

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV022624\
 Data File : VV034420.D
 Acq On : 26 Feb 2024 20:19
 Operator : SY/MD
 Sample : P1535-08
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AF5

Quant Time: Feb 27 05:09:02 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)

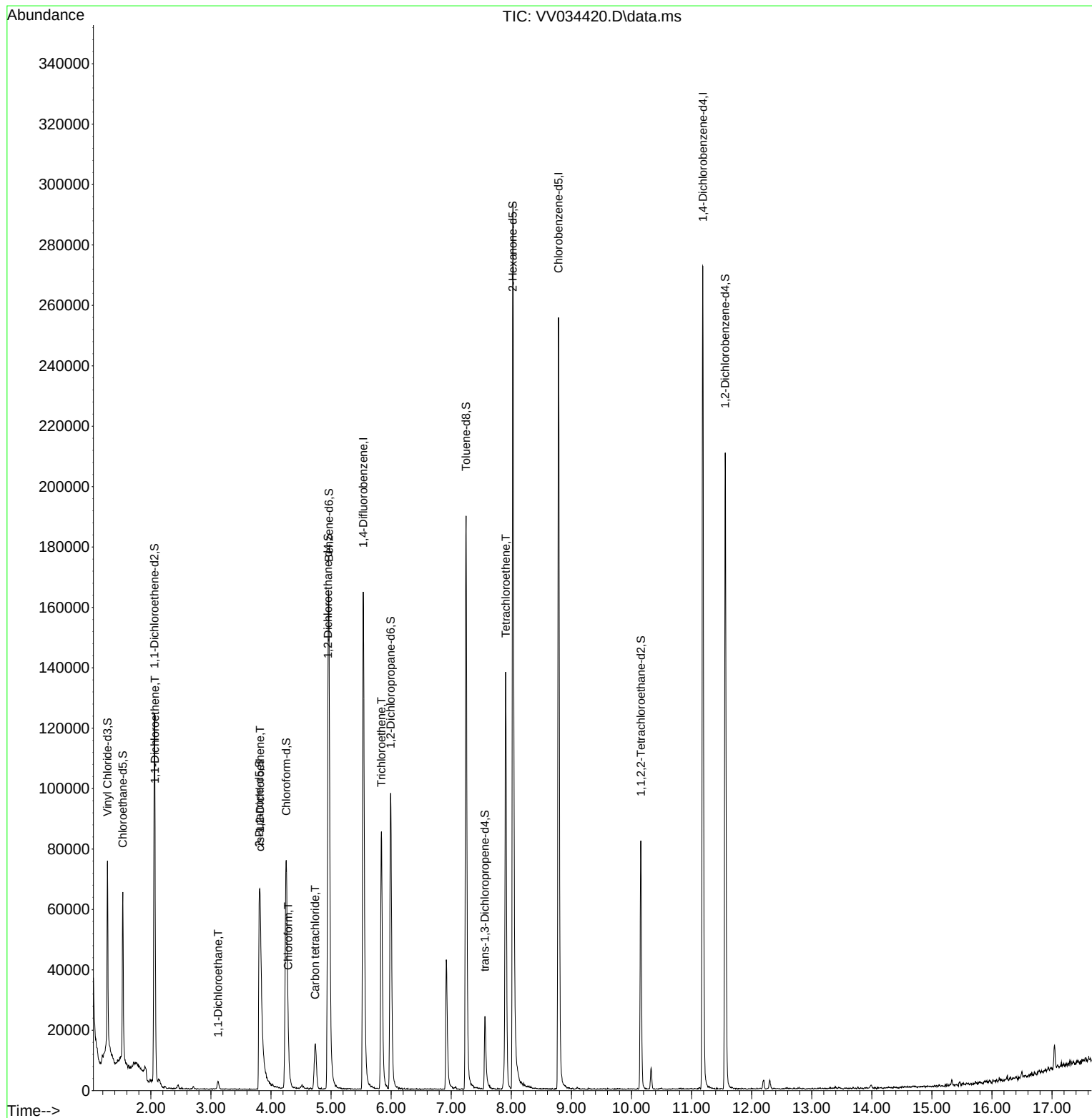
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	141976	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	136924	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	70412	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	38032	4.615	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	92.200%	
7) Chloroethane-d5	1.532	69	33988	4.669	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	93.400%	
11) 1,1-Dichloroethene-d2	2.060	65	17405	4.537	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	90.800%	
20) 2-Butanone-d5	3.805	46	118752	55.110	ug/L	-0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	110.220%	
24) Chloroform-d	4.252	84	80863	4.887	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.800%	
26) 1,2-Dichloroethane-d4	4.947	65	44261	5.256	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	105.200%	
32) Benzene-d6	4.963	84	145367	4.719	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	94.400%	
36) 1,2-Dichloropropane-d6	5.992	67	45398	4.936	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	98.800%	
41) Toluene-d8	7.246	98	127853	4.629	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	92.600%	
43) trans-1,3-Dichloroprop...	7.561	79	15757	4.599	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	92.000%	
46) 2-Hexanone-d5	8.024	63	106615	55.031	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	110.060%	
56) 1,1,2,2-Tetrachloroeth...	10.156	84	37500	5.151	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	103.000%	
66) 1,2-Dichlorobenzene-d4	11.561	152	53103	4.964	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	99.200%	
Target Compounds						
12) 1,1-Dichloroethene	2.069	96	6897	0.776	ug/L	# 1
19) 1,1-Dichloroethane	3.121	63	3000	0.172	ug/L	97
22) cis-1,2-Dichloroethene	3.818	96	9428	0.948	ug/L	92
25) Chloroform	4.285	83	9128	0.505	ug/L	90
31) Carbon tetrachloride	4.735	117	11779	0.792	ug/L	97
34) Trichloroethene	5.838	95	30539	3.086	ug/L	97
47) Tetrachloroethene	7.908	164	30330	3.907	ug/L	96

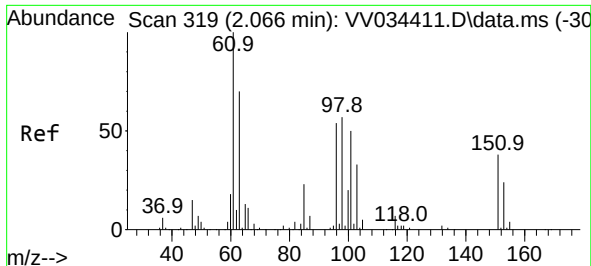
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Feb 27 05:05:59 2024
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#12

1,1-Dichloroethene

Concen: 0.776 ug/L

RT: 2.069 min Scan# 319

Delta R.T. 0.003 min

Lab File: VV034420.D

Acq: 26 Feb 2024 20:19

Instrument :

MSVOA_V

ClientSampleId :

C0AF5

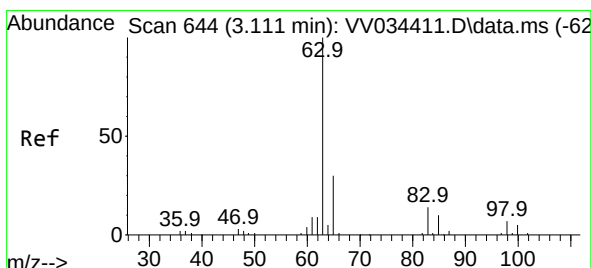
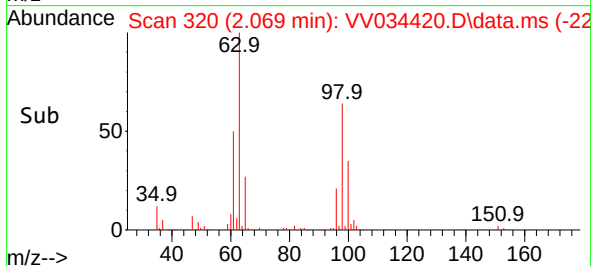
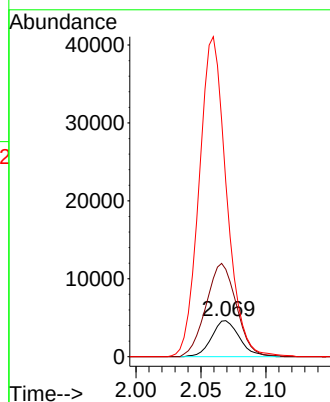
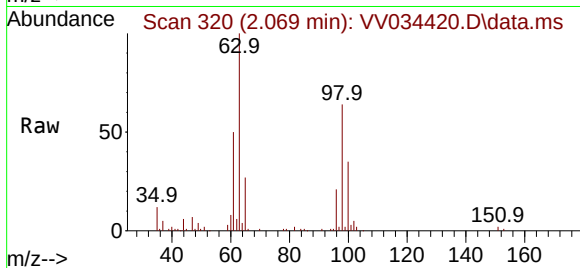
Tgt Ion: 96 Resp: 6897

Ion Ratio Lower Upper

96 100

61 242.7 131.3 243.8

63 484.6 102.8 191.0#



#19

1,1-Dichloroethane

Concen: 0.172 ug/L

RT: 3.121 min Scan# 647

Delta R.T. 0.010 min

Lab File: VV034420.D

Acq: 26 Feb 2024 20:19

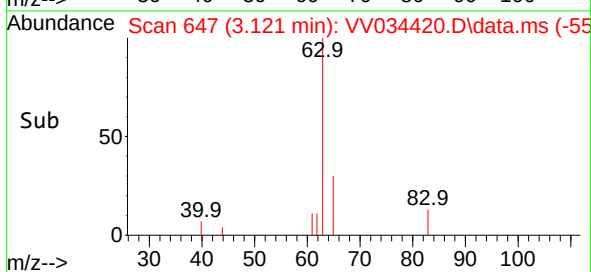
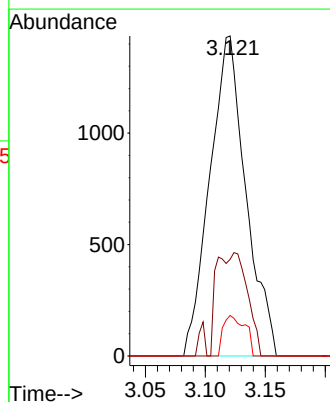
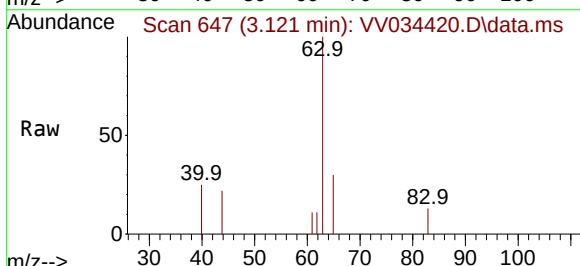
Tgt Ion: 63 Resp: 3000

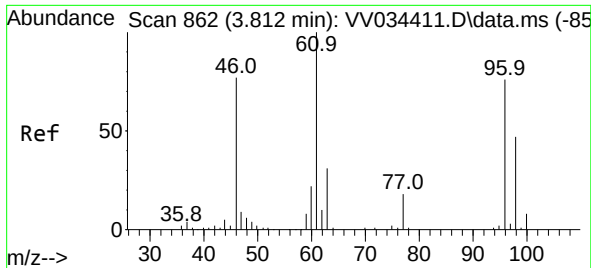
Ion Ratio Lower Upper

63 100

65 30.2 22.0 41.0

83 12.7 10.1 18.9

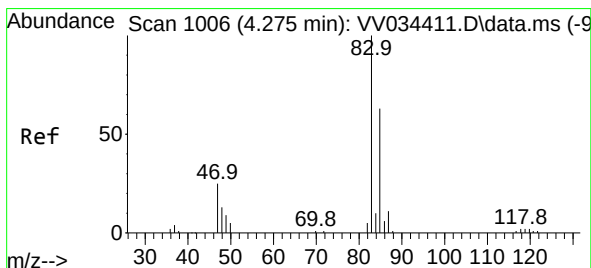
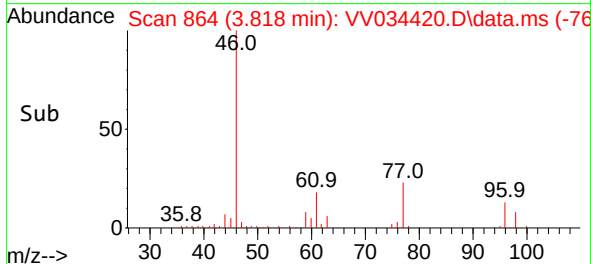
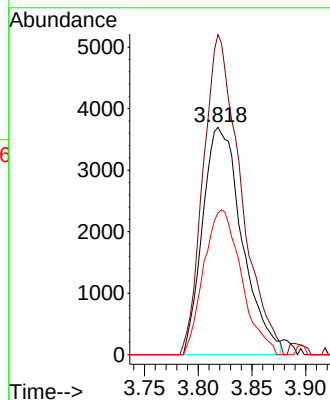
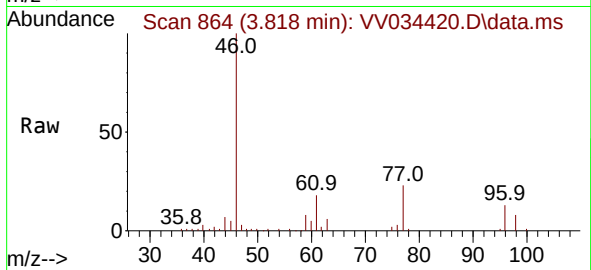




#22
 cis-1,2-Dichloroethene
 Concen: 0.948 ug/L
 RT: 3.818 min Scan# 862
 Delta R.T. 0.006 min
 Lab File: VV034420.D
 Acq: 26 Feb 2024 20:19

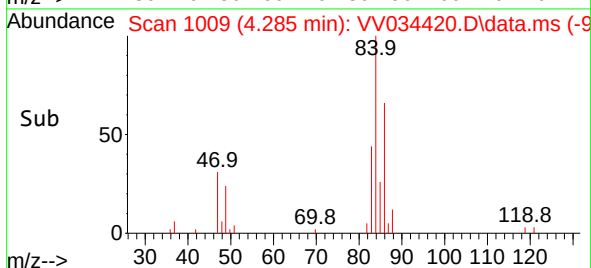
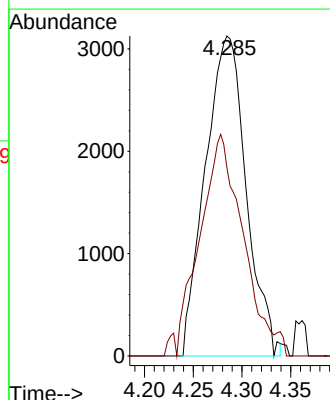
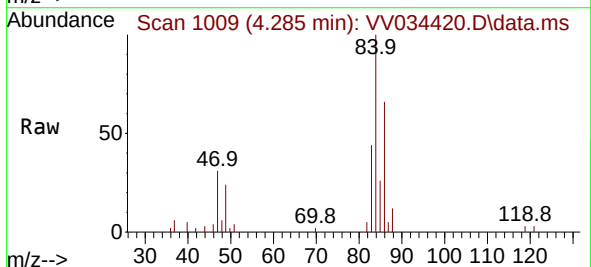
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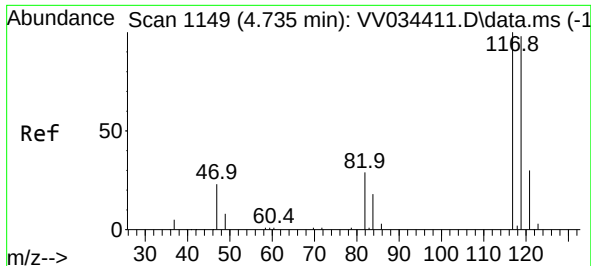
Tgt Ion: 96 Resp: 9428
 Ion Ratio Lower Upper
 96 100
 61 140.7 89.7 166.5
 98 62.3 42.0 78.0



#25
 Chloroform
 Concen: 0.505 ug/L
 RT: 4.285 min Scan# 1009
 Delta R.T. 0.010 min
 Lab File: VV034420.D
 Acq: 26 Feb 2024 20:19

Tgt Ion: 83 Resp: 9128
 Ion Ratio Lower Upper
 83 100
 85 58.8 47.0 87.4

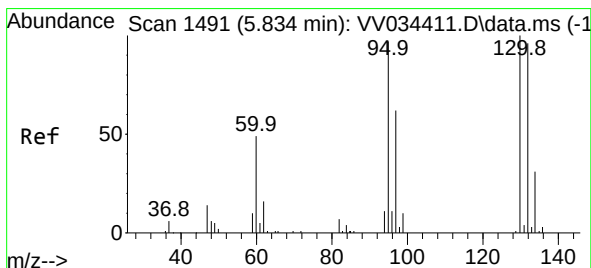
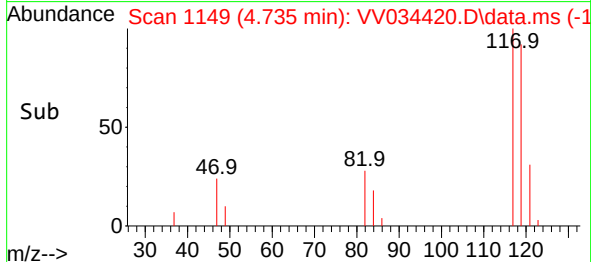
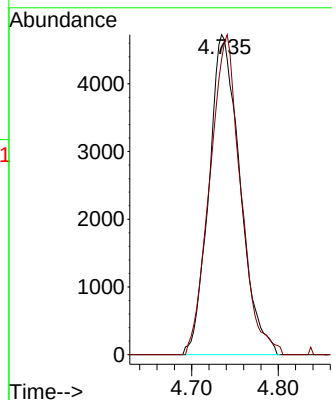
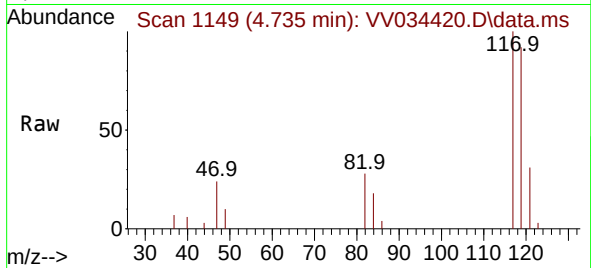




#31
Carbon tetrachloride
Concen: 0.792 ug/L
RT: 4.735 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VV034420.D
Acq: 26 Feb 2024 20:19

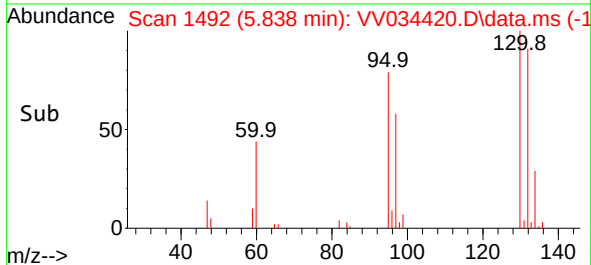
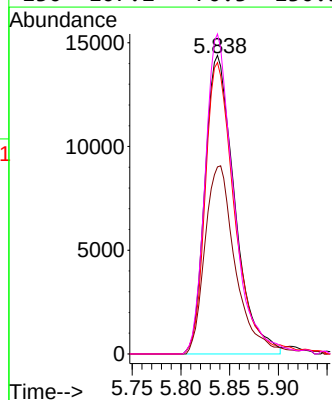
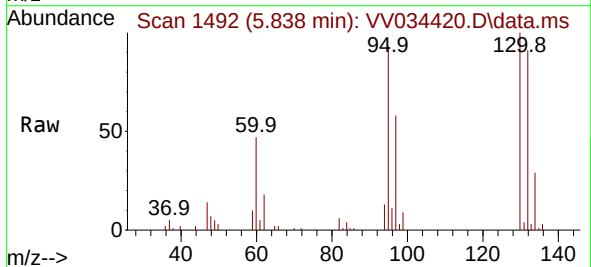
Instrument :
MSVOA_V
ClientSampleId :
C0AF5

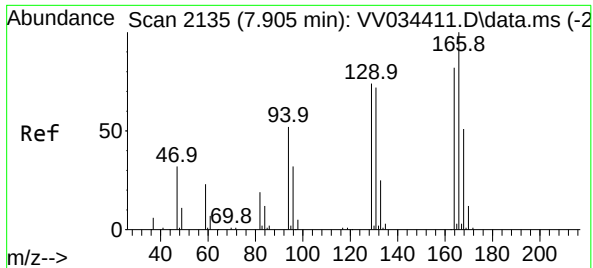
Tgt Ion:117 Resp: 11779
Ion Ratio Lower Upper
117 100
119 99.1 77.0 115.6



#34
Trichloroethene
Concen: 3.086 ug/L
RT: 5.838 min Scan# 1492
Delta R.T. 0.003 min
Lab File: VV034420.D
Acq: 26 Feb 2024 20:19

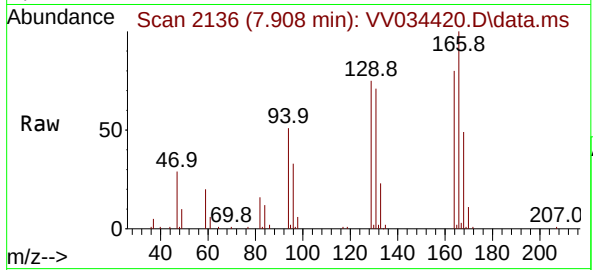
Tgt Ion: 95 Resp: 30539
Ion Ratio Lower Upper
95 100
97 62.6 43.3 80.5
132 97.6 67.8 126.0
130 107.2 70.3 130.5





#47
 Tetrachloroethene
 Concen: 3.907 ug/L
 RT: 7.908 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV034420.D
 Acq: 26 Feb 2024 20:19

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AF5



Tgt Ion:	164	Resp:	30330
Ion	Ratio	Lower	Upper
164	100		
129	93.1	64.2	119.2
131	88.4	65.9	122.3
166	124.5	89.9	166.9

