#21

2-Butanone

Concen: 6.520 ug/L

RT: 4.031 min Scan# 930

Delta R.T. 0.029 min

Lab File: VV026389.D

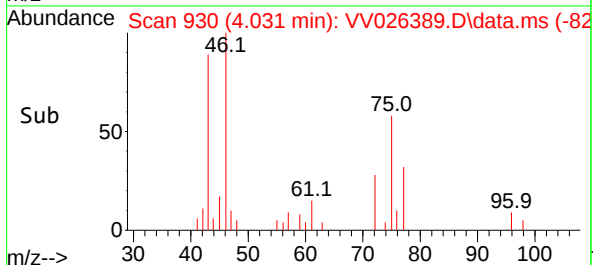
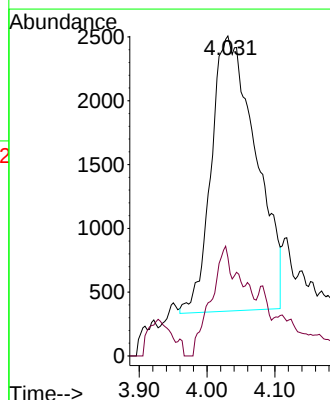
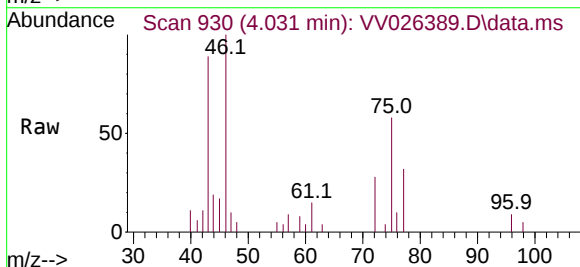
Acq: 17 Jun 2022 18:51

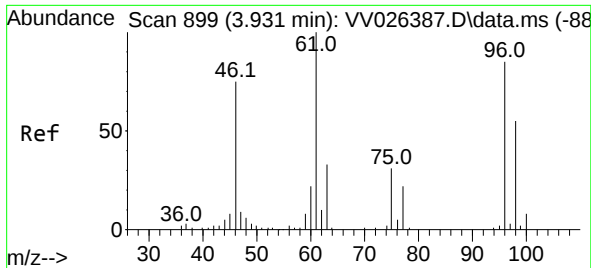
Tgt Ion: 43 Resp: 9832

Ion Ratio Lower Upper

43 100

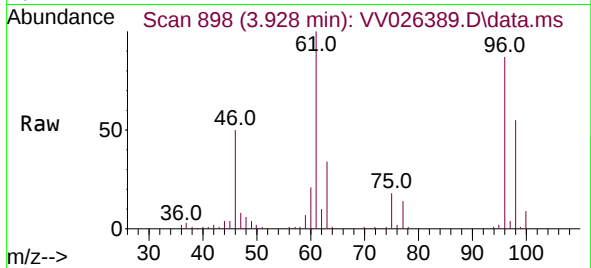
72 17.8 12.7 38.0



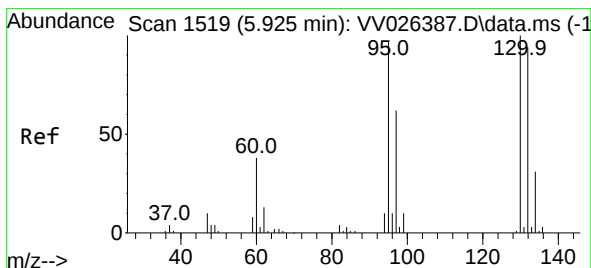
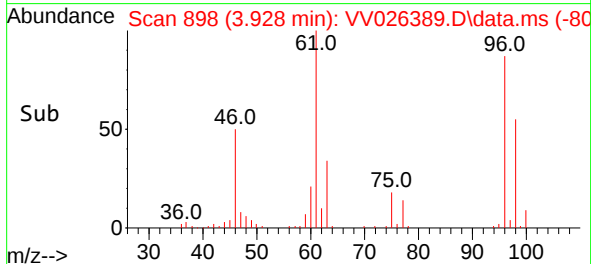
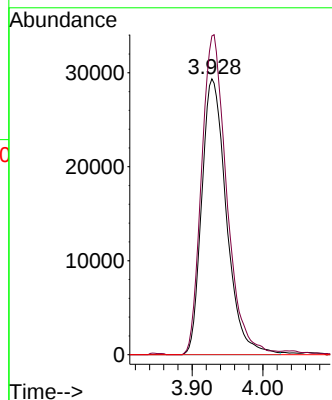


#22
 cis-1,2-Dichloroethene
 Concen: 6.440 ug/L
 RT: 3.928 min Scan# 899
 Delta R.T. -0.003 min
 Lab File: VV026389.D
 Acq: 17 Jun 2022 18:51

Instrument :
 MSVOA_V
 ClientSampleId :

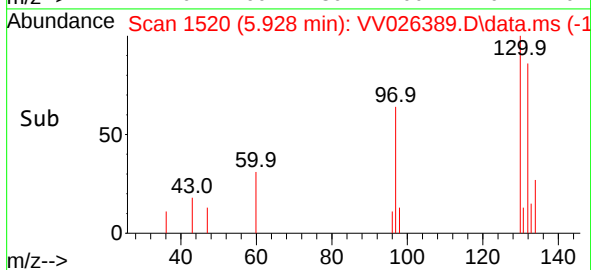
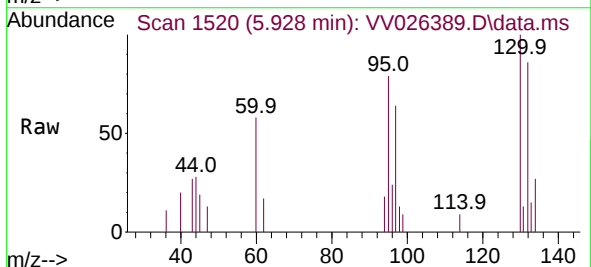
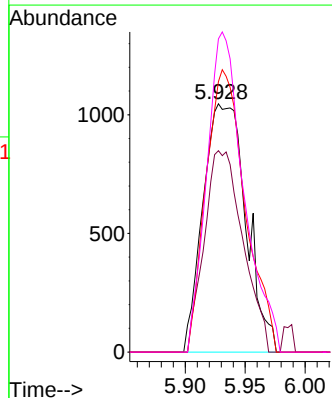


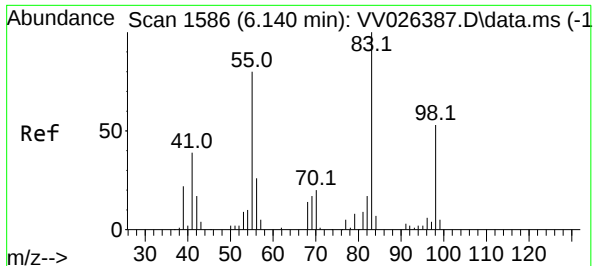
Tgt Ion: 96 Resp: 70839
 Ion Ratio Lower Upper
 96 100
 61 115.6 83.6 155.2
 68 0.0 0.0 0.0



#34
 Trichloroethene
 Concen: 0.219 ug/L
 RT: 5.928 min Scan# 1520
 Delta R.T. 0.003 min
 Lab File: VV026389.D
 Acq: 17 Jun 2022 18:51

Tgt Ion: 95 Resp: 2604
 Ion Ratio Lower Upper
 95 100
 97 81.2 46.5 86.3
 132 109.0 68.8 127.8
 130 126.2 73.6 136.6





#35

Methylcyclohexane

Concen: 0.914 ug/L

RT: 6.079 min Scan# 1567

Delta R.T. -0.061 min

Lab File: VV026389.D

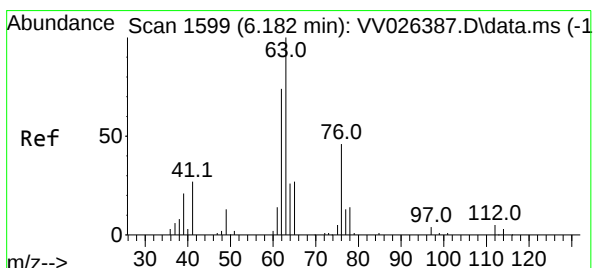
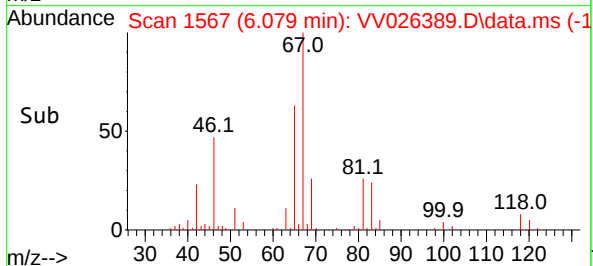
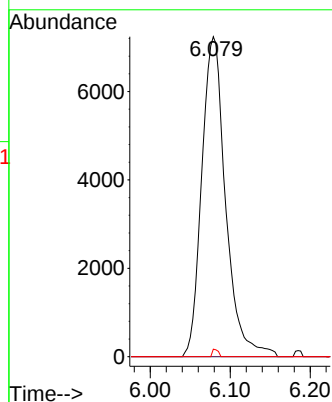
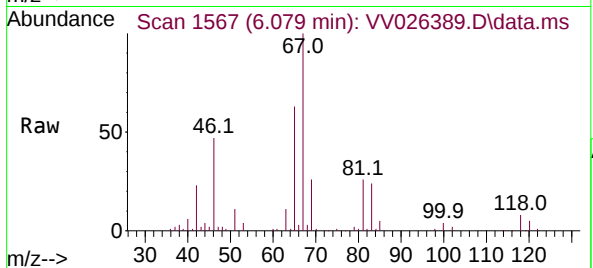
Acq: 17 Jun 2022 18:51

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 83	Resp: 15057
Ion Ratio	Lower Upper
83 100	
55 0.0	59.3 88.9#
98 0.6	39.9 59.9#



#37

1,2-Dichloropropane

Concen: 0.606 ug/L

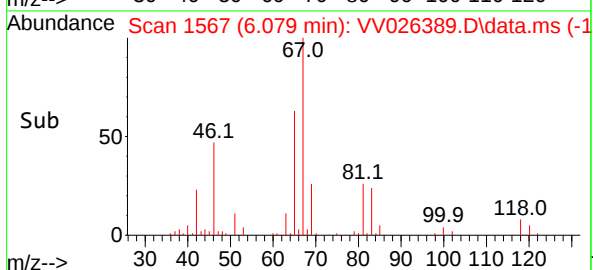
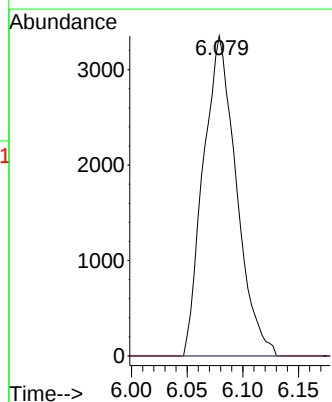
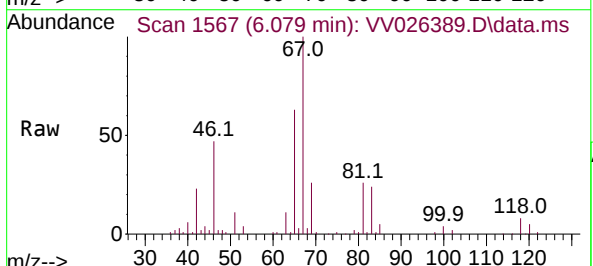
RT: 6.079 min Scan# 1567

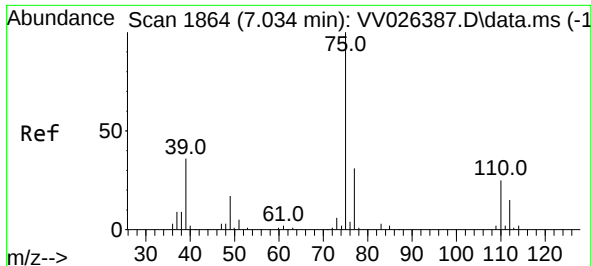
Delta R.T. -0.103 min

Lab File: VV026389.D

Acq: 17 Jun 2022 18:51

Tgt Ion: 63	Resp: 6913
Ion Ratio	Lower Upper
63 100	
112 0.0	3.3 4.9#





#39

cis-1,3-Dichloropropene

Concen: 0.071 ug/L

RT: 6.998 min Scan# 11

Delta R.T. -0.035 min

Lab File: VV026389.D

Acq: 17 Jun 2022 18:51

Instrument :

MSVOA_V

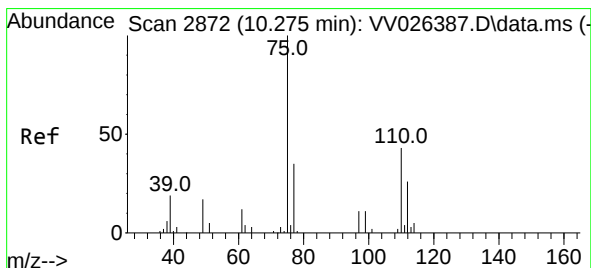
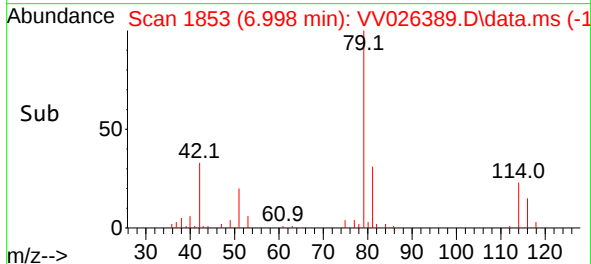
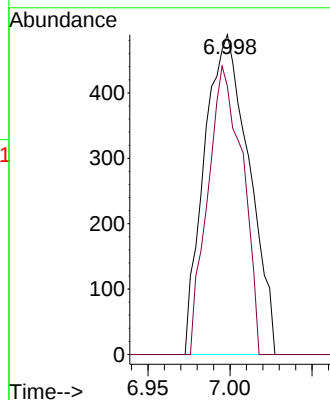
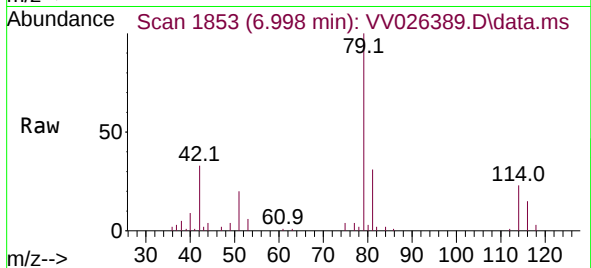
ClientSampleId :

Tgt Ion: 75 Resp: 925

Ion Ratio Lower Upper

75 100

77 83.8 23.0 42.6#



#61

1,2,3-Trichloropropane

Concen: 1.818 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.971 min

Lab File: VV026389.D

Acq: 17 Jun 2022 18:51

Tgt Ion: 75 Resp: 8297

Ion Ratio Lower Upper

75 100

77 30.9 26.9 40.3

110 2.3 30.7 46.1#

