

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV022124\
 Data File : VV034328.D
 Acq On : 21 Feb 2024 18:47
 Operator : SY/MD
 Sample : P1498-06
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AE5

Quant Time: Feb 22 00:24:23 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR012524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Feb 22 00:18:57 2024
 Response via : Initial Calibration

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

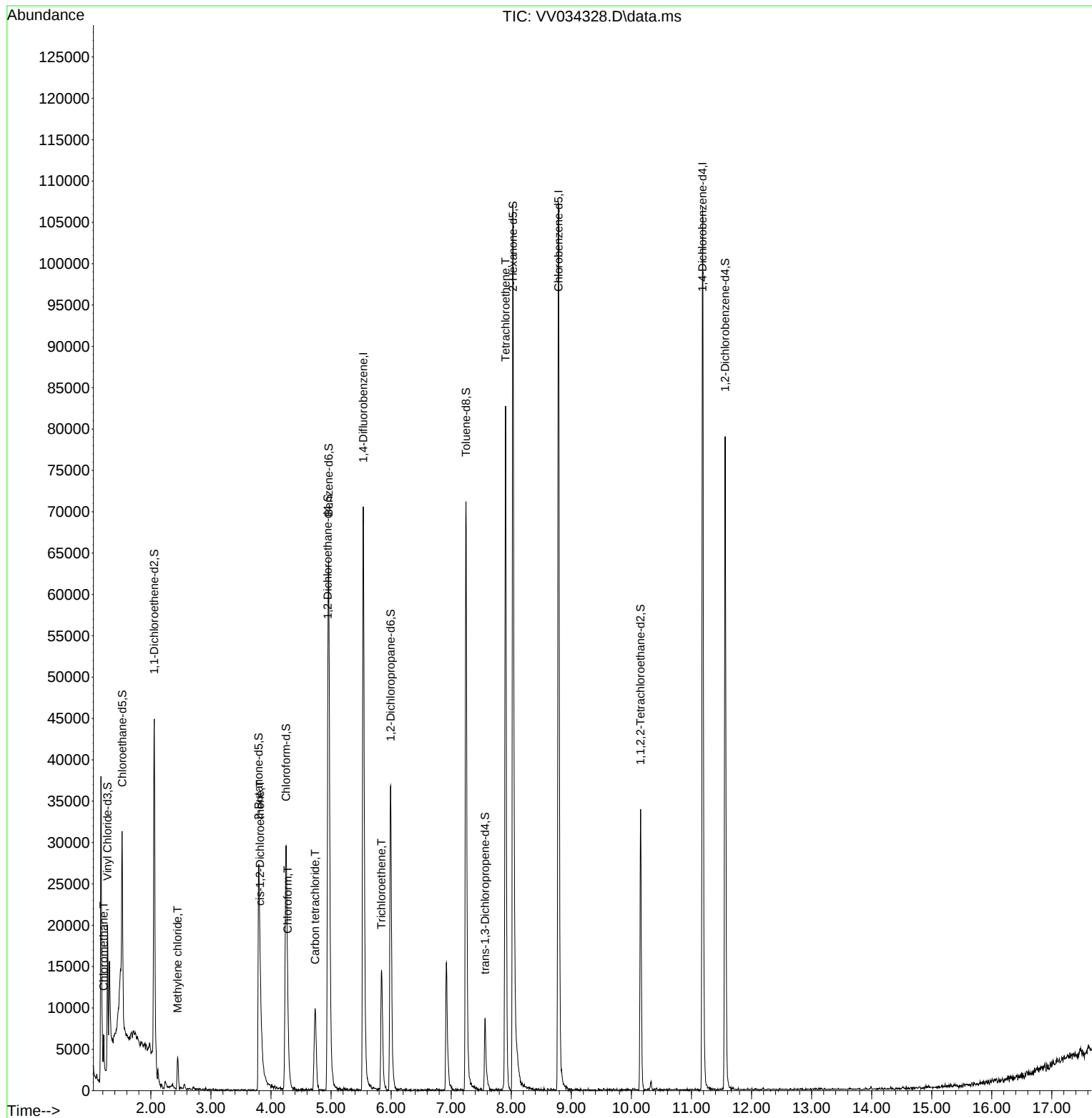
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	61815	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	59316	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	27971	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	12645	2.641	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	52.800%	
7) Chloroethane-d5	1.523	69	11521	2.747	ug/L	-0.01
Spiked Amount	5.000	Range 65 - 130	Recovery	=	55.000%#	
11) 1,1-Dichloroethene-d2	2.056	65	6310	2.733	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	54.600%#	
20) 2-Butanone-d5	3.796	46	49140	61.117	ug/L	-0.04
Spiked Amount	50.000	Range 40 - 130	Recovery	=	122.240%	
24) Chloroform-d	4.249	84	31343	3.603	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	72.000%	
26) 1,2-Dichloroethane-d4	4.947	65	18895	4.648	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	93.000%	
32) Benzene-d6	4.960	84	55463	3.117	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	62.400%#	
36) 1,2-Dichloropropane-d6	5.992	67	17459	3.510	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	70.200%	
41) Toluene-d8	7.246	98	48727	2.979	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	59.600%#	
43) trans-1,3-Dichloroprop...	7.564	79	5828	3.103	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	62.000%	
46) 2-Hexanone-d5	8.027	63	37490	55.909	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	111.820%	
56) 1,1,2,2-Tetrachloroeth...	10.153	84	15167	5.029	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	100.600%	
66) 1,2-Dichlorobenzene-d4	11.561	152	19932	3.918	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	78.400%#	
Target Compounds						
					Qvalue	
3) Chloromethane	1.214	50	2944	0.476	ug/L	88
16) Methylene chloride	2.446	84	1608	0.388	ug/L	92
22) cis-1,2-Dichloroethene	3.818	96	1031	0.207	ug/L	95
25) Chloroform	4.278	83	4032	0.494	ug/L	91
31) Carbon tetrachloride	4.735	117	7743	1.111	ug/L	98
34) Trichloroethene	5.838	95	5550	1.078	ug/L	93
47) Tetrachloroethene	7.905	164	16992	4.062	ug/L	96

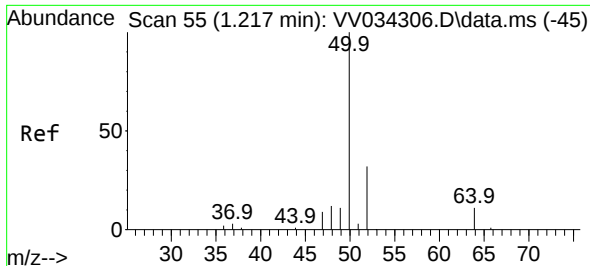
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Feb 22 00:18:57 2024
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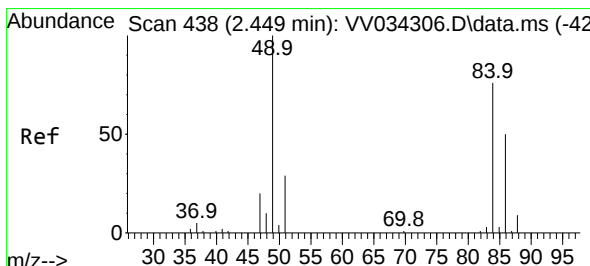
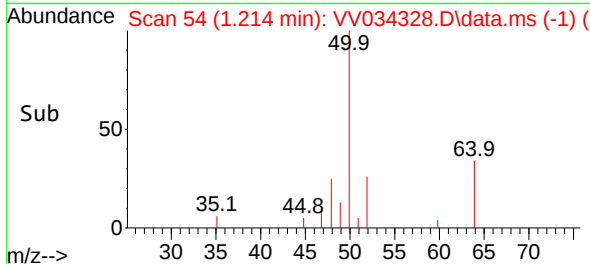
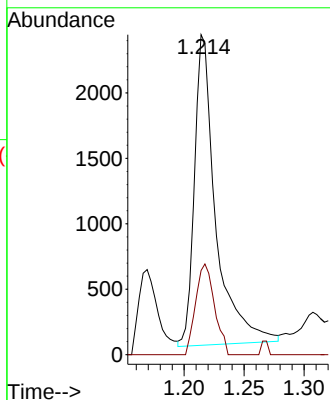
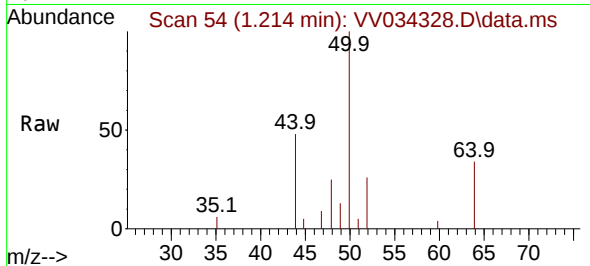




#3
Chloromethane
Concen: 0.476 ug/L
RT: 1.214 min Scan# 54
Delta R.T. -0.003 min
Lab File: VV034328.D
Acq: 21 Feb 2024 18:47

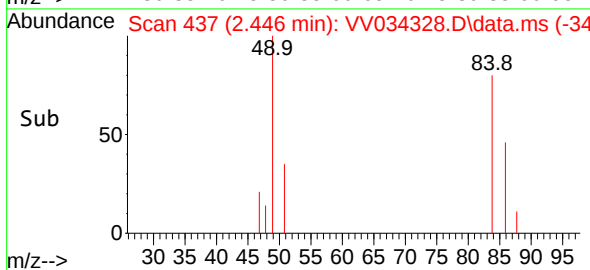
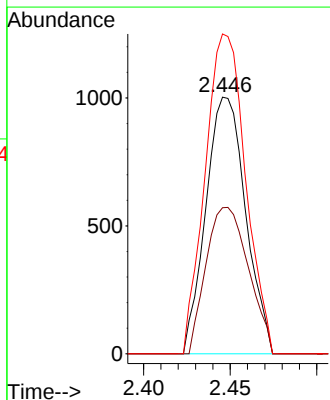
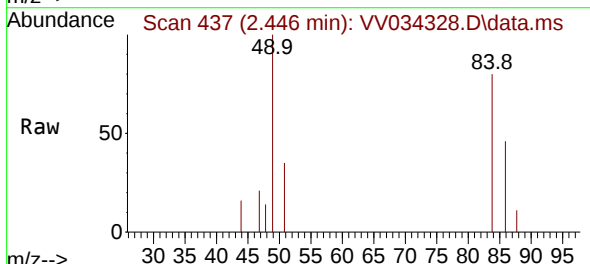
Instrument :
MSVOA_V
ClientSampleId :
C0AE5

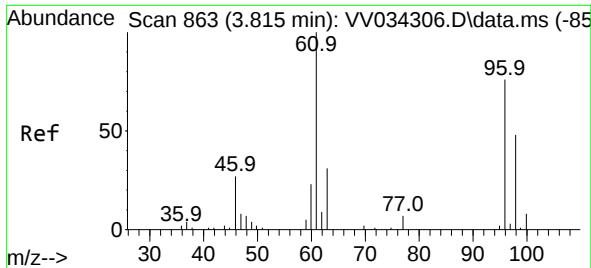
Tgt Ion: 50 Resp: 2944
Ion Ratio Lower Upper
50 100
52 26.3 23.4 43.4



#16
Methylene chloride
Concen: 0.388 ug/L
RT: 2.446 min Scan# 437
Delta R.T. -0.003 min
Lab File: VV034328.D
Acq: 21 Feb 2024 18:47

Tgt Ion: 84 Resp: 1608
Ion Ratio Lower Upper
84 100
86 56.9 44.7 83.1
49 124.6 93.7 173.9

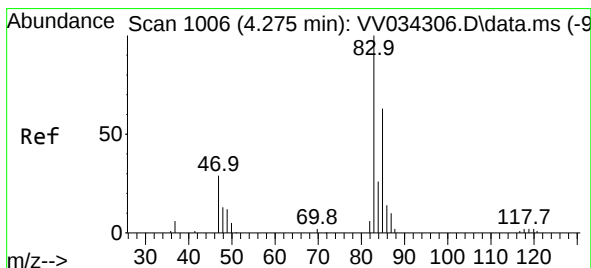
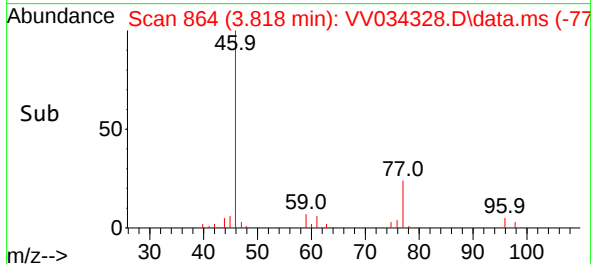
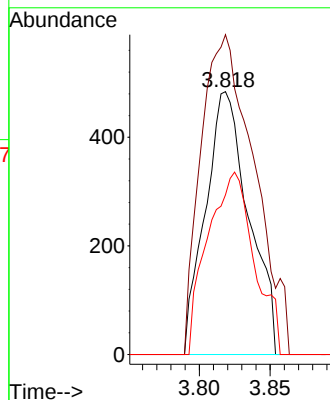
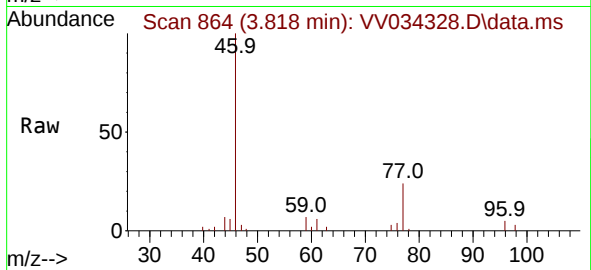




#22
 cis-1,2-Dichloroethene
 Concen: 0.207 ug/L
 RT: 3.818 min Scan# 863
 Delta R.T. 0.003 min
 Lab File: VV034328.D
 Acq: 21 Feb 2024 18:47

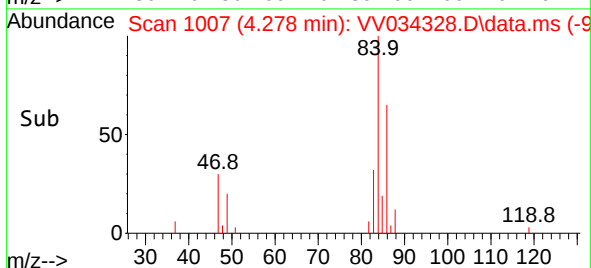
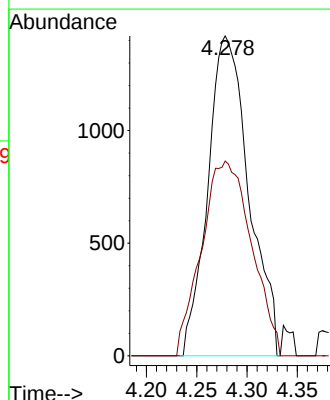
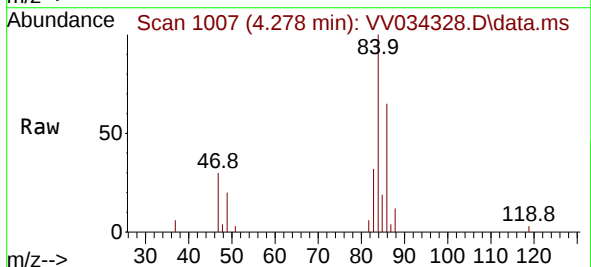
Instrument :
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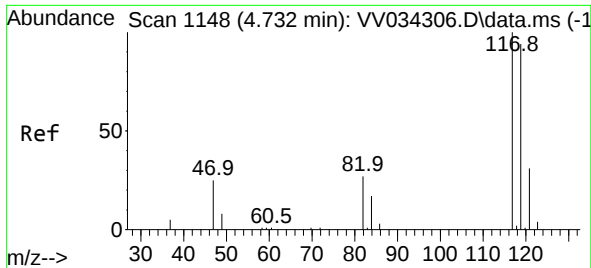
Tgt Ion: 96 Resp: 1031
 Ion Ratio Lower Upper
 96 100
 61 121.7 90.3 167.7
 98 60.7 43.2 80.2



#25
 Chloroform
 Concen: 0.494 ug/L
 RT: 4.278 min Scan# 1007
 Delta R.T. 0.003 min
 Lab File: VV034328.D
 Acq: 21 Feb 2024 18:47

Tgt Ion: 83 Resp: 4032
 Ion Ratio Lower Upper
 83 100
 85 60.9 47.5 88.1

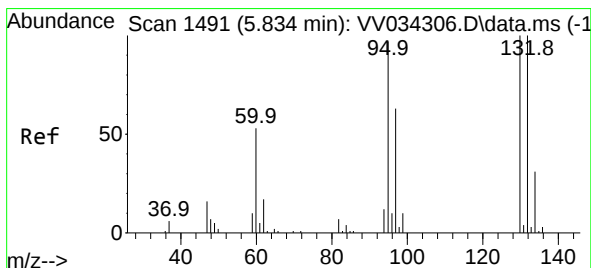
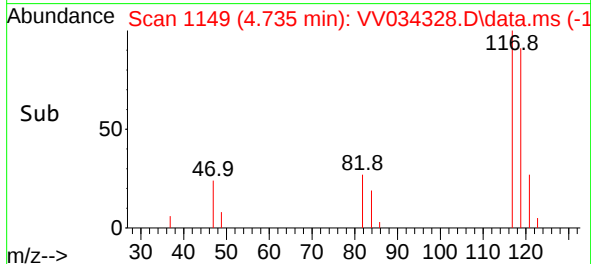
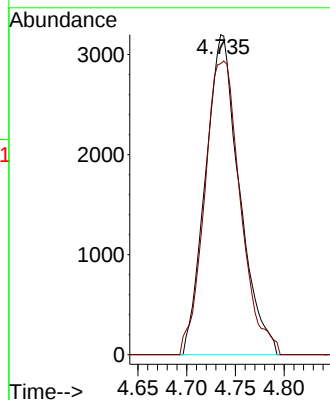
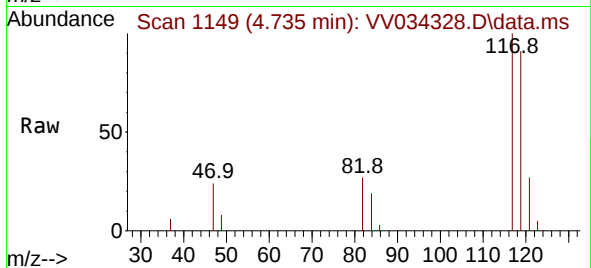




#31
Carbon tetrachloride
Concen: 1.111 ug/L
RT: 4.735 min Scan# 1148
Delta R.T. 0.003 min
Lab File: VV034328.D
Acq: 21 Feb 2024 18:47

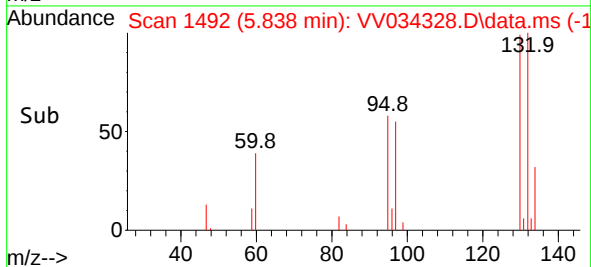
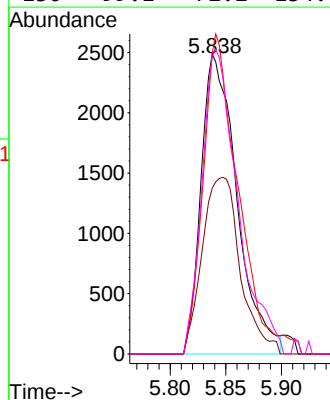
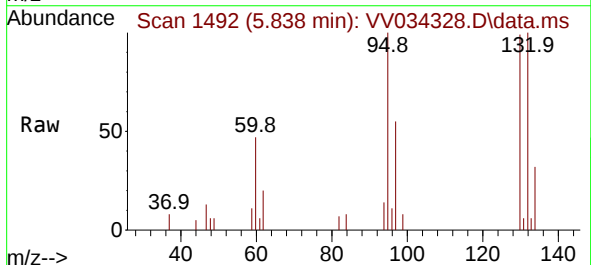
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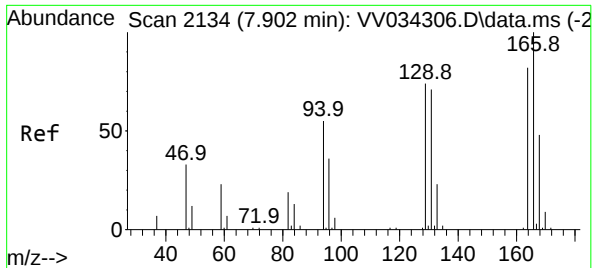
Tgt Ion:117 Resp: 7743
Ion Ratio Lower Upper
117 100
119 96.9 76.1 114.1



#34
Trichloroethene
Concen: 1.078 ug/L
RT: 5.838 min Scan# 1492
Delta R.T. 0.003 min
Lab File: VV034328.D
Acq: 21 Feb 2024 18:47

Tgt Ion: 95 Resp: 5550
Ion Ratio Lower Upper
95 100
97 55.3 45.1 83.7
132 100.1 66.0 122.6
130 99.1 72.2 134.0





#47
 Tetrachloroethene
 Concen: 4.062 ug/L
 RT: 7.905 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV034328.D
 Acq: 21 Feb 2024 18:47

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AE5

Tgt Ion:164	Resp:	16992
Ion	Ratio	Lower Upper
164	100	
129	98.9	67.8 125.8
131	91.9	63.0 117.0
166	139.9	92.6 172.0

