

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061522\
 Data File : VW026317.D
 Acq On : 16 Jun 2022 07:17
 Operator : SY/MD
 Sample : N3274-09
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0B99

Quant Time: Jun 16 08:57:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jun 16 04:34:39 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	201925	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	191437	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	76435	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	75253	4.291	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	85.800%	
7) Chloroethane-d5	1.581	69	63537	4.607	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	92.200%	
11) 1,1-Dichloroethene-d2	2.121	63	104775	3.479	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	69.600%	
20) 2-Butanone-d5	3.921	46	98804	57.734	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	115.460%	
24) Chloroform-d	4.362	84	128633	5.004	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	100.000%	
26) 1,2-Dichloroethane-d4	5.043	65	52279	4.807	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	96.200%	
32) Benzene-d6	5.060	84	248300	4.851	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.000%	
36) 1,2-Dichloropropane-d6	6.076	67	78508	5.256	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	105.200%	
41) Toluene-d8	7.320	98	199808	4.281	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	85.600%	
43) trans-1,3-Dichloroprop...	7.629	79	19097	3.943	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	78.800%	
46) 2-Hexanone-d5	8.092	63	74688	51.046	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	102.100%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	44281	4.812	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	96.200%	
66) 1,2-Dichlorobenzene-d4	11.622	152	65675	5.578	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	111.600%	
Target Compounds						
					Qvalue	
9) Trichlorofluoromethane	1.767	101	153386	6.375	ug/L	100
13) Acetone	2.217	43	177130	133.557	ug/L	88
15) Methyl Acetate	2.217	43	175757	55.232	ug/L #	48
22) cis-1,2-Dichloroethene	3.925	96	4274	0.341	ug/L	88
25) Chloroform	4.391	83	2622	0.102	ug/L	95
27) 1,2-Dichloroethane	5.060	62	1215	0.104	ug/L #	71
31) Carbon tetrachloride	4.844	117	4450	0.248	ug/L	99
34) Trichloroethene	5.918	95	463517	34.592	ug/L	97
35) Methylcyclohexane	6.076	83	18645	1.006	ug/L #	18
37) 1,2-Dichloropropane	6.076	63	8202	0.639	ug/L #	89
39) cis-1,3-Dichloropropene	6.992	75	1197	0.082	ug/L #	49
44) trans-1,3-Dichloropropene	7.629	75	926	0.079	ug/L	93
47) Tetrachloroethene	7.976	164	683088	68.825	ug/L	99
49) Dibromochloromethane	7.976	129	626720	67.166	ug/L #	9
51) Chlorobenzene	8.883	112	3074	0.091	ug/L	99
61) 1,2,3-Trichloropropane	10.008	75	2754	0.555	ug/L #	42

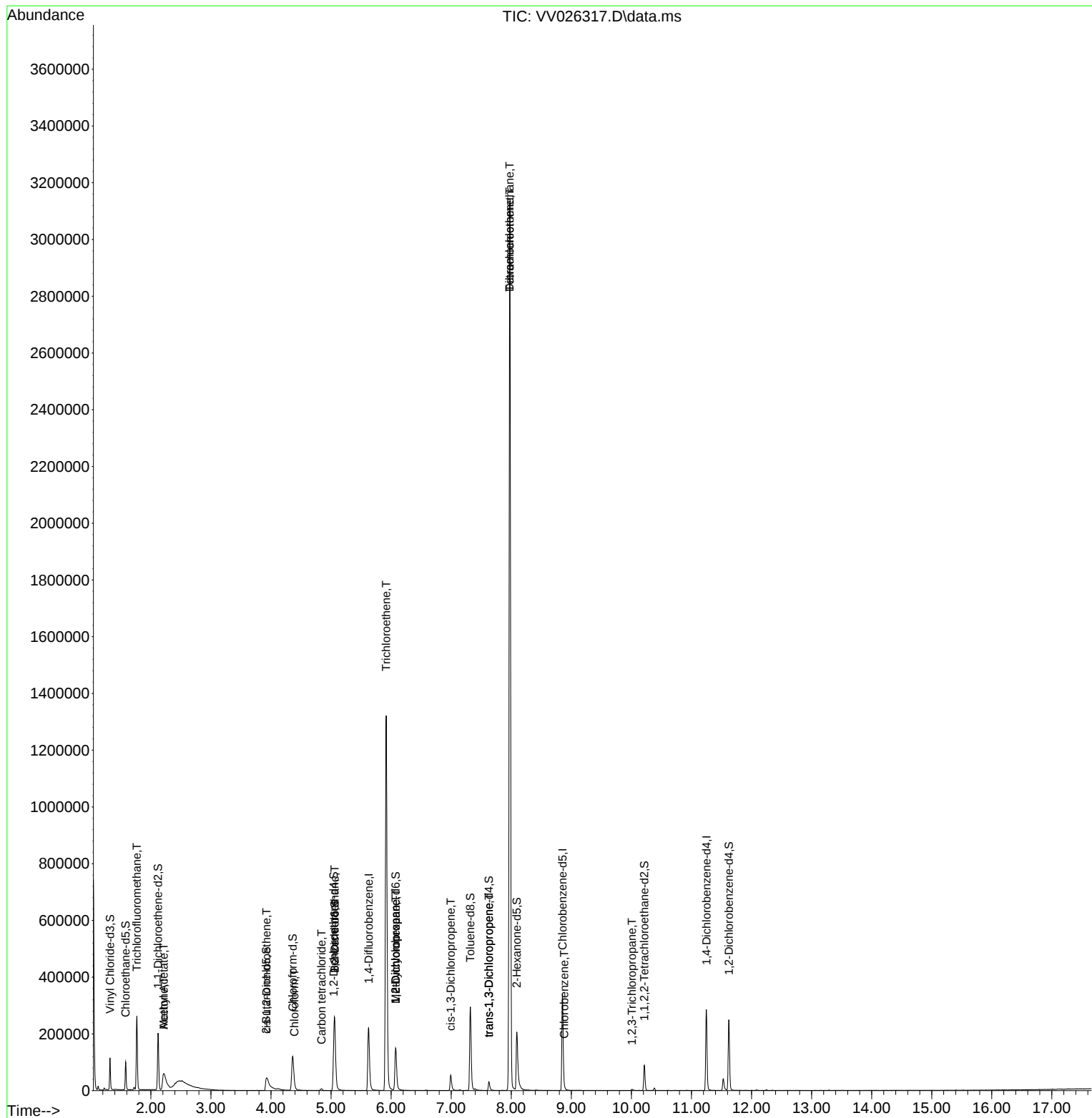
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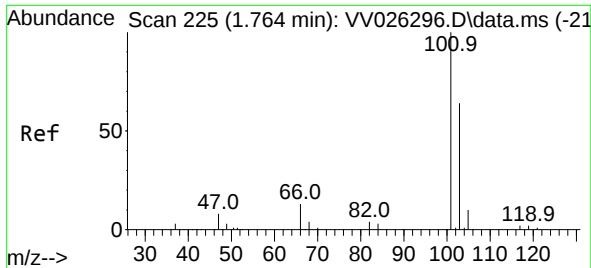
Instrument :
MSVOA_V
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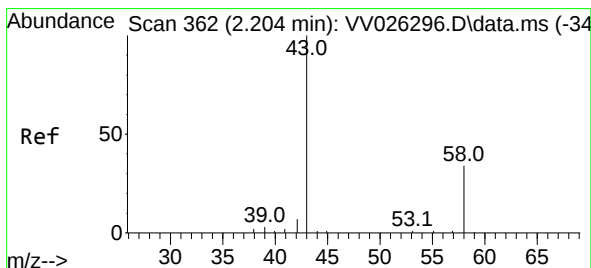
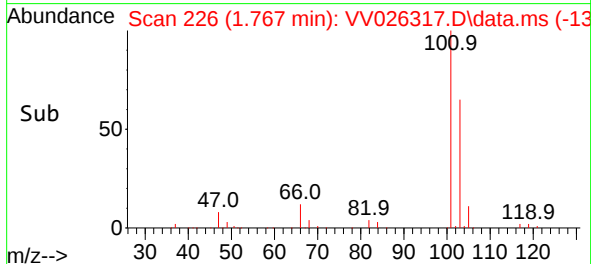
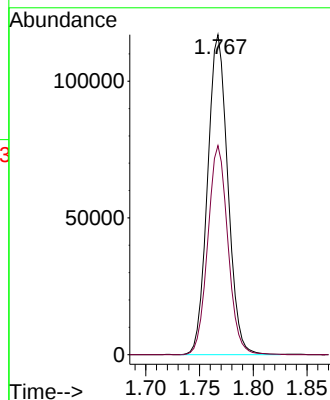
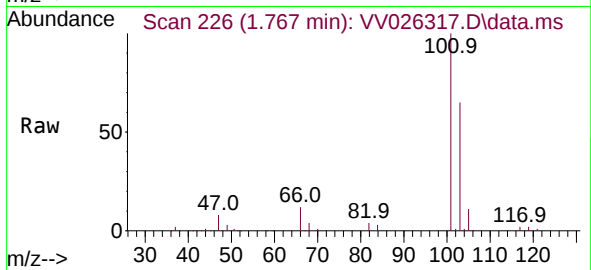




#9
 Trichlorofluoromethane
 Concen: 6.375 ug/L
 RT: 1.767 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV026317.D
 Acq: 16 Jun 2022 07:17

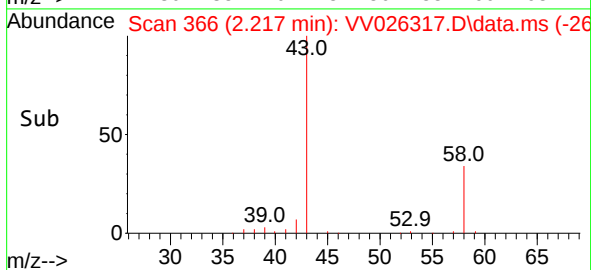
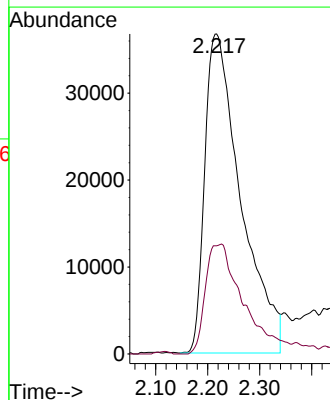
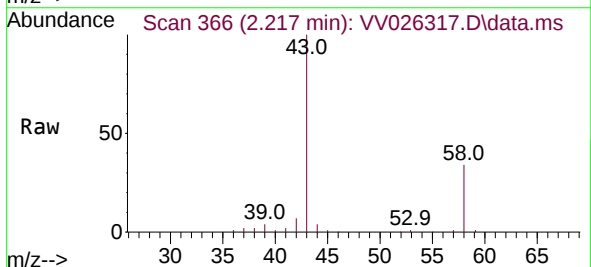
Instrument :
 MSVOA_V
 ClientSampleId :
 C0B99

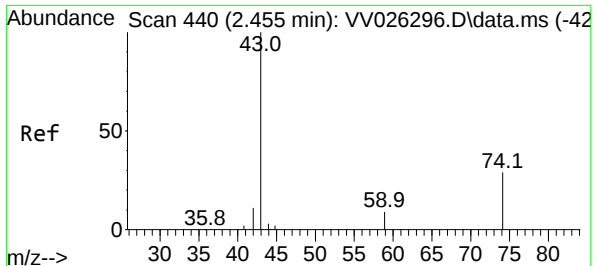
Tgt Ion:101 Resp: 153386
 Ion Ratio Lower Upper
 101 100
 103 65.0 52.3 78.5



#13
 Acetone
 Concen: 133.557 ug/L
 RT: 2.217 min Scan# 366
 Delta R.T. 0.013 min
 Lab File: VV026317.D
 Acq: 16 Jun 2022 07:17

Tgt Ion: 43 Resp: 177130
 Ion Ratio Lower Upper
 43 100
 58 36.3 0.0 60.0

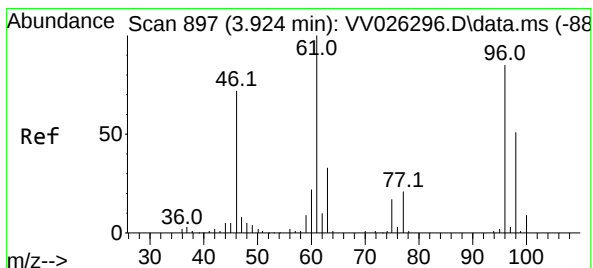
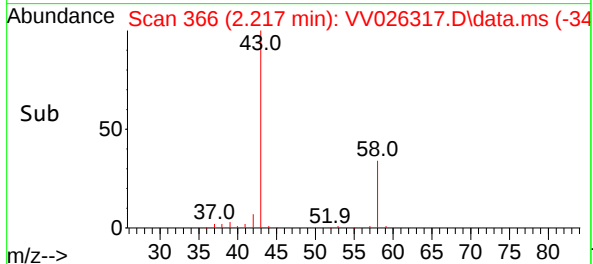
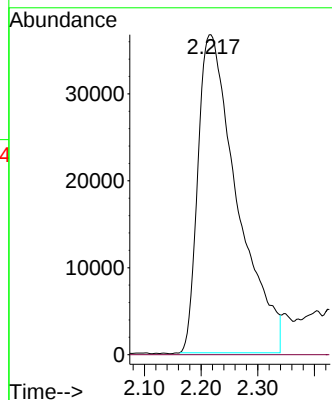
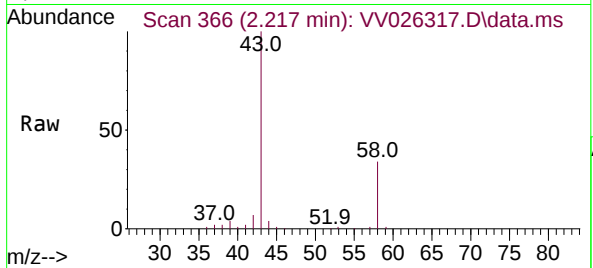




#15
Methyl Acetate
Concen: 55.232 ug/L
RT: 2.217 min Scan# 366
Delta R.T. -0.238 min
Lab File: VV026317.D
Acq: 16 Jun 2022 07:17

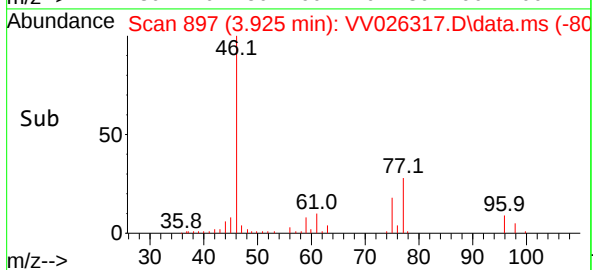
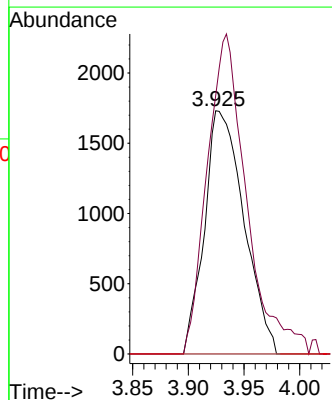
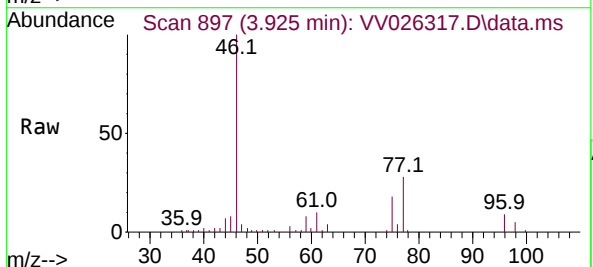
Instrument :
MSVOA_V
ClientSampleId :
C0B99

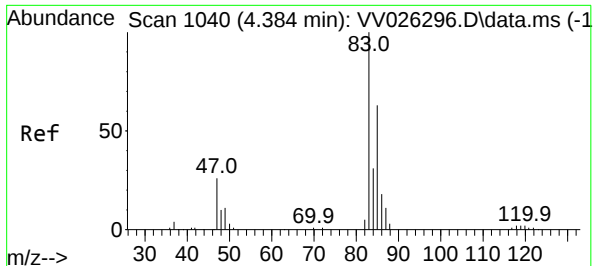
Tgt Ion: 43 Resp: 175757
Ion Ratio Lower Upper
43 100
74 0.0 21.4 32.0#



#22
cis-1,2-Dichloroethene
Concen: 0.341 ug/L
RT: 3.925 min Scan# 897
Delta R.T. 0.000 min
Lab File: VV026317.D
Acq: 16 Jun 2022 07:17

Tgt Ion: 96 Resp: 4274
Ion Ratio Lower Upper
96 100
61 106.4 83.6 155.2
68 0.0 0.0 0.0





#25

Chloroform

Concen: 0.102 ug/L

RT: 4.391 min Scan# 1042

Delta R.T. 0.006 min

Lab File: VV026317.D

Acq: 16 Jun 2022 07:17

Instrument :

MSVOA_V

ClientSampleId :

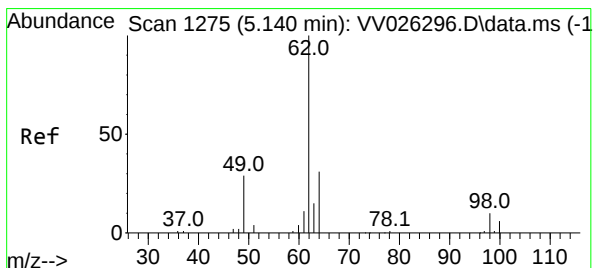
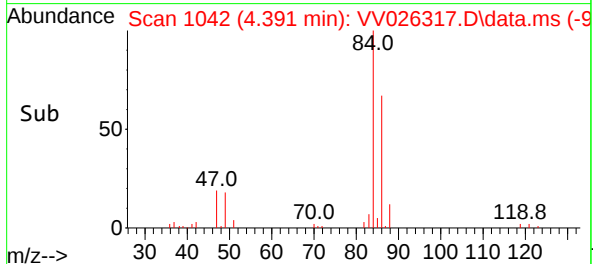
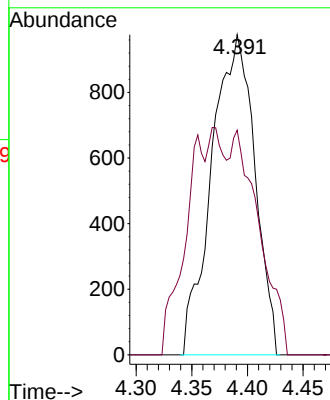
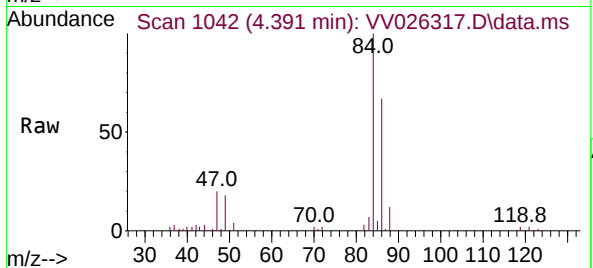
C0B99

Tgt Ion: 83 Resp: 2622

Ion Ratio Lower Upper

83 100

85 70.2 46.5 86.3



#27

1,2-Dichloroethane

Concen: 0.104 ug/L

RT: 5.060 min Scan# 1250

Delta R.T. -0.080 min

Lab File: VV026317.D

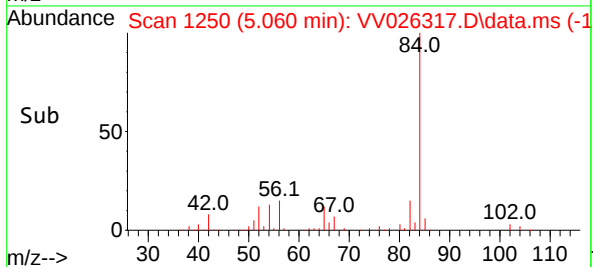
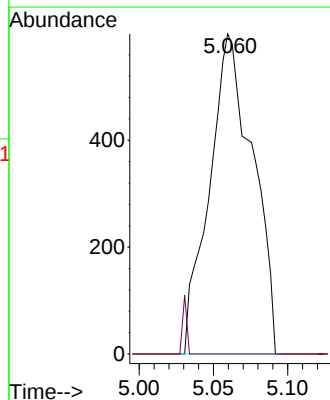
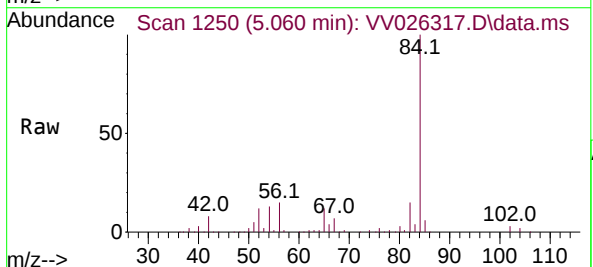
Acq: 16 Jun 2022 07:17

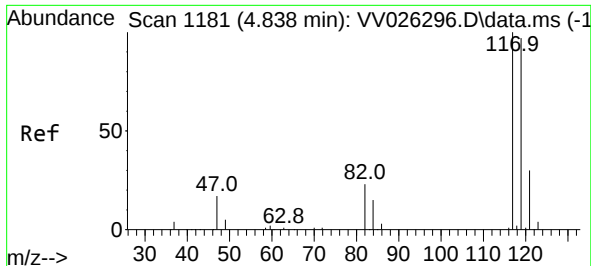
Tgt Ion: 62 Resp: 1215

Ion Ratio Lower Upper

62 100

98 0.0 8.6 13.0#

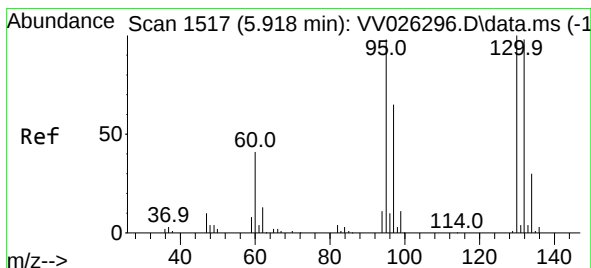
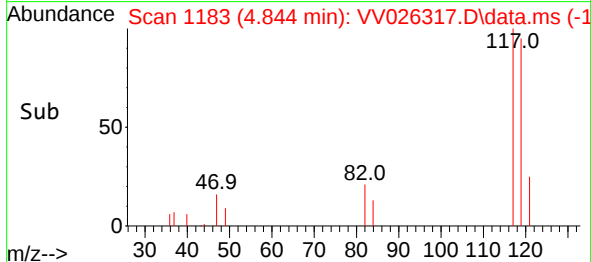
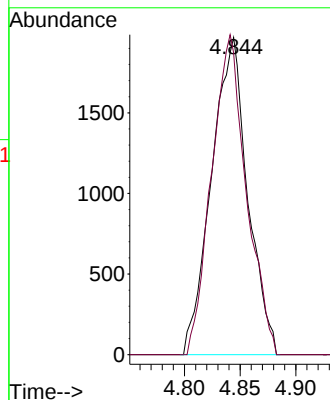
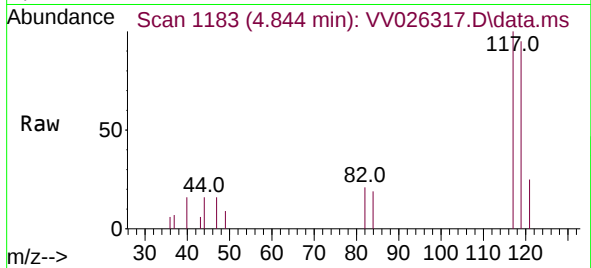




#31
Carbon tetrachloride
Concen: 0.248 ug/L
RT: 4.844 min Scan# 1181
Delta R.T. 0.006 min
Lab File: VV026317.D
Acq: 16 Jun 2022 07:17

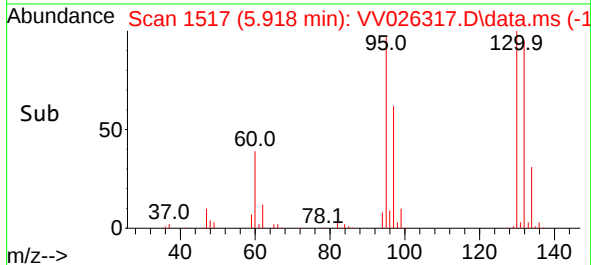
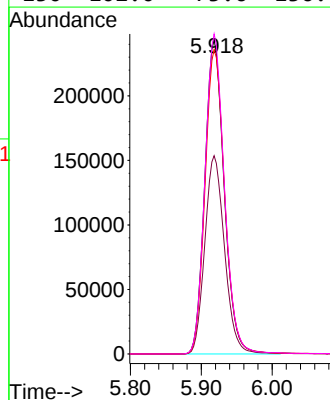
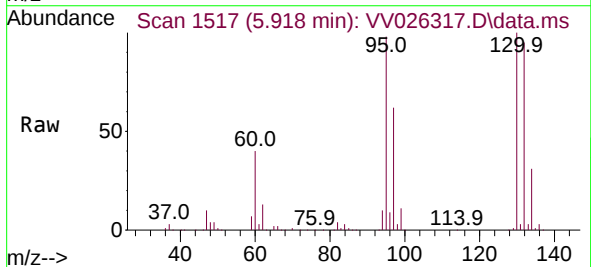
Instrument :
MSVOA_V
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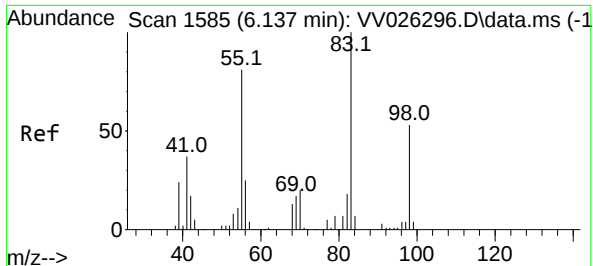
Tgt Ion:117 Resp: 4450
Ion Ratio Lower Upper
117 100
119 96.7 76.2 114.4



#34
Trichloroethene
Concen: 34.592 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VV026317.D
Acq: 16 Jun 2022 07:17

Tgt Ion: 95 Resp: 463517
Ion Ratio Lower Upper
95 100
97 63.2 46.5 86.3
132 97.0 68.8 127.8
130 102.0 73.6 136.6





#35

Methylcyclohexane

Concen: 1.006 ug/L

RT: 6.076 min Scan# 1566

Delta R.T. -0.061 min

Lab File: VV026317.D

Acq: 16 Jun 2022 07:17

Instrument :

MSVOA_V

ClientSampleId :

C0B99

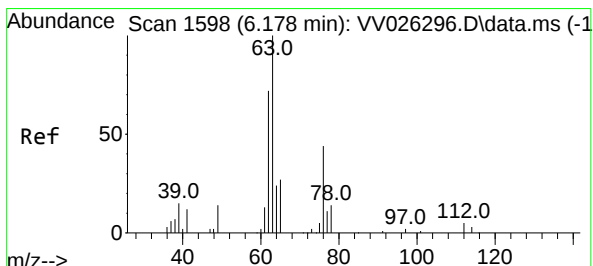
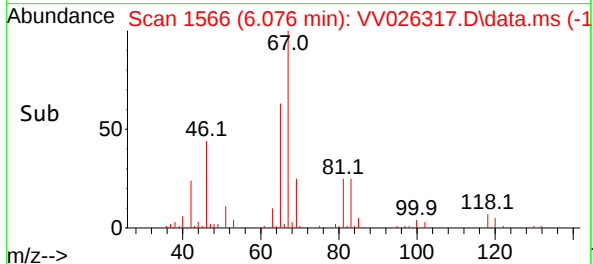
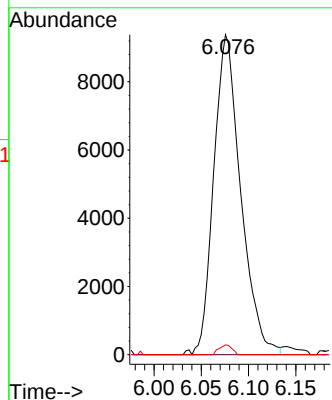
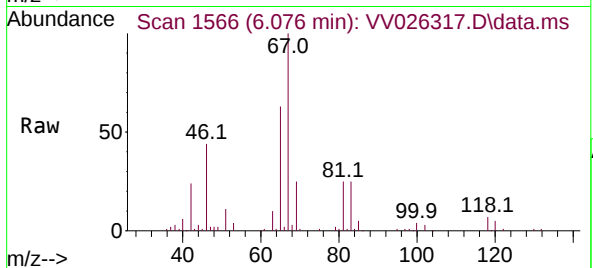
Tgt Ion: 83 Resp: 18645

Ion Ratio Lower Upper

83 100

55 0.0 59.3 88.9#

98 0.0 39.9 59.9#



#37

1,2-Dichloropropane

Concen: 0.639 ug/L

RT: 6.076 min Scan# 1566

Delta R.T. -0.103 min

Lab File: VV026317.D

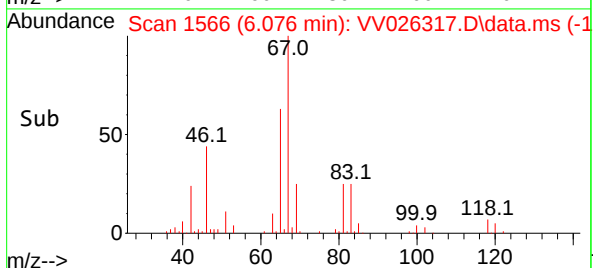
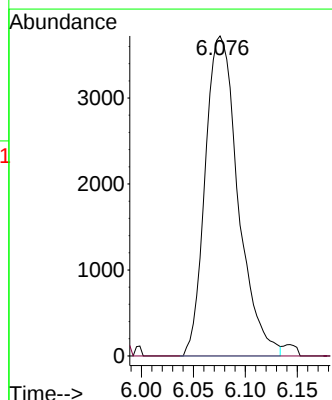
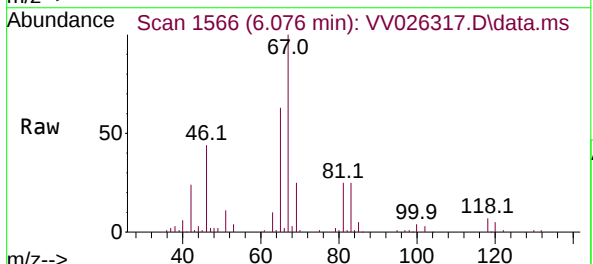
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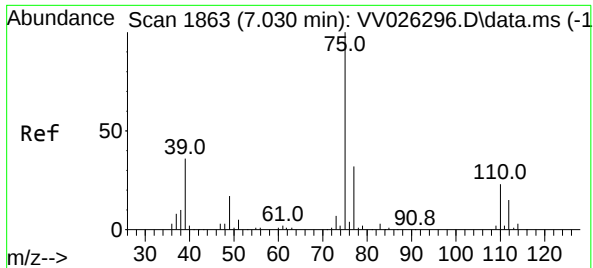
Tgt Ion: 63 Resp: 8202

Ion Ratio Lower Upper

63 100

112 0.6 3.3 4.9#





#39

cis-1,3-Dichloropropene

Concen: 0.082 ug/L

RT: 6.992 min Scan# 11

Delta R.T. -0.039 min

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Acq: 16 Jun 2022 07:17

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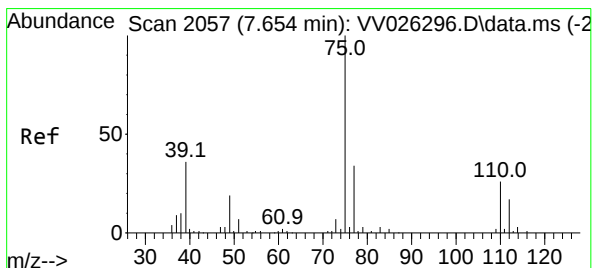
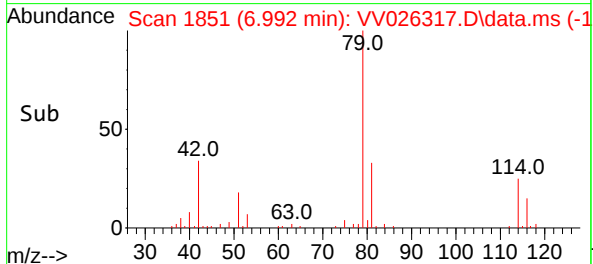
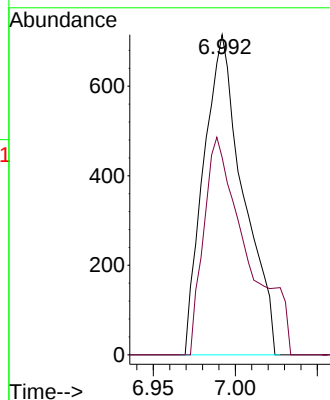
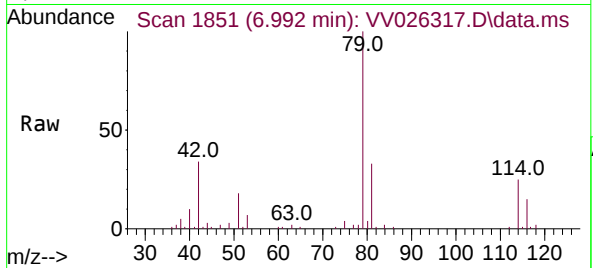
C0B99

Tgt Ion: 75 Resp: 1197

Ion Ratio Lower Upper

75 100

77 61.7 23.0 42.6#



#44

trans-1,3-Dichloropropene

Concen: 0.079 ug/L

RT: 7.629 min Scan# 2049

Delta R.T. -0.026 min

Lab File: VV026317.D

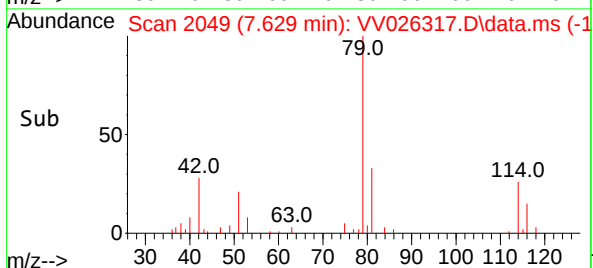
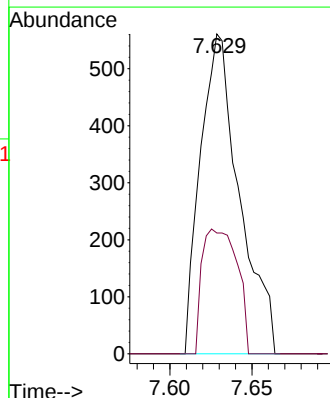
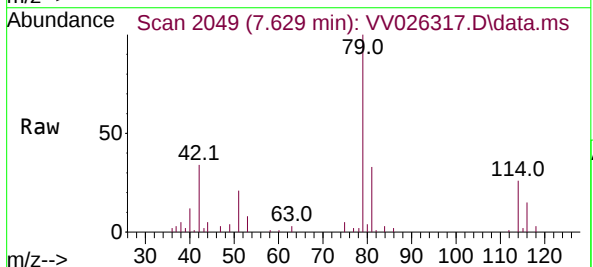
Acq: 16 Jun 2022 07:17

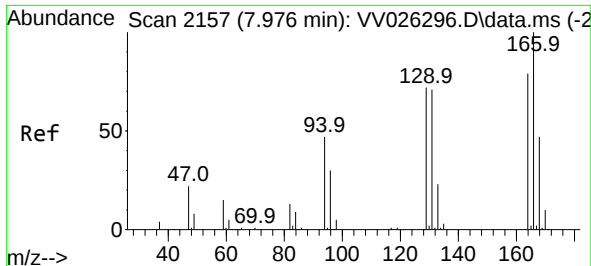
Tgt Ion: 75 Resp: 926

Ion Ratio Lower Upper

75 100

77 37.8 23.7 43.9





#47

Tetrachloroethene

Concen: 68.825 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.000 min

Lab File: VV026317.D

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C0B99

Tgt Ion:164 Resp: 683088

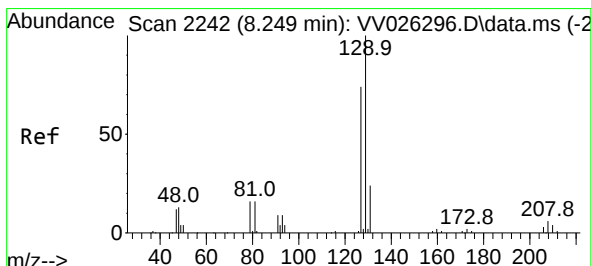
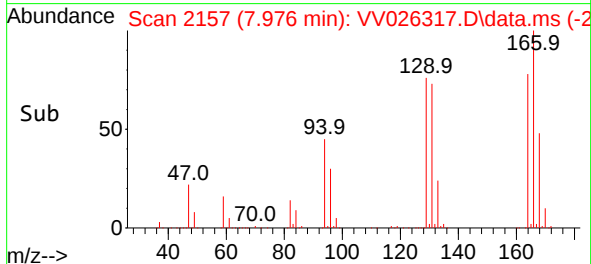
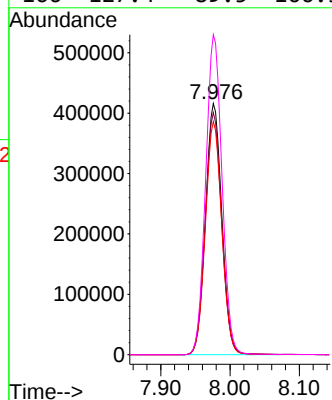
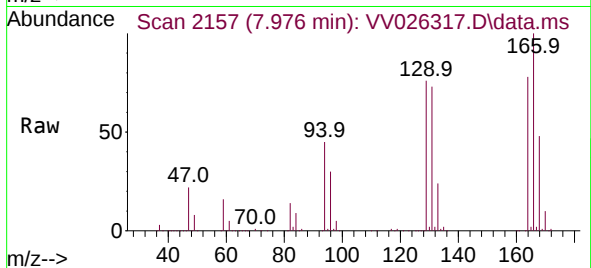
Ion Ratio Lower Upper

164 100

129 96.4 67.5 125.3

131 92.8 63.8 118.4

166 127.4 89.5 166.3



#49

Dibromochloromethane

Concen: 67.166 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.273 min

Lab File: VV026317.D

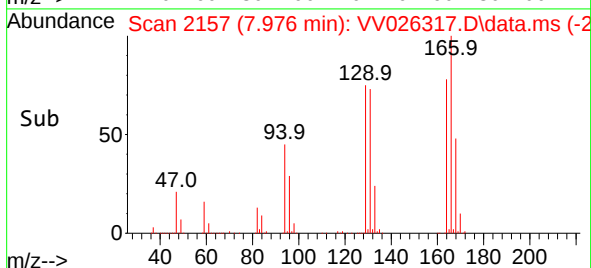
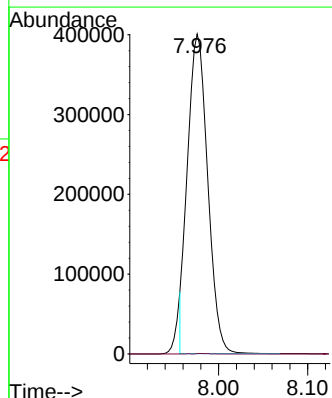
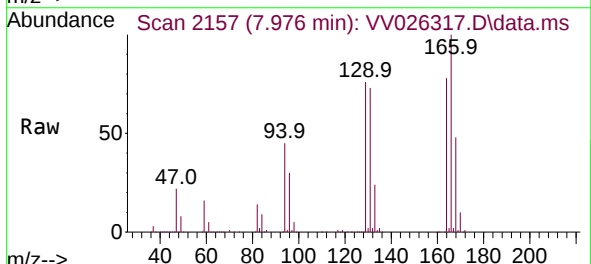
Acq: 16 Jun 2022 07:17

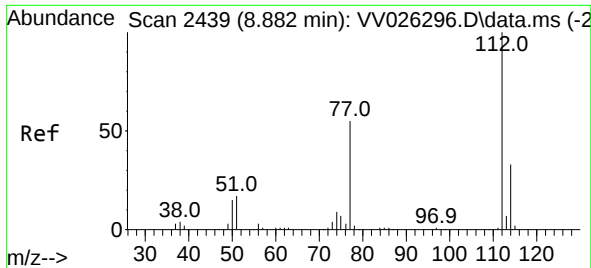
Tgt Ion:129 Resp: 626720

Ion Ratio Lower Upper

129 100

127 0.1 56.4 104.7#

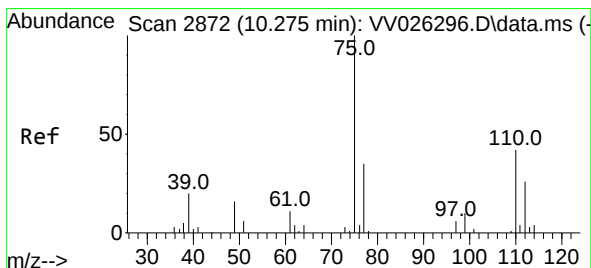
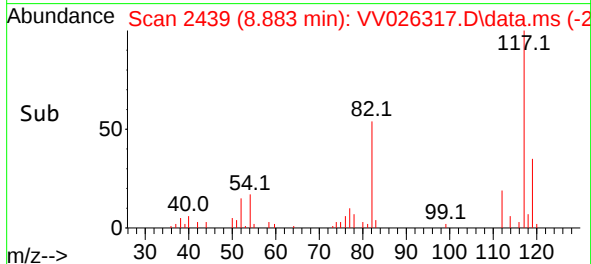
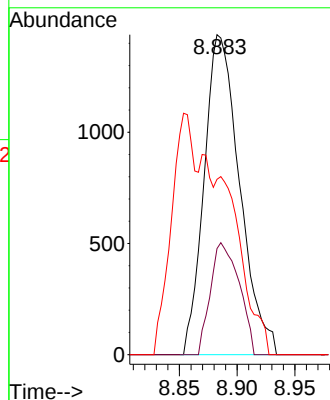
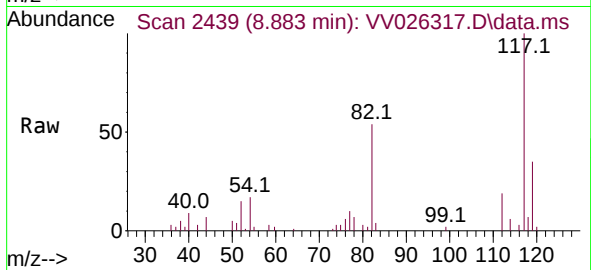




#51
Chlorobenzene
Concen: 0.091 ug/L
RT: 8.883 min Scan# 2439
Delta R.T. 0.000 min
Lab File: VV026317.D
Acq: 16 Jun 2022 07:17

Instrument :
MSVOA_V
ClientSampleId :
C0B99

Tgt Ion:112 Resp: 3074
Ion Ratio Lower Upper
112 100
114 33.1 22.7 42.3
77 54.8 44.5 66.7



#61
1,2,3-Trichloropropane
Concen: 0.555 ug/L
RT: 10.008 min Scan# 2789
Delta R.T. -0.267 min
Lab File: VV026317.D
Acq: 16 Jun 2022 07:17

Tgt Ion: 75 Resp: 2754
Ion Ratio Lower Upper
75 100
77 4.2 26.9 40.3#
110 0.0 30.7 46.1#

