

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV022624\
 Data File : VV034421.D
 Acq On : 26 Feb 2024 20:43
 Operator : SY/MD
 Sample : P1535-09
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AF6

Quant Time: Feb 27 05:09:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR022624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Feb 27 05:05:59 2024
 Response via : Initial Calibration

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

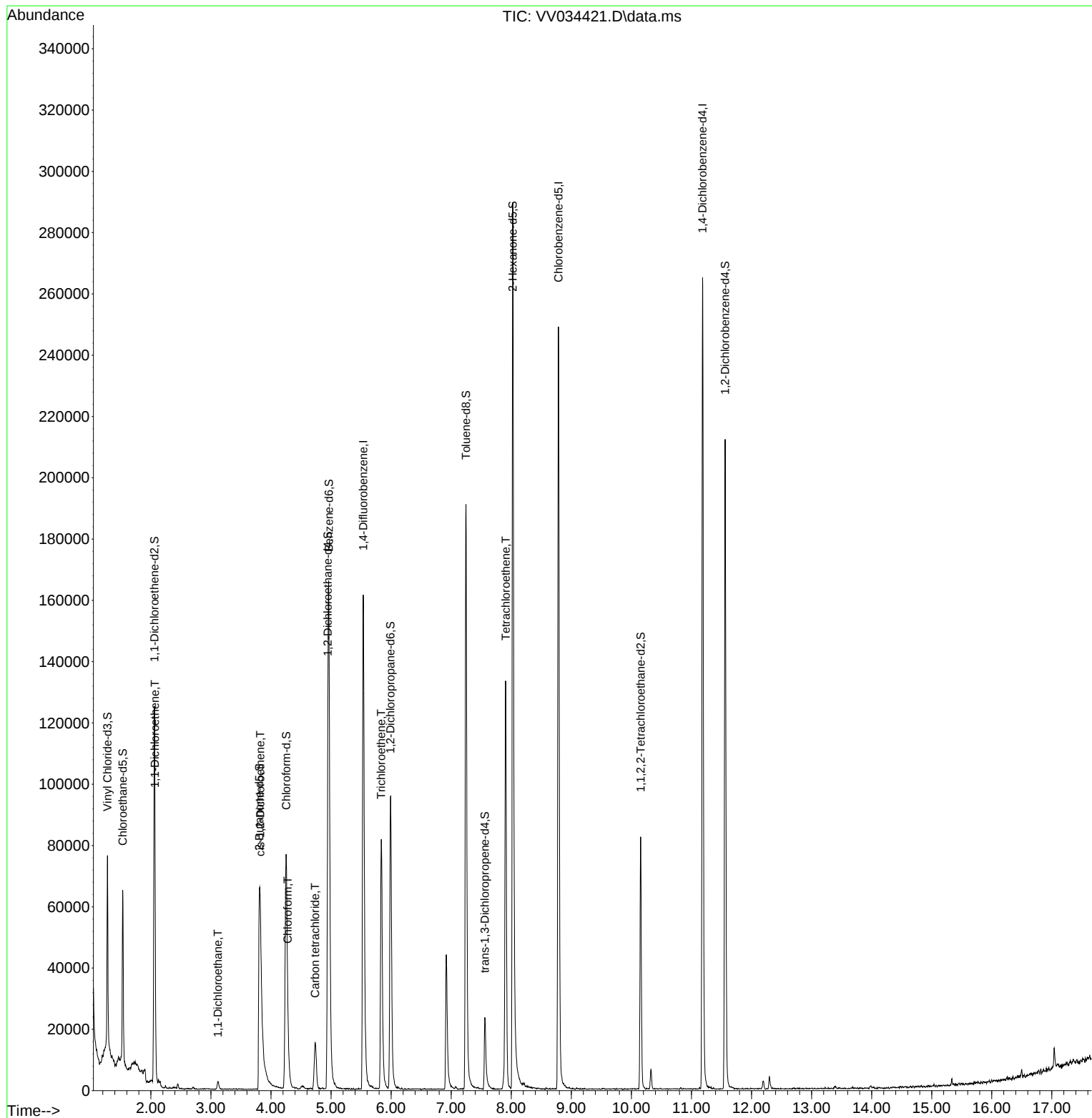
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	142035	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	131530	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	68816	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	37645	4.566	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	91.400%	
7) Chloroethane-d5	1.532	69	33672	4.624	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	92.400%	
11) 1,1-Dichloroethene-d2	2.060	65	17542	4.571	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	91.400%	
20) 2-Butanone-d5	3.806	46	117415	54.467	ug/L	-0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	108.940%	
24) Chloroform-d	4.252	84	80660	4.872	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.400%	
26) 1,2-Dichloroethane-d4	4.947	65	44344	5.264	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	105.200%	
32) Benzene-d6	4.963	84	144451	4.882	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.600%	
36) 1,2-Dichloropropane-d6	5.989	67	45296	5.127	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	102.600%	
41) Toluene-d8	7.246	98	129112	4.866	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	97.400%	
43) trans-1,3-Dichloroprop...	7.561	79	15167	4.608	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	92.200%	
46) 2-Hexanone-d5	8.024	63	107349	57.682	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	115.360%	
56) 1,1,2,2-Tetrachloroeth...	10.156	84	37335	5.339	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	106.800%	
66) 1,2-Dichlorobenzene-d4	11.561	152	51993	4.973	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	99.400%	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.069	96	7151	0.804	ug/L #	1
19) 1,1-Dichloroethane	3.117	63	2777	0.160	ug/L #	89
22) cis-1,2-Dichloroethene	3.822	96	9230	0.928	ug/L	98
25) Chloroform	4.278	83	8540	0.472	ug/L	92
31) Carbon tetrachloride	4.735	117	12169	0.852	ug/L	94
34) Trichloroethene	5.834	95	30145	3.171	ug/L	98
47) Tetrachloroethene	7.908	164	28622	3.838	ug/L	98

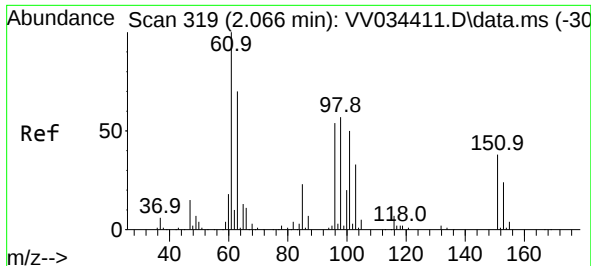
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Feb 27 05:05:59 2024
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#12

1,1-Dichloroethene

Concen: 0.804 ug/L

RT: 2.069 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV034421.D

Acq: 26 Feb 2024 20:43

Instrument :

MSVOA_V

ClientSampleId :

C0AF6

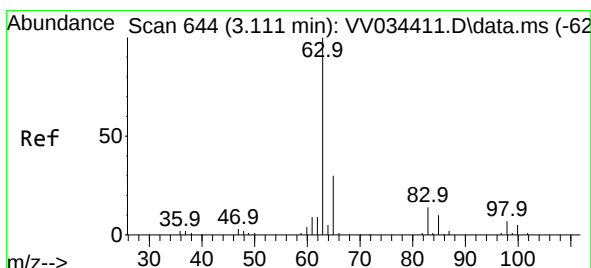
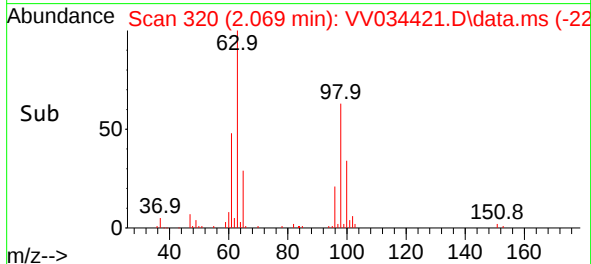
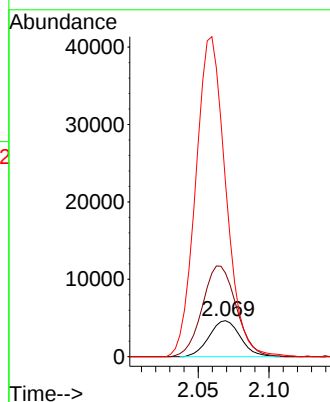
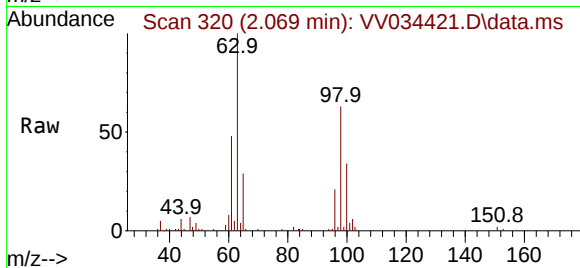
Tgt Ion: 96 Resp: 7151

Ion Ratio Lower Upper

96 100

61 232.1 131.3 243.8

63 483.8 102.8 191.0#



#19

1,1-Dichloroethane

Concen: 0.160 ug/L

RT: 3.117 min Scan# 646

Delta R.T. 0.007 min

Lab File: VV034421.D

Acq: 26 Feb 2024 20:43

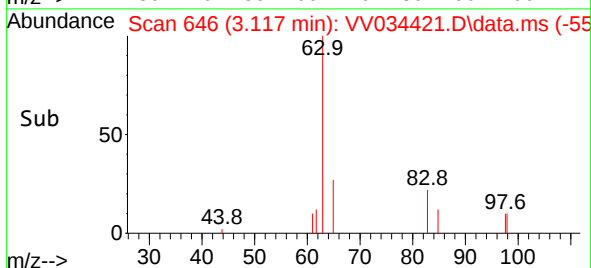
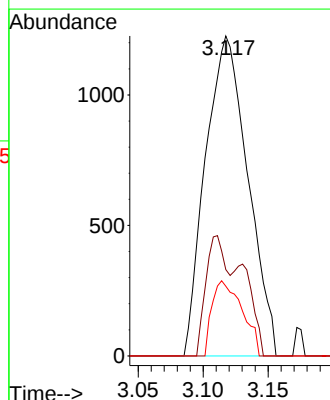
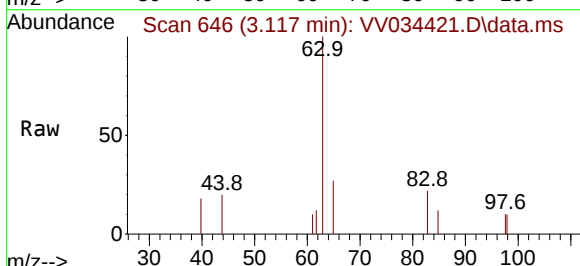
Tgt Ion: 63 Resp: 2777

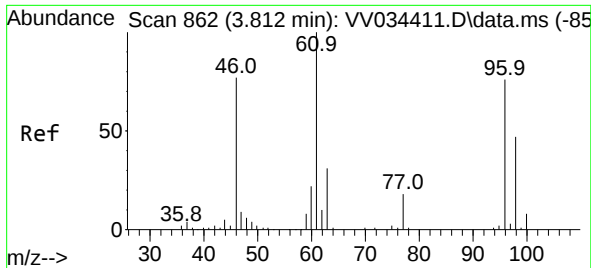
Ion Ratio Lower Upper

63 100

65 27.0 22.0 41.0

83 21.8 10.1 18.9#

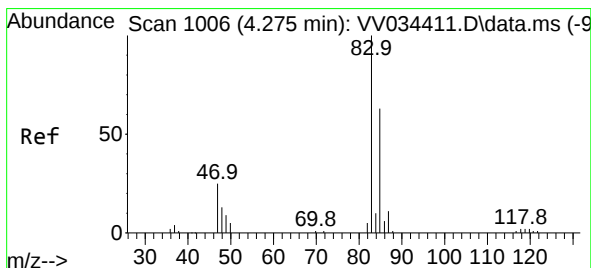
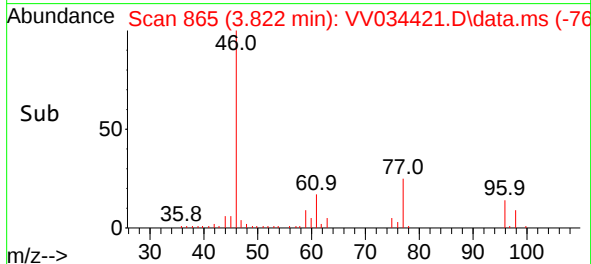
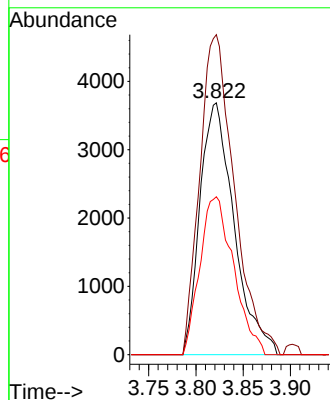
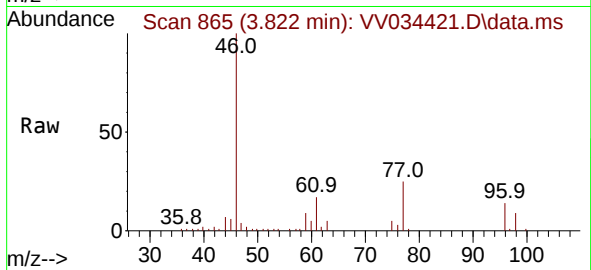




#22
 cis-1,2-Dichloroethene
 Concen: 0.928 ug/L
 RT: 3.822 min Scan# 80
 Delta R.T. 0.010 min
 Lab File: VV034421.D
 Acq: 26 Feb 2024 20:43

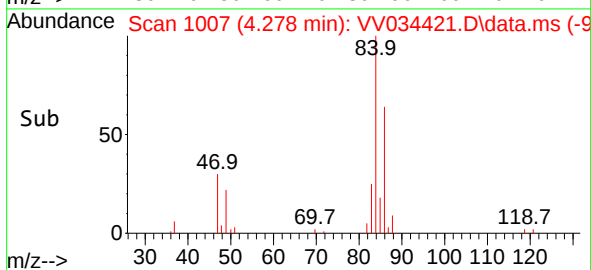
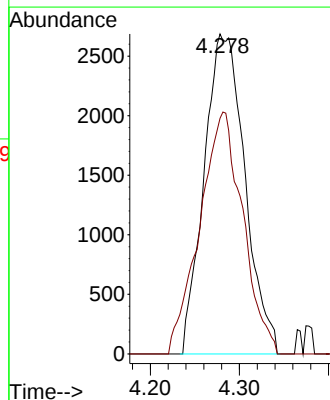
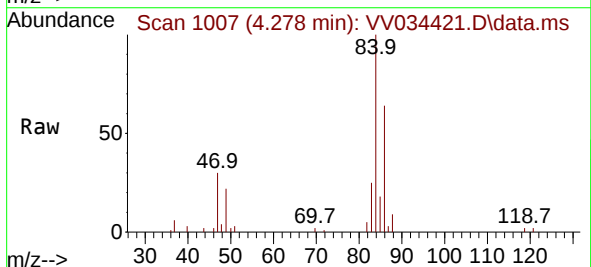
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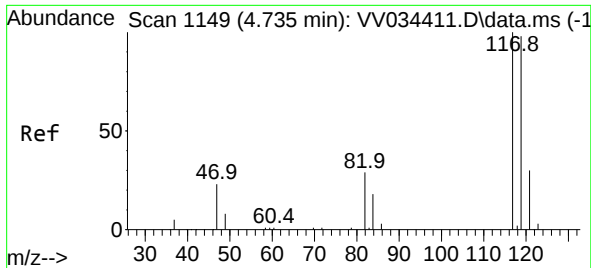
Tgt Ion: 96 Resp: 9230
 Ion Ratio Lower Upper
 96 100
 61 127.0 89.7 166.5
 98 62.7 42.0 78.0



#25
 Chloroform
 Concen: 0.472 ug/L
 RT: 4.278 min Scan# 1007
 Delta R.T. 0.003 min
 Lab File: VV034421.D
 Acq: 26 Feb 2024 20:43

Tgt Ion: 83 Resp: 8540
 Ion Ratio Lower Upper
 83 100
 85 73.6 47.0 87.4

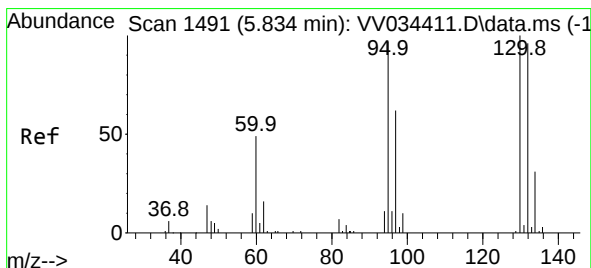
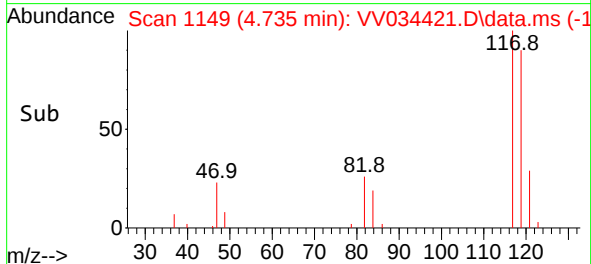
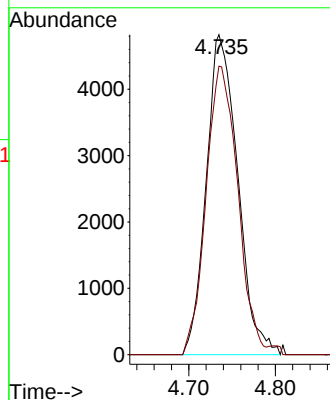
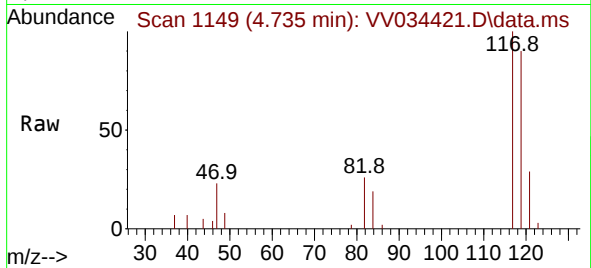




#31
Carbon tetrachloride
Concen: 0.852 ug/L
RT: 4.735 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VV034421.D
Acq: 26 Feb 2024 20:43

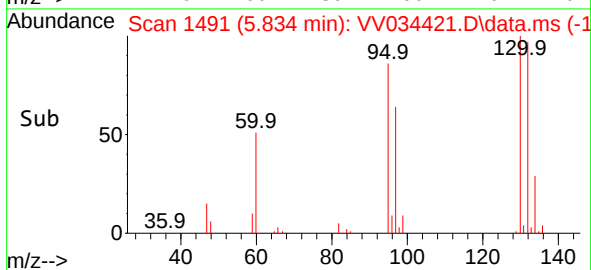
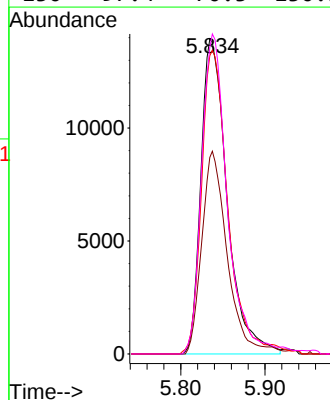
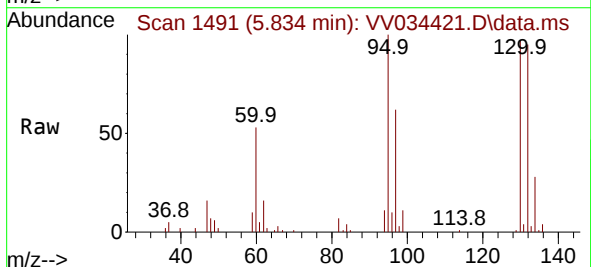
Instrument :
MSVOA_V
ClientSampleId :
C0AF6

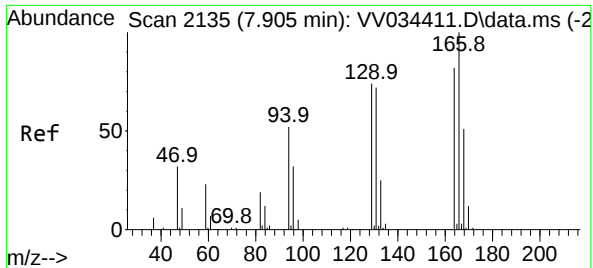
Tgt Ion:117 Resp: 12169
Ion Ratio Lower Upper
117 100
119 90.6 77.0 115.6



#34
Trichloroethene
Concen: 3.171 ug/L
RT: 5.834 min Scan# 1491
Delta R.T. 0.000 min
Lab File: VV034421.D
Acq: 26 Feb 2024 20:43

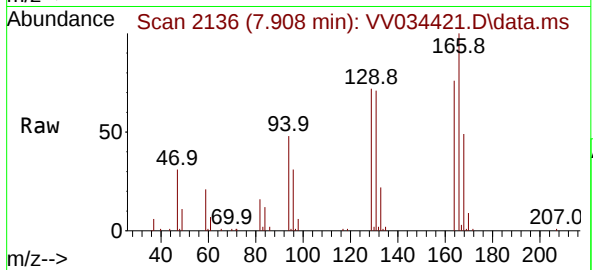
Tgt Ion: 95 Resp: 30145
Ion Ratio Lower Upper
95 100
97 62.4 43.3 80.5
132 94.7 67.8 126.0
130 97.4 70.3 130.5





#47
 Tetrachloroethene
 Concen: 3.838 ug/L
 RT: 7.908 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV034421.D
 Acq: 26 Feb 2024 20:43

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AF6



Tgt Ion:	164	Resp:	28622
Ion	Ratio	Lower	Upper
164	100		
129	93.8	64.2	119.2
131	92.6	65.9	122.3
166	130.7	89.9	166.9

