

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092322\
 Data File : VV028104.D
 Acq On : 23 Sep 2022 15:27
 Operator : SY/MD
 Sample : N4729-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXFJ6

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 09/27/2022
 Supervised By :Mahesh Dadoda 09/27/2022

Quant Time: Sep 24 01:28:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Sep 24 01:23:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	184125	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	177496	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	84469	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	74087	3.881	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.600%
7) Chloroethane-d5	1.561	69	65189	4.295	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.000%
11) 1,1-Dichloroethene-d2	2.101	63	118693	3.585	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.800%
20) 2-Butanone-d5	3.902	46	161524	50.121	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.240%
24) Chloroform-d	4.342	84	136964	4.496	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.000%
26) 1,2-Dichloroethane-d4	5.031	65	65311	4.506	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.200%
32) Benzene-d6	5.043	84	259518	4.459	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.200%
36) 1,2-Dichloropropane-d6	6.069	67	83373	4.595	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.000%
41) Toluene-d8	7.313	98	199221	3.782	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.600%
43) trans-1,3-Dichloroprop...	7.622	79	28231	4.308	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.200%
46) 2-Hexanone-d5	8.088	63	129290	47.266	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.540%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	58430	4.711	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	80470	4.857	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.200%
Target Compounds						
5) Vinyl chloride	1.304	62	37545	2.630	ug/L	99
12) 1,1-Dichloroethene	2.111	96	39436	3.099	ug/L	87
18) trans-1,2-Dichloroethene	2.757	96	16209	1.455	ug/L	95
22) cis-1,2-Dichloroethene	3.902	96	828395	56.677	ug/L	97
34) Trichloroethene	5.908	95	29541304m	2407.816	ug/L	
45) 1,1,2-Trichloroethane	7.847	97	1226	0.132	ug/L #	89
47) Tetrachloroethene	7.979	164	3590	0.367	ug/L	91

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

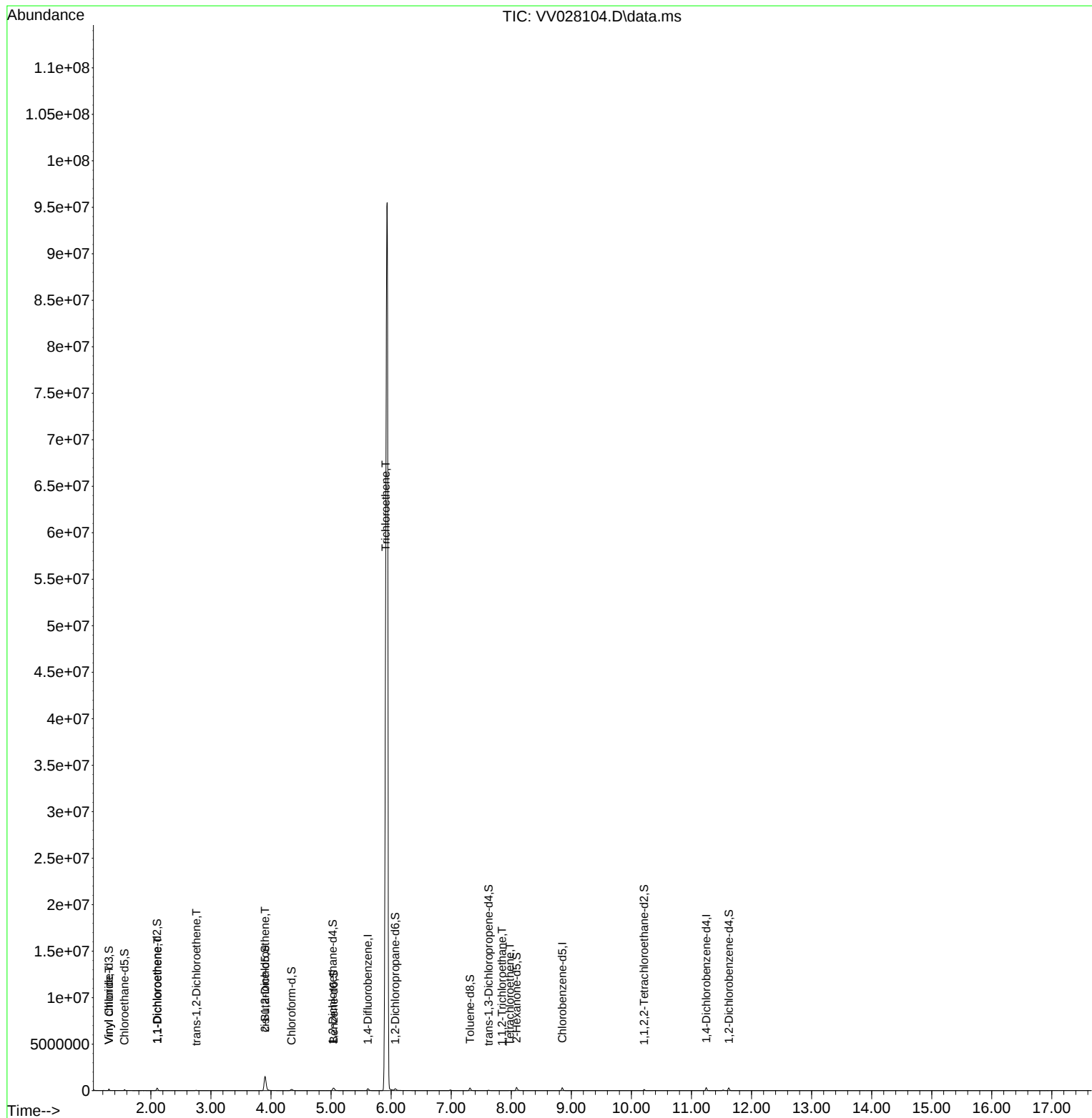
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092322\
Data File : VV028104.D
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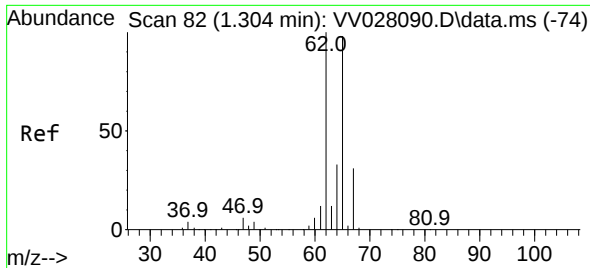
Instrument :
MSVOA_V
ClientSampleId :
EXFJ6

Quant Time: Sep 24 01:28:05 2022
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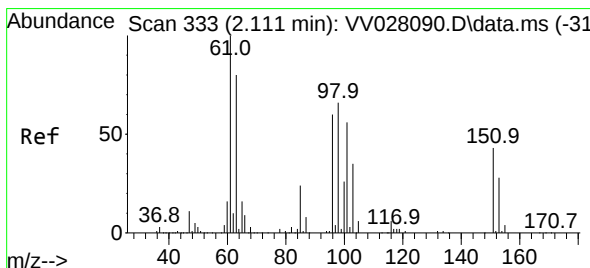
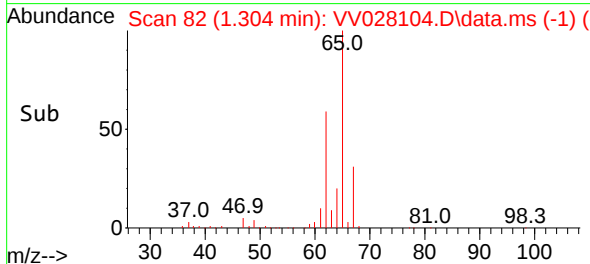
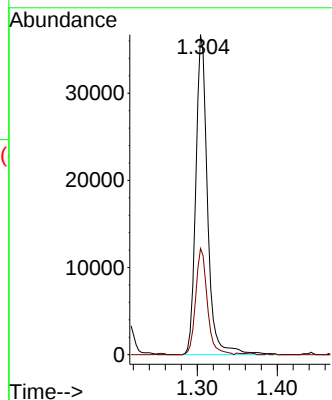
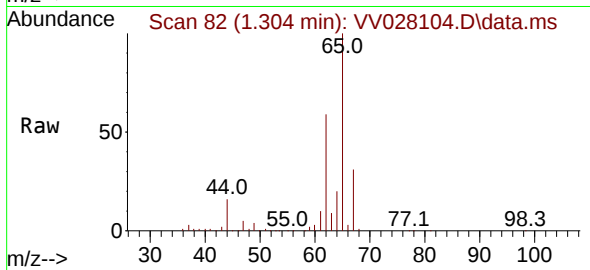
#5
 Vinyl chloride
 Concen: 2.630 ug/L
 RT: 1.304 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VV028104.D
 Acq: 23 Sep 2022 15:27

Instrument :
 MSVOA_V
 ClientSampleId :
 EXFJ6

Tgt Ion: 62 Resp: 3754
 Ion Ratio Lower Upper
 62 100
 64 33.2 23.0 42.8

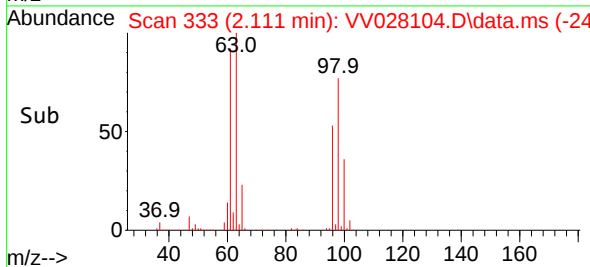
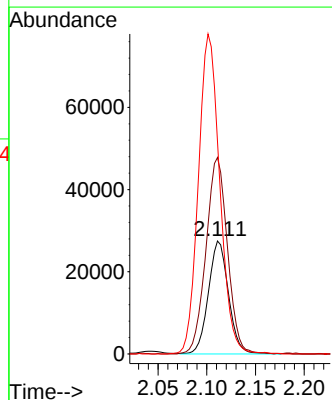
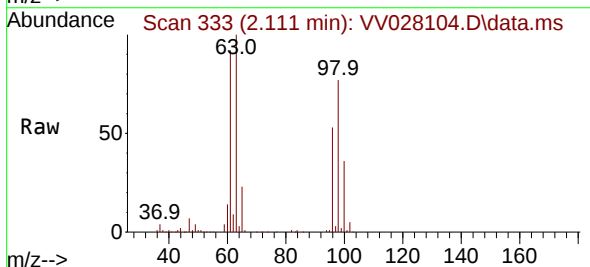
Manual Integrations
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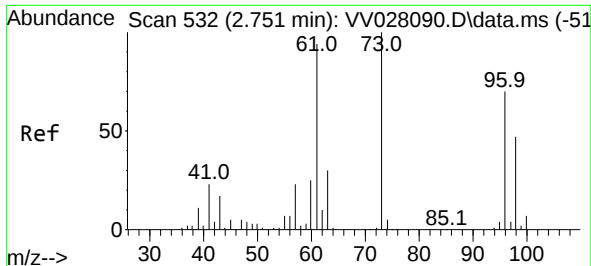
Reviewed By :Krupa Patel 09/27/2022
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#12
 1,1-Dichloroethene
 Concen: 3.099 ug/L
 RT: 2.111 min Scan# 333
 Delta R.T. -0.000 min
 Lab File: VV028104.D
 Acq: 23 Sep 2022 15:27

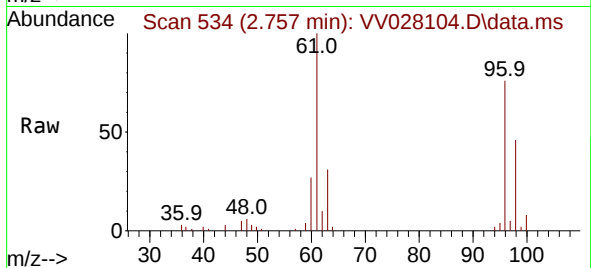
Tgt Ion: 96 Resp: 39436
 Ion Ratio Lower Upper
 96 100
 61 174.0 128.3 238.3
 63 188.3 112.7 209.3





#18
trans-1,2-Dichloroethene
Concen: 1.455 ug/L
RT: 2.757 min Scan# 51
Delta R.T. 0.006 min
Lab File: VV028104.D
Acq: 23 Sep 2022 15:27

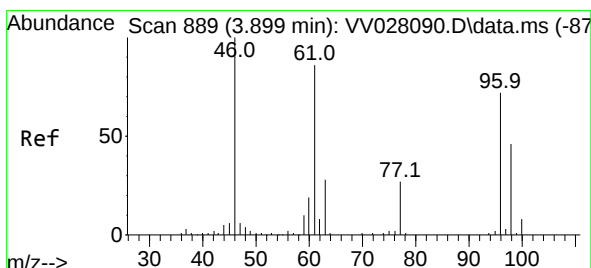
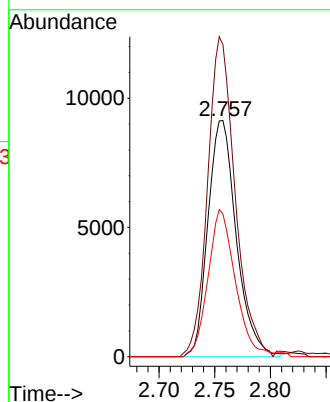
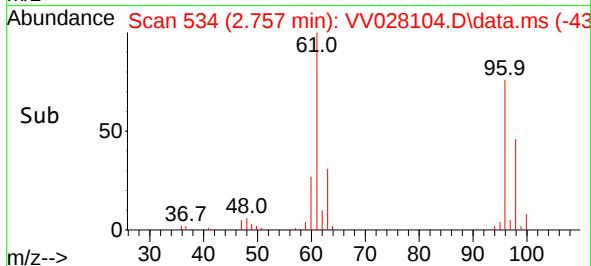
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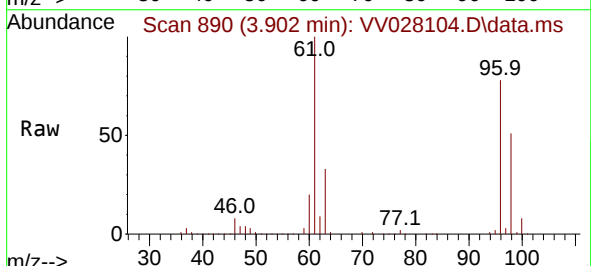
Tgt Ion: 96 Resp: 16209
Ion Ratio Lower Upper
96 100
61 132.1 96.2 178.6
98 60.4 45.7 84.9

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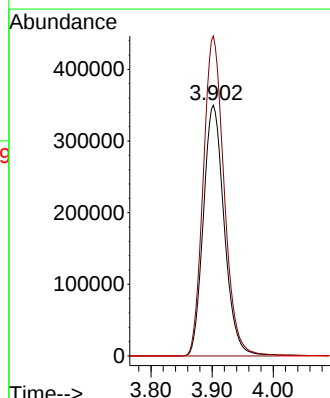
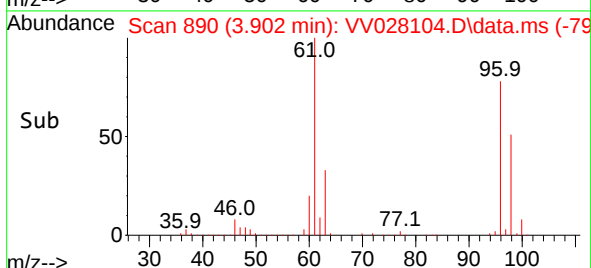
Reviewed By :Krupa Patel 09/27/2022
Supervised By :Mahesh Dadoda 09/27/2022

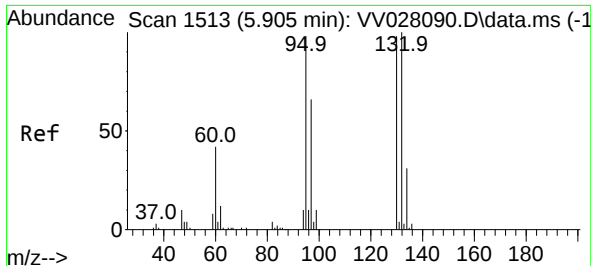


#22
cis-1,2-Dichloroethene
Concen: 56.677 ug/L
RT: 3.902 min Scan# 890
Delta R.T. 0.003 min
Lab File: VV028104.D
Acq: 23 Sep 2022 15:27



Tgt Ion: 96 Resp: 828395
Ion Ratio Lower Upper
96 100
61 127.7 87.2 161.9
68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 2407.816 ug/L m

RT: 5.908 min Scan# 1

Delta R.T. 0.003 min

Lab File: VV028104.D

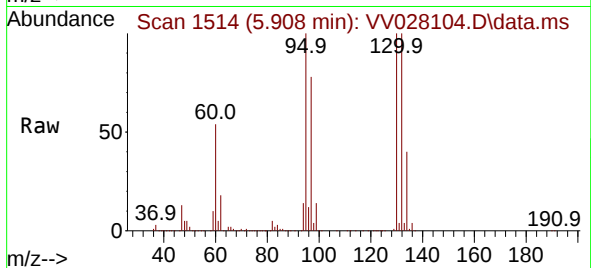
Acq: 23 Sep 2022 15:27

Instrument :

MSVOA_V

ClientSampleId :

EXFJ6



Tgt Ion: 95 Resp: 29541304

Ion Ratio Lower Upper

95 100

97 77.8 44.2 82.0

132 100.0 67.8 126.0

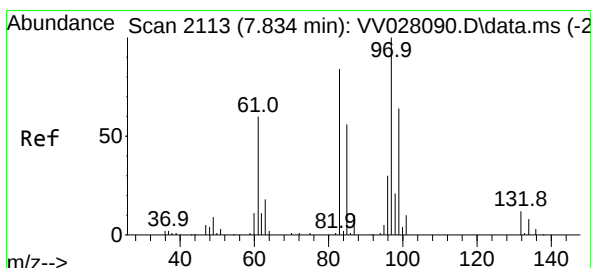
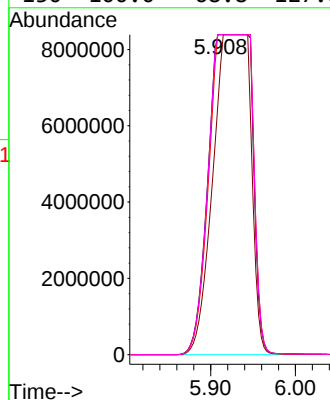
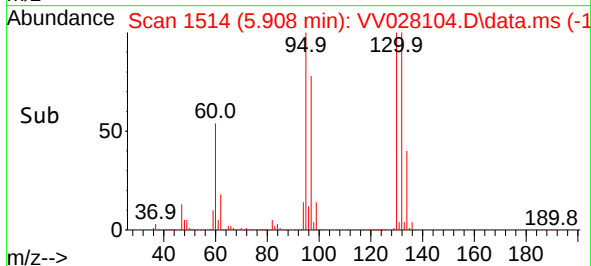
130 100.0 68.8 127.8

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#45

1,1,2-Trichloroethane

Concen: 0.132 ug/L

RT: 7.847 min Scan# 2117

Delta R.T. 0.013 min

Lab File: VV028104.D

Acq: 23 Sep 2022 15:27

Tgt Ion: 97 Resp: 1226

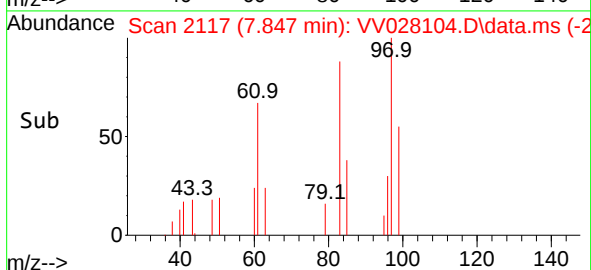
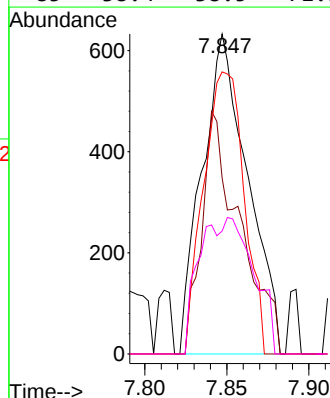
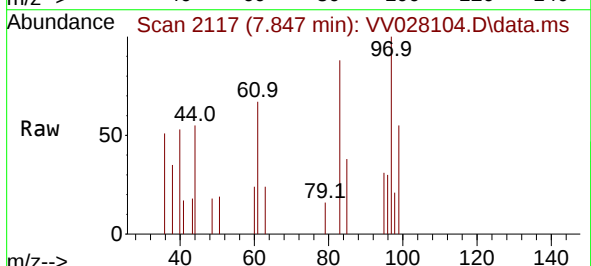
Ion Ratio Lower Upper

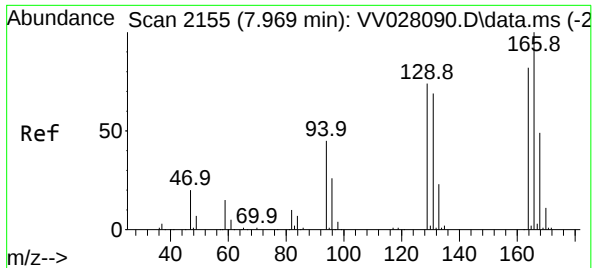
97 100

99 55.0 43.2 80.2

83 88.2 59.1 109.9

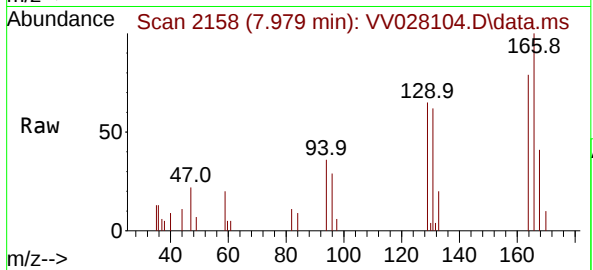
85 38.4 38.5 71.5#





#47
 Tetrachloroethene
 Concen: 0.367 ug/L
 RT: 7.979 min Scan# 2155
 Delta R.T. 0.010 min
 Lab File: VV028104.D
 Acq: 23 Sep 2022 15:27

Instrument :
 MSVOA_V
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 EXFJ6



Tgt Ion:164 Resp: 3590

Ion	Ratio	Lower	Upper
164	100		
129	81.8	66.7	123.9
131	77.9	61.7	114.5
166	126.2	90.9	168.9

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