

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021224\
 Data File : VW034136.D
 Acq On : 12 Feb 2024 13:45
 Operator : SY/MD
 Sample : P1455-03
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AC5

Quant Time: Feb 13 00:46:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Feb 13 00:43:48 2024
 Response via : Initial Calibration

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

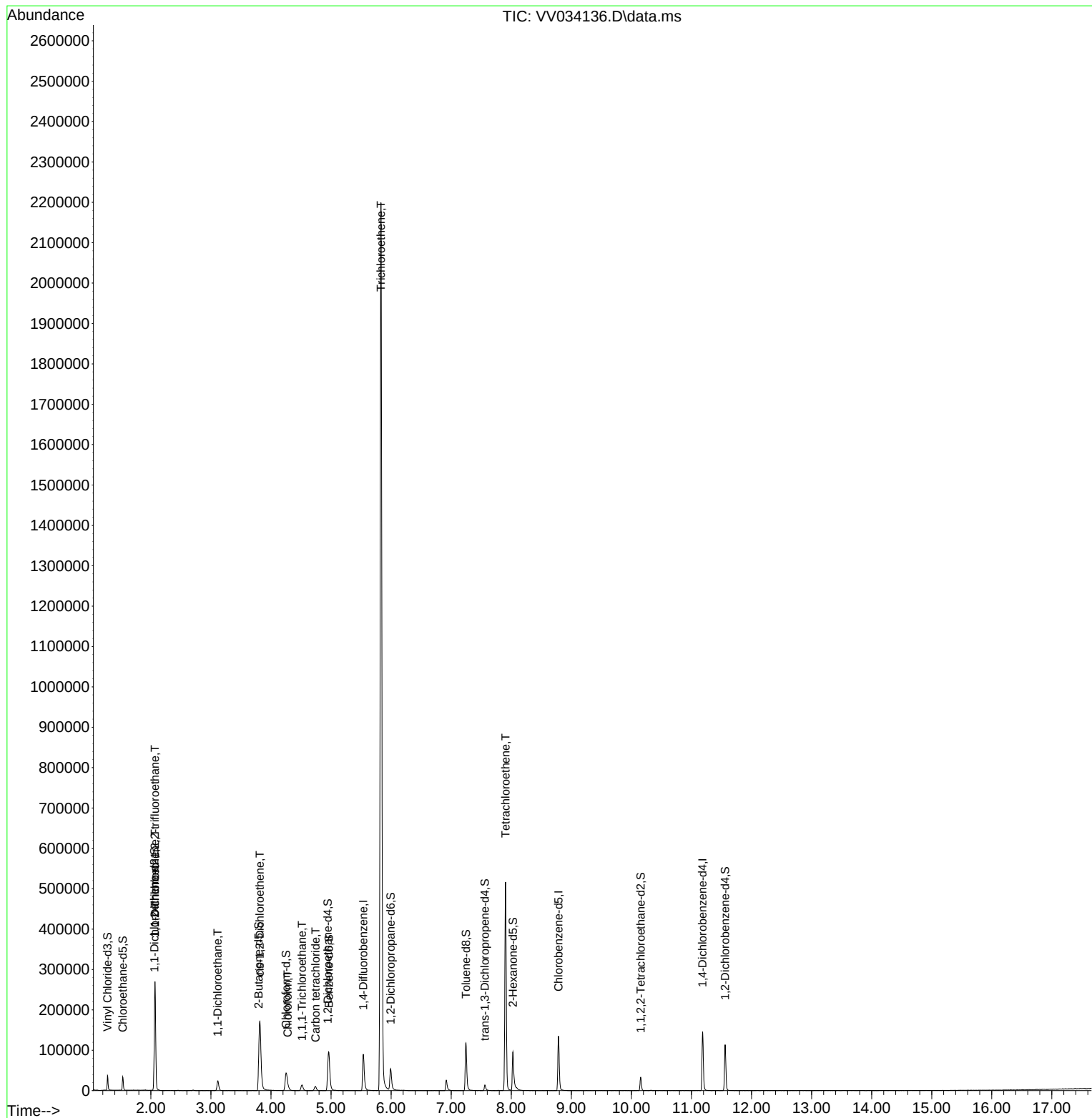
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	76961	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	72011	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	37654	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	23657	3.969	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	79.400%	
7) Chloroethane-d5	1.532	69	20406	3.909	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	78.200%	
11) 1,1-Dichloroethene-d2	2.060	65	12012	4.179	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	83.600%	
20) 2-Butanone-d5	3.796	46	39668	39.627	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	79.260%	
24) Chloroform-d	4.249	84	46748	4.316	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	86.400%	
26) 1,2-Dichloroethane-d4	4.944	65	23524	4.648	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	93.000%	
32) Benzene-d6	4.963	84	86776	4.016	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	80.400%	
36) 1,2-Dichloropropane-d6	5.992	67	24388	4.038	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	80.800%	
41) Toluene-d8	7.246	98	79175	3.987	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	79.800%	
43) trans-1,3-Dichloroprop...	7.561	79	9132	4.005	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	80.000%	
46) 2-Hexanone-d5	8.027	63	32485	39.905	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	79.800%	
56) 1,1,2,2-Tetrachloroeth...	10.156	84	15252	4.166	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	83.400%	
66) 1,2-Dichlorobenzene-d4	11.561	152	28775	4.202	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	84.000%	
Target Compounds						
						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	7025	1.269	ug/L	94
12) 1,1-Dichloroethene	2.069	96	59852	11.132	ug/L #	80
19) 1,1-Dichloroethane	3.114	63	24936	2.478	ug/L	96
22) cis-1,2-Dichloroethene	3.815	96	87899	14.148	ug/L	96
25) Chloroform	4.278	83	7361	0.724	ug/L	97
29) 1,1,1-Trichloroethane	4.516	97	11667	1.207	ug/L	99
31) Carbon tetrachloride	4.741	117	8293	0.980	ug/L	98
34) Trichloroethene	5.831	95	723969	115.819	ug/L	98
47) Tetrachloroethene	7.905	164	108625	21.387	ug/L	97

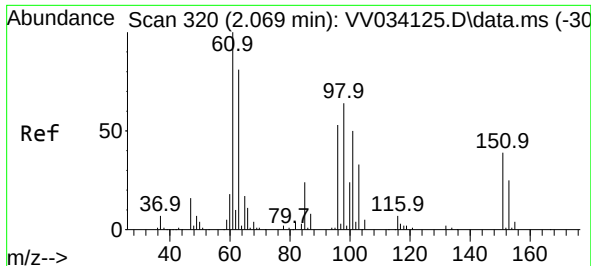
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 1.269 ug/L

RT: 2.069 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV034136.D

Acq: 12 Feb 2024 13:45

Instrument :

MSVOA_V

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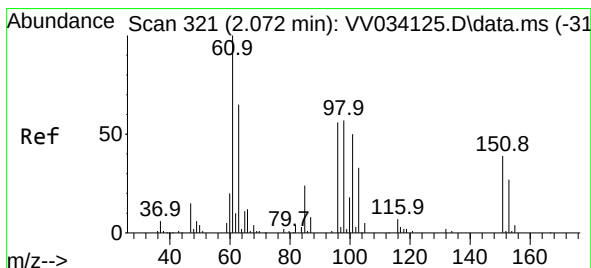
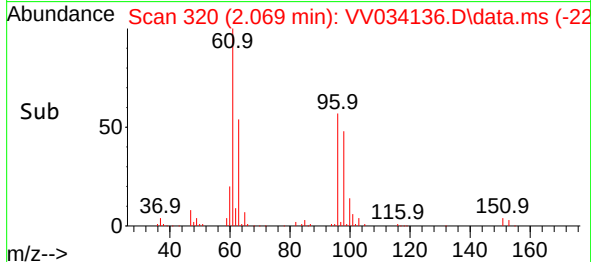
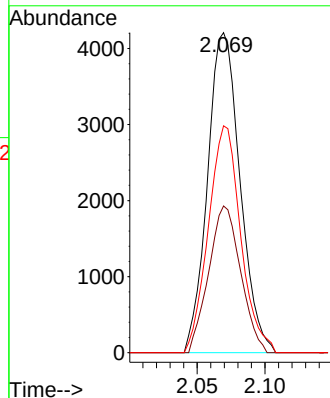
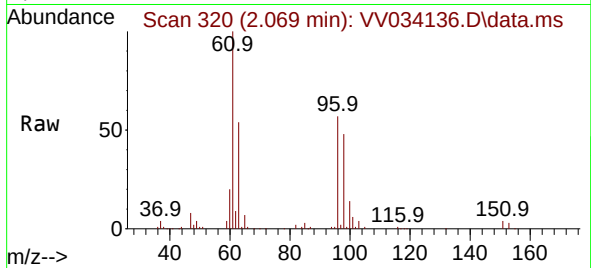
Tgt Ion:101 Resp: 7025

Ion Ratio Lower Upper

101 100

85 44.9 37.1 55.7

151 70.4 61.7 92.5



#12

1,1-Dichloroethene

Concen: 11.132 ug/L

RT: 2.069 min Scan# 320

Delta R.T. -0.003 min

Lab File: VV034136.D

Acq: 12 Feb 2024 13:45

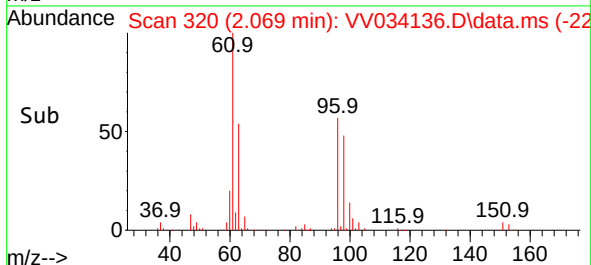
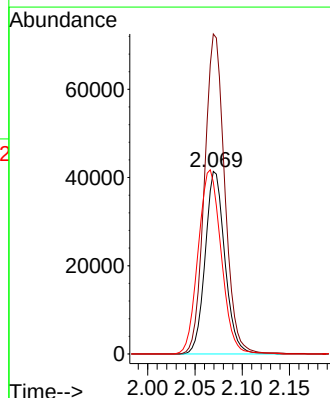
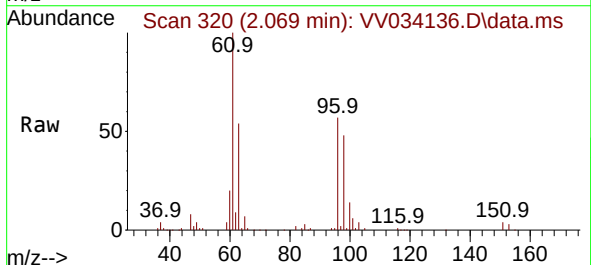
Tgt Ion: 96 Resp: 59852

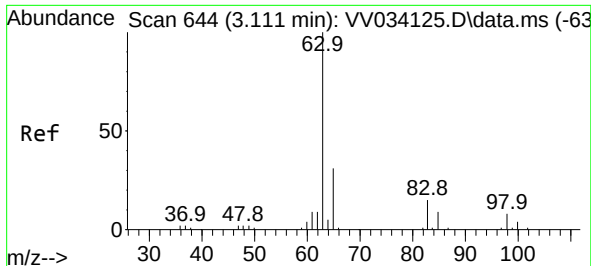
Ion Ratio Lower Upper

96 100

61 175.3 128.8 239.2

63 94.2 97.9 181.9#





#19

1,1-Dichloroethane

Concen: 2.478 ug/L

RT: 3.114 min Scan# 644

Delta R.T. 0.003 min

Lab File: VV034136.D

Acq: 12 Feb 2024 13:45

Instrument :

MSVOA_V

ClientSampleId :

C0AC5

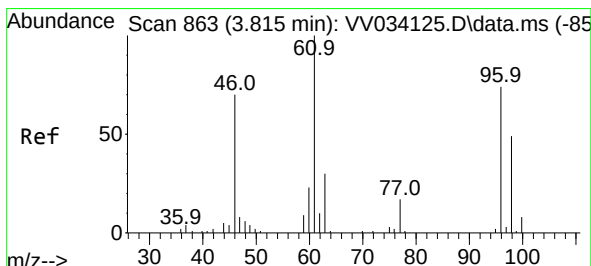
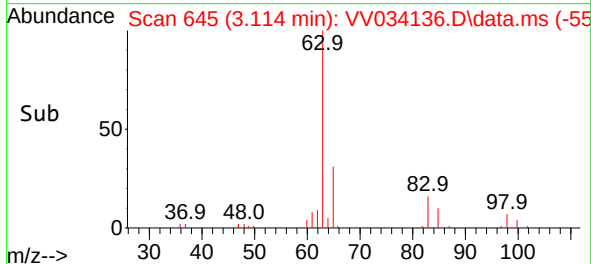
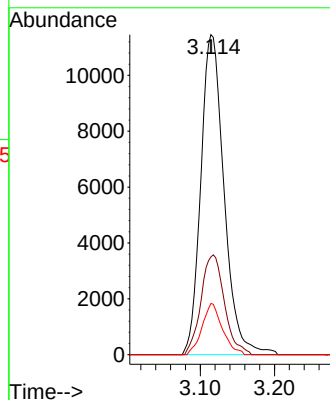
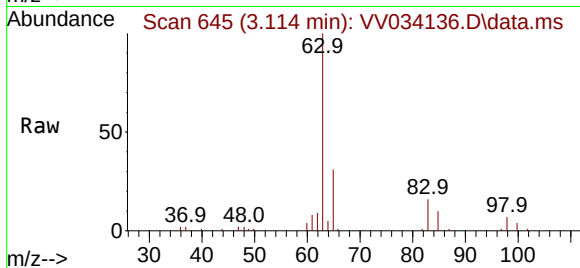
Tgt Ion: 63 Resp: 24936

Ion Ratio Lower Upper

63 100

65 31.4 20.8 38.6

83 16.0 9.4 17.4



#22

cis-1,2-Dichloroethene

Concen: 14.148 ug/L

RT: 3.815 min Scan# 863

Delta R.T. 0.000 min

Lab File: VV034136.D

Acq: 12 Feb 2024 13:45

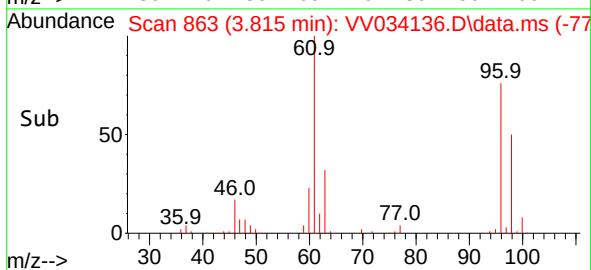
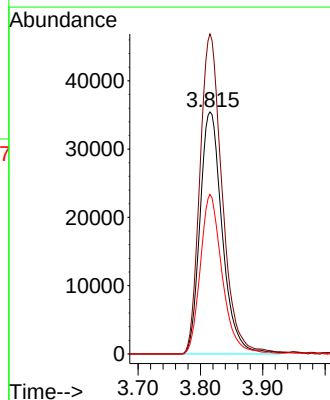
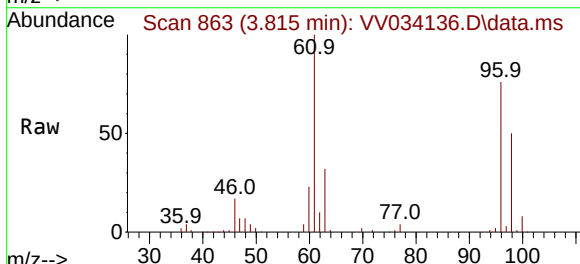
Tgt Ion: 96 Resp: 87899

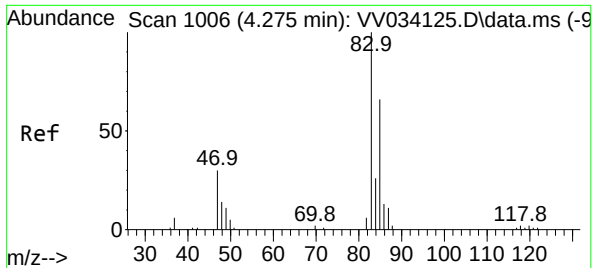
Ion Ratio Lower Upper

96 100

61 132.1 90.3 167.7

98 65.9 43.2 80.2

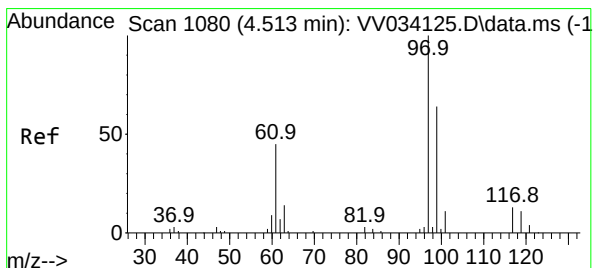
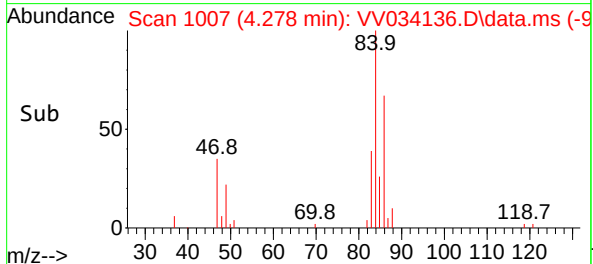
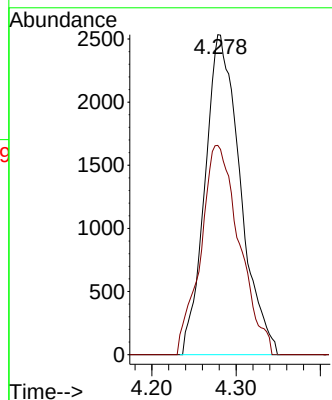
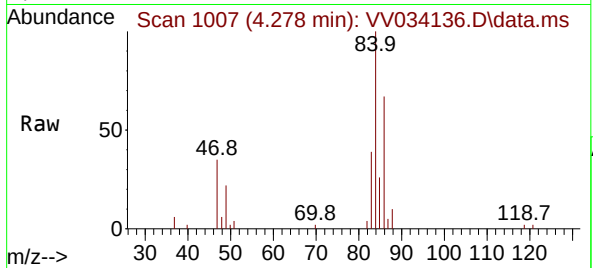




#25
Chloroform
Concen: 0.724 ug/L
RT: 4.278 min Scan# 1006
Delta R.T. 0.003 min
Lab File: VV034136.D
Acq: 12 Feb 2024 13:45

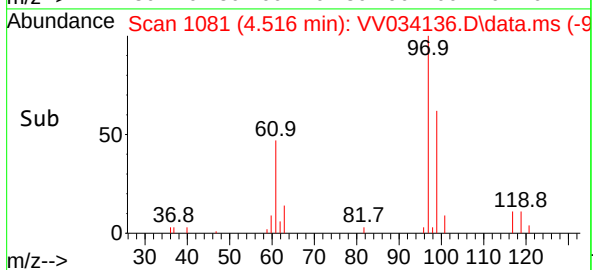
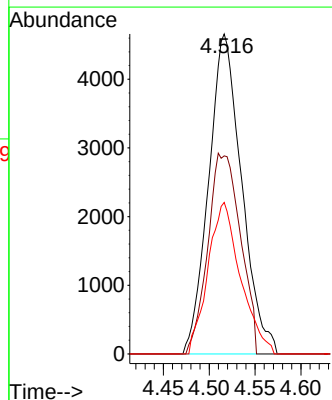
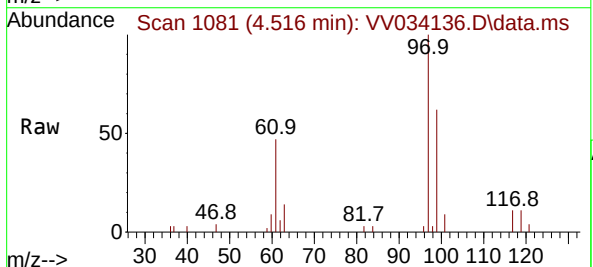
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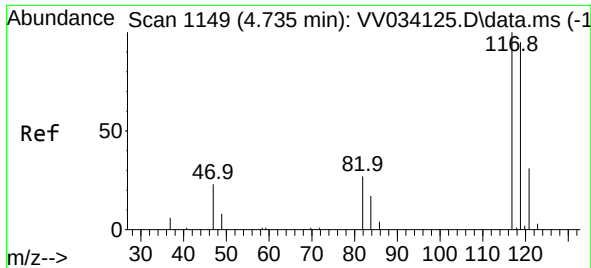
Tgt Ion: 83 Resp: 7361
Ion Ratio Lower Upper
83 100
85 65.4 47.5 88.1



#29
1,1,1-Trichloroethane
Concen: 1.207 ug/L
RT: 4.516 min Scan# 1081
Delta R.T. 0.003 min
Lab File: VV034136.D
Acq: 12 Feb 2024 13:45

Tgt Ion: 97 Resp: 11667
Ion Ratio Lower Upper
97 100
99 62.0 50.6 75.8
61 46.8 36.8 55.2

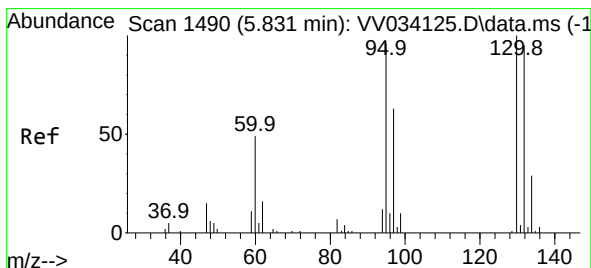
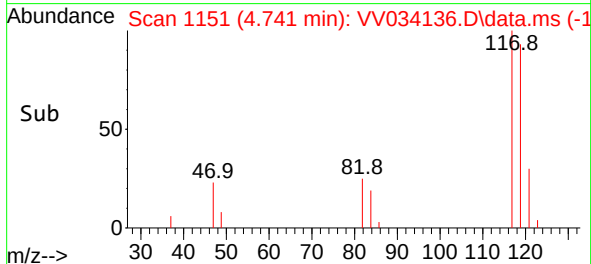
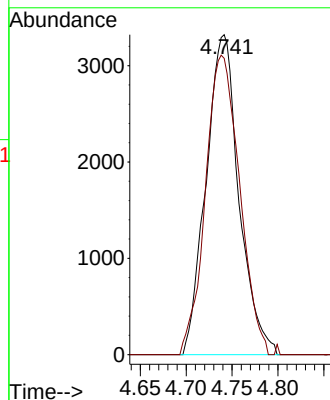
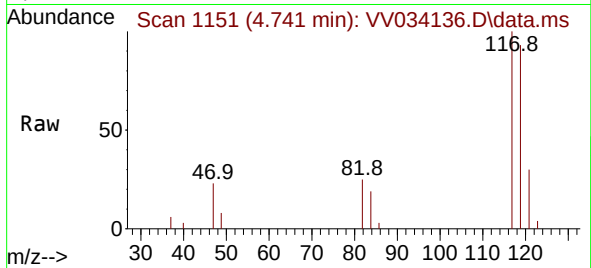




#31
Carbon tetrachloride
Concen: 0.980 ug/L
RT: 4.741 min Scan# 1149
Delta R.T. 0.007 min
Lab File: VV034136.D
Acq: 12 Feb 2024 13:45

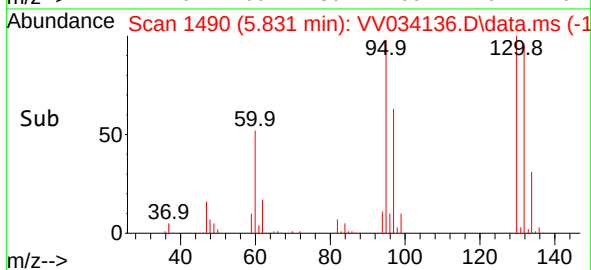
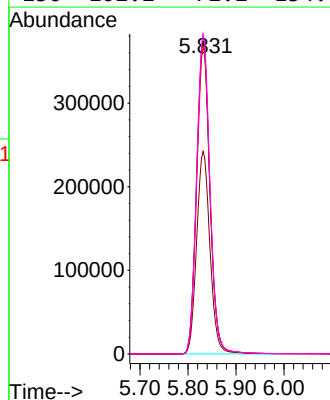
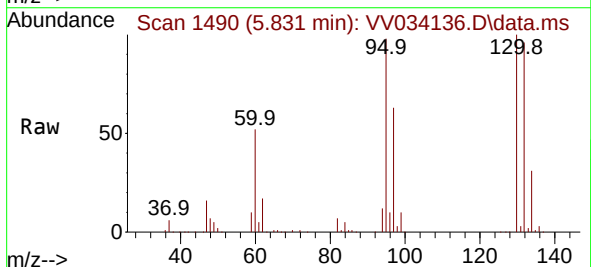
Instrument :
MSVOA_V
ClientSampleId :
C0AC5

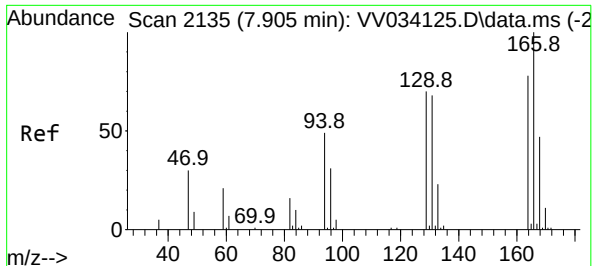
Tgt Ion:117 Resp: 8293
Ion Ratio Lower Upper
117 100
119 97.2 76.1 114.1



#34
Trichloroethene
Concen: 115.819 ug/L
RT: 5.831 min Scan# 1490
Delta R.T. 0.000 min
Lab File: VV034136.D
Acq: 12 Feb 2024 13:45

Tgt Ion: 95 Resp: 723969
Ion Ratio Lower Upper
95 100
97 64.7 45.1 83.7
132 98.3 66.0 122.6
130 102.2 72.2 134.0





#47
 Tetrachloroethene
 Concen: 21.387 ug/L
 RT: 7.905 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV034136.D
 Acq: 12 Feb 2024 13:45

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AC5

Tgt Ion:164 Resp: 108625

Ion	Ratio	Lower	Upper
164	100		
129	92.2	67.8	125.8
131	88.7	63.0	117.0
166	129.0	92.6	172.0

