

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV020824\
 Data File : VV034081.D
 Acq On : 09 Feb 2024 00:33
 Operator : SY/MD
 Sample : P1401-07
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AJ0

Quant Time: Feb 09 04:47:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Feb 09 03:48:51 2024
 Response via : Initial Calibration

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

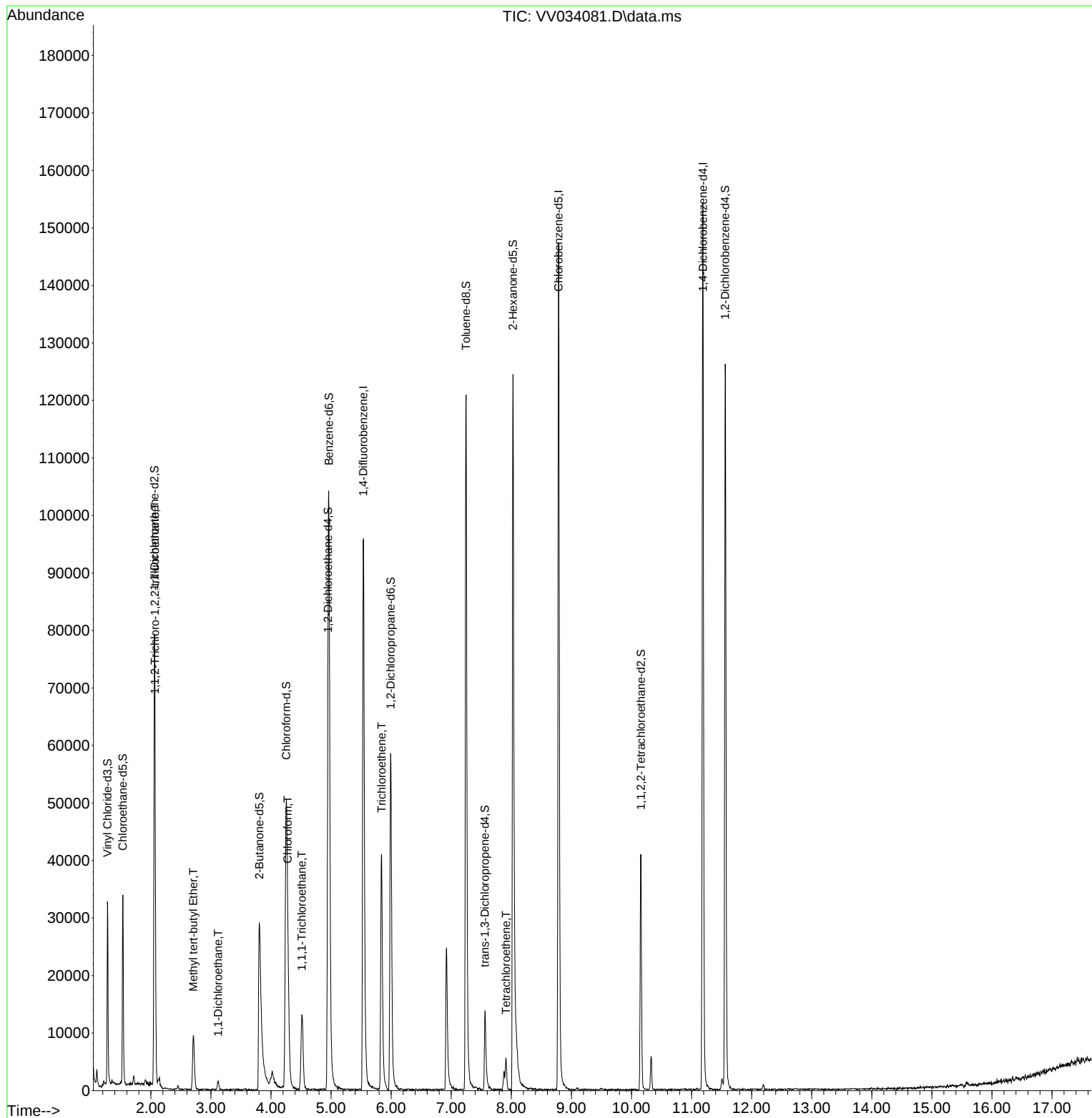
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	83662	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	78729	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	39241	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	20892	3.224	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	64.400%	
7) Chloroethane-d5	1.532	69	20453	3.604	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	72.000%	
11) 1,1-Dichloroethene-d2	2.060	65	11141	3.565	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	71.400%	
20) 2-Butanone-d5	3.806	46	52841	48.558	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	97.120%	
24) Chloroform-d	4.253	84	49701	4.221	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	84.400%	
26) 1,2-Dichloroethane-d4	4.947	65	25717	4.674	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	93.400%	
32) Benzene-d6	4.963	84	91312	3.866	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	77.400%	
36) 1,2-Dichloropropane-d6	5.992	67	27553	4.173	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	83.400%	
41) Toluene-d8	7.246	98	80939	3.728	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	74.600%	
43) trans-1,3-Dichloroprop...	7.561	79	9778	3.922	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	78.400%	
46) 2-Hexanone-d5	8.027	63	44613	50.126	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	100.260%	
56) 1,1,2,2-Tetrachloroeth...	10.156	84	18462	4.612	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	92.200%	
66) 1,2-Dichlorobenzene-d4	11.561	152	31872	4.466	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	89.400%	
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	7095	1.179	ug/L	96
17) Methyl tert-butyl Ether	2.706	73	9688	0.807	ug/L	98
19) 1,1-Dichloroethane	3.121	63	1842	0.168	ug/L #	90
25) Chloroform	4.278	83	17498	1.582	ug/L	100
29) 1,1,1-Trichloroethane	4.513	97	11254	1.065	ug/L	98
34) Trichloroethene	5.841	95	15138	2.215	ug/L	94
47) Tetrachloroethene	7.912	164	1087	0.196	ug/L	88

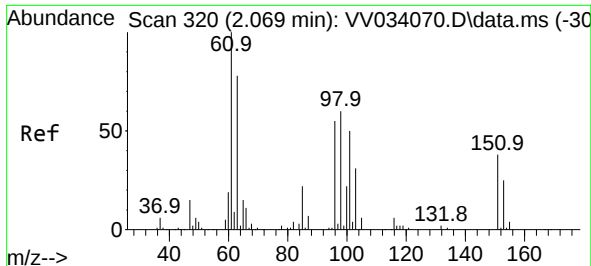
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Feb 09 03:48:51 2024
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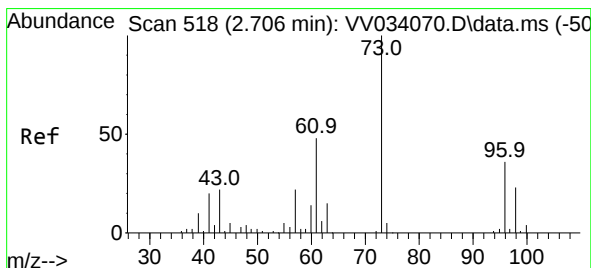
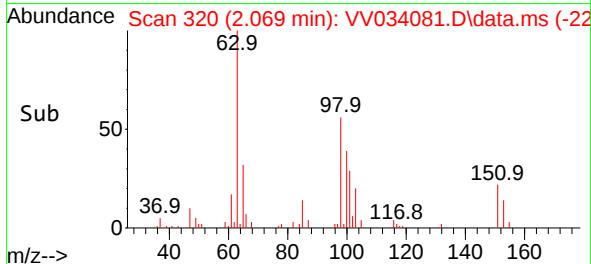
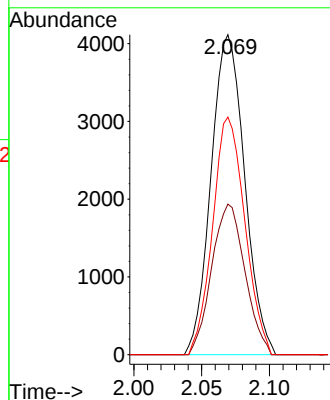
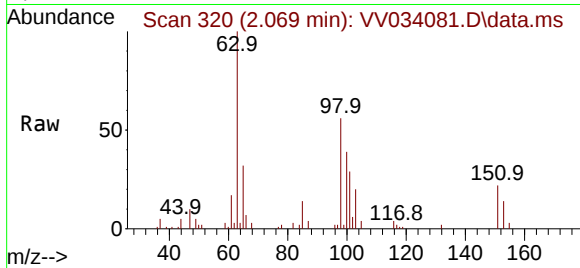




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.179 ug/L
RT: 2.069 min Scan# 31
Delta R.T. 0.000 min
Lab File: VV034081.D
Acq: 09 Feb 2024 00:33

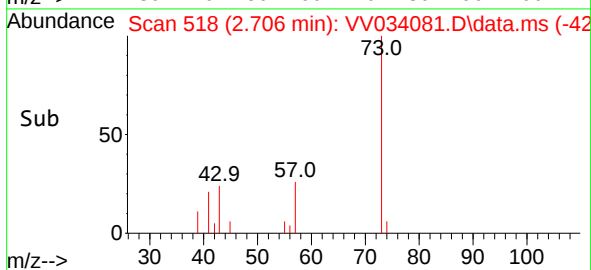
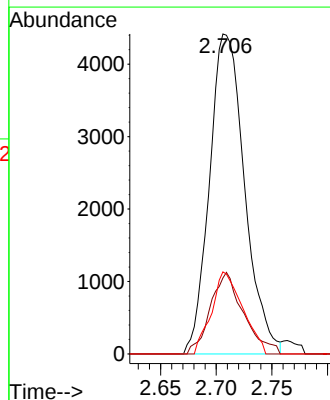
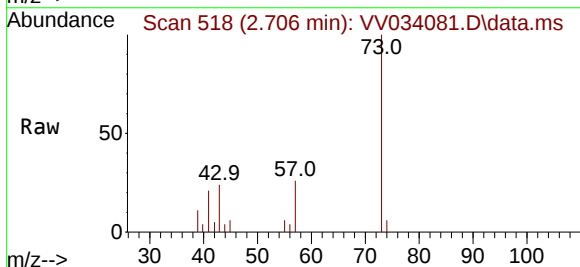
Instrument :
MSVOA_V
ClientSampleId :
C0AJ0

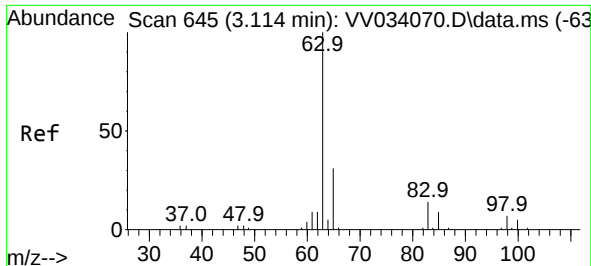
Tgt Ion:101 Resp: 7095
Ion Ratio Lower Upper
101 100
85 46.6 37.1 55.7
151 71.3 61.7 92.5



#17
Methyl tert-butyl Ether
Concen: 0.807 ug/L
RT: 2.706 min Scan# 518
Delta R.T. 0.000 min
Lab File: VV034081.D
Acq: 09 Feb 2024 00:33

Tgt Ion: 73 Resp: 9688
Ion Ratio Lower Upper
73 100
43 24.0 17.7 26.5
57 22.7 17.9 26.9





#19

1,1-Dichloroethane

Concen: 0.168 ug/L

RT: 3.121 min Scan# 64

Delta R.T. 0.006 min

Lab File: VV034081.D

Acq: 09 Feb 2024 00:33

Instrument :

MSVOA_V

ClientSampleId :

C0AJ0

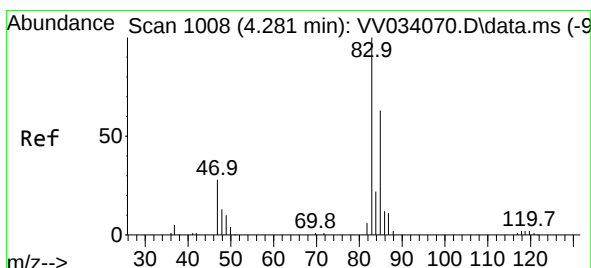
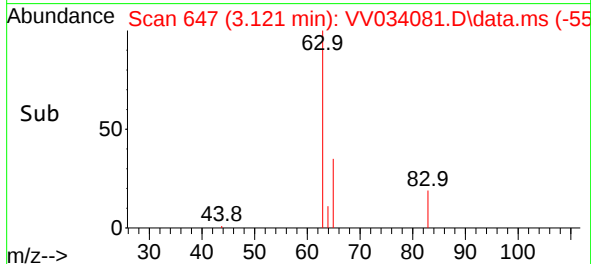
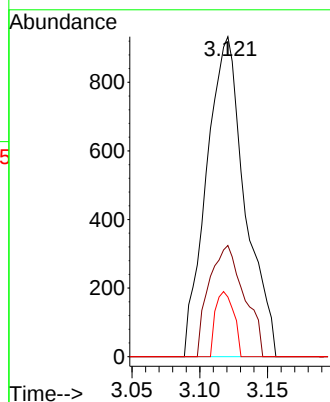
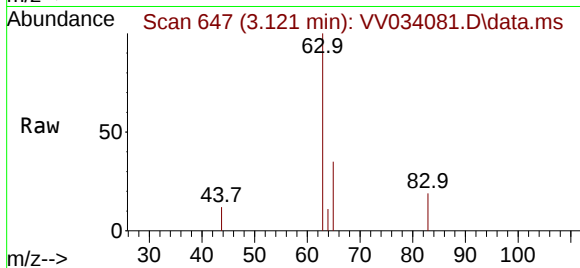
Tgt Ion: 63 Resp: 1842

Ion Ratio Lower Upper

63 100

65 34.7 20.8 38.6

83 18.6 9.4 17.4#



#25

Chloroform

Concen: 1.582 ug/L

RT: 4.278 min Scan# 1007

Delta R.T. -0.003 min

Lab File: VV034081.D

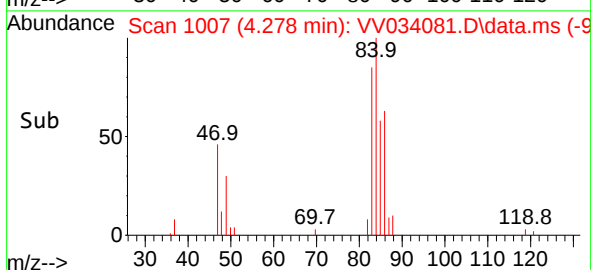
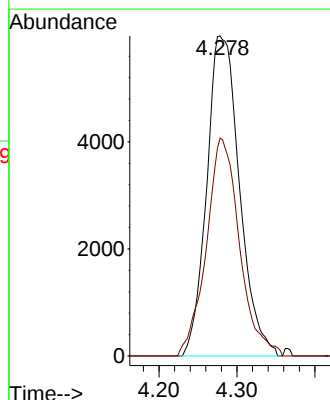
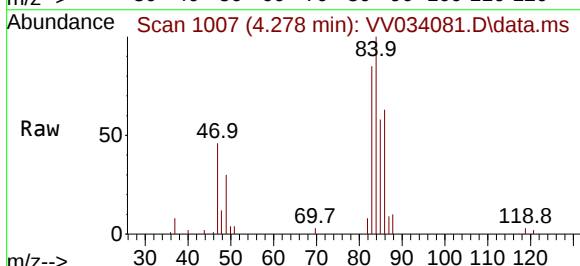
Acq: 09 Feb 2024 00:33

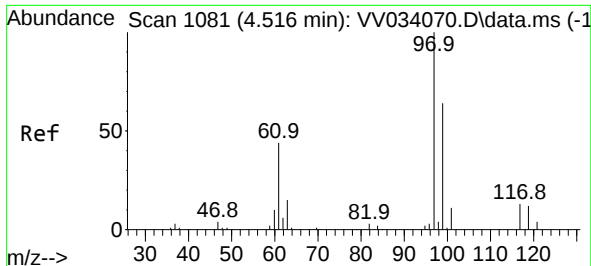
Tgt Ion: 83 Resp: 17498

Ion Ratio Lower Upper

83 100

85 68.1 47.5 88.1





#29

1,1,1-Trichloroethane

Concen: 1.065 ug/L

RT: 4.513 min Scan# 1080

Delta R.T. -0.003 min

Lab File: VV034081.D

Acq: 09 Feb 2024 00:33

Instrument :

MSVOA_V

ClientSampleId :

C0AJ0

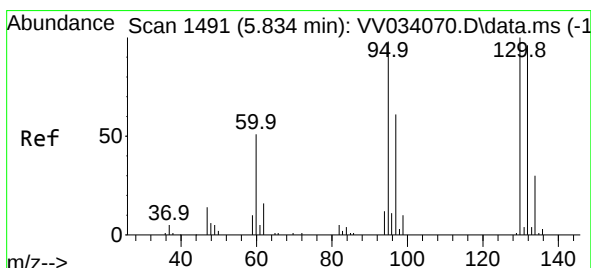
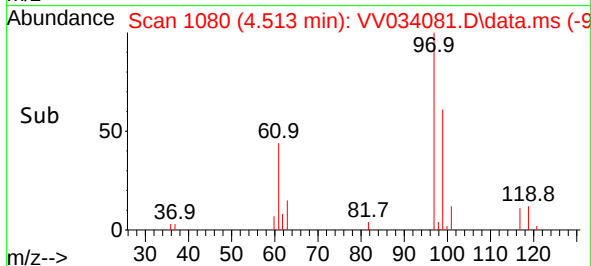
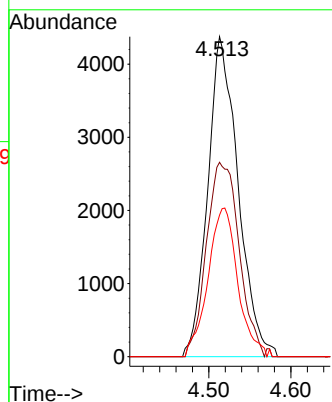
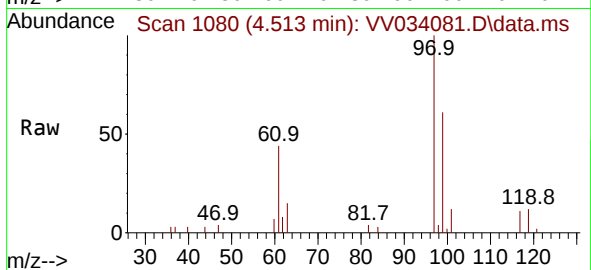
Tgt Ion: 97 Resp: 11254

Ion Ratio Lower Upper

97 100

99 65.4 50.6 75.8

61 45.8 36.8 55.2



#34

Trichloroethene

Concen: 2.215 ug/L

RT: 5.841 min Scan# 1493

Delta R.T. 0.006 min

Lab File: VV034081.D

Acq: 09 Feb 2024 00:33

Tgt Ion: 95 Resp: 15138

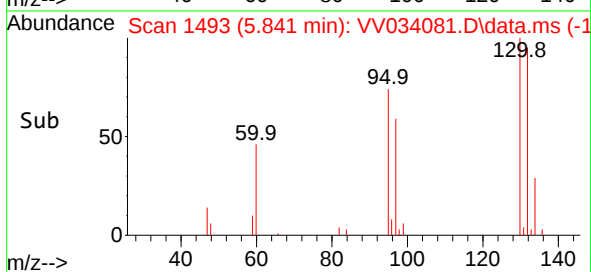
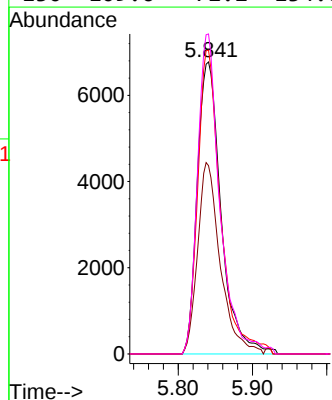
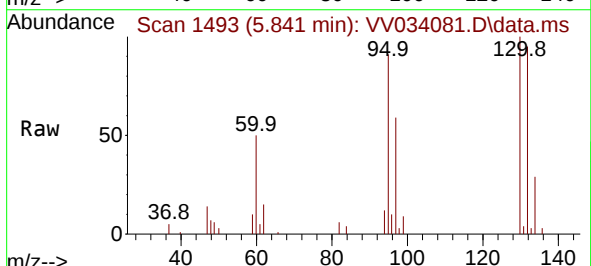
Ion Ratio Lower Upper

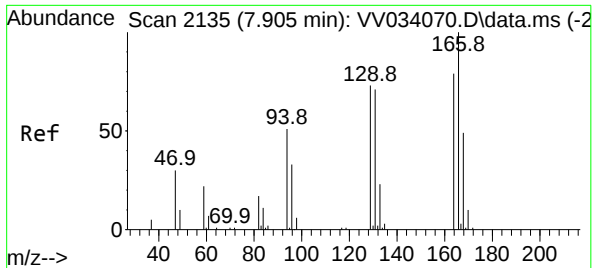
95 100

97 64.5 45.1 83.7

132 104.1 66.0 122.6

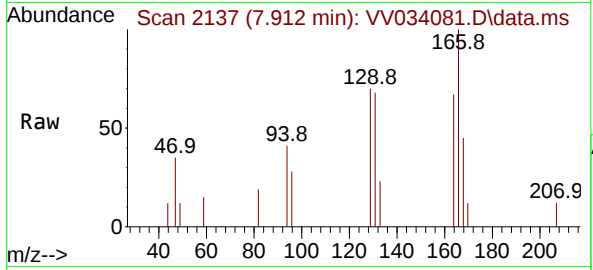
130 109.6 72.2 134.0





#47
 Tetrachloroethene
 Concen: 0.196 ug/L
 RT: 7.912 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VV034081.D
 Acq: 09 Feb 2024 00:33

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AJ0



Tgt Ion:164 Resp: 1087

Ion	Ratio	Lower	Upper
164	100		
129	105.3	67.8	125.8
131	101.2	63.0	117.0
166	149.8	92.6	172.0

