

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV093022\
 Data File : VV028237.D
 Acq On : 30 Sep 2022 19:28
 Operator : SY/MD
 Sample : N4873-09
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXZ55

Quant Time: Sep 30 23:02:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 29 01:25:35 2022
 Response via : Initial Calibration

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

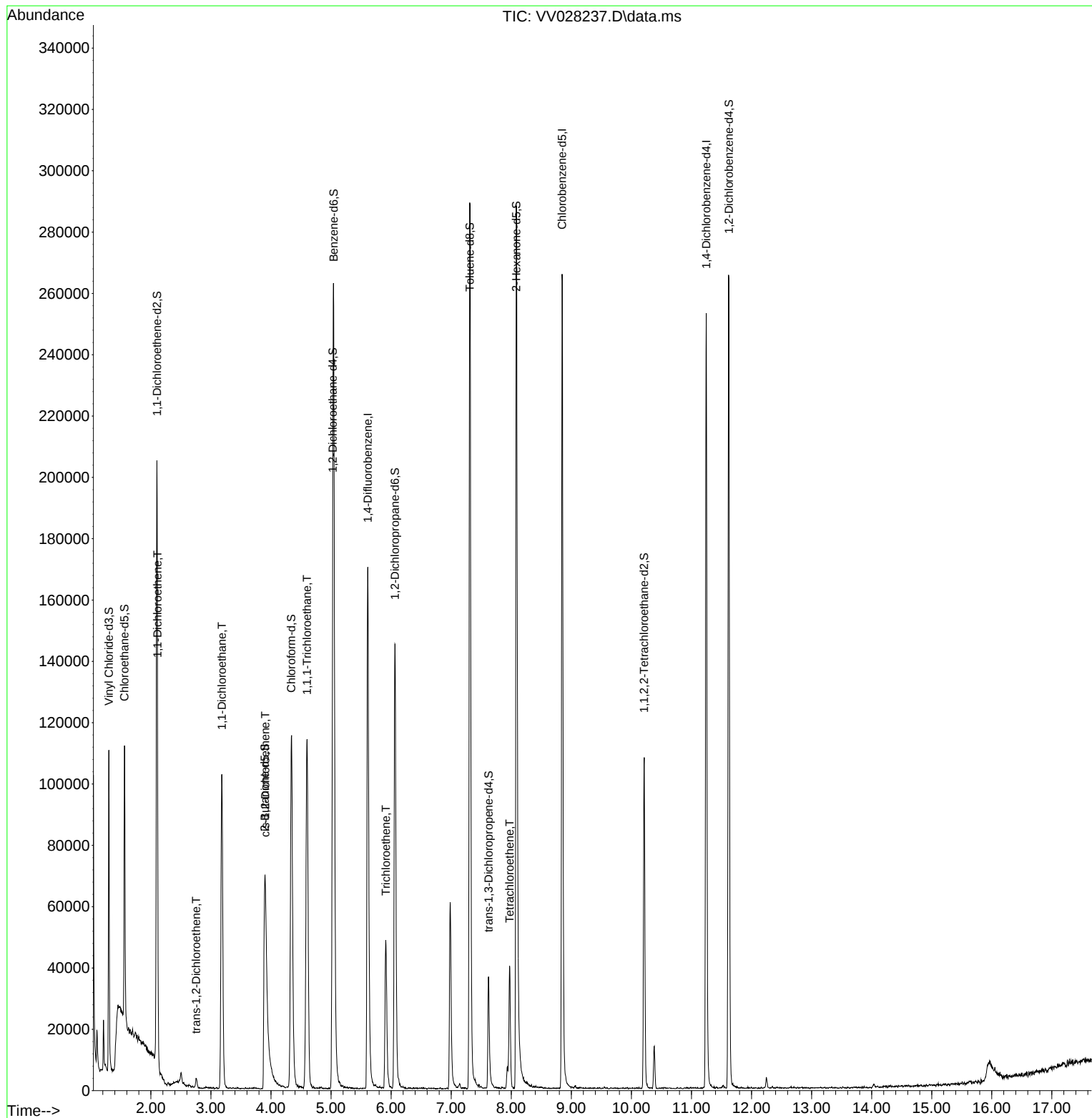
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	158473	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	157514	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	74029	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	65356	3.978	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.600%
7) Chloroethane-d5	1.561	69	59562	4.560	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.200%
11) 1,1-Dichloroethene-d2	2.101	63	97159	3.410	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.200%
20) 2-Butanone-d5	3.899	46	130012	46.873	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.740%
24) Chloroform-d	4.339	84	125586	4.790	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.800%
26) 1,2-Dichloroethane-d4	5.027	65	59299	4.753	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.000%
32) Benzene-d6	5.043	84	246565	4.774	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.400%
36) 1,2-Dichloropropane-d6	6.063	67	75687	4.701	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.000%
41) Toluene-d8	7.310	98	206319	4.413	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.200%
43) trans-1,3-Dichloroprop...	7.622	79	23973	4.122	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.400%
46) 2-Hexanone-d5	8.085	63	110720	45.612	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.220%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	53367	4.849	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.000%
66) 1,2-Dichlorobenzene-d4	11.622	152	76557	5.272	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.400%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.111	96	7698	0.703	ug/L	# 1
18) trans-1,2-Dichloroethene	2.754	96	1577	0.164	ug/L	73
19) 1,1-Dichloroethane	3.182	63	103725	4.960	ug/L	97
22) cis-1,2-Dichloroethene	3.905	96	9916	0.788	ug/L	95
29) 1,1,1-Trichloroethane	4.600	97	95582	4.939	ug/L	98
34) Trichloroethene	5.912	95	18263	1.677	ug/L	91
47) Tetrachloroethene	7.976	164	9972	1.147	ug/L	96

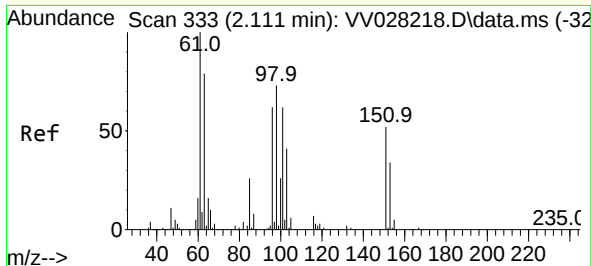
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.703 ug/L

RT: 2.111 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV028237.D

Acq: 30 Sep 2022 19:28

Instrument :

MSVOA_V

ClientSampleId :

EXZ55

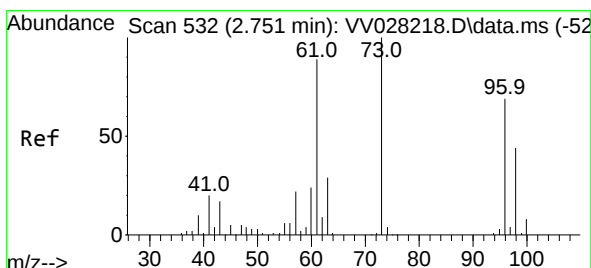
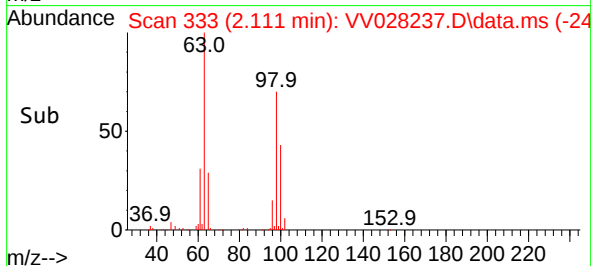
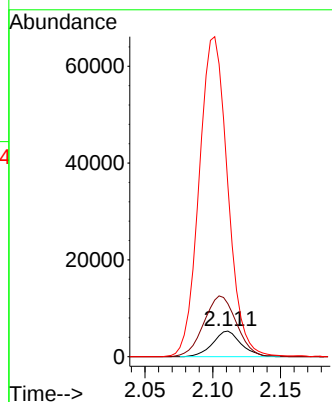
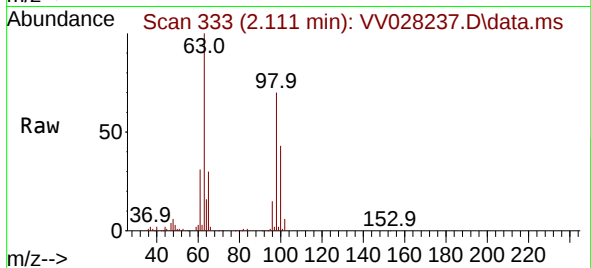
Tgt Ion: 96 Resp: 7698

Ion Ratio Lower Upper

96 100

61 206.1 128.3 238.3

63 667.2 112.7 209.3#



#18

trans-1,2-Dichloroethene

Concen: 0.164 ug/L

RT: 2.754 min Scan# 533

Delta R.T. 0.003 min

Lab File: VV028237.D

Acq: 30 Sep 2022 19:28

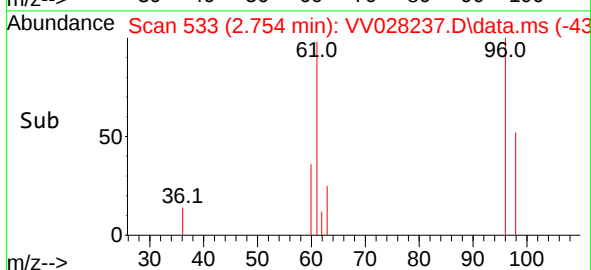
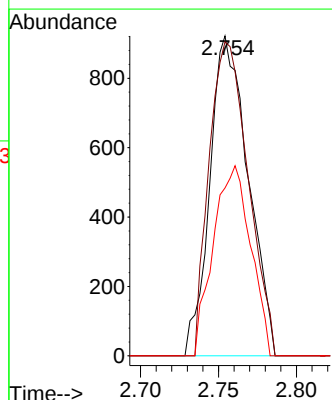
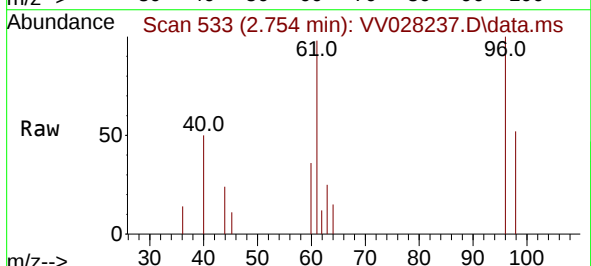
Tgt Ion: 96 Resp: 1577

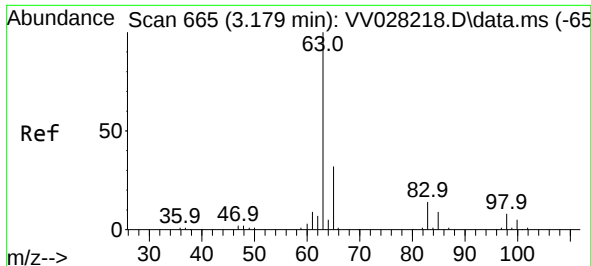
Ion Ratio Lower Upper

96 100

61 98.2 96.2 178.6

98 52.5 45.7 84.9





#19

1,1-Dichloroethane

Concen: 4.960 ug/L

RT: 3.182 min Scan# 666

Delta R.T. 0.000 min

Lab File: VV028237.D

Acq: 30 Sep 2022 19:28

Instrument :

MSVOA_V

ClientSampleId :

EXZ55

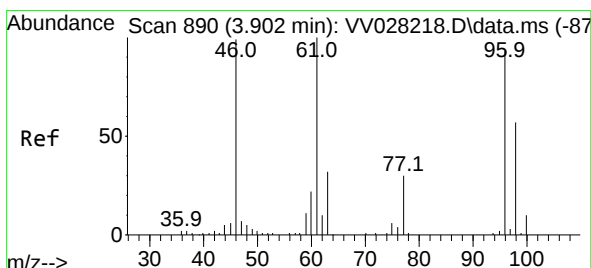
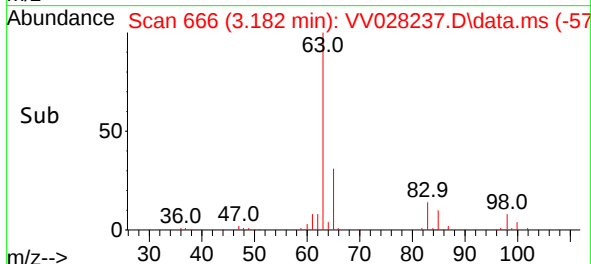
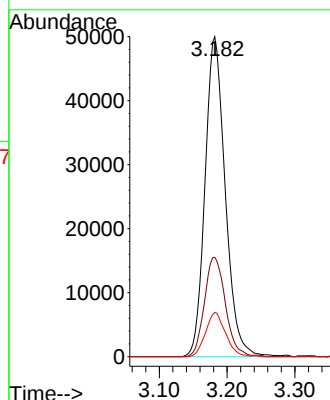
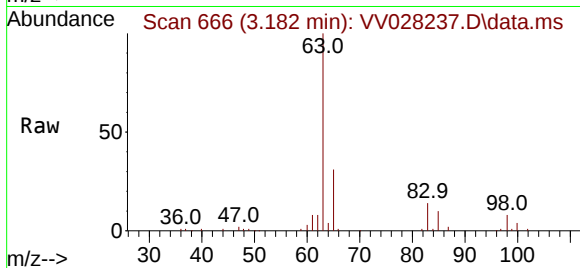
Tgt Ion: 63 Resp: 103725

Ion Ratio Lower Upper

63 100

65 31.1 23.0 42.8

83 13.8 9.2 17.2



#22

cis-1,2-Dichloroethene

Concen: 0.788 ug/L

RT: 3.905 min Scan# 891

Delta R.T. 0.006 min

Lab File: VV028237.D

Acq: 30 Sep 2022 19:28

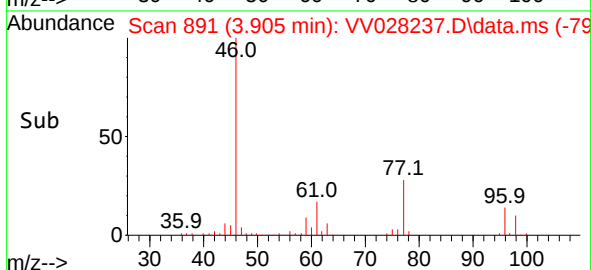
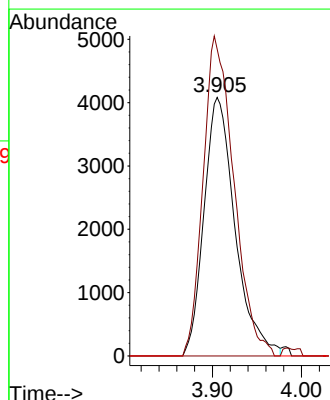
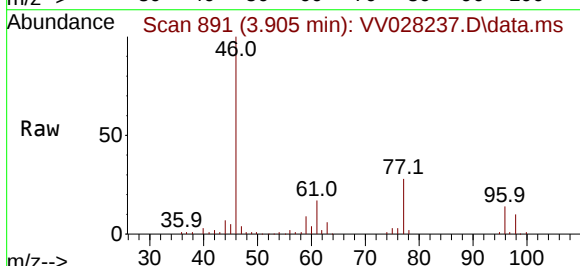
Tgt Ion: 96 Resp: 9916

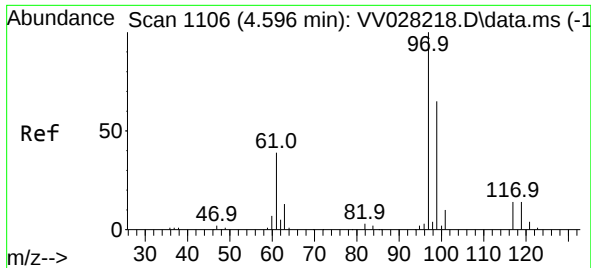
Ion Ratio Lower Upper

96 100

61 118.7 87.2 161.9

68 0.0 0.0 0.0

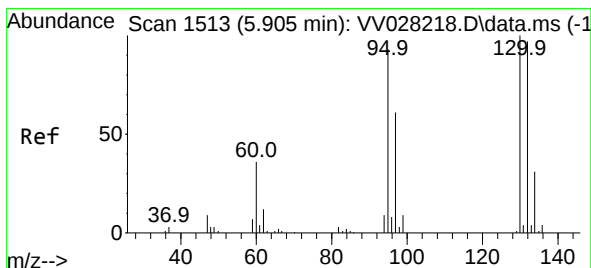
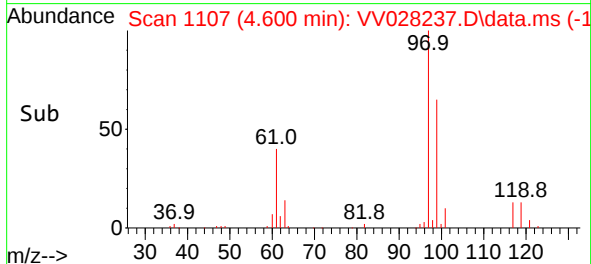
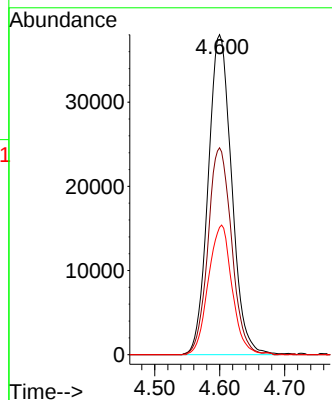
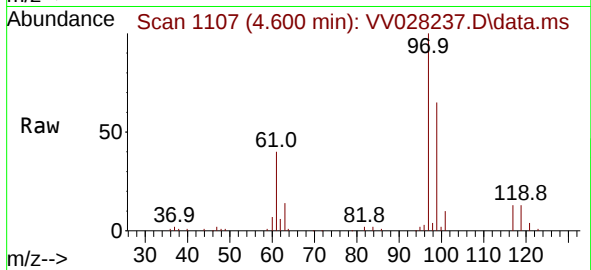




#29
1,1,1-Trichloroethane
Concen: 4.939 ug/L
RT: 4.600 min Scan# 1106
Delta R.T. 0.000 min
Lab File: VV028237.D
Acq: 30 Sep 2022 19:28

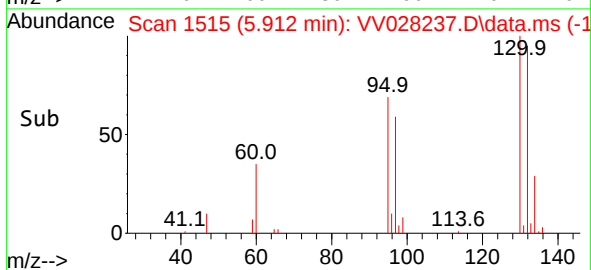
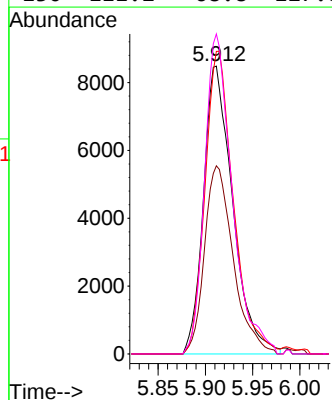
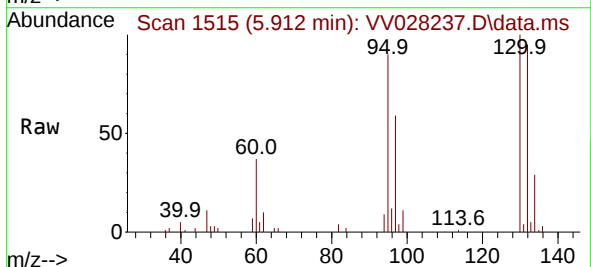
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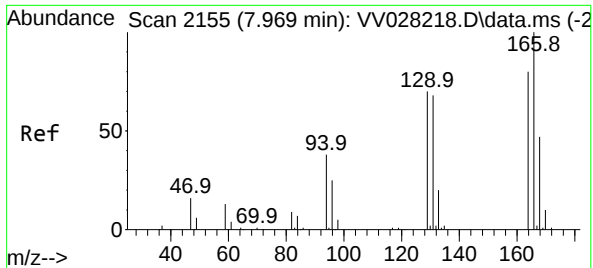
Tgt Ion: 97 Resp: 95582
Ion Ratio Lower Upper
97 100
99 65.0 51.9 77.9
61 40.9 34.8 52.2



#34
Trichloroethene
Concen: 1.677 ug/L
RT: 5.912 min Scan# 1515
Delta R.T. 0.006 min
Lab File: VV028237.D
Acq: 30 Sep 2022 19:28

Tgt Ion: 95 Resp: 18263
Ion Ratio Lower Upper
95 100
97 65.4 44.2 82.0
132 105.1 67.8 126.0
130 111.2 68.8 127.8





#47
 Tetrachloroethene
 Concen: 1.147 ug/L
 RT: 7.976 min Scan# 2157
 Delta R.T. 0.006 min
 Lab File: VV028237.D
 Acq: 30 Sep 2022 19:28

Instrument :
 MSVOA_V
 ClientSampleId :
 EXZ55

Tgt Ion:164 Resp: 9972

Ion	Ratio	Lower	Upper
164	100		
129	90.3	66.7	123.9
131	91.9	61.7	114.5
166	132.2	90.9	168.9

