

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120922\
 Data File : VW029558.D
 Acq On : 10 Dec 2022 05:51
 Operator : SY/MD
 Sample : N5929-06
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EXZA4

Quant Time: Dec 10 06:15:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Dec 10 00:41:04 2022
 Response via : Initial Calibration

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

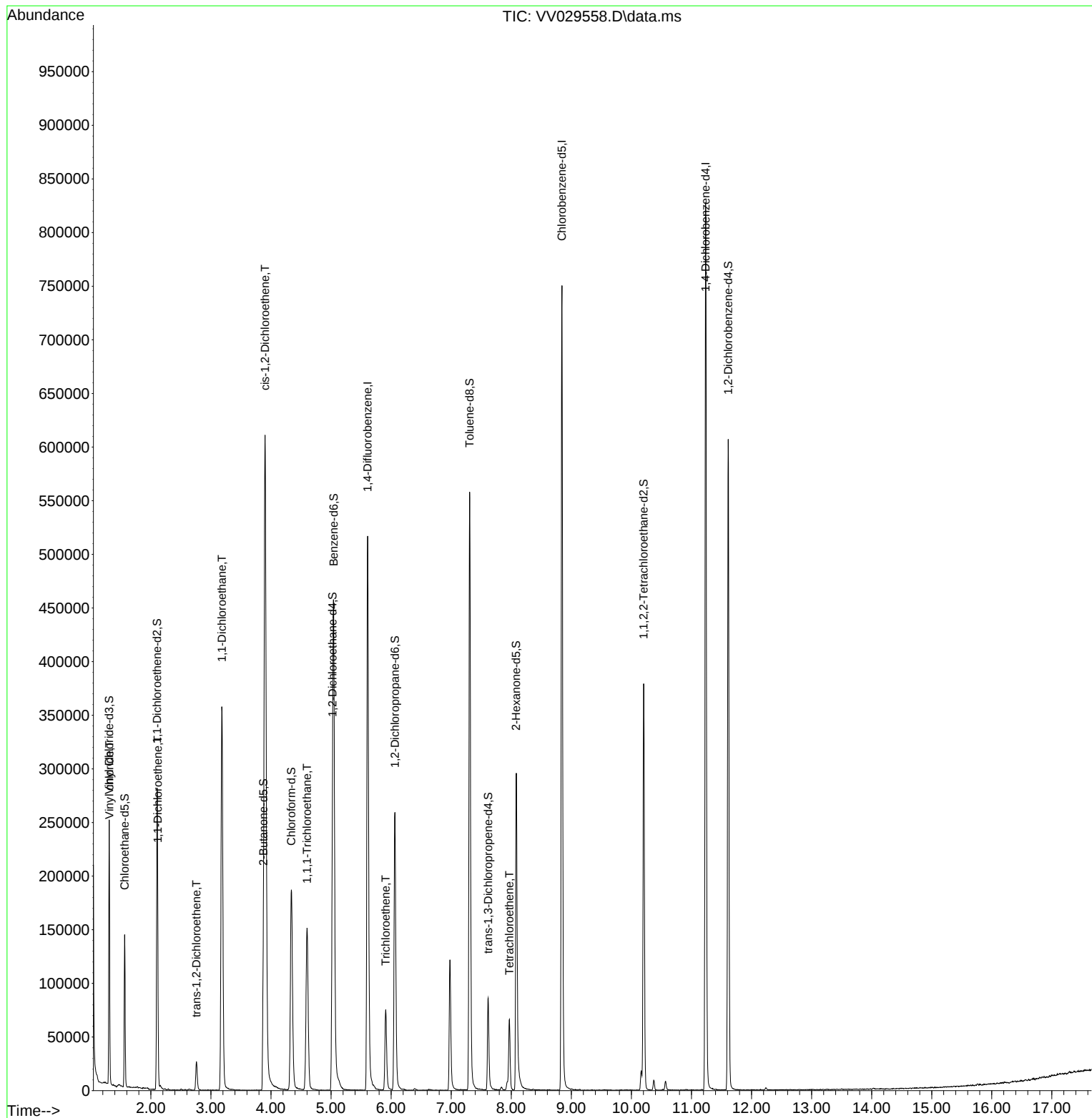
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	470258	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	439962	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	229349	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	111069	38.570	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	=	77.140%	
7) Chloroethane-d5	1.565	69	90829	41.364	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	=	82.720%	
11) 1,1-Dichloroethene-d2	2.105	63	144009	32.063	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	64.120%	
21) 2-Butanone-d5	3.873	46	133505	75.999	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	=	76.000%	
24) Chloroform-d	4.339	84	206035	38.021	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	76.040%	
26) 1,2-Dichloroethane-d4	5.024	65	123345	39.853	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	79.700%	
32) Benzene-d6	5.043	84	435800	37.487	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	=	74.980%	
36) 1,2-Dichloropropane-d6	6.063	67	136119	38.333	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	=	76.660%	
41) Toluene-d8	7.307	98	393088	35.887	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	71.780%#	
43) trans-1,3-Dichloroprop...	7.616	79	52094	29.052	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	=	58.100%#	
47) 2-Hexanone-d5	8.082	63	114449	75.476	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	=	75.480%	
56) 1,1,2,2-Tetrachloroeth...	10.204	84	190057	37.454	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	=	74.900%	
66) 1,2-Dichlorobenzene-d4	11.612	152	164885	37.766	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	=	75.540%#	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.311	62	47142	13.342	ug/L	95
12) 1,1-Dichloroethene	2.114	96	4394	1.748	ug/L #	1
17) trans-1,2-Dichloroethene	2.757	96	10910	3.767	ug/L	94
19) 1,1-Dichloroethane	3.182	63	367139	73.994	ug/L	99
20) cis-1,2-Dichloroethene	3.902	96	357559	112.270	ug/L	94
30) 1,1,1-Trichloroethane	4.600	97	128833	26.877	ug/L	99
34) Trichloroethene	5.908	95	27768	8.936	ug/L	96
46) Tetrachloroethene	7.969	164	15642	6.261	ug/L	96

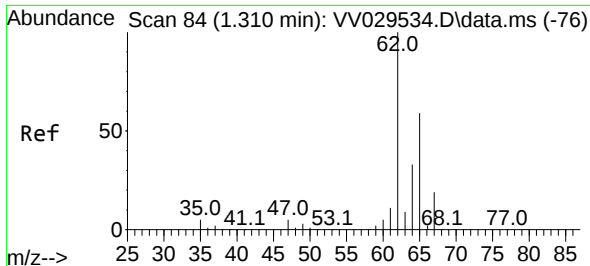
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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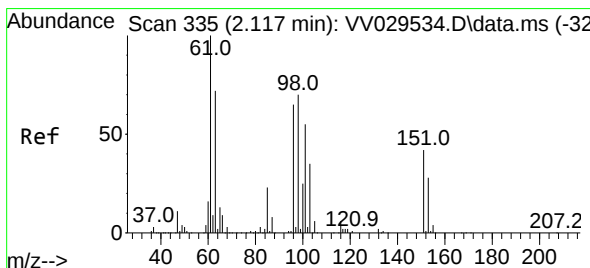
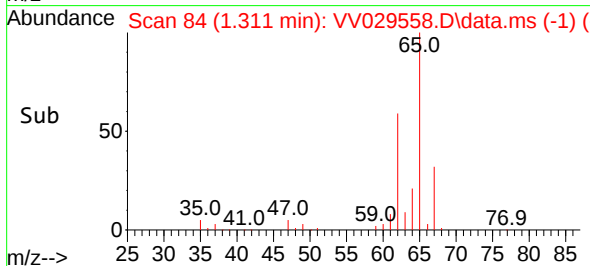
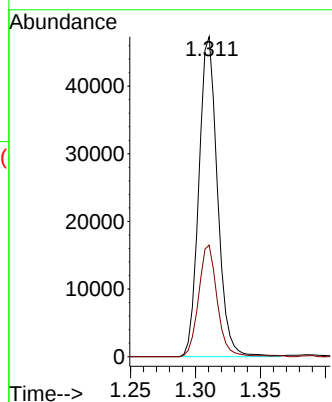
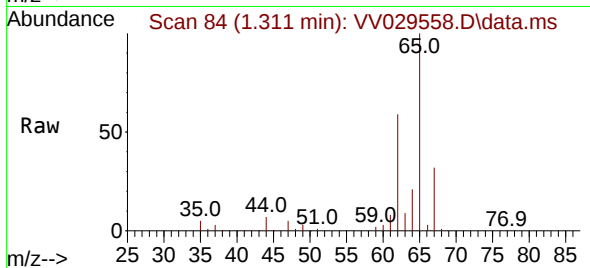




#5
 Vinyl chloride
 Concen: 13.342 ug/L
 RT: 1.311 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VV029558.D
 Acq: 10 Dec 2022 05:51

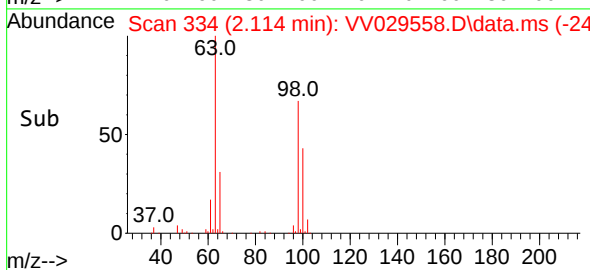
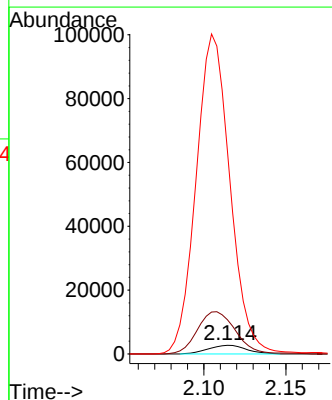
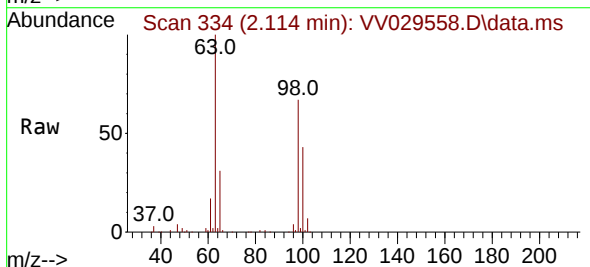
Instrument :
 MSVOA_V
 ClientSampleId :
 EXZA4

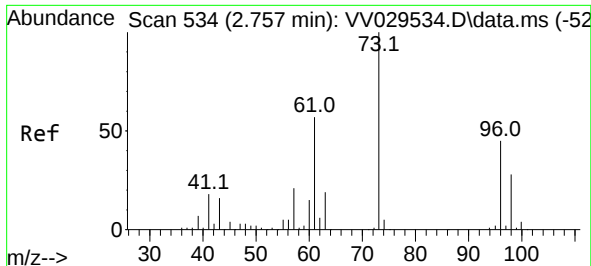
Tgt Ion: 62 Resp: 47142
 Ion Ratio Lower Upper
 62 100
 64 34.8 22.5 41.9



#12
 1,1-Dichloroethene
 Concen: 1.748 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. -0.003 min
 Lab File: VV029558.D
 Acq: 10 Dec 2022 05:51

Tgt Ion: 96 Resp: 4394
 Ion Ratio Lower Upper
 96 100
 61 393.4 103.3 191.9#
 63 2334.9 77.3 143.7#

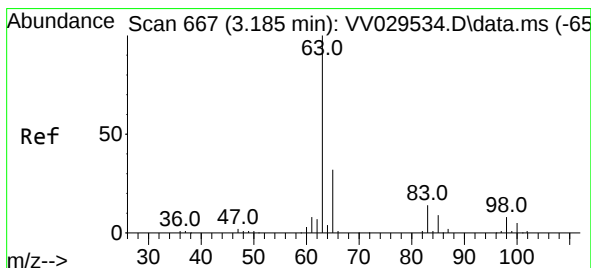
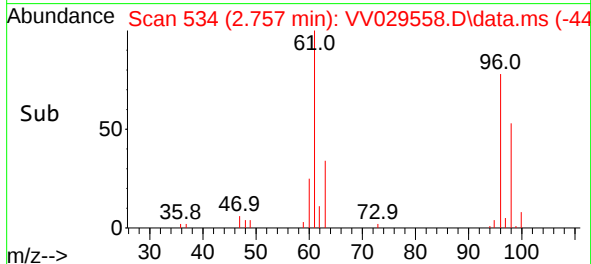
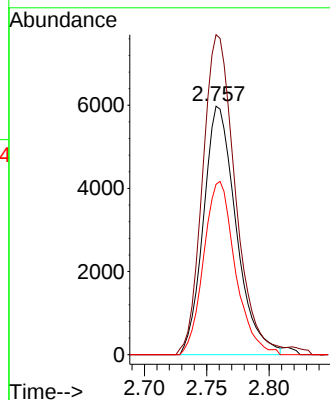
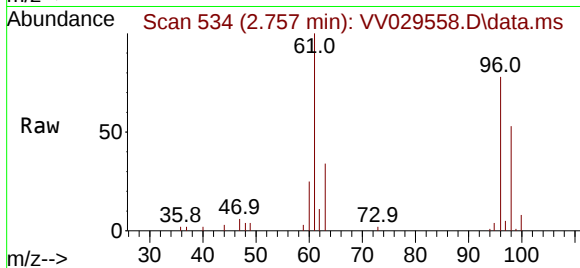




#17
trans-1,2-Dichloroethene
Concen: 3.767 ug/L
RT: 2.757 min Scan# 51
Delta R.T. 0.000 min
Lab File: VV029558.D
Acq: 10 Dec 2022 05:51

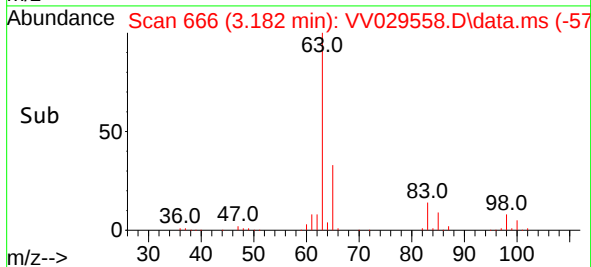
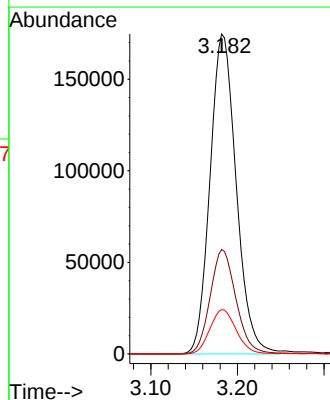
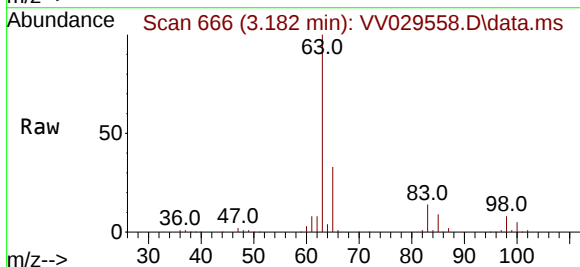
Instrument :
MSVOA_V
ClientSampleId :
EXZA4

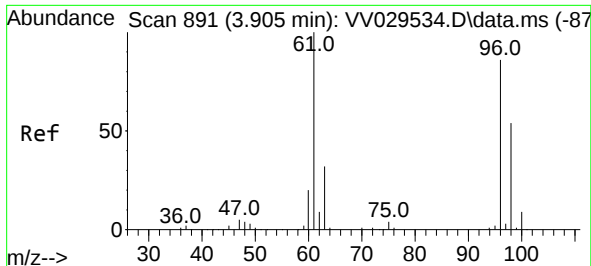
Tgt Ion: 96 Resp: 10910
Ion Ratio Lower Upper
96 100
61 128.8 86.4 160.4
98 68.6 43.4 80.6



#19
1,1-Dichloroethane
Concen: 73.994 ug/L
RT: 3.182 min Scan# 666
Delta R.T. -0.003 min
Lab File: VV029558.D
Acq: 10 Dec 2022 05:51

Tgt Ion: 63 Resp: 367139
Ion Ratio Lower Upper
63 100
65 32.7 22.5 41.7
83 13.9 10.4 19.2

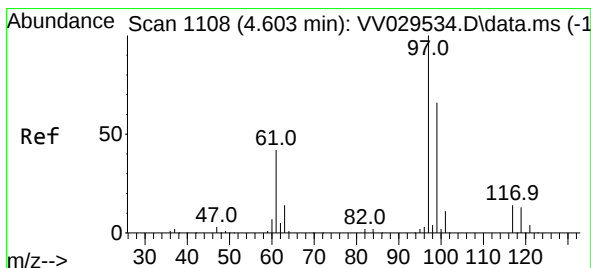
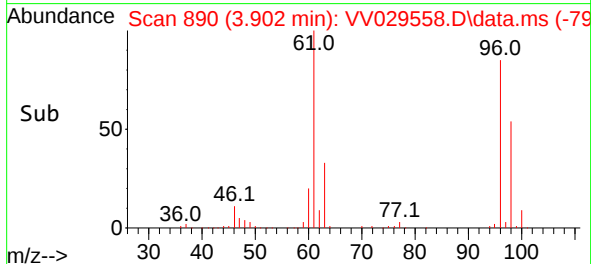
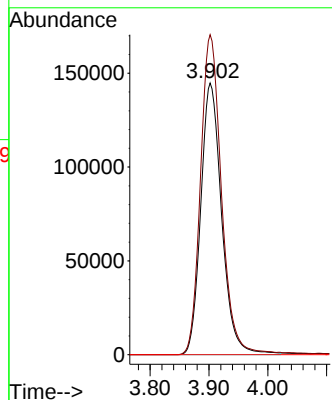
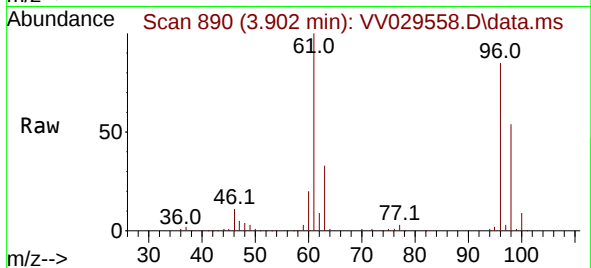




#20
 cis-1,2-Dichloroethene
 Concen: 112.270 ug/L
 RT: 3.902 min Scan# 891
 Delta R.T. -0.003 min
 Lab File: VV029558.D
 Acq: 10 Dec 2022 05:51

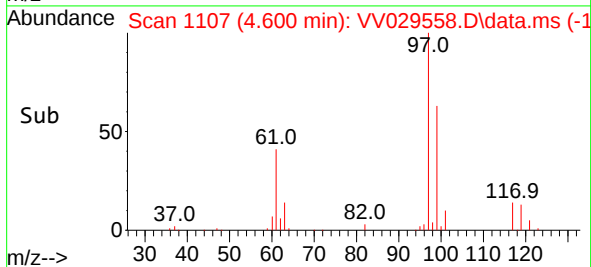
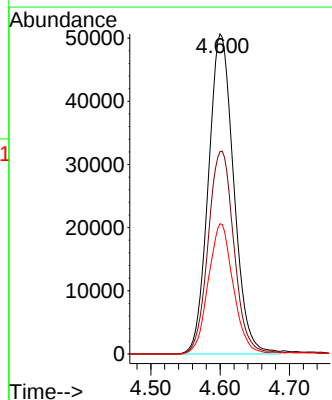
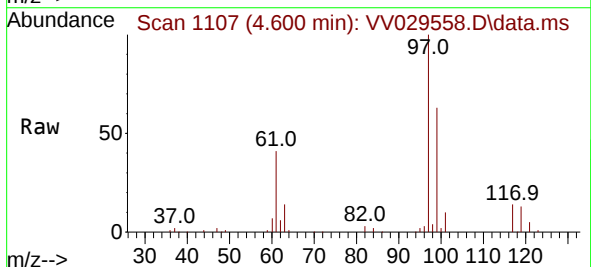
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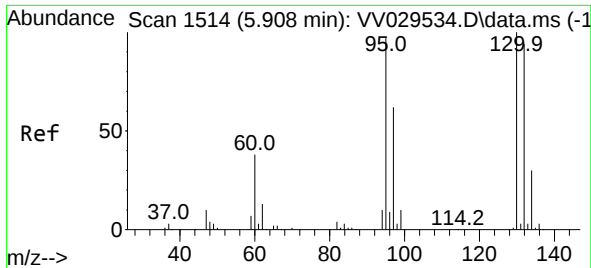
Tgt Ion: 96 Resp: 357559
 Ion Ratio Lower Upper
 96 100
 61 117.8 78.0 144.9
 68 0.0 0.0 0.0



#30
 1,1,1-Trichloroethane
 Concen: 26.877 ug/L
 RT: 4.600 min Scan# 1107
 Delta R.T. -0.003 min
 Lab File: VV029558.D
 Acq: 10 Dec 2022 05:51

Tgt Ion: 97 Resp: 128833
 Ion Ratio Lower Upper
 97 100
 99 64.5 52.1 78.1
 61 40.0 31.8 47.8



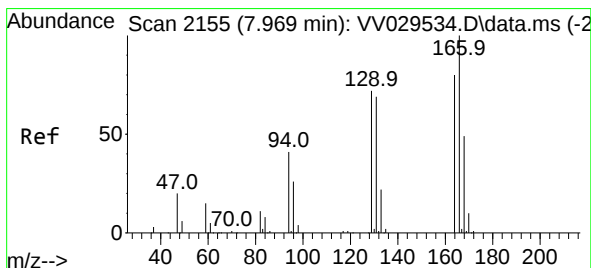
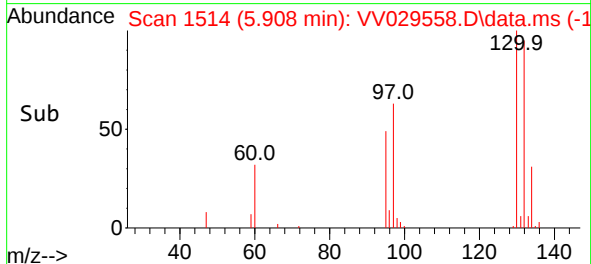
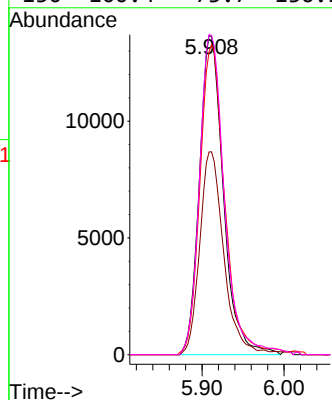
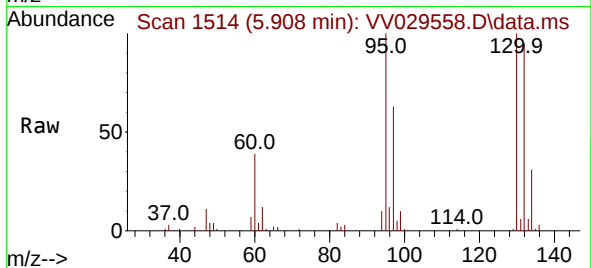


#34
Trichloroethene
Concen: 8.936 ug/L
RT: 5.908 min Scan# 11
Delta R.T. 0.000 min
Lab File: VV029558.D
Acq: 10 Dec 2022 05:51

Instrument :
MSVOA_V
ClientSampleId :
EXZA4

Tgt Ion: 95 Resp: 27768

Ion	Ratio	Lower	Upper
95	100		
97	63.6	44.0	81.8
132	94.9	69.9	129.9
130	100.4	73.7	136.9



#46
Tetrachloroethene
Concen: 6.261 ug/L
RT: 7.969 min Scan# 2155
Delta R.T. 0.000 min
Lab File: VV029558.D
Acq: 10 Dec 2022 05:51

Tgt Ion: 164 Resp: 15642

Ion	Ratio	Lower	Upper
164	100		
129	96.2	65.3	121.3
131	93.7	63.1	117.1
166	134.2	90.8	168.6

