

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101121\
 Data File : VW022722.D
 Acq On : 11 Oct 2021 12:17
 Operator : SY/MD
 Sample : M4022-20DL 5X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AZ9DL

Quant Time: Oct 12 03:39:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 12 03:20:38 2021
 Response via : Initial Calibration

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

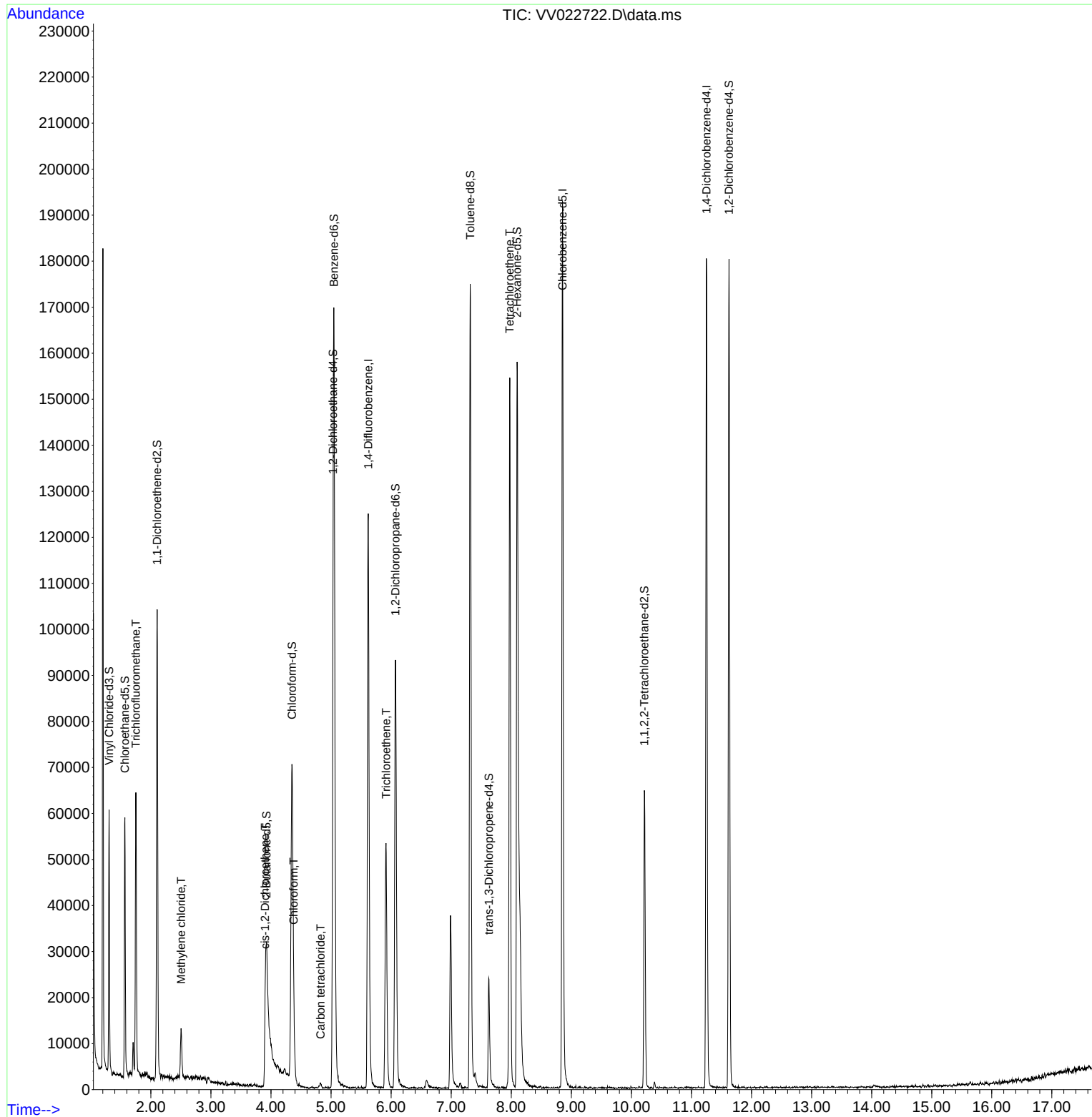
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	109677	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	111704	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	49976	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	34880	4.622	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.400%
7) Chloroethane-d5	1.568	69	32860	4.846	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.000%
11) 1,1-Dichloroethene-d2	2.105	63	51751	3.496	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.000%
20) 2-Butanone-d5	3.924	46	81729	41.307	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.620%
24) Chloroform-d	4.349	84	70898	4.559	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.200%
26) 1,2-Dichloroethane-d4	5.034	65	37679	4.992	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.800%
32) Benzene-d6	5.050	84	145333	4.370	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.400%
36) 1,2-Dichloropropane-d6	6.072	67	47194	4.792	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.800%
41) Toluene-d8	7.317	98	117883	4.101	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.000%
43) trans-1,3-Dichloroprop...	7.628	79	13949	4.270	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.400%
46) 2-Hexanone-d5	8.098	63	64427	48.937	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.880%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	32249	4.834	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.600%
66) 1,2-Dichlorobenzene-d4	11.625	152	47528	5.129	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.600%
Target Compounds						
					Qvalue	
9) Trichlorofluoromethane	1.751	101	34889	2.869	ug/L	99
16) Methylene chloride	2.503	84	4151	0.455	ug/L	99
22) cis-1,2-Dichloroethene	3.902	96	1995	0.264	ug/L	97
25) Chloroform	4.378	83	9280	0.617	ug/L	94
31) Carbon tetrachloride	4.825	117	844	0.076	ug/L	92
34) Trichloroethene	5.915	95	17293	2.114	ug/L	99
47) Tetrachloroethene	7.976	164	35159	5.314	ug/L	98

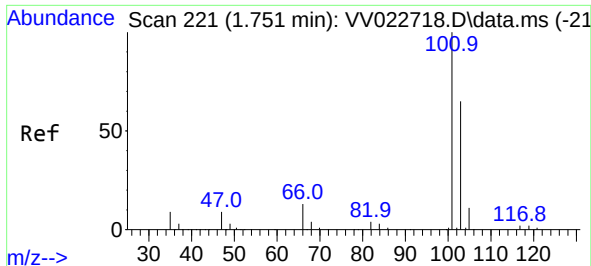
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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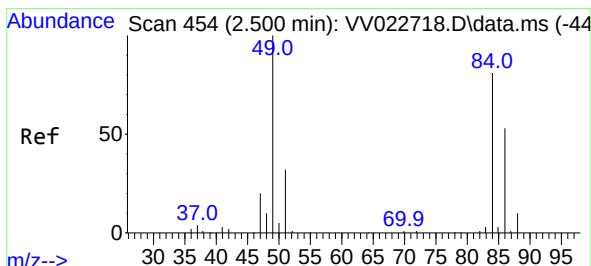
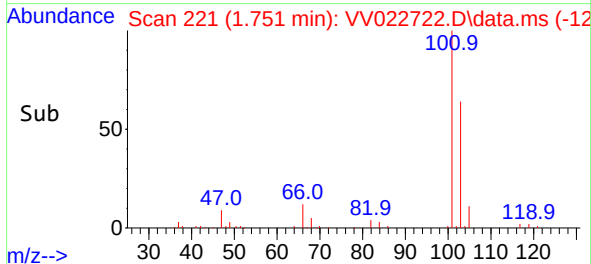
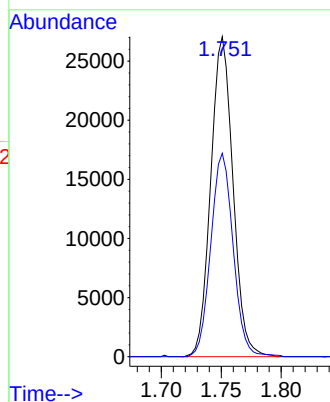
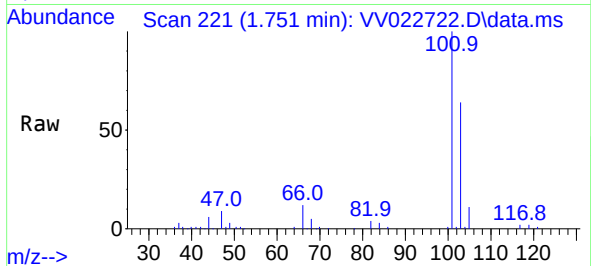




#9
Trichlorofluoromethane
Concen: 2.869 ug/L
RT: 1.751 min Scan# 221
Delta R.T. 0.000 min
Lab File: VV022722.D
Acq: 11 Oct 2021 12:17

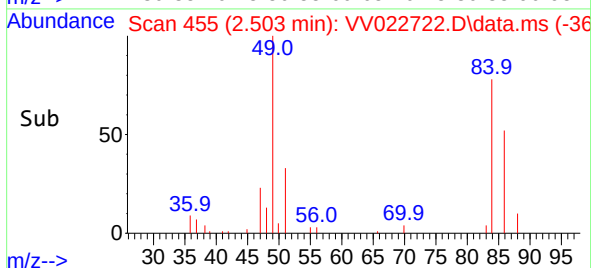
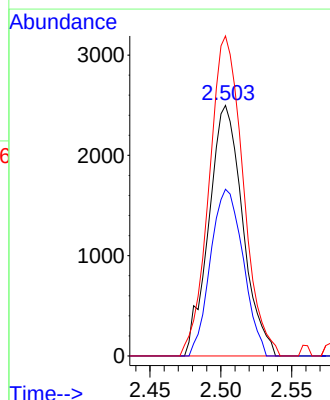
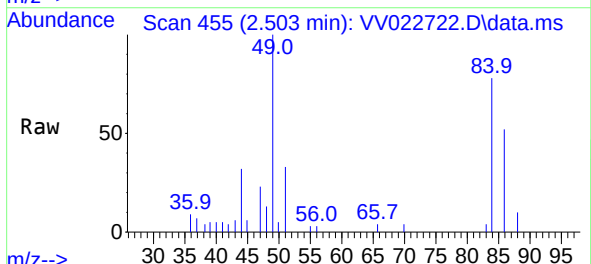
Instrument :
MSVOA_V
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C0AZ9DL

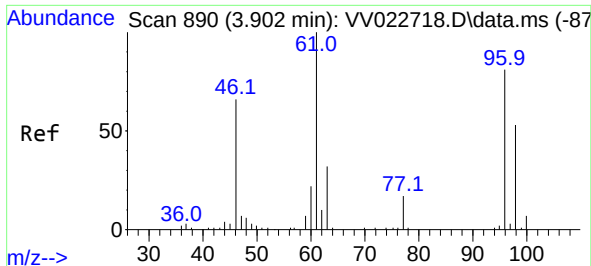
Tgt Ion:101 Resp: 34889
Ion Ratio Lower Upper
101 100
103 63.9 50.3 75.5



#16
Methylene chloride
Concen: 0.455 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.003 min
Lab File: VV022722.D
Acq: 11 Oct 2021 12:17

Tgt Ion: 84 Resp: 4151
Ion Ratio Lower Upper
84 100
86 66.5 45.8 85.2
49 127.7 90.3 167.7

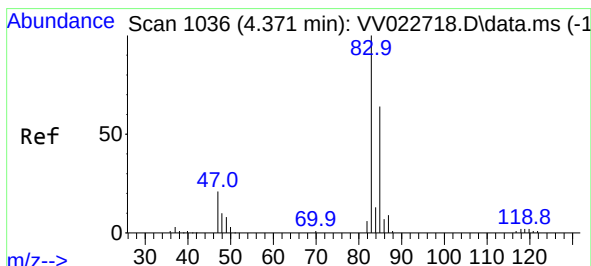
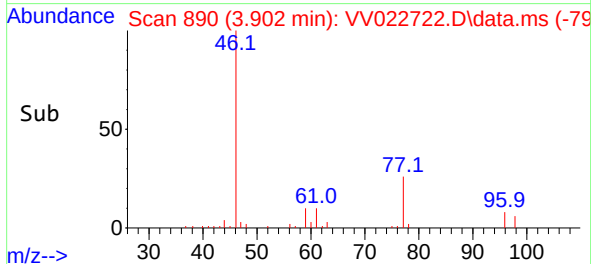
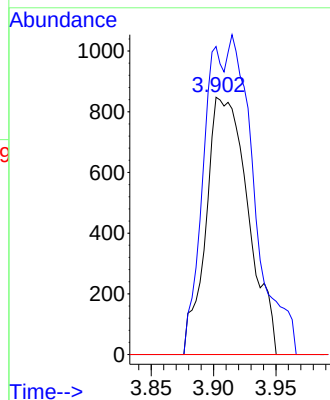
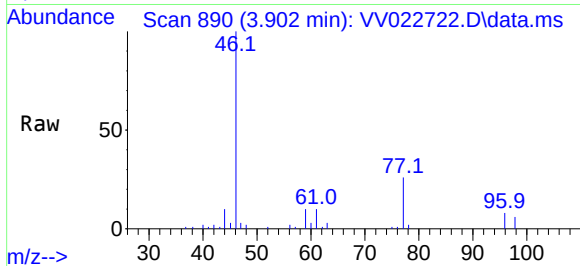




#22
cis-1,2-Dichloroethene
Concen: 0.264 ug/L
RT: 3.902 min Scan# 890
Delta R.T. 0.000 min
Lab File: VV022722.D
Acq: 11 Oct 2021 12:17

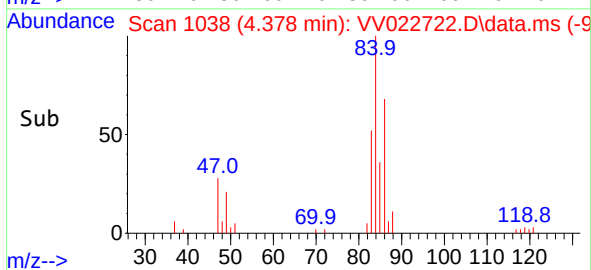
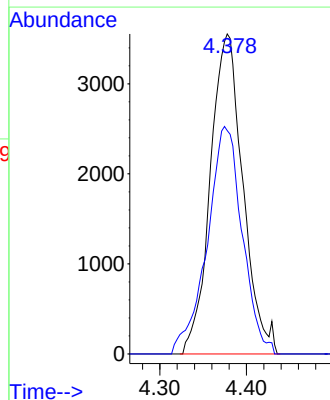
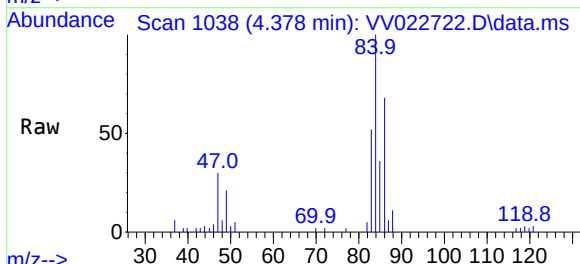
Instrument :
MSVOA_V
ClientSampleId :
C0AZ9DL

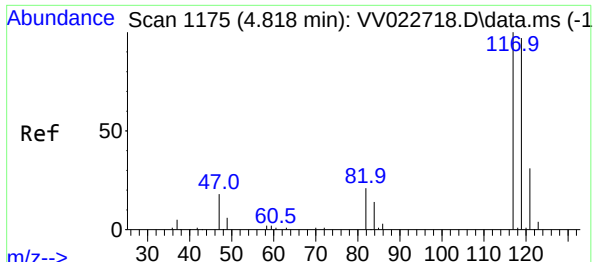
Tgt Ion:	96	Resp:	1995
Ion	Ratio	Lower	Upper
96	100		
61	119.7	86.0	159.6
68	0.0	0.0	0.0



#25
Chloroform
Concen: 0.617 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VV022722.D
Acq: 11 Oct 2021 12:17

Tgt Ion:	83	Resp:	9280
Ion	Ratio	Lower	Upper
83	100		
85	69.8	45.7	84.9

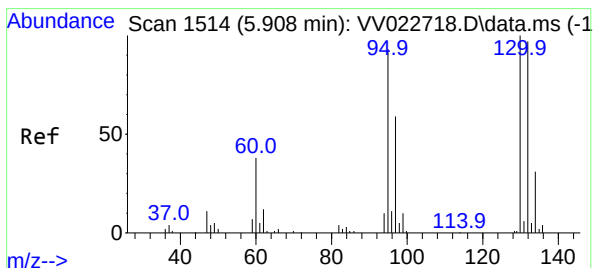
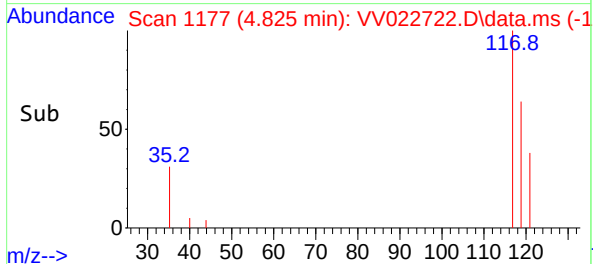
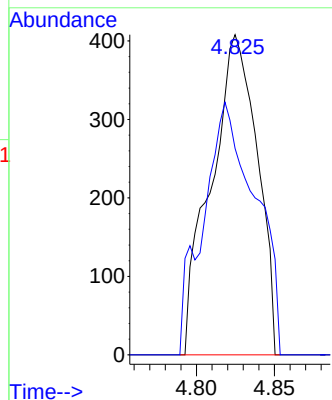
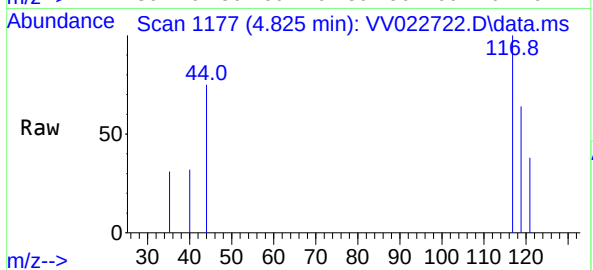




#31
Carbon tetrachloride
Concen: 0.076 ug/L
RT: 4.825 min Scan# 1177
Delta R.T. 0.006 min
Lab File: VV022722.D
Acq: 11 Oct 2021 12:17

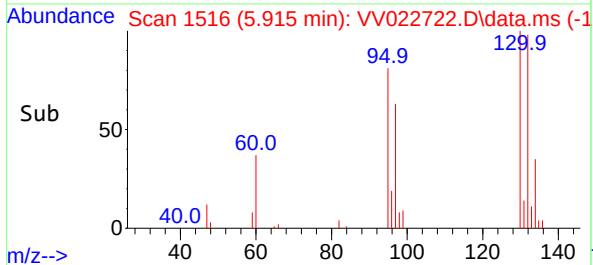
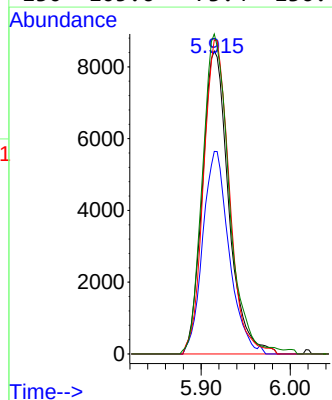
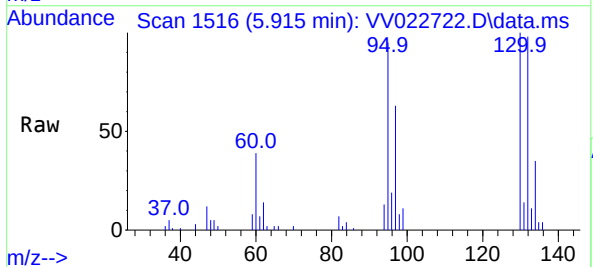
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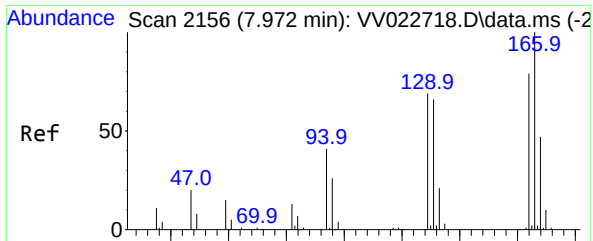
Tgt Ion:117 Resp: 844
Ion Ratio Lower Upper
117 100
119 89.0 77.4 116.0



#34
Trichloroethene
Concen: 2.114 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.006 min
Lab File: VV022722.D
Acq: 11 Oct 2021 12:17

Tgt Ion: 95 Resp: 17293
Ion Ratio Lower Upper
95 100
97 66.9 45.8 85.2
132 103.6 72.2 134.0
130 105.6 73.4 136.4





#47
 Tetrachloroethene
 Concen: 5.314 ug/L
 RT: 7.976 min Scan# 2157
 Delta R.T. 0.003 min
 Lab File: VV022722.D
 Acq: 11 Oct 2021 12:17

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AZ9DL

Tgt Ion:164 Resp: 35159

Ion	Ratio	Lower	Upper
164	100		
129	92.8	65.0	120.6
131	85.8	62.2	115.4
166	130.6	89.2	165.8

