

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV021224\
 Data File : VV034131.D
 Acq On : 12 Feb 2024 11:47
 Operator : SY/MD
 Sample : P1402-15
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AD4

Quant Time: Feb 13 00:45:41 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)

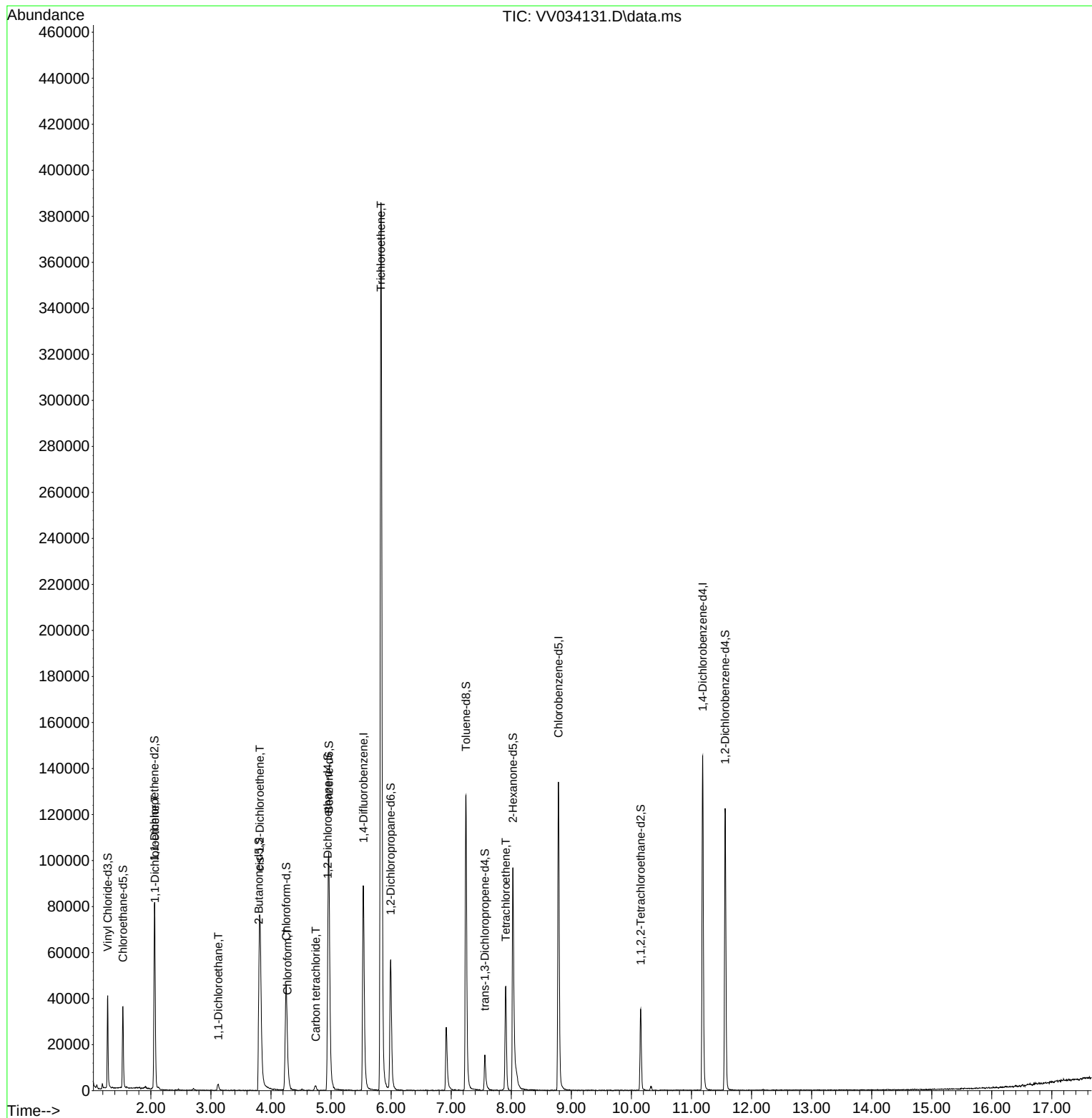
Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	79712	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	73666	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	37742	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	25516	4.133	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.600%
7) Chloroethane-d5	1.535	69	22565	4.173	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.400%
11) 1,1-Dichloroethene-d2	2.060	65	12365	4.153	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.000%
20) 2-Butanone-d5	3.799	46	42812	41.292	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.580%
24) Chloroform-d	4.252	84	47515	4.236	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.800%
26) 1,2-Dichloroethane-d4	4.947	65	24536	4.680	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.600%
32) Benzene-d6	4.963	84	93184	4.216	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.400%
36) 1,2-Dichloropropane-d6	5.992	67	25801	4.176	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.600%
41) Toluene-d8	7.246	98	85829	4.225	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.600%
43) trans-1,3-Dichloroprop...	7.561	79	10051	4.309	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.200%
46) 2-Hexanone-d5	8.027	63	35267	42.349	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.700%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	16409	4.381	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.600%
66) 1,2-Dichlorobenzene-d4	11.561	152	30821	4.490	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.800%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.069	96	3257	0.585	ug/L	# 1
19) 1,1-Dichloroethane	3.124	63	3161	0.303	ug/L	98
22) cis-1,2-Dichloroethene	3.815	96	34553	5.370	ug/L	98
25) Chloroform	4.275	83	2277	0.216	ug/L	87
31) Carbon tetrachloride	4.748	117	1600	0.185	ug/L	92
34) Trichloroethene	5.831	95	130093	20.344	ug/L	97
47) Tetrachloroethene	7.908	164	10370	1.996	ug/L	87

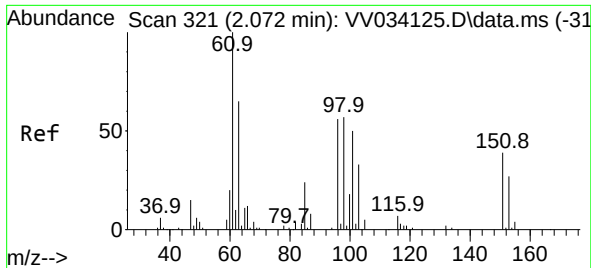
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Feb 13 00:43:48 2024
Response via : Initial Calibration

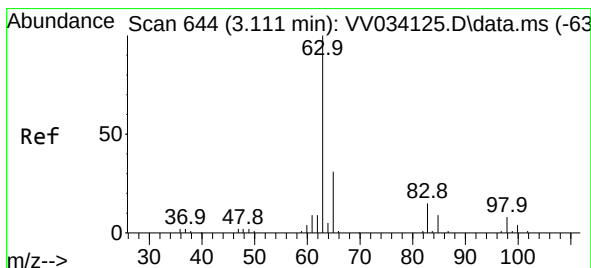
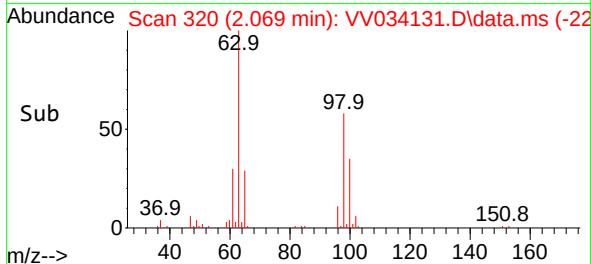
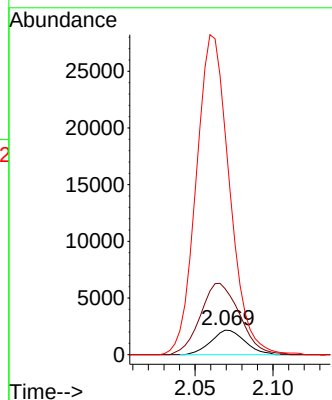
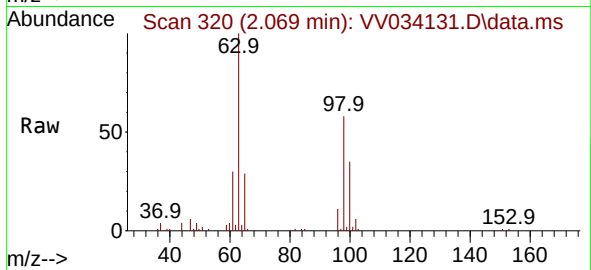




#12
1,1-Dichloroethene
Concen: 0.585 ug/L
RT: 2.069 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV034131.D
Acq: 12 Feb 2024 11:47

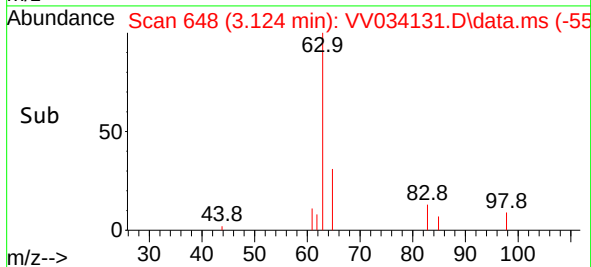
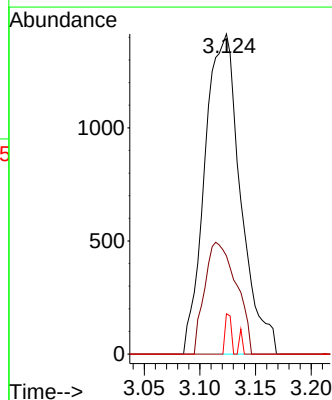
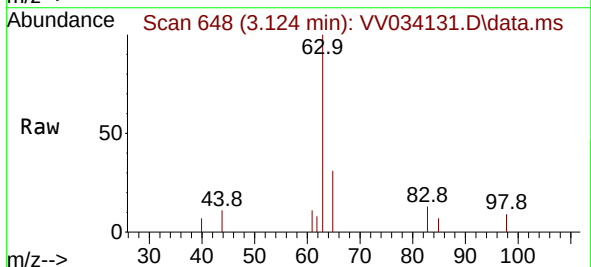
Instrument :
MSVOA_V
ClientSampleId :
C0AD4

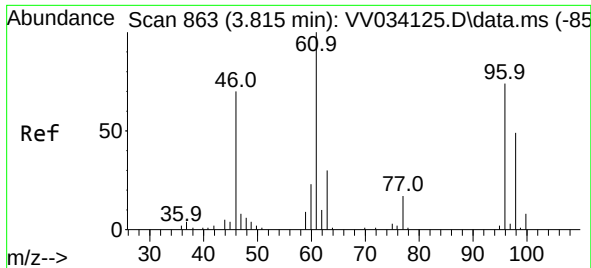
Tgt Ion: 96 Resp: 3257
Ion Ratio Lower Upper
96 100
61 270.8 128.8 239.2#
63 915.1 97.9 181.9#



#19
1,1-Dichloroethane
Concen: 0.303 ug/L
RT: 3.124 min Scan# 648
Delta R.T. 0.013 min
Lab File: VV034131.D
Acq: 12 Feb 2024 11:47

Tgt Ion: 63 Resp: 3161
Ion Ratio Lower Upper
63 100
65 30.7 20.8 38.6
83 12.6 9.4 17.4



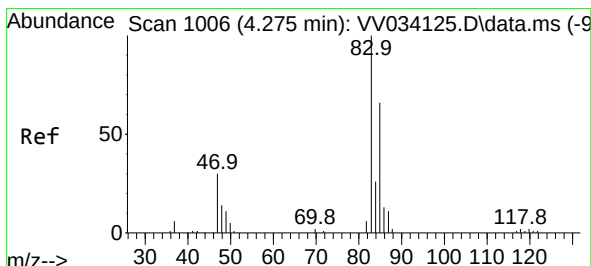
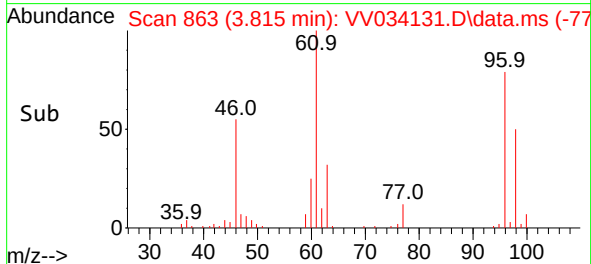
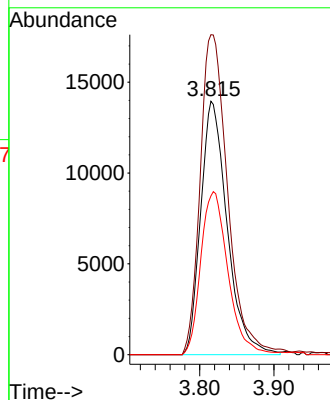
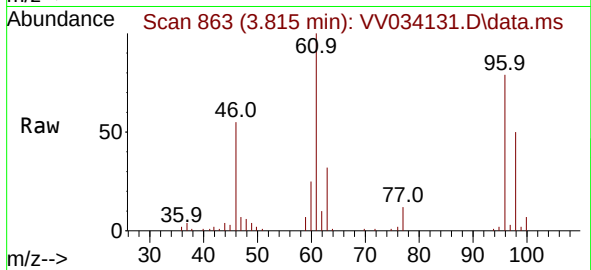


#22
 cis-1,2-Dichloroethene
 Concen: 5.370 ug/L
 RT: 3.815 min Scan# 863
 Delta R.T. -0.000 min
 Lab File: VV034131.D
 Acq: 12 Feb 2024 11:47

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AD4

Tgt Ion: 96 Resp: 34553

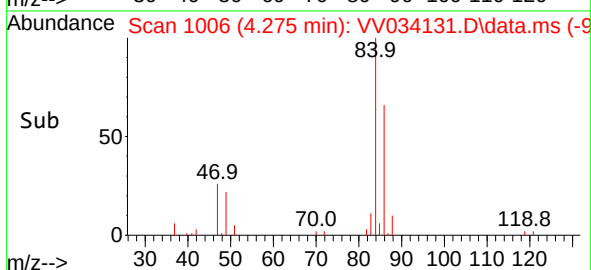
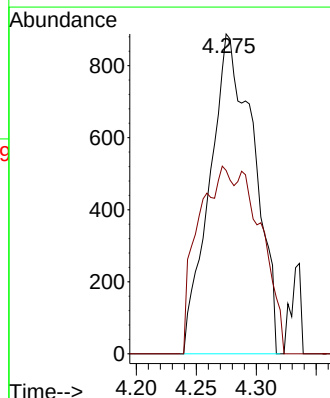
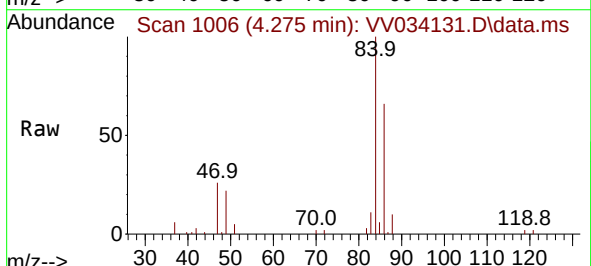
Ion	Ratio	Lower	Upper
96	100		
61	126.3	90.3	167.7
98	62.6	43.2	80.2

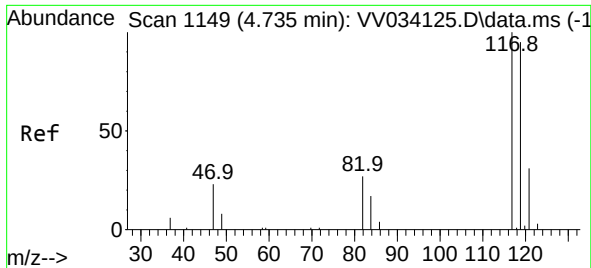


#25
 Chloroform
 Concen: 0.216 ug/L
 RT: 4.275 min Scan# 1006
 Delta R.T. -0.000 min
 Lab File: VV034131.D
 Acq: 12 Feb 2024 11:47

Tgt Ion: 83 Resp: 2277

Ion	Ratio	Lower	Upper
83	100		
85	57.3	47.5	88.1

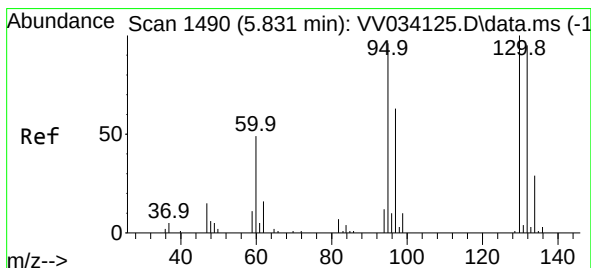
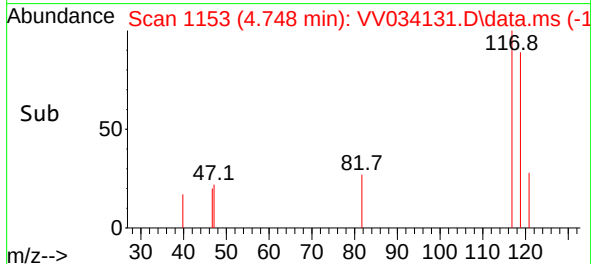
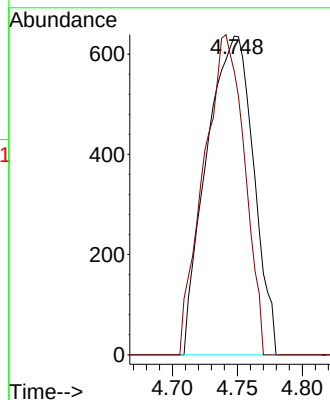
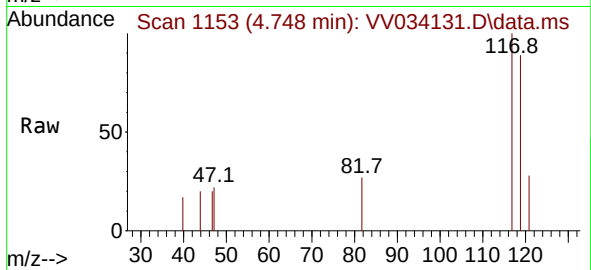




#31
Carbon tetrachloride
Concen: 0.185 ug/L
RT: 4.748 min Scan# 1149
Delta R.T. 0.013 min
Lab File: VV034131.D
Acq: 12 Feb 2024 11:47

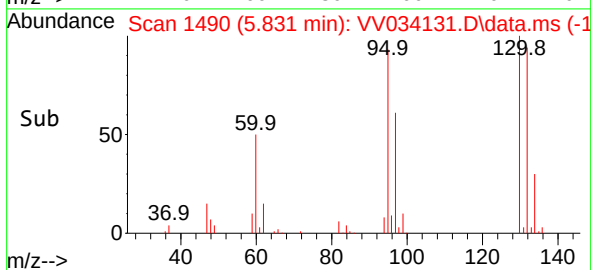
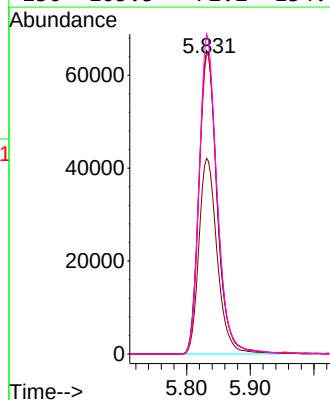
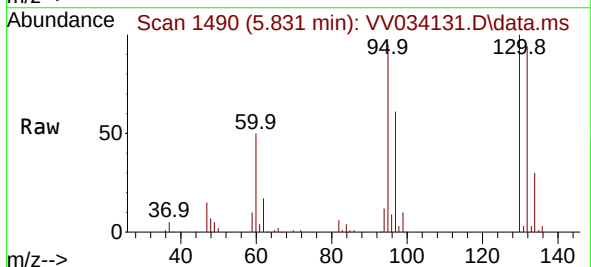
Instrument :
MSVOA_V
ClientSampleId :
C0AD4

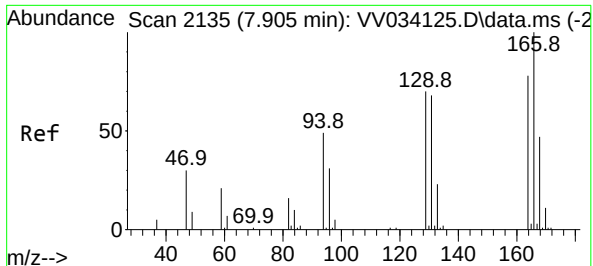
Tgt Ion:117 Resp: 1600
Ion Ratio Lower Upper
117 100
119 86.9 76.1 114.1



#34
Trichloroethene
Concen: 20.344 ug/L
RT: 5.831 min Scan# 1490
Delta R.T. -0.000 min
Lab File: VV034131.D
Acq: 12 Feb 2024 11:47

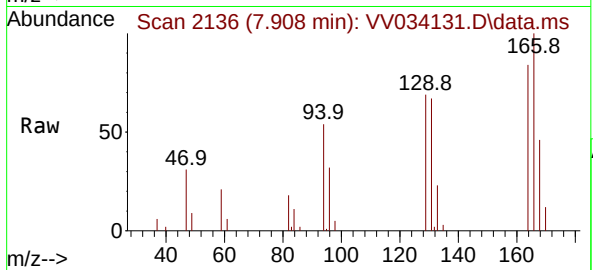
Tgt Ion: 95 Resp: 130093
Ion Ratio Lower Upper
95 100
97 64.5 45.1 83.7
132 98.9 66.0 122.6
130 105.5 72.2 134.0





#47
 Tetrachloroethene
 Concen: 1.996 ug/L
 RT: 7.908 min Scan# 2136
 Delta R.T. 0.003 min
 Lab File: VV034131.D
 Acq: 12 Feb 2024 11:47

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AD4



Tgt Ion:	164	Resp:	10370
Ion	Ratio	Lower	Upper
164	100		
129	82.2	67.8	125.8
131	79.1	63.0	117.0
166	118.9	92.6	172.0

