

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW121222\
 Data File : VW029633.D
 Acq On : 13 Dec 2022 06:19
 Operator : SY/MD
 Sample : N5928-22DL 10X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXZ91DL

Quant Time: Dec 13 06:55:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 13 04:57:44 2022
 Response via : Initial Calibration

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

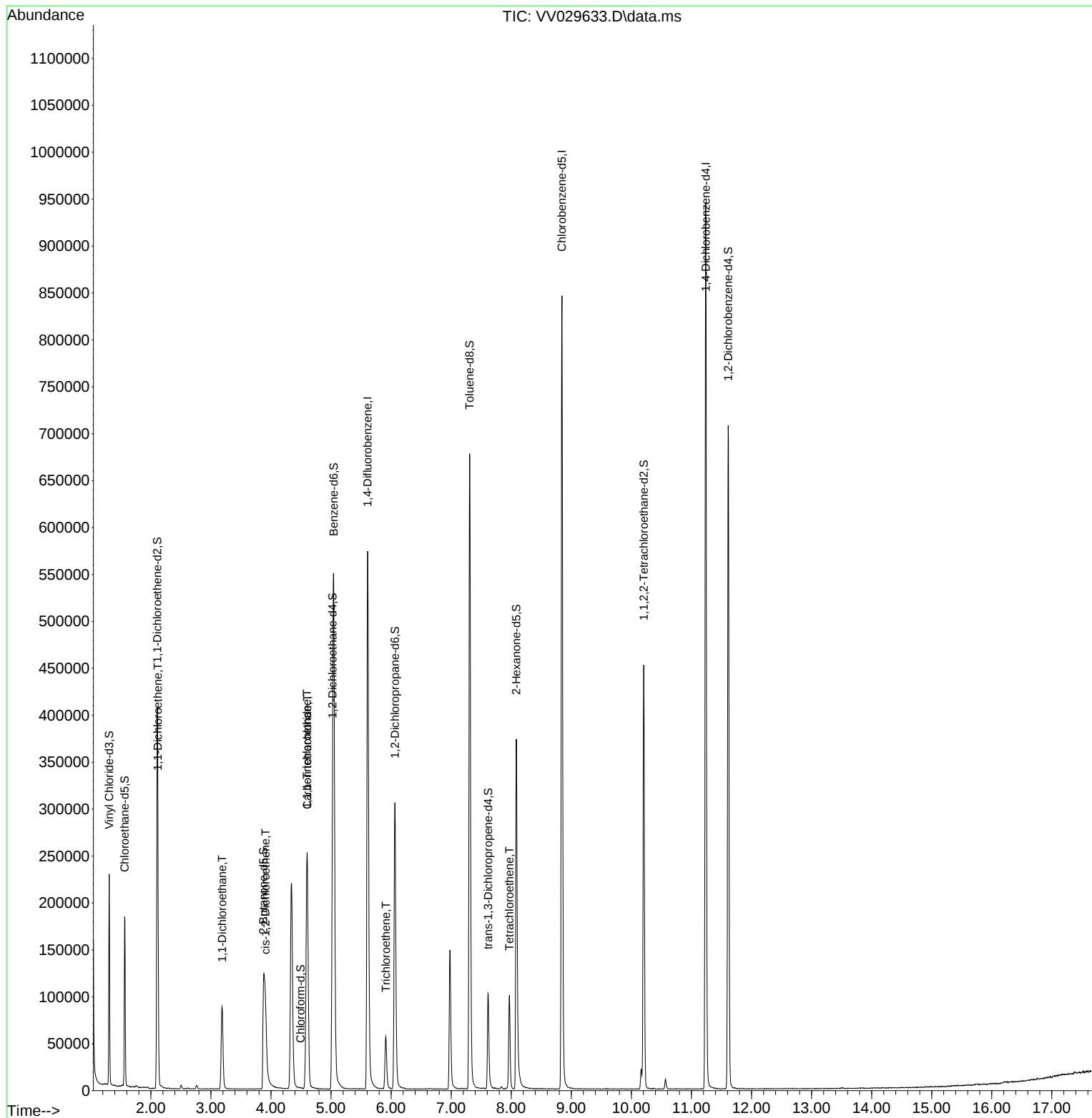
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	527296	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	492829	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	256116	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	139361	43.160	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	86.320%	
7) Chloroethane-d5	1.564	69	115236	46.803	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	93.600%	
11) 1,1-Dichloroethene-d2	2.108	63	197266	39.169	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	78.340%	
21) 2-Butanone-d5	3.876	46	169364	85.983	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	85.980%	
24) Chloroform-d	4.490	84	105	0.017	ug/L	0.15
Spiked Amount	50.000	Range 70 - 125	Recovery	=	0.040%#	
26) 1,2-Dichloroethane-d4	5.024	65	145626	41.963	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	83.920%	
32) Benzene-d6	5.043	84	536482	41.197	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	82.400%	
36) 1,2-Dichloropropane-d6	6.063	67	160778	40.420	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	80.840%	
41) Toluene-d8	7.307	98	478234	38.976	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	77.960%#	
43) trans-1,3-Dichloroprop...	7.616	79	64417	32.071	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	64.140%	
47) 2-Hexanone-d5	8.085	63	143841	84.684	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	84.680%	
56) 1,1,2,2-Tetrachloroeth...	10.207	84	224307	39.462	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	78.920%	
66) 1,2-Dichlorobenzene-d4	11.612	152	191708	39.321	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	78.640%#	
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.117	96	36691	13.018	ug/L	# 14
19) 1,1-Dichloroethane	3.185	63	92883	16.695	ug/L	99
20) cis-1,2-Dichloroethene	3.908	96	27483	7.696	ug/L	95
30) 1,1,1-Trichloroethane	4.600	97	212388	39.556	ug/L	99
31) Carbon tetrachloride	4.603	117	28913	6.166	ug/L	98
34) Trichloroethene	5.911	95	20036	5.756	ug/L	97
46) Tetrachloroethene	7.969	164	23373	8.351	ug/L	99

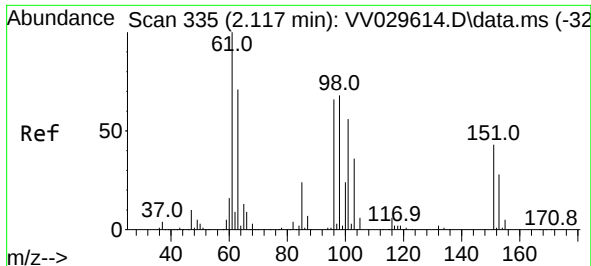
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Tue Dec 13 04:57:44 2022
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 13.018 ug/L

RT: 2.117 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV029633.D

Acq: 13 Dec 2022 06:19

Instrument :

MSVOA_V

ClientSampleId :

EXZ91DL

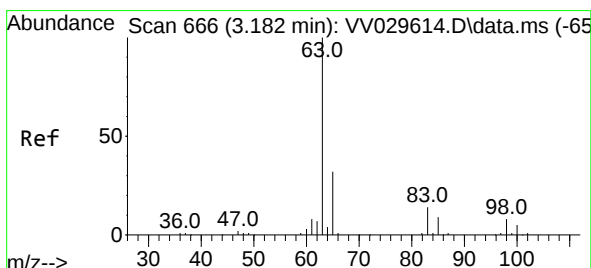
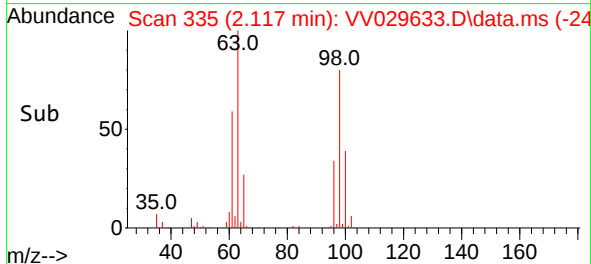
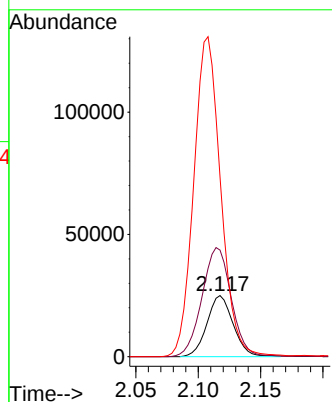
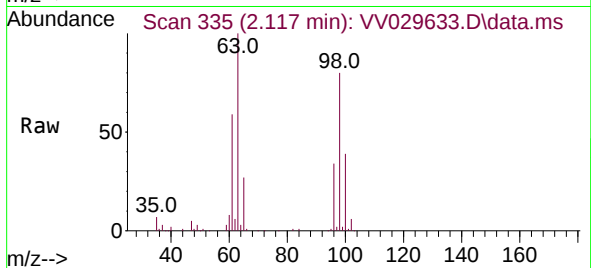
Tgt Ion: 96 Resp: 36691

Ion Ratio Lower Upper

96 100

61 174.3 103.3 191.9

63 293.8 77.3 143.7#



#19

1,1-Dichloroethane

Concen: 16.695 ug/L

RT: 3.185 min Scan# 667

Delta R.T. 0.003 min

Lab File: VV029633.D

Acq: 13 Dec 2022 06:19

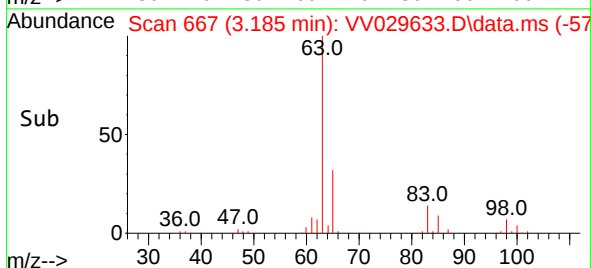
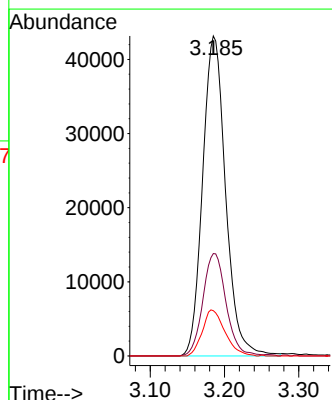
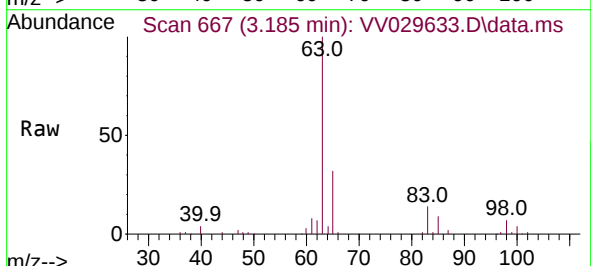
Tgt Ion: 63 Resp: 92883

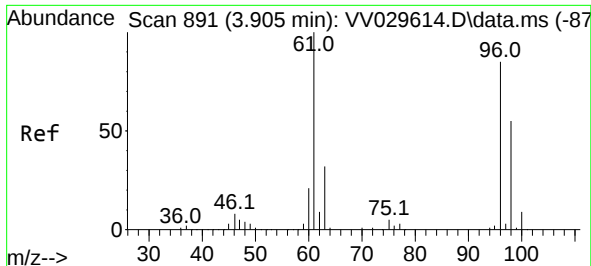
Ion Ratio Lower Upper

63 100

65 32.0 22.5 41.7

83 14.1 10.4 19.2

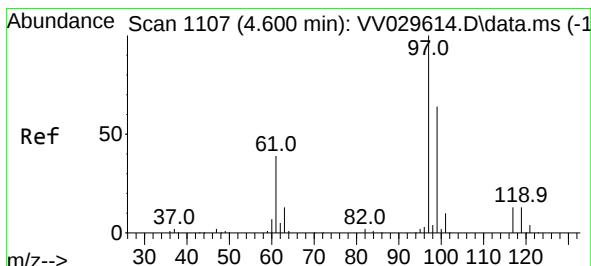
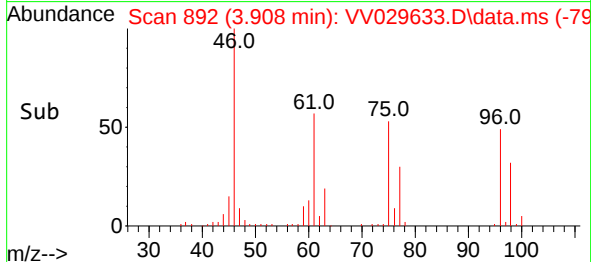
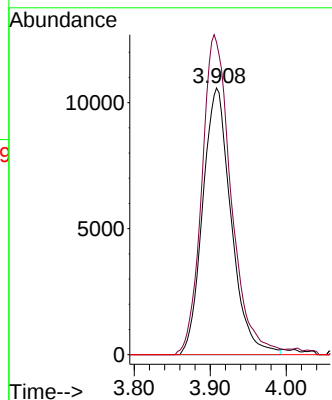
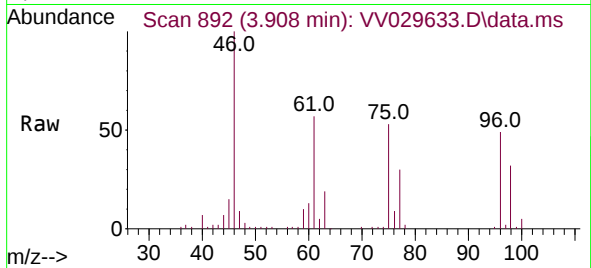




#20
 cis-1,2-Dichloroethene
 Concen: 7.696 ug/L
 RT: 3.908 min Scan# 891
 Delta R.T. 0.003 min
 Lab File: VV029633.D
 Acq: 13 Dec 2022 06:19

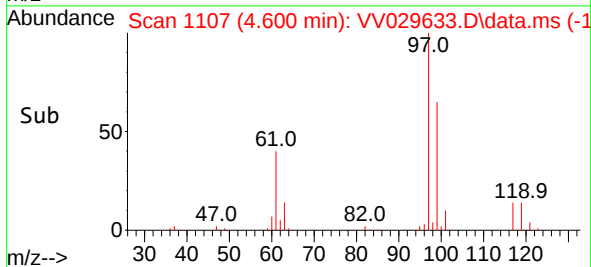
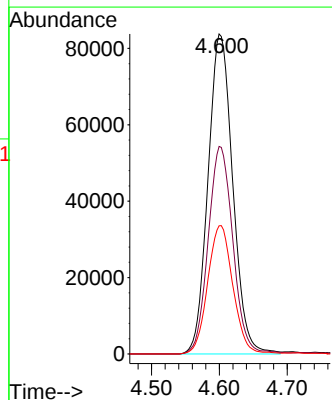
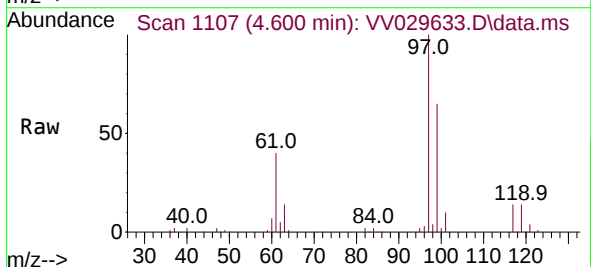
Instrument :
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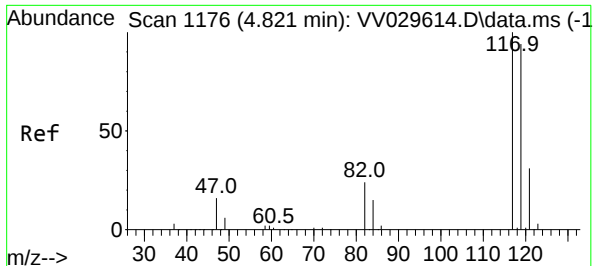
Tgt Ion: 96 Resp: 27483
 Ion Ratio Lower Upper
 96 100
 61 117.2 78.0 144.9
 68 0.0 0.0 0.0



#30
 1,1,1-Trichloroethane
 Concen: 39.556 ug/L
 RT: 4.600 min Scan# 1107
 Delta R.T. 0.000 min
 Lab File: VV029633.D
 Acq: 13 Dec 2022 06:19

Tgt Ion: 97 Resp: 212388
 Ion Ratio Lower Upper
 97 100
 99 64.3 52.1 78.1
 61 40.6 31.8 47.8

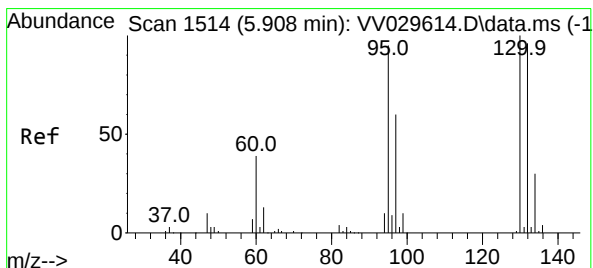
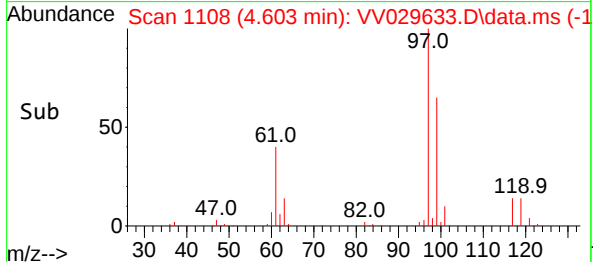
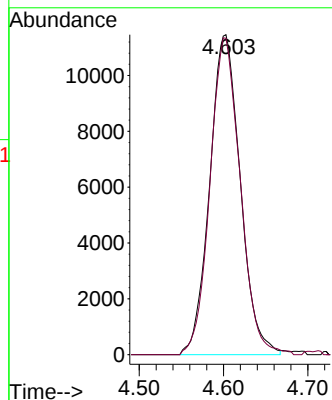
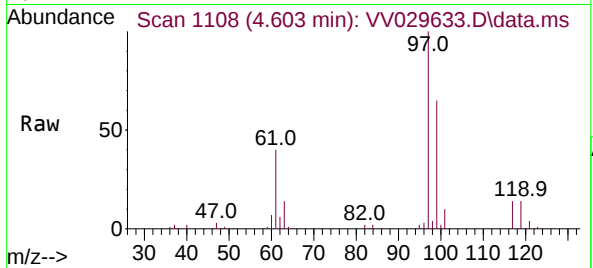




#31
Carbon tetrachloride
Concen: 6.166 ug/L
RT: 4.603 min Scan# 1176
Delta R.T. -0.219 min
Lab File: VV029633.D
Acq: 13 Dec 2022 06:19

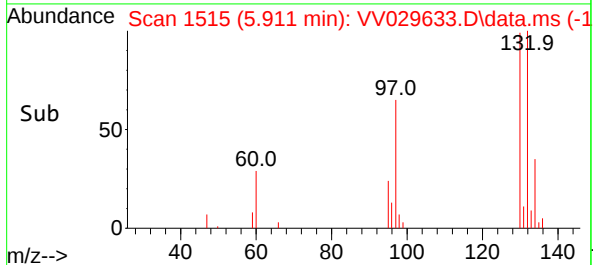
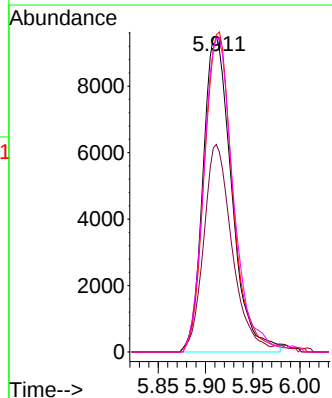
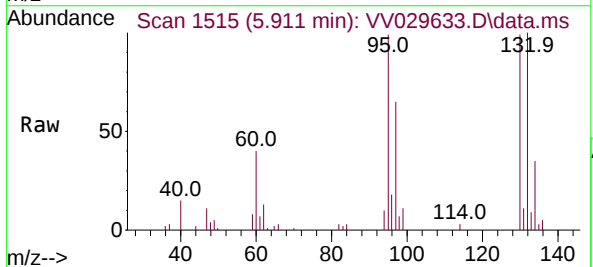
Instrument :
MSVOA_V
ClientSampleId :
EXZ91DL

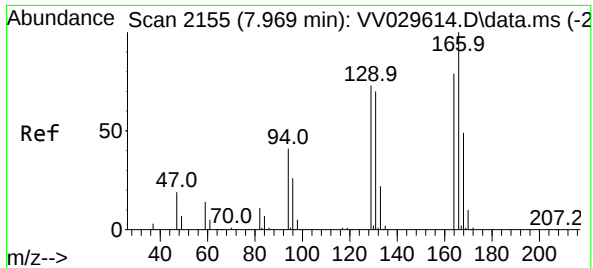
Tgt Ion:117 Resp: 28913
Ion Ratio Lower Upper
117 100
119 97.7 76.7 115.1



#34
Trichloroethene
Concen: 5.756 ug/L
RT: 5.911 min Scan# 1515
Delta R.T. 0.003 min
Lab File: VV029633.D
Acq: 13 Dec 2022 06:19

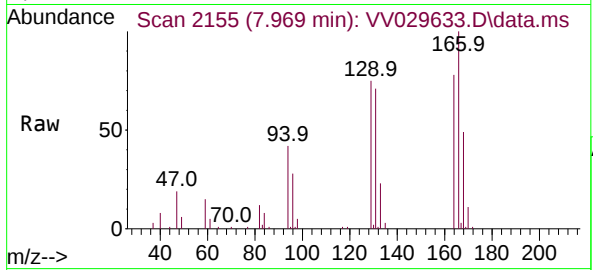
Tgt Ion: 95 Resp: 20036
Ion Ratio Lower Upper
95 100
97 65.8 44.0 81.8
132 100.6 69.9 129.9
130 99.5 73.7 136.9





#46
 Tetrachloroethene
 Concen: 8.351 ug/L
 RT: 7.969 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV029633.D
 Acq: 13 Dec 2022 06:19

Instrument :
 MSVOA_V
 ClientSampleId :
 EXZ91DL



Tgt Ion:164 Resp: 23373

Ion	Ratio	Lower	Upper
164	100		
129	95.5	65.3	121.3
131	90.5	63.1	117.1
166	128.1	90.8	168.6

