

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032622\
 Data File : VV025237.D
 Acq On : 27 Mar 2022 06:52
 Operator : SY/MD
 Sample : N2110-09
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0PC2

Quant Time: Mar 28 03:49:37 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Mar 28 03:13:34 2022
 Response via : Initial Calibration

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

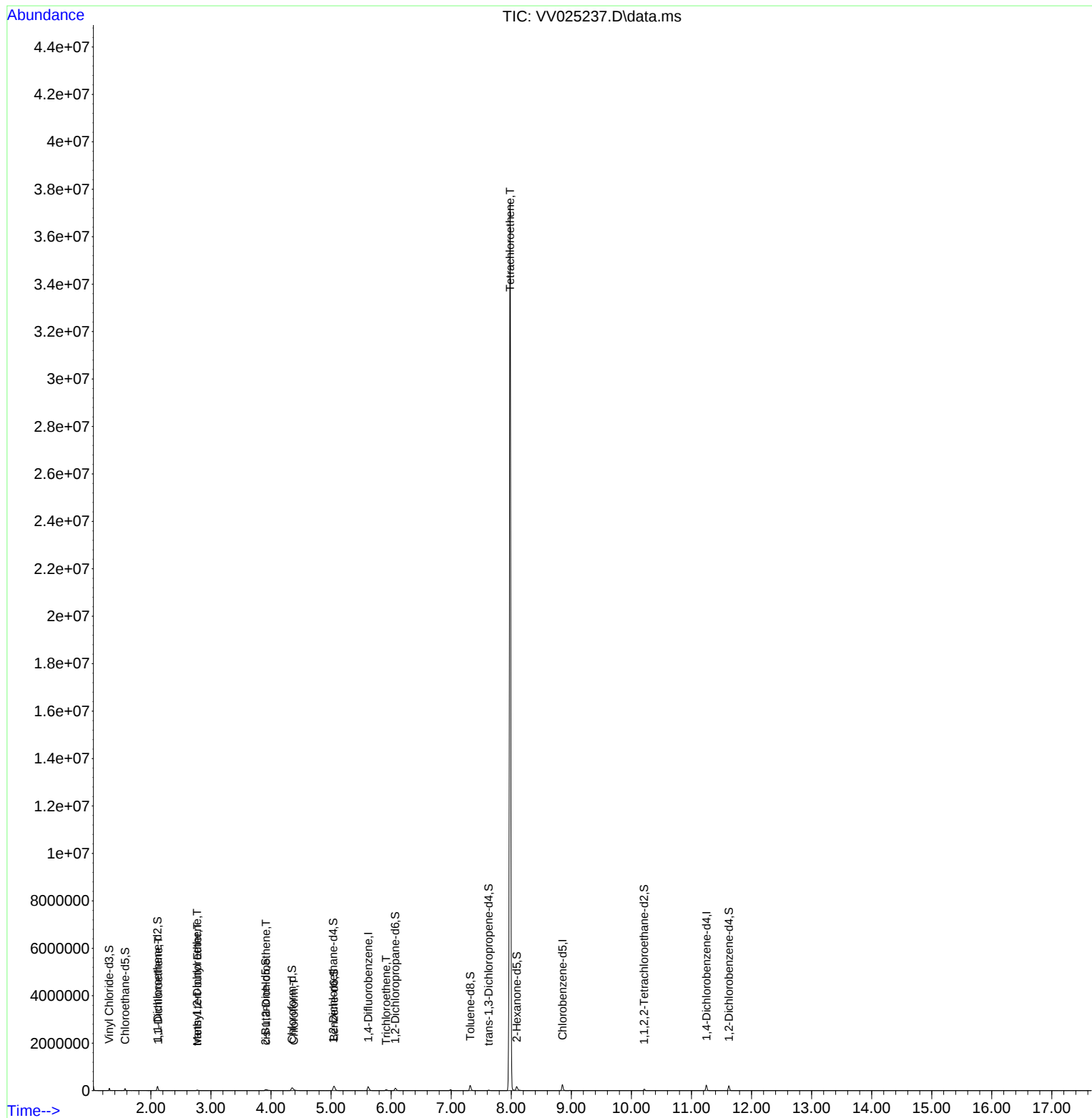
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	146108	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	139350	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	60573	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	58028	4.252	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.000%
7) Chloroethane-d5	1.571	69	50967	4.450	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.000%
11) 1,1-Dichloroethene-d2	2.111	63	92913	3.143	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.800%
20) 2-Butanone-d5	3.908	46	61987	45.596	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.200%
24) Chloroform-d	4.349	84	85952	4.826	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.600%
26) 1,2-Dichloroethane-d4	5.037	65	39188	4.978	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.600%
32) Benzene-d6	5.050	84	174487	4.949	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.000%
36) 1,2-Dichloropropane-d6	6.069	67	50414	5.103	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.000%
41) Toluene-d8	7.317	98	147933	4.575	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.400%
43) trans-1,3-Dichloroprop...	7.625	79	13859	4.300	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.000%
46) 2-Hexanone-d5	8.091	63	62630	53.802	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.600%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	30012	4.556	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	49816	5.121	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.400%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.124	96	3183	0.216	ug/L	# 1
17) Methyl tert-butyl Ether	2.773	73	22722	1.221	ug/L	97
18) trans-1,2-Dichloroethene	2.770	96	477	0.045	ug/L	76
22) cis-1,2-Dichloroethene	3.918	96	13645	1.272	ug/L	97
25) Chloroform	4.381	83	5924	0.303	ug/L	90
34) Trichloroethene	5.918	95	15140	1.349	ug/L	93
47) Tetrachloroethene	7.982	164	7226909	873.210	ug/L	99

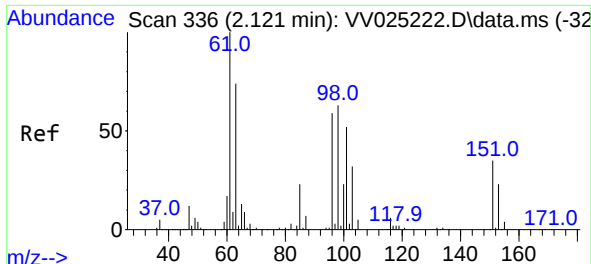
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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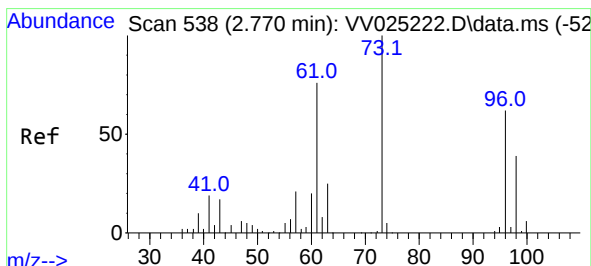
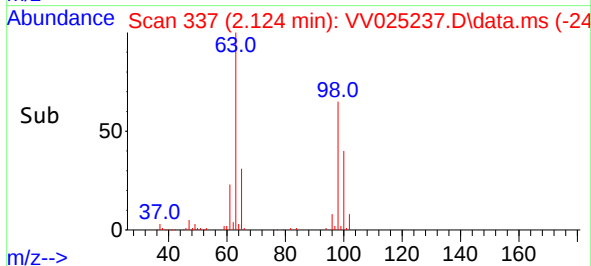
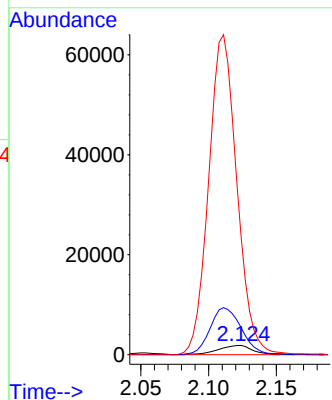
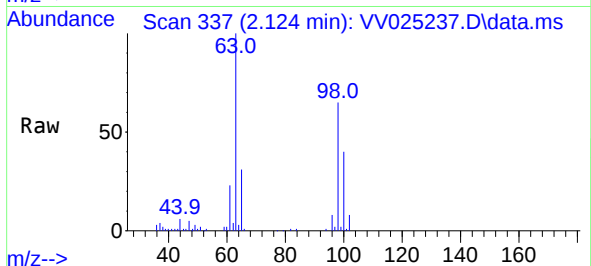




#12
1,1-Dichloroethene
Concen: 0.216 ug/L
RT: 2.124 min Scan# 31
Delta R.T. 0.003 min
Lab File: VV025237.D
Acq: 27 Mar 2022 06:52

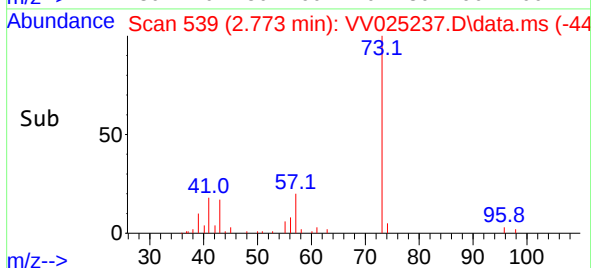
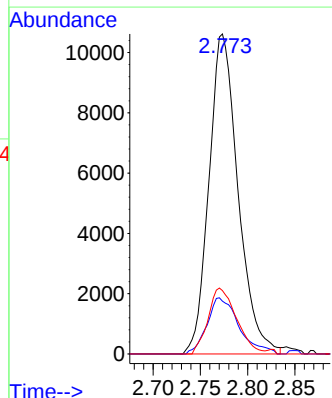
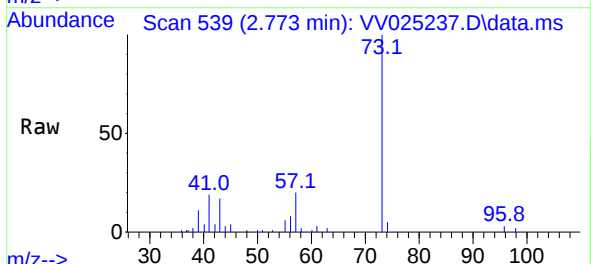
Instrument :
MSVOA_V
ClientSampleId :
C0PC2

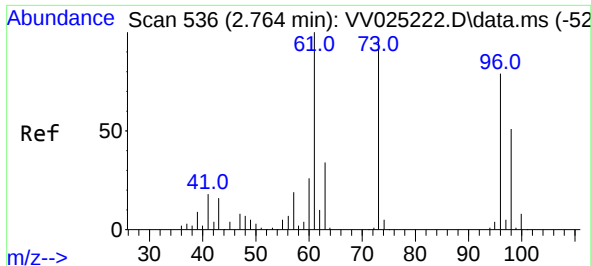
Tgt Ion: 96 Resp: 3183
Ion Ratio Lower Upper
96 100
61 297.2 121.5 225.7#
63 1296.3 77.9 144.7#



#17
Methyl tert-butyl Ether
Concen: 1.221 ug/L
RT: 2.773 min Scan# 539
Delta R.T. 0.003 min
Lab File: VV025237.D
Acq: 27 Mar 2022 06:52

Tgt Ion: 73 Resp: 22722
Ion Ratio Lower Upper
73 100
43 19.3 13.5 20.3
57 20.1 16.4 24.6

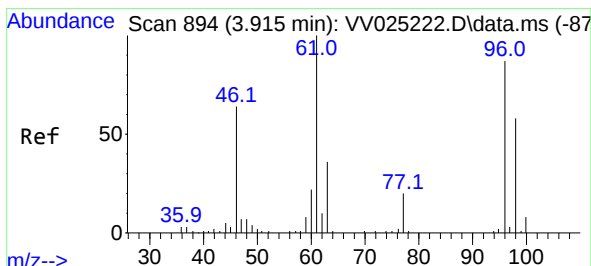
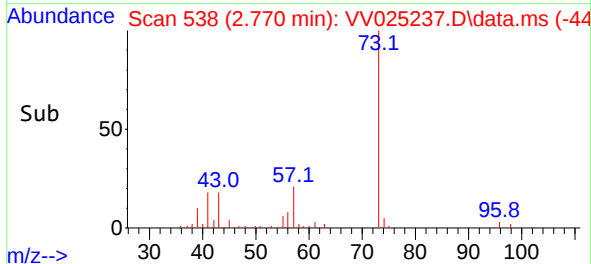
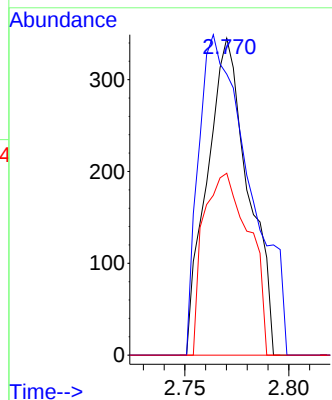
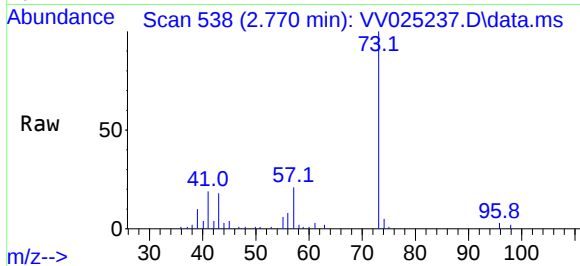




#18
trans-1,2-Dichloroethene
Concen: 0.045 ug/L
RT: 2.770 min Scan# 51
Delta R.T. 0.006 min
Lab File: VV025237.D
Acq: 27 Mar 2022 06:52

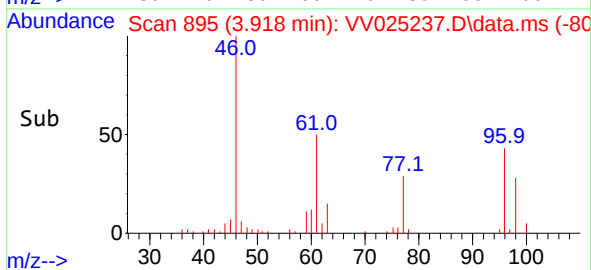
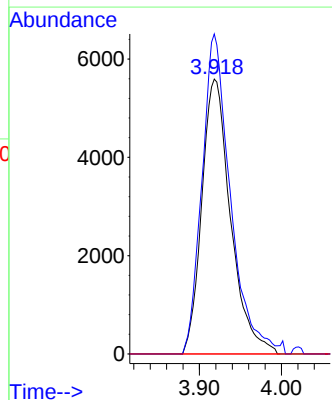
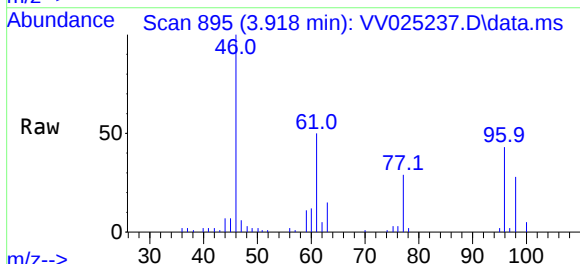
Instrument :
MSVOA_V
ClientSampleId :
C0PC2

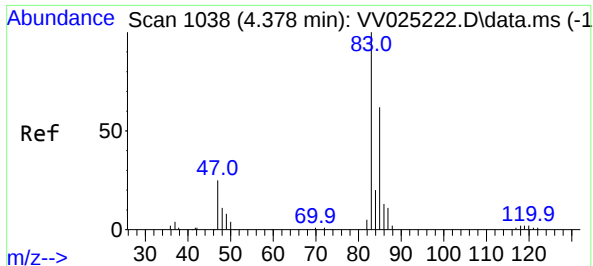
Tgt Ion: 96 Resp: 477
Ion Ratio Lower Upper
96 100
61 88.7 87.6 162.8
98 57.4 44.0 81.8



#22
cis-1,2-Dichloroethene
Concen: 1.272 ug/L
RT: 3.918 min Scan# 895
Delta R.T. 0.003 min
Lab File: VV025237.D
Acq: 27 Mar 2022 06:52

Tgt Ion: 96 Resp: 13645
Ion Ratio Lower Upper
96 100
61 116.4 84.1 156.1
68 0.0 0.0 0.0





#25

Chloroform

Concen: 0.303 ug/L

RT: 4.381 min Scan# 1038

Delta R.T. 0.003 min

Lab File: VV025237.D

Acq: 27 Mar 2022 06:52

Instrument :

MSVOA_V

ClientSampleId :

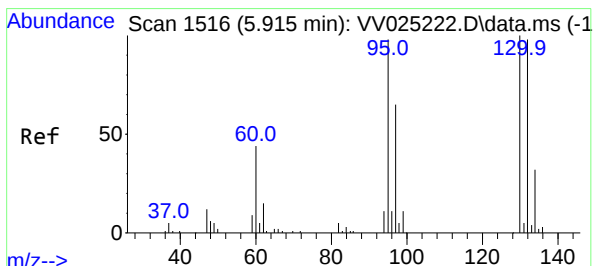
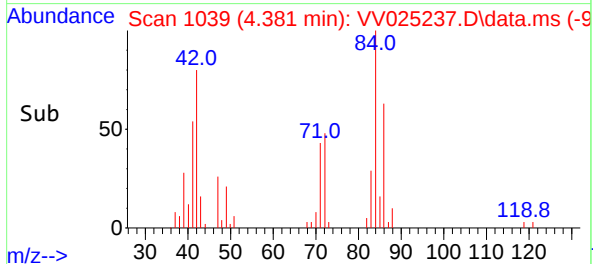
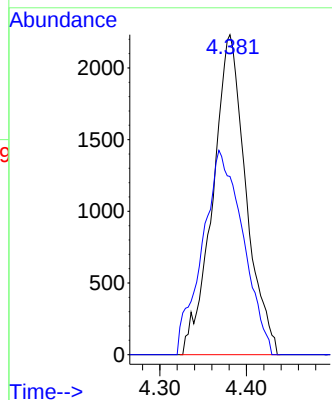
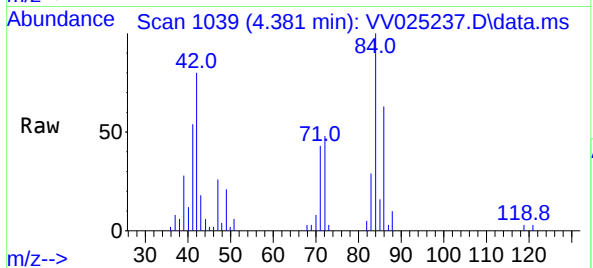
C0PC2

Tgt Ion: 83 Resp: 5924

Ion Ratio Lower Upper

83 100

85 55.7 44.7 82.9



#34

Trichloroethene

Concen: 1.349 ug/L

RT: 5.918 min Scan# 1517

Delta R.T. 0.003 min

Lab File: VV025237.D

Acq: 27 Mar 2022 06:52

Tgt Ion: 95 Resp: 15140

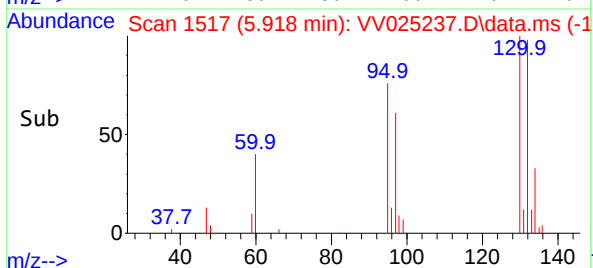
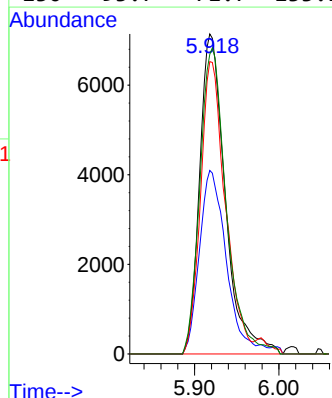
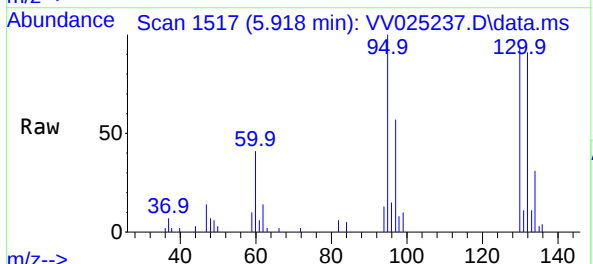
Ion Ratio Lower Upper

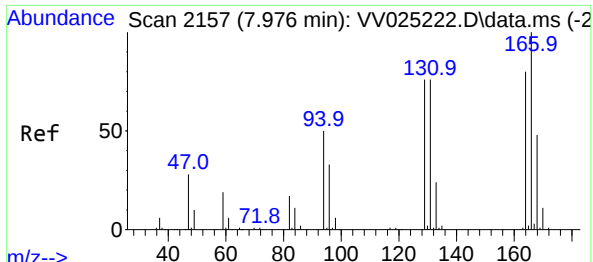
95 100

97 57.4 46.3 85.9

132 91.3 65.2 121.2

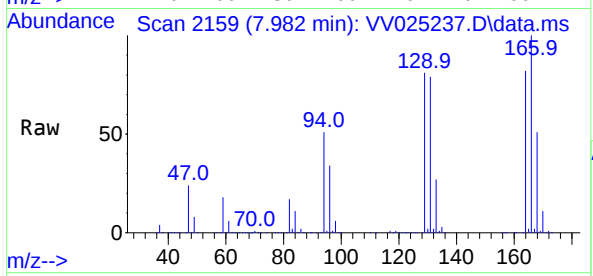
130 93.7 71.7 133.1





#47
 Tetrachloroethene
 Concen: 873.210 ug/L
 RT: 7.982 min Scan# 2159
 Delta R.T. 0.006 min
 Lab File: VV025237.D
 Acq: 27 Mar 2022 06:52

Instrument :
 MSVOA_V
 ClientSampleId :
 C0PC2



Tgt Ion:164 Resp: 7226909

Ion	Ratio	Lower	Upper
164	100		
129	99.7	67.5	125.4
131	96.6	68.0	126.4
166	122.5	86.2	160.2

