

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW021224\
 Data File : VW034128.D
 Acq On : 12 Feb 2024 10:36
 Operator : SY/MD
 Sample : P1402-12
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AC1

Quant Time: Feb 13 00:44:57 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)

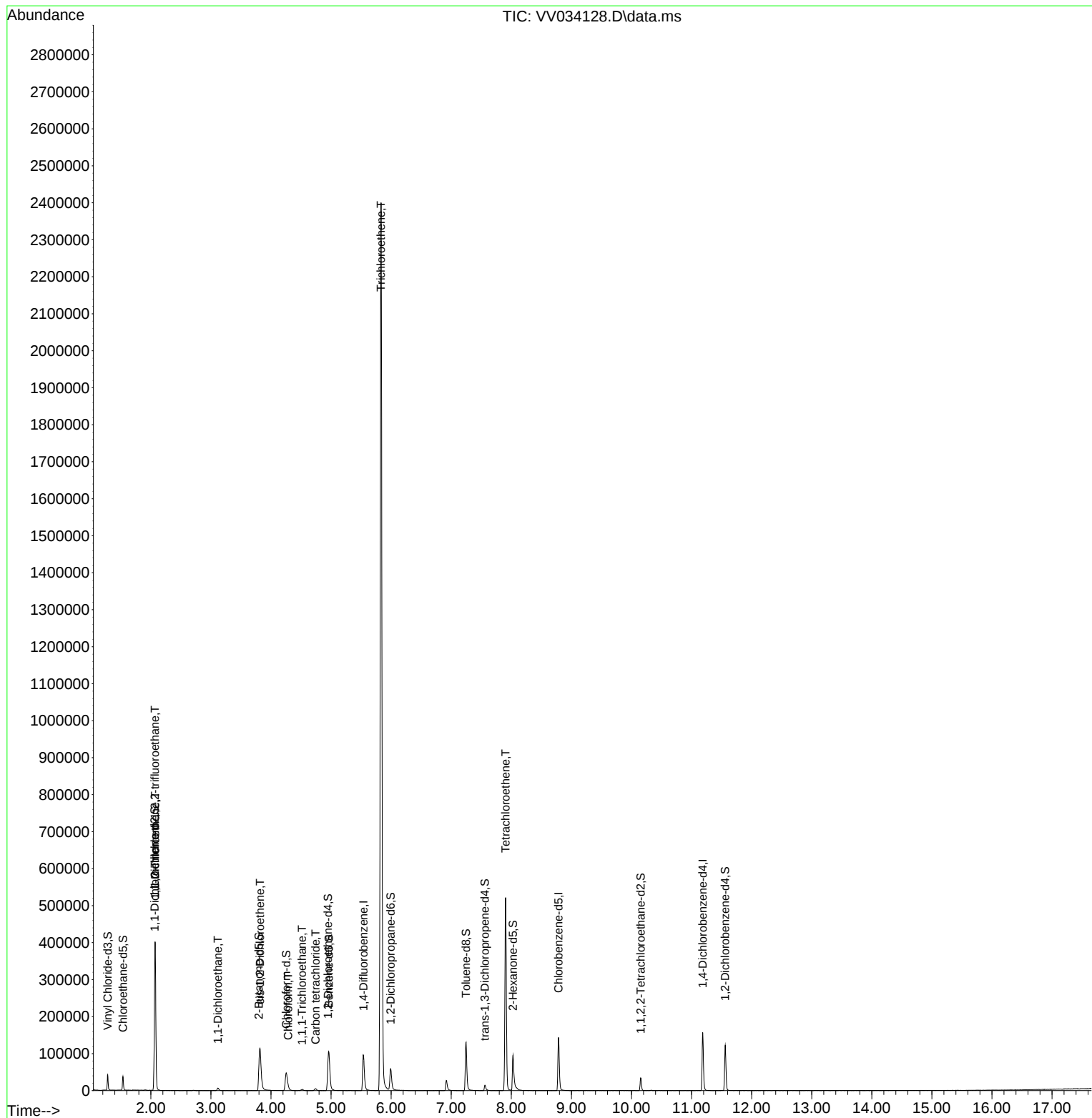
Internal Standards						
1) 1,4-Difluorobenzene	5.538	114	84465	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	78212	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	40163	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	26984	4.125	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.400%
7) Chloroethane-d5	1.535	69	23560	4.112	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.200%
11) 1,1-Dichloroethene-d2	2.063	65	12912	4.093	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.800%
20) 2-Butanone-d5	3.799	46	41974	38.205	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	76.420%
24) Chloroform-d	4.256	84	50208	4.224	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.400%
26) 1,2-Dichloroethane-d4	4.947	65	24884	4.480	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.600%
32) Benzene-d6	4.963	84	95823	4.084	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.600%
36) 1,2-Dichloropropane-d6	5.992	67	26291	4.008	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.200%
41) Toluene-d8	7.246	98	88532	4.105	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.200%
43) trans-1,3-Dichloroprop...	7.561	79	9692	3.913	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.200%
46) 2-Hexanone-d5	8.027	63	33420	37.798	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	75.600%
56) 1,1,2,2-Tetrachloroeth...	10.152	84	15742	3.959	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.200%
66) 1,2-Dichlorobenzene-d4	11.561	152	31698	4.340	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.800%
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	27492	4.524	ug/L	98
12) 1,1-Dichloroethene	2.072	96	79047	13.396	ug/L	# 78
19) 1,1-Dichloroethane	3.117	63	7364	0.667	ug/L	96
22) cis-1,2-Dichloroethene	3.818	96	55826	8.187	ug/L	96
25) Chloroform	4.284	83	6514	0.584	ug/L	83
29) 1,1,1-Trichloroethane	4.516	97	3256	0.310	ug/L	91
31) Carbon tetrachloride	4.741	117	3992	0.434	ug/L	92
34) Trichloroethene	5.831	95	784286	115.521	ug/L	98
47) Tetrachloroethene	7.905	164	111390	20.192	ug/L	95

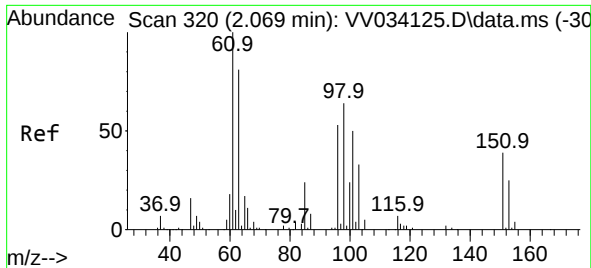
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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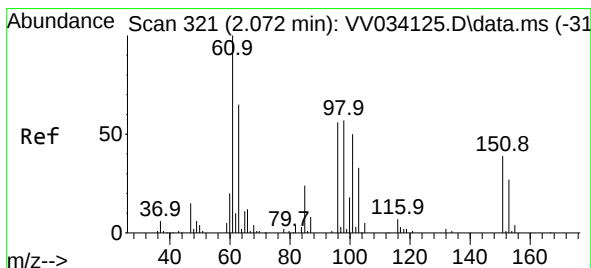
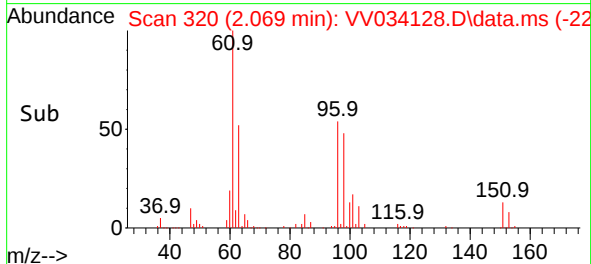
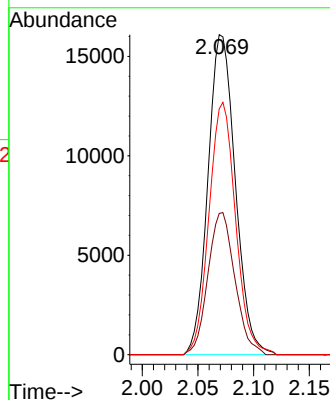
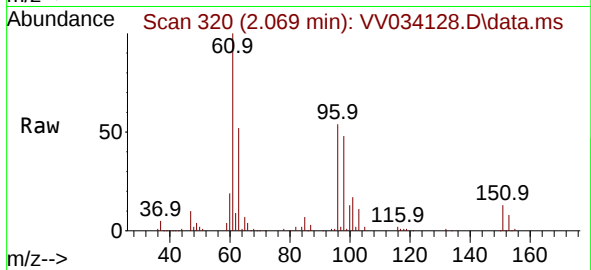




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.524 ug/L
 RT: 2.069 min Scan# 31
 Delta R.T. -0.000 min
 Lab File: VV034128.D
 Acq: 12 Feb 2024 10:36

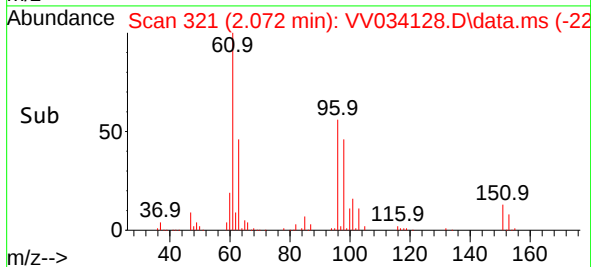
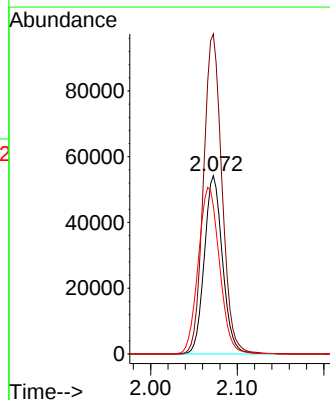
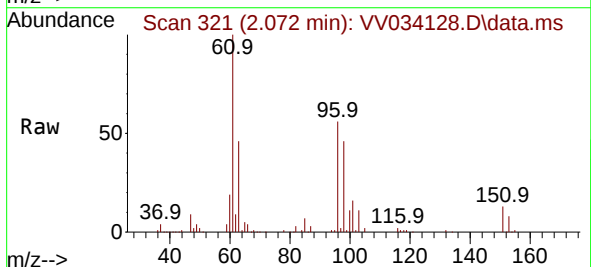
Instrument :
 MSVOA_V
 ClientSampleId :
 C0AC1

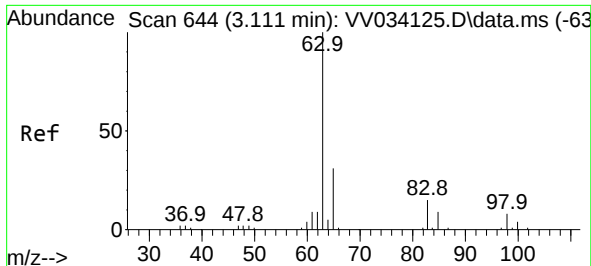
Tgt Ion:101 Resp: 27492
 Ion Ratio Lower Upper
 101 100
 85 43.7 37.1 55.7
 151 76.8 61.7 92.5



#12
 1,1-Dichloroethene
 Concen: 13.396 ug/L
 RT: 2.072 min Scan# 321
 Delta R.T. -0.000 min
 Lab File: VV034128.D
 Acq: 12 Feb 2024 10:36

Tgt Ion: 96 Resp: 79047
 Ion Ratio Lower Upper
 96 100
 61 179.6 128.8 239.2
 63 83.1 97.9 181.9#





#19

1,1-Dichloroethane

Concen: 0.667 ug/L

RT: 3.117 min Scan# 644

Delta R.T. 0.006 min

Lab File: VV034128.D

Acq: 12 Feb 2024 10:36

Instrument :

MSVOA_V

ClientSampleId :

C0AC1

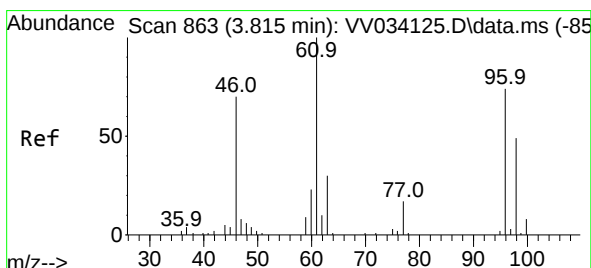
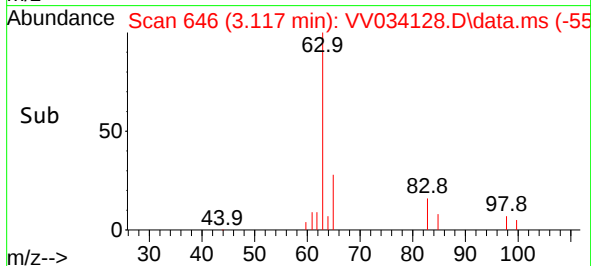
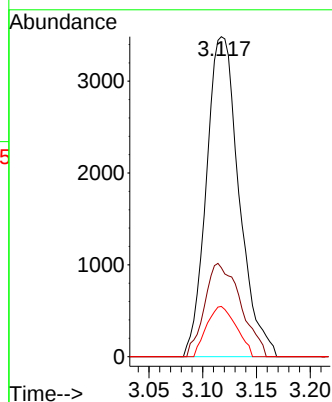
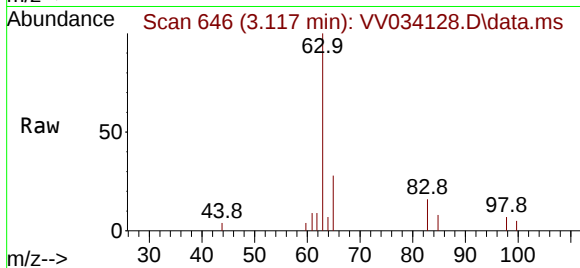
Tgt Ion: 63 Resp: 7364

Ion Ratio Lower Upper

63 100

65 27.8 20.8 38.6

83 15.7 9.4 17.4



#22

cis-1,2-Dichloroethene

Concen: 8.187 ug/L

RT: 3.818 min Scan# 864

Delta R.T. 0.003 min

Lab File: VV034128.D

Acq: 12 Feb 2024 10:36

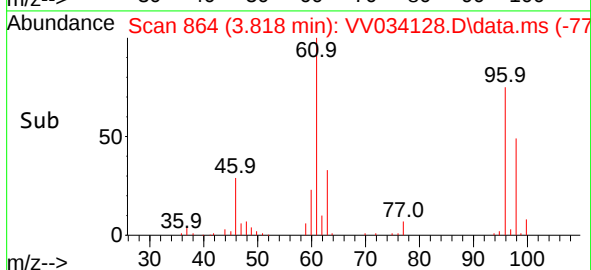
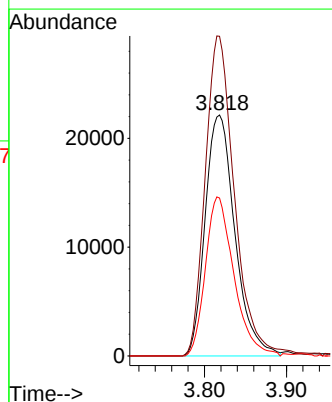
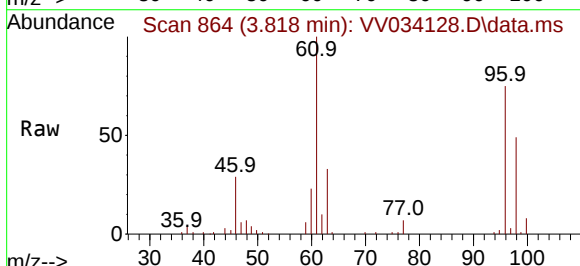
Tgt Ion: 96 Resp: 55826

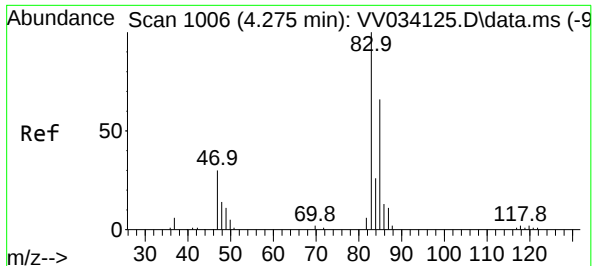
Ion Ratio Lower Upper

96 100

61 132.7 90.3 167.7

98 65.6 43.2 80.2





#25

Chloroform

Concen: 0.584 ug/L

RT: 4.284 min Scan# 1006

Delta R.T. 0.010 min

Lab File: VV034128.D

Acq: 12 Feb 2024 10:36

Instrument :

MSVOA_V

ClientSampleId :

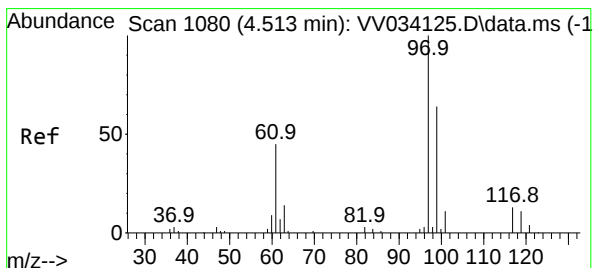
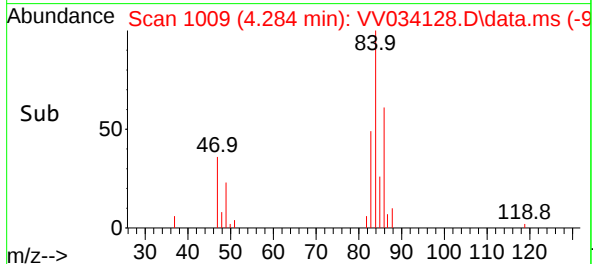
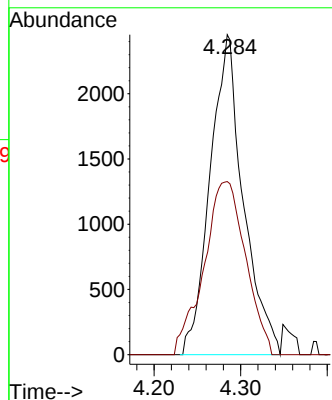
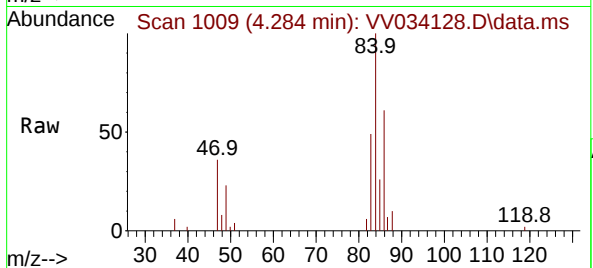
C0AC1

Tgt Ion: 83 Resp: 6514

Ion Ratio Lower Upper

83 100

85 54.1 47.5 88.1



#29

1,1,1-Trichloroethane

Concen: 0.310 ug/L

RT: 4.516 min Scan# 1081

Delta R.T. 0.003 min

Lab File: VV034128.D

Acq: 12 Feb 2024 10:36

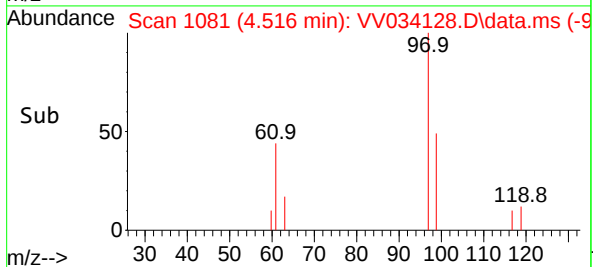
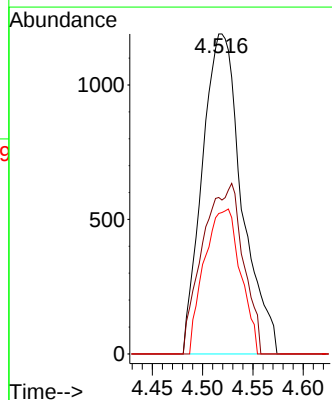
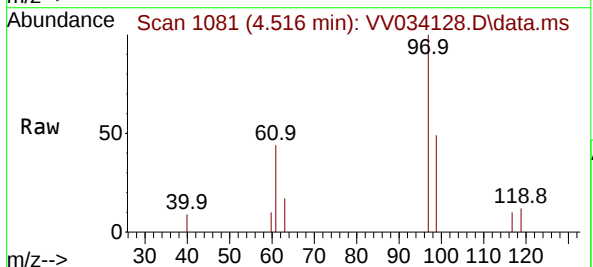
Tgt Ion: 97 Resp: 3256

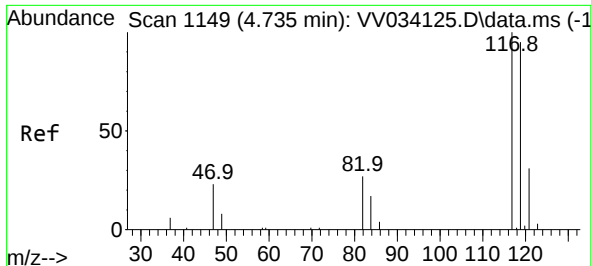
Ion Ratio Lower Upper

97 100

99 54.5 50.6 75.8

61 41.3 36.8 55.2

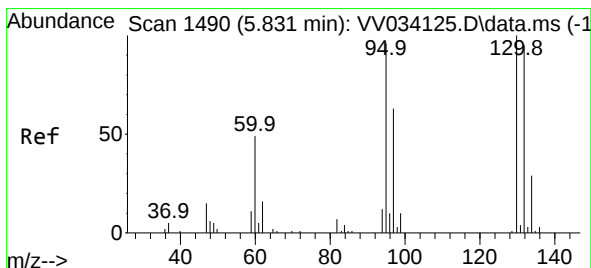
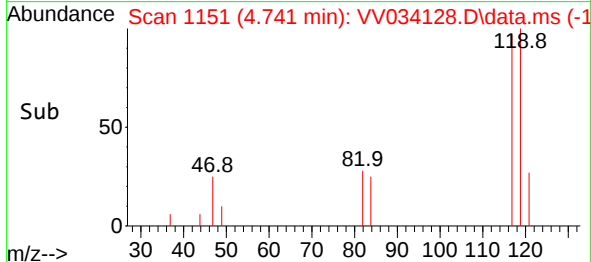
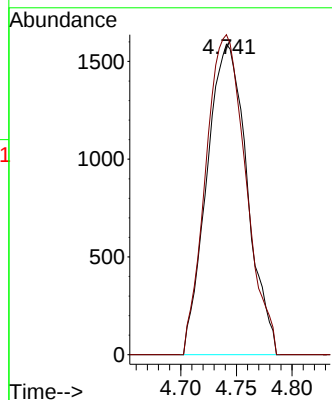
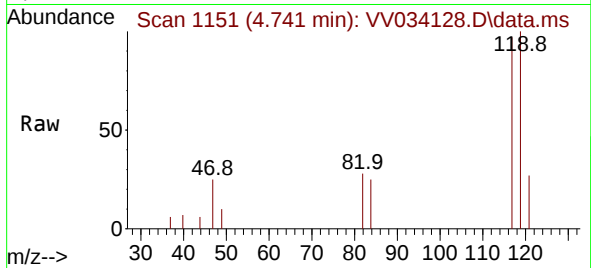




#31
Carbon tetrachloride
Concen: 0.434 ug/L
RT: 4.741 min Scan# 1149
Delta R.T. 0.006 min
Lab File: VV034128.D
Acq: 12 Feb 2024 10:36

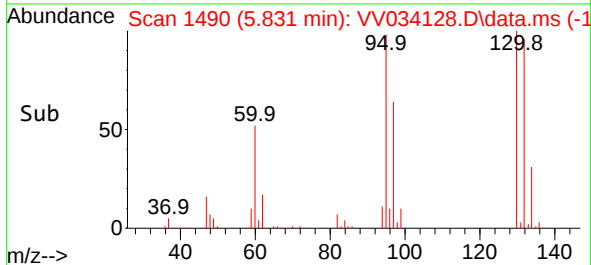
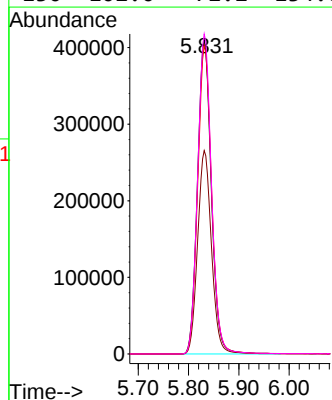
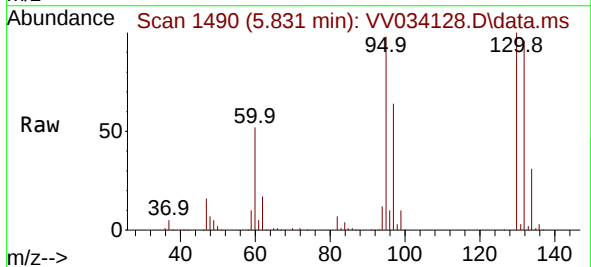
Instrument :
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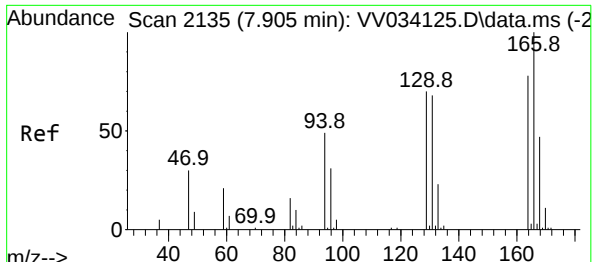
Tgt Ion:117 Resp: 3992
Ion Ratio Lower Upper
117 100
119 102.5 76.1 114.1



#34
Trichloroethene
Concen: 115.521 ug/L
RT: 5.831 min Scan# 1490
Delta R.T. -0.000 min
Lab File: VV034128.D
Acq: 12 Feb 2024 10:36

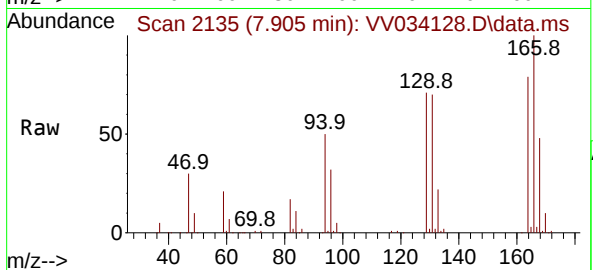
Tgt Ion: 95 Resp: 784286
Ion Ratio Lower Upper
95 100
97 64.8 45.1 83.7
132 98.2 66.0 122.6
130 102.0 72.2 134.0





#47
 Tetrachloroethene
 Concen: 20.192 ug/L
 RT: 7.905 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV034128.D
 Acq: 12 Feb 2024 10:36

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AC1



Tgt Ion:164 Resp: 111390

Ion	Ratio	Lower	Upper
164	100		
129	90.0	67.8	125.8
131	87.8	63.0	117.0
166	126.0	92.6	172.0

