

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040622\
 Data File : VV025371.D
 Acq On : 06 Apr 2022 18:09
 Operator : SY/MD
 Sample : N2291-05
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0B32

Quant Time: Apr 07 01:28:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 07 01:24:47 2022
 Response via : Initial Calibration

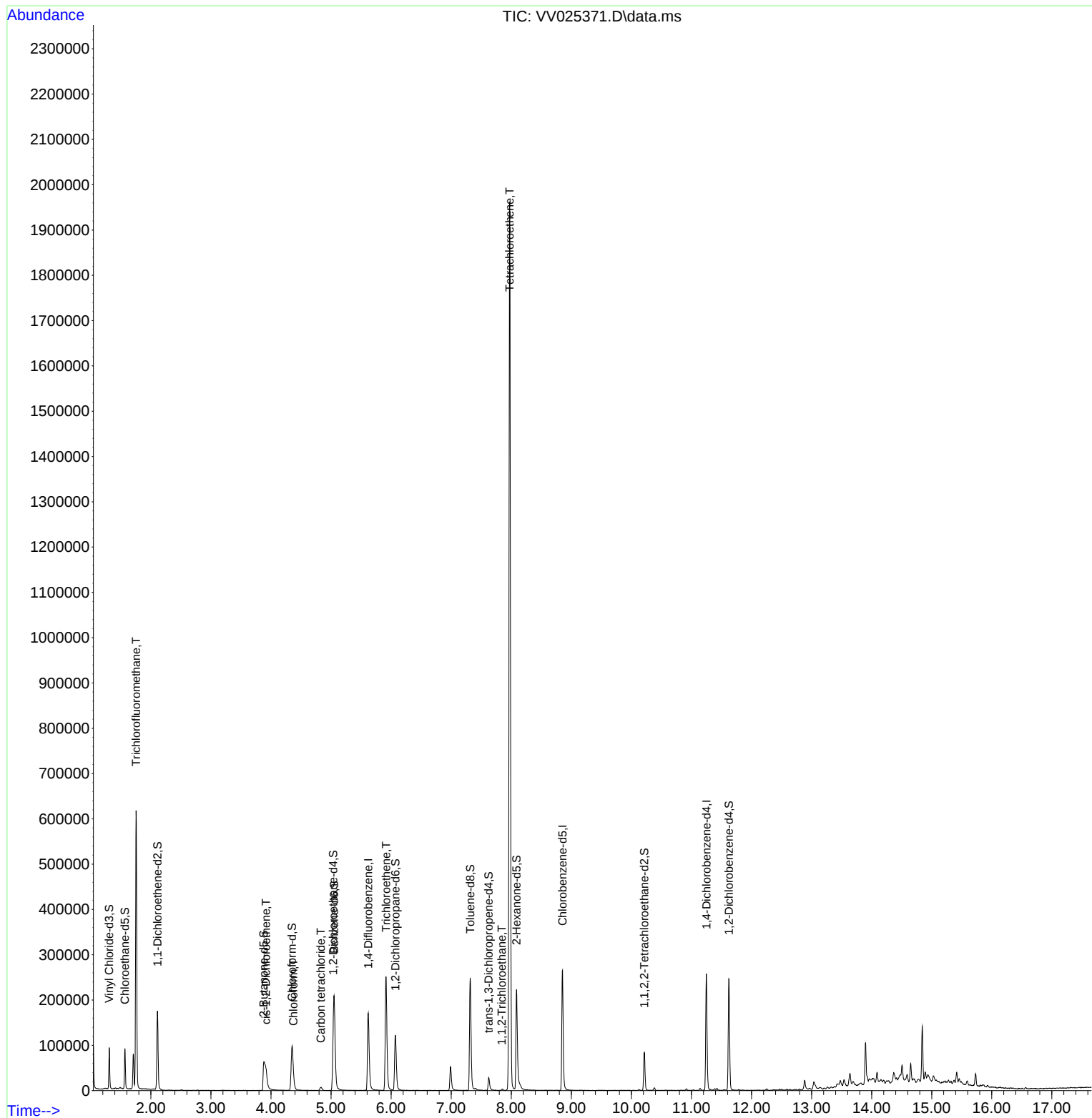
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	155309	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	149891	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	68034	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	56562	3.899	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	78.000%	
7) Chloroethane-d5	1.568	69	56229	4.618	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	92.400%	
11) 1,1-Dichloroethene-d2	2.111	63	91798	2.921	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	58.400%#	
20) 2-Butanone-d5	3.879	46	92994	64.352	ug/L	-0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	128.700%	
24) Chloroform-d	4.352	84	101823	5.378	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	107.600%	
26) 1,2-Dichloroethane-d4	5.037	65	45772	5.470	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	109.400%	
32) Benzene-d6	5.053	84	200418	5.285	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	105.800%	
36) 1,2-Dichloropropane-d6	6.072	67	60276	5.672	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	113.400%	
41) Toluene-d8	7.316	98	167474	4.815	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	96.200%	
43) trans-1,3-Dichloroprop...	7.625	79	17721	5.111	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	102.200%	
46) 2-Hexanone-d5	8.088	63	79243	63.286	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	126.580%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	40889	5.770	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	115.400%	
66) 1,2-Dichlorobenzene-d4	11.625	152	63546	5.816	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	116.400%	
Target Compounds						
					Qvalue	
9) Trichlorofluoromethane	1.754	101	351254	12.715	ug/L	100
22) cis-1,2-Dichloroethene	3.918	96	18934	1.661	ug/L	98
25) Chloroform	4.375	83	5966	0.287	ug/L	93
31) Carbon tetrachloride	4.831	117	5482	0.349	ug/L	97
34) Trichloroethene	5.915	95	87821	7.274	ug/L	97
45) 1,1,2-Trichloroethane	7.844	97	1126	0.161	ug/L	85
47) Tetrachloroethene	7.976	164	427944	48.071	ug/L	96

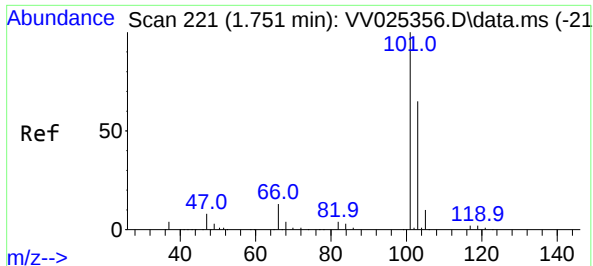
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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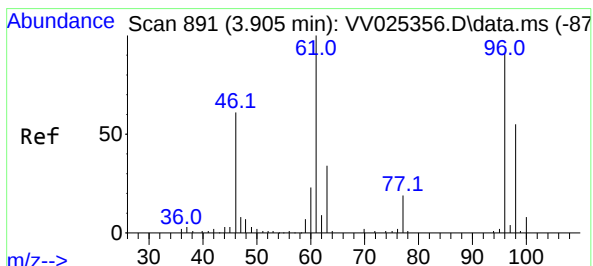
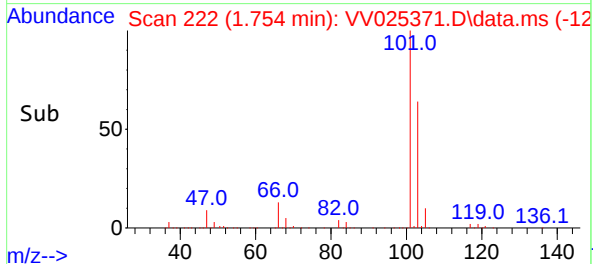
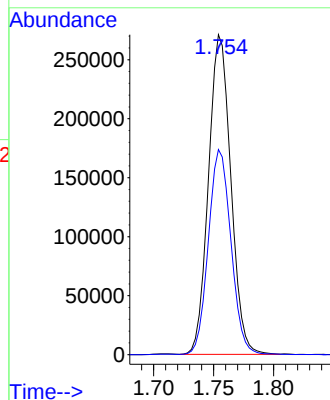
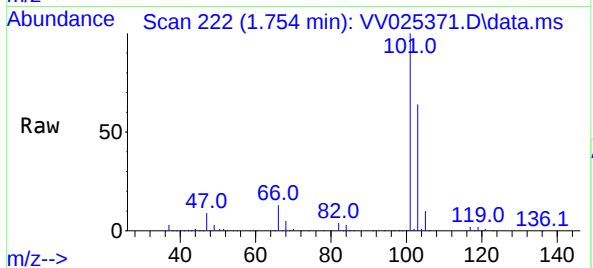




#9
Trichlorofluoromethane
Concen: 12.715 ug/L
RT: 1.754 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV025371.D
Acq: 06 Apr 2022 18:09

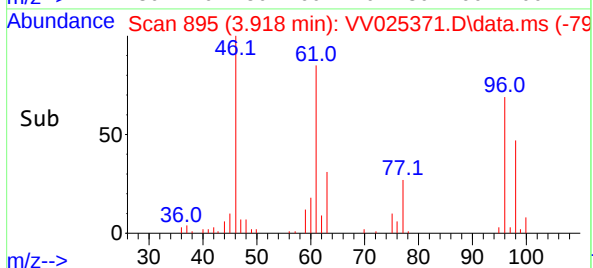
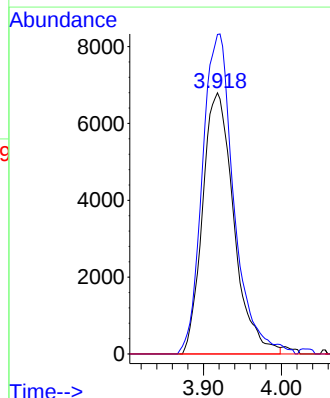
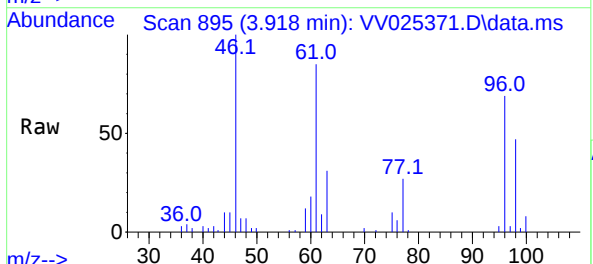
Instrument :
MSVOA_V
ClientSampleId :
C0B32

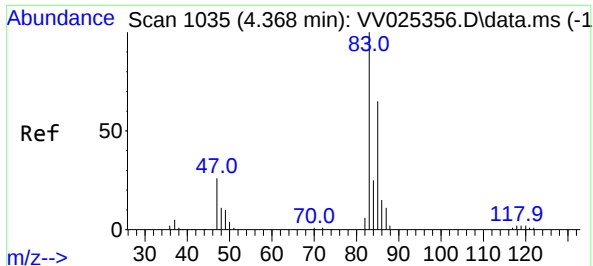
Tgt Ion:101 Resp: 351254
Ion Ratio Lower Upper
101 100
103 65.1 52.2 78.2



#22
cis-1,2-Dichloroethene
Concen: 1.661 ug/L
RT: 3.918 min Scan# 895
Delta R.T. 0.013 min
Lab File: VV025371.D
Acq: 06 Apr 2022 18:09

Tgt Ion: 96 Resp: 18934
Ion Ratio Lower Upper
96 100
61 122.3 84.1 156.1
68 0.0 0.0 0.0





#25

Chloroform

Concen: 0.287 ug/L

RT: 4.375 min Scan# 1179

Delta R.T. 0.006 min

Lab File: VV025371.D

Acq: 06 Apr 2022 18:09

Instrument :

MSVOA_V

ClientSampleId :

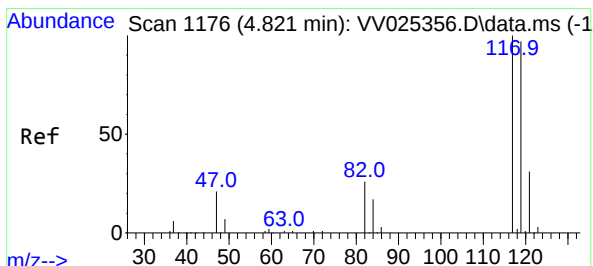
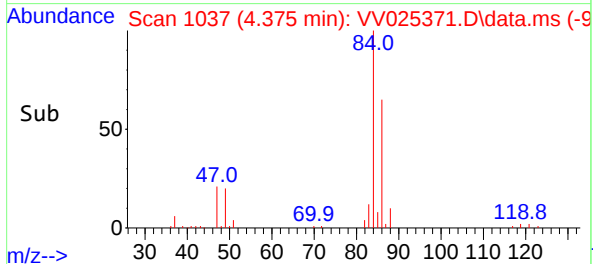
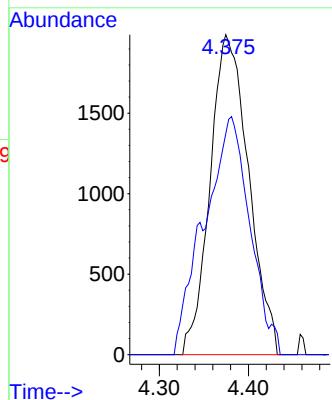
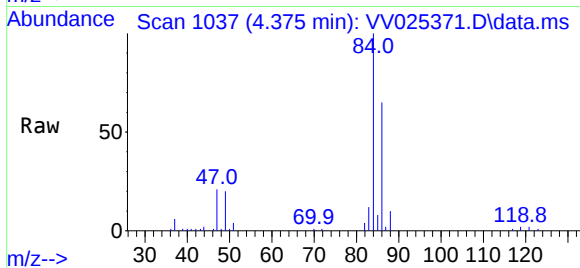
C0B32

Tgt Ion: 83 Resp: 5966

Ion Ratio Lower Upper

83 100

85 69.1 44.7 82.9



#31

Carbon tetrachloride

Concen: 0.349 ug/L

RT: 4.831 min Scan# 1179

Delta R.T. 0.010 min

Lab File: VV025371.D

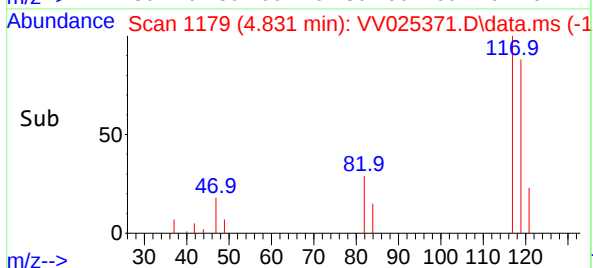
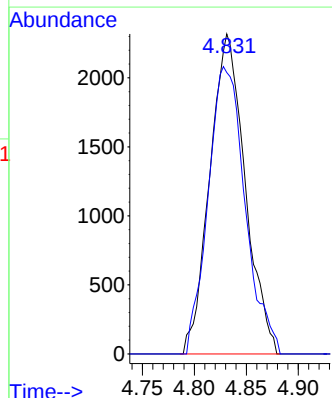
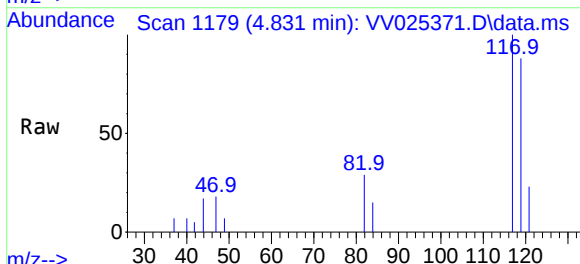
Acq: 06 Apr 2022 18:09

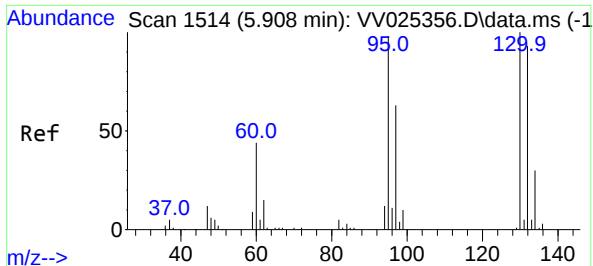
Tgt Ion: 117 Resp: 5482

Ion Ratio Lower Upper

117 100

119 93.9 77.8 116.6



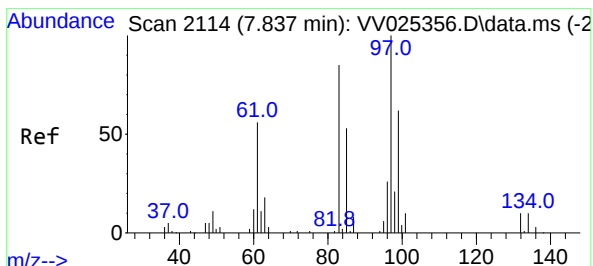
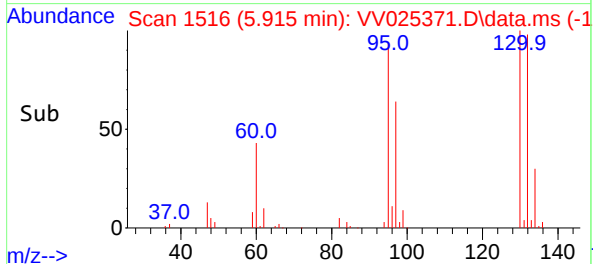
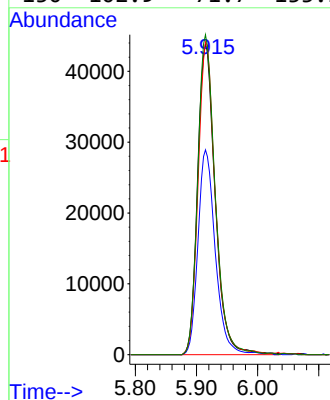
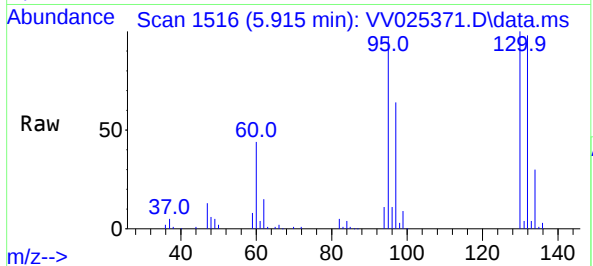


#34
Trichloroethene
Concen: 7.274 ug/L
RT: 5.915 min Scan# 11
Delta R.T. 0.006 min
Lab File: VV025371.D
Acq: 06 Apr 2022 18:09

Instrument :
MSVOA_V
ClientSampleId :
C0B32

Tgt Ion: 95 Resp: 87821

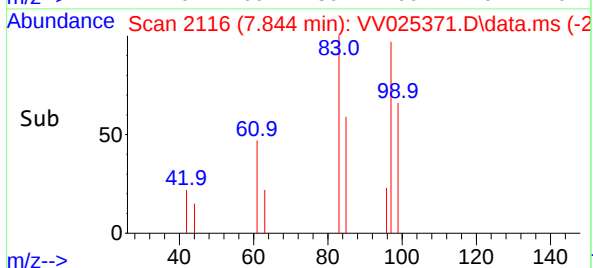
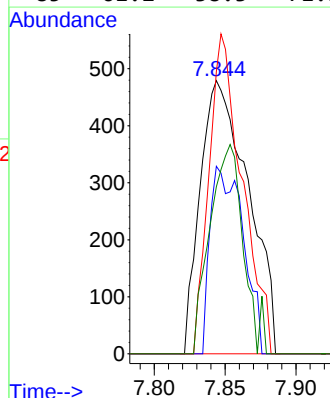
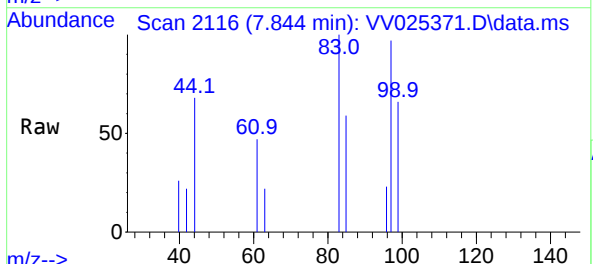
Ion	Ratio	Lower	Upper
95	100		
97	65.8	46.3	85.9
132	100.6	65.2	121.2
130	102.9	71.7	133.1

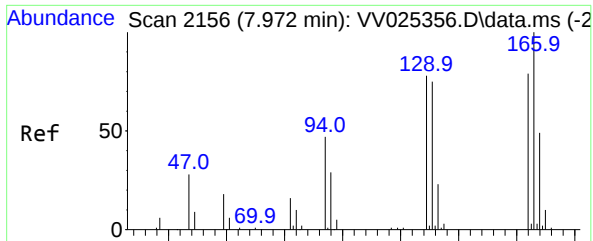


#45
1,1,2-Trichloroethane
Concen: 0.161 ug/L
RT: 7.844 min Scan# 2116
Delta R.T. 0.006 min
Lab File: VV025371.D
Acq: 06 Apr 2022 18:09

Tgt Ion: 97 Resp: 1126

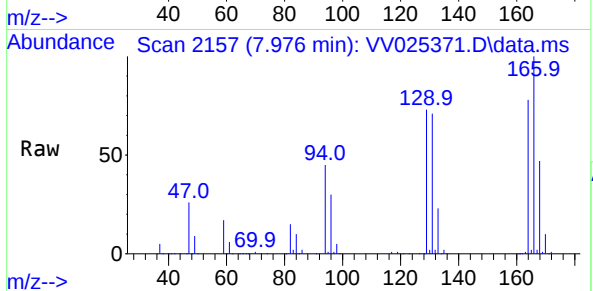
Ion	Ratio	Lower	Upper
97	100		
99	68.7	43.3	80.5
83	103.3	58.0	107.6
85	61.2	38.3	71.1





#47
 Tetrachloroethene
 Concen: 48.071 ug/L
 RT: 7.976 min Scan# 2157
 Delta R.T. 0.003 min
 Lab File: VV025371.D
 Acq: 06 Apr 2022 18:09

Instrument :
 MSVOA_V
 ClientSampleId :
 C0B32



Tgt Ion:164 Resp: 427944

Ion	Ratio	Lower	Upper
164	100		
129	94.2	67.5	125.4
131	90.7	68.0	126.4
166	128.2	86.2	160.2

