

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW111122\
 Data File : VW028895.D
 Acq On : 11 Nov 2022 23:17
 Operator : SY/MD
 Sample : N5592-17
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H0AC2

Quant Time: Nov 12 02:59:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 11 22:27:09 2022
 Response via : Initial Calibration

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

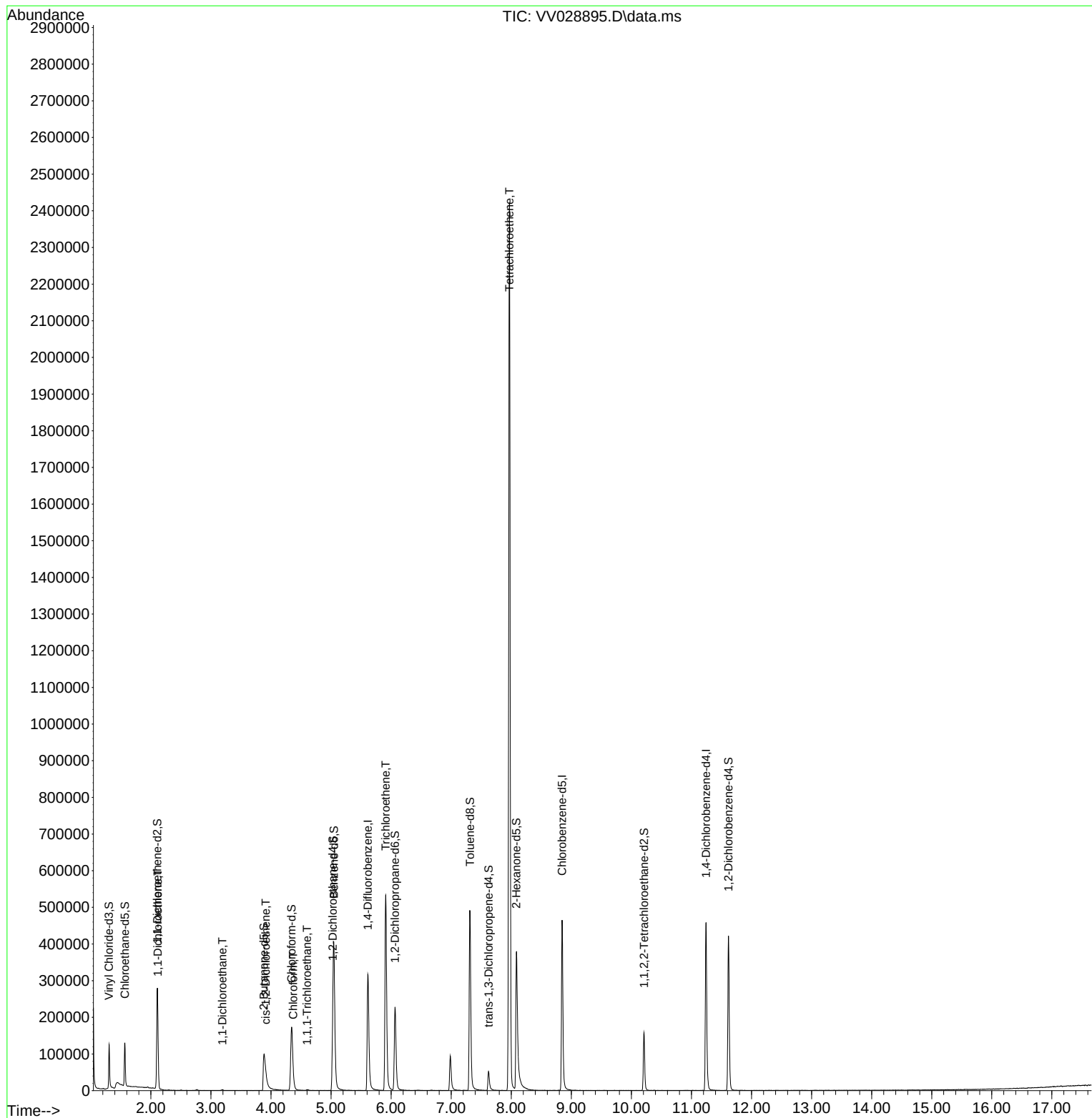
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	297447	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	278206	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	133413	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	84715	4.672	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.400%
7) Chloroethane-d5	1.568	69	78210	4.906	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.200%
11) 1,1-Dichloroethene-d2	2.108	63	129669	3.924	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.400%
20) 2-Butanone-d5	3.883	46	183127	60.328	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.660%
24) Chloroform-d	4.343	84	186959	5.022	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.400%
26) 1,2-Dichloroethane-d4	5.027	65	87381	5.216	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.400%
32) Benzene-d6	5.047	84	400530	4.823	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.400%
36) 1,2-Dichloropropane-d6	6.066	67	116668	5.031	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.600%
41) Toluene-d8	7.313	98	353799	4.733	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.600%
43) trans-1,3-Dichloroprop...	7.622	79	35820	4.736	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.800%
46) 2-Hexanone-d5	8.085	63	167453	51.873	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.740%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	79823	4.965	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.400%
66) 1,2-Dichlorobenzene-d4	11.616	152	119379	5.001	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.000%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.118	96	23228	1.290	ug/L #	6
19) 1,1-Dichloroethane	3.191	63	2663	0.078	ug/L #	91
22) cis-1,2-Dichloroethene	3.912	96	6719	0.316	ug/L	96
25) Chloroform	4.368	83	10855	0.303	ug/L	95
29) 1,1,1-Trichloroethane	4.600	97	1979	0.061	ug/L #	86
34) Trichloroethene	5.908	95	193383	8.885	ug/L	99
47) Tetrachloroethene	7.969	164	559593	32.110	ug/L	99

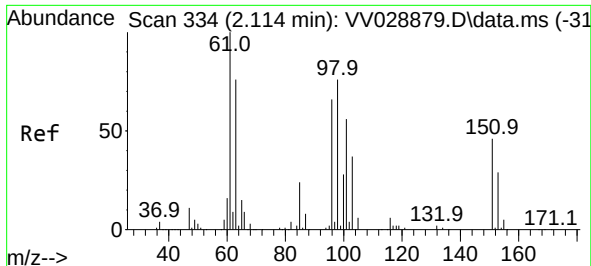
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Nov 11 22:27:09 2022
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#12

1,1-Dichloroethene

Concen: 1.290 ug/L

RT: 2.118 min Scan# 31

Delta R.T. 0.003 min

Lab File: VV028895.D

Acq: 11 Nov 2022 23:17

Instrument :

MSVOA_V

ClientSampleId :

H0AC2

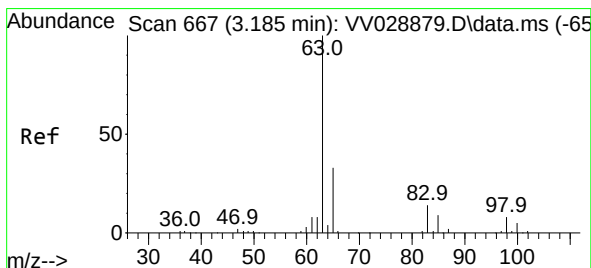
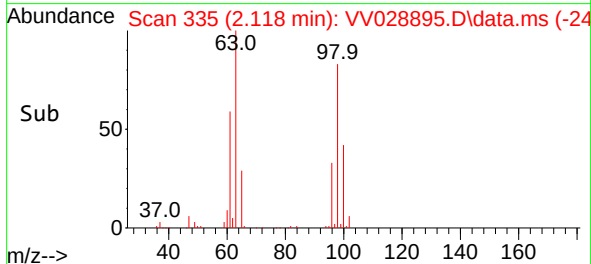
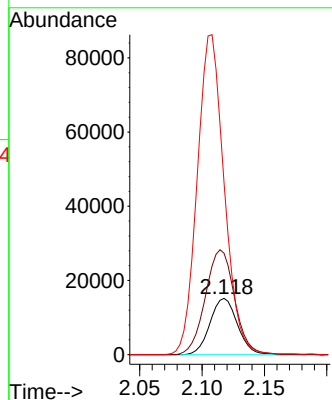
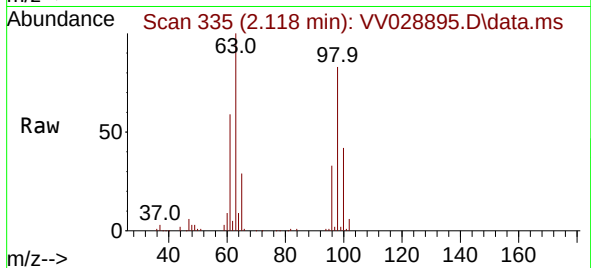
Tgt Ion: 96 Resp: 23228

Ion Ratio Lower Upper

96 100

61 180.3 104.2 193.4

63 305.4 75.9 140.9#



#19

1,1-Dichloroethane

Concen: 0.078 ug/L

RT: 3.191 min Scan# 669

Delta R.T. 0.006 min

Lab File: VV028895.D

Acq: 11 Nov 2022 23:17

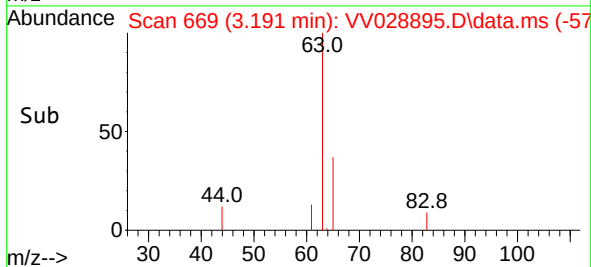
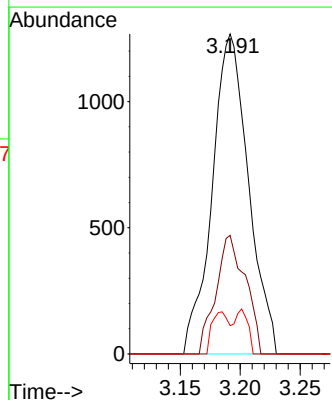
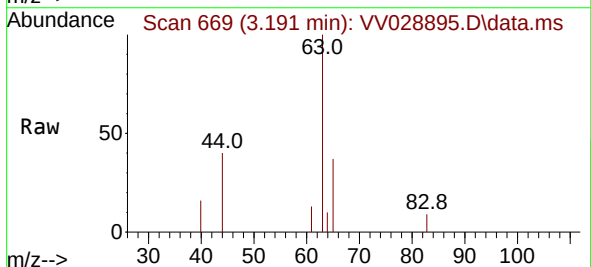
Tgt Ion: 63 Resp: 2663

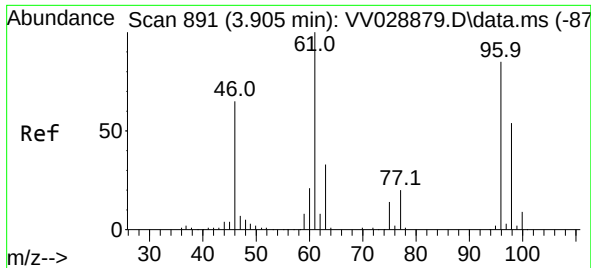
Ion Ratio Lower Upper

63 100

65 37.1 23.0 42.6

83 8.8 9.4 17.6#

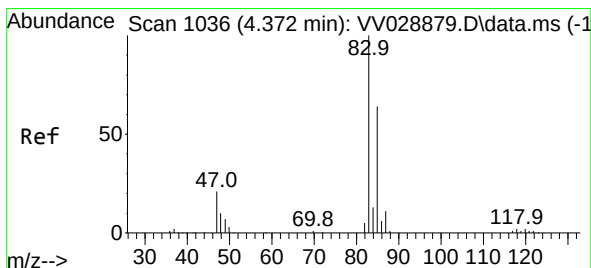
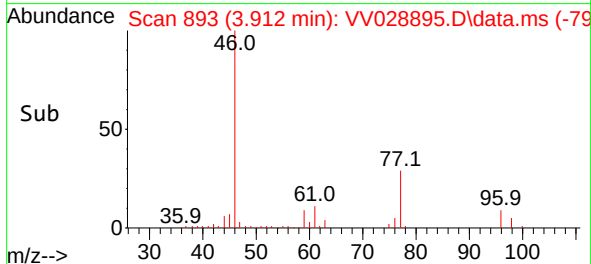
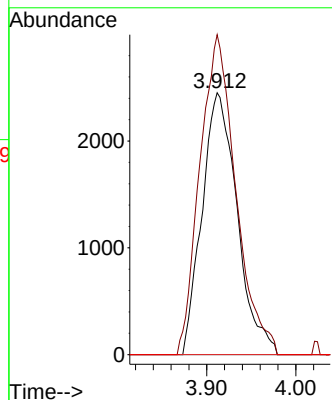
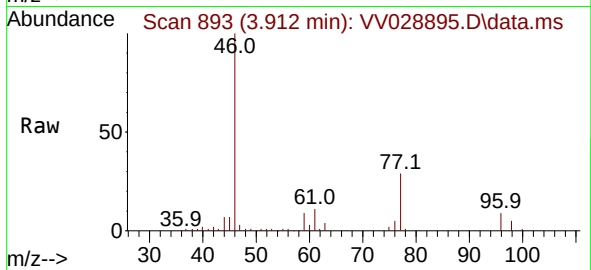




#22
 cis-1,2-Dichloroethene
 Concen: 0.316 ug/L
 RT: 3.912 min Scan# 891
 Delta R.T. 0.006 min
 Lab File: VV028895.D
 Acq: 11 Nov 2022 23:17

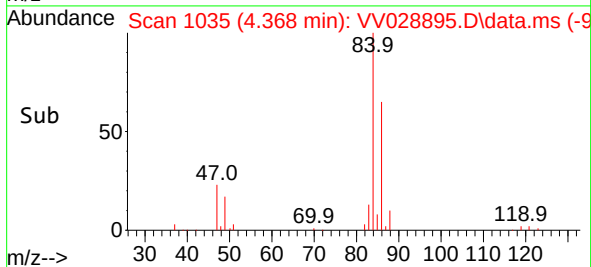
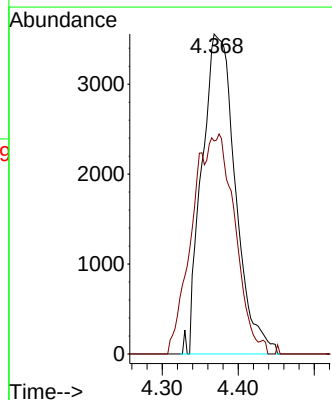
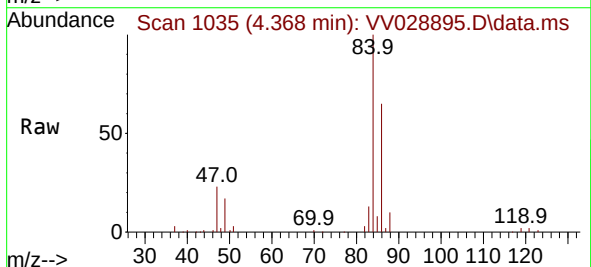
Instrument :
 MSVOA_V
 ClientSampleId :
 H0AC2

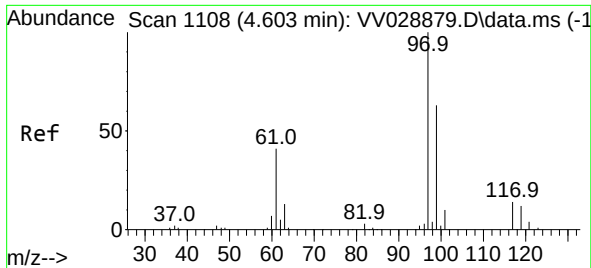
Tgt Ion: 96 Resp: 6719
 Ion Ratio Lower Upper
 96 100
 61 122.2 82.3 152.9
 68 0.0 0.0 0.0



#25
 Chloroform
 Concen: 0.303 ug/L
 RT: 4.368 min Scan# 1035
 Delta R.T. -0.003 min
 Lab File: VV028895.D
 Acq: 11 Nov 2022 23:17

Tgt Ion: 83 Resp: 10855
 Ion Ratio Lower Upper
 83 100
 85 66.5 43.7 81.1





#29

1,1,1-Trichloroethane

Concen: 0.061 ug/L

RT: 4.600 min Scan# 1107

Delta R.T. -0.003 min

Lab File: VV028895.D

Acq: 11 Nov 2022 23:17

Instrument :

MSVOA_V

ClientSampleId :

H0AC2

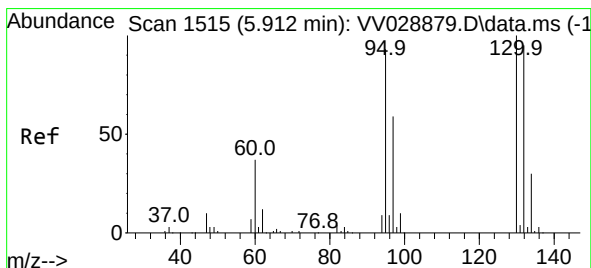
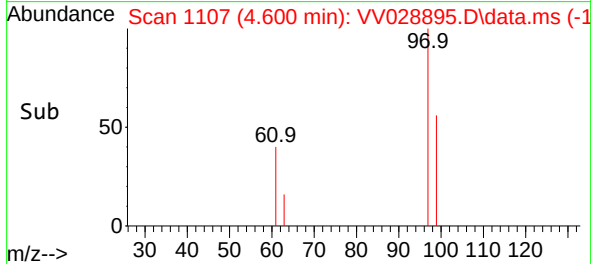
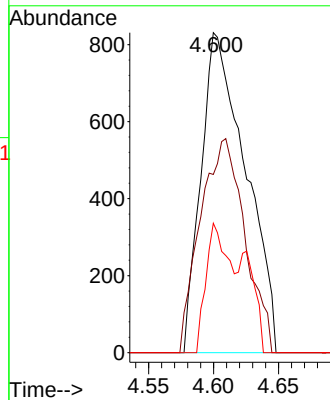
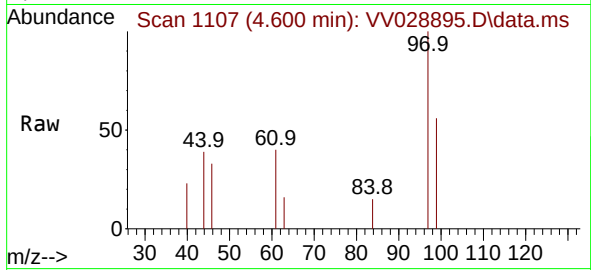
Tgt Ion: 97 Resp: 1979

Ion Ratio Lower Upper

97 100

99 67.0 52.7 79.1

61 21.0 33.8 50.6#



#34

Trichloroethene

Concen: 8.885 ug/L

RT: 5.908 min Scan# 1514

Delta R.T. -0.003 min

Lab File: VV028895.D

Acq: 11 Nov 2022 23:17

Tgt Ion: 95 Resp: 193383

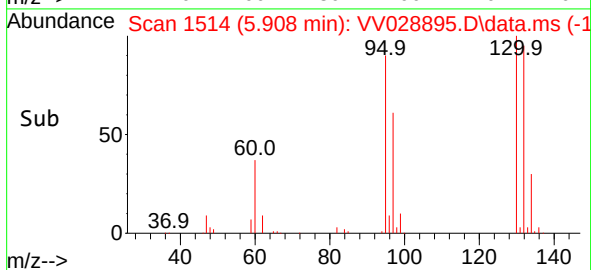
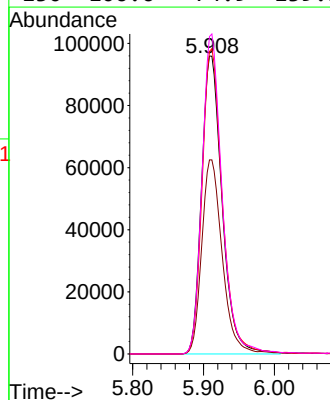
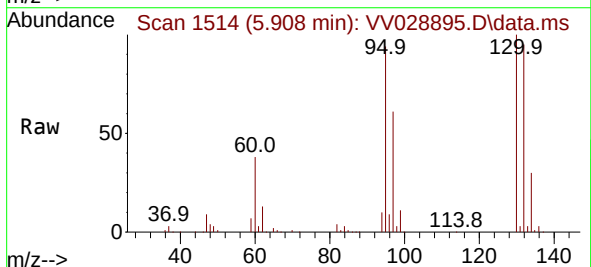
Ion Ratio Lower Upper

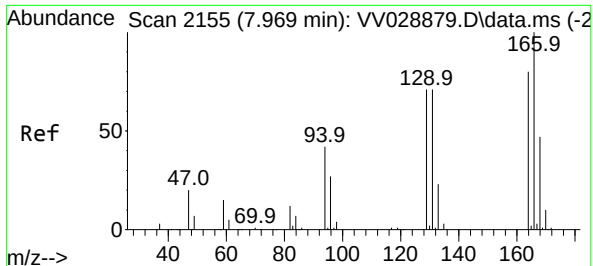
95 100

97 65.2 45.6 84.8

132 101.5 69.1 128.3

130 106.6 74.9 139.1





#47
 Tetrachloroethene
 Concen: 32.110 ug/L
 RT: 7.969 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV028895.D
 Acq: 11 Nov 2022 23:17

Instrument :
 MSVOA_V
 ClientSampleId :
 H0AC2

Tgt Ion:164 Resp: 559593

Ion	Ratio	Lower	Upper
164	100		
129	92.4	63.9	118.7
131	89.1	61.8	114.8
166	127.7	90.2	167.4

